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LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Acme Window Display Service Inc., New York, N. Y. Corrugated paper. Serial No. 402,586; July 5. Class 37.

Acushnet Process Company, Acushnet, Mass. Golf balls. Serial No. 406,702; July 5. Class 22.

Adams, C. F., Incorporated, Fort Worth, Tex. Cup leathers, valve leathers, crimps, etc. Serial No. 380,819; July 5. Class 35.

Air Conditioning Company. (See Brown, Willard E.)

Alka Movers Company, Inc., New York, N. Y. Alkaline laxative. Serial No. 403,439; July 5. Class 6.

Allis-Chalmers Manufacturing Company, Milwaukee and West Allis, Wis. Adjustable electrical motor bases. Serial No. 392,834; July 5. Class 23.

American Automatic Devices Co., Chicago, Ill. Make-up mirror devices. Serial No. 405,978; July 5. Class 32.

A. M. I. Distributing Co., Chicago, Ill. Electric chime amplifiers, carillon, and thermionic sound reproducers. Serial No. 398,881; July 5. Class 21.

Anchor Cap & Closure Corporation, Long Island City, N. Y. Liners for closure caps. Serial No. 387,617; July 5 Class 50.

Arbona, Antonio M., Arecibo, P. R. Fresh pinespple. Serial No. 396,338; July 5. Class 46.

Armstrong Cork Products Company, Lancaster, Pa. Bushings for machinery, rolls and roll covers, etc. Serial No. 391,605; July 5. Class 23.

Armstrong, J. D., doing business as Kopper Kettle Preserving Co. and Kopper Kettle Syrup Co., Los Angeles, Calif. Jellies, jams, fruit preserves, etc. Serial No. 405,980; July 5. Class 46.

Associated Displays Corp., New York, N. Y. Display easels. Serial No. 406,574; July 5. Class 32.

Atlantic Steel Company, Atlanta, Ga. Galvanized wire. Serial Nos. 405,676–7; July 5. Class 14.

Aurax Co., The, New York, N. Y. Vaporizing medicament. Serial No. 404,880; July 5. Class 6.

Auto-Lec Stores, Inc., New Orleans, La. Slip covers for automobiles. Serial No. 402,925; July 5. Class 19.

Bagnall, Howard E., doing business as The Bagnall Co., Kansas City, Mo. Bird seed and dog food. Serial No. 402,620; July 5. Class 46.

Ballis, Abou S., Mount Vernon, N. Y. Beverages, and sirups and extracts for making the same. Serial No. 406,543; July 5. Class 45.

Baldini, Carmelo, New York, N. Y. Protein and protein compound. Serial No. 406,673; July 5. Class 6.

Barnett Canvas Goods & Bag Co., Inc., Philadelphia, Pa. Canvas piece goods. Serial No. 402,674; July 5. Class 42.

Belcher, Arthur W., San Francisco, Calif. Fresh cooked fish and shell-fish. Serial No. 400,743; July 5. Class 46.

Bernard Dress Mfg. Co., Inc., Buffalo, N. Y. Women's wash dresses and housecoats. Serial No. 406,110; July 5. Class 39.

Besking, Sidney, doing business as The Tanophene Co., Coral Gables, Fla. Gargle and mouth wash. Serial No. 406,210; July 5. Class 6.

Bisceglia Brothers Corp., Philadelphia, Pa. Brandy, whiskey, gin, rum, and alcoholic cordials. Serial No. 403,394; July 5. Class 49.

Black Flag Company, The, Baltimore, Md. Dog soap. Serial Nos. 402,762–3; July 5. Class 4.

Blumenthal, Sidney & Co. Inc., New York, N. Y. Pile fabrics. Serial No. 406,279; July 5. Class 42.

Boettner, Richard, doing business as Wonder Products Company, Salt Lake City, Utah. Polish. Serial No. 392,675; July 5. Class 16.

Brewer & Company, Inc., Worcester, Mass. Tablet indicated in the treatment of certain conditions due to circulatory disorders. Serial No. 406,491; July 5. Class 6.

Brown-Camp Hardware Company, Des Moines, Iowa. Butcher knives, paring knives, pocket knives, etc. Serial No. 397,180; July 5. Class 23.

Brown Company, Portland, Maine, and Berlin, N. H. Paper towels. Serial No. 405,805; July 5. Class 37.

Brown, Sol, Newark, N. J. Trade stimulating machines. Serial No. 400,405; July 5. Class 23.

Brown, Willard E., doing business as Air Conditioning Company, Los Angeles, Calif. Forced draft ventilating air coolers. Serial No. 403,303; July 5. Class 34.

Bruning, Charles, Company, Inc., New York, N. Y. Blueprint paper. Serial No. 405,842; July 5. Class 26.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cues. Serial No. 405,760; July 5. Class 22.

Caldwell Mineral Water Corp., Caldwell Township, N. J. Bottled water. Serial No. 404,077; July 5. Class 45.

California Fire Extinguisher Company. (See Orr, Robert S. J.)

California Mission Vintage Co. (See Moramarco, A.)

California Perfume Company, Inc., New York, N. Y. Perfumes and face powder. Serial No. 405,482; July 5. Class 6.

Cane Growers Cooperative Association, Cairo, Ga. Table syrup. Serial No. 406,442; July 5. Class 46.

Caravan Trailer Company. (See Manusr, George B.)

Carbon Systems, Inc., Kansas City, Mo. Commercial and business forms. Serial No. 405,632; July 5. Class 37.

Carp's, J. A., Garenfabrieken N. V., Helmond, Netherlands. Thread and yarn. Serial No. 404,631; July 5. Class 43.

Cavendish Trading Corporation, New York, N. Y. Sheets and pillow cases. Serial No. 405,346; July 5. Class 42.

Celanese Corporation of America, New York, N. Y. Piece goods. Serial No. 406,238; July 5. Class 42.

Champion Chemical Works, Incorporated, New York, N. Y. Chlorinated lime. Serial No. 393,317; July 5. Class 6.

Chemico Laboratories. (See Jacobi, Karl.)

Clear Weave Hosiery Stores, Inc., Jamaica Plain, Boston, Mass. Hosiery. Serial No. 405,550; July 5. Class 39.

Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. Serial No. 401,336; July 5. Class 50.

Colorbrite Textiles, Inc., New York, N. Y. Cotton bath mats and toilet-seat cotton lid-covers. Serial No. 406,078; July 5. Class 42.

Congress Shirt Company, Boston, Mass. Sport jackets and parkas. Serial No. 403,858; July 5. Class 39.

Crookes Laboratories, Inc., New York, N. Y. Aqueous, colloidal suspension of manganese hydroxide. Serial No. 405,485; July 5. Class 6.

Crookes Laboratories, Inc., New York, N. Y. Calamine. Serial No. 405,486; July 5. Class 6.

Crown Fastener Corporation, Warren, R. I. Separable slide fasteners. Serial No. 391,207; July 5. Class 13.

Curtis, Leland, Los Angeles, Calif. Ski wax. Serial No. 493,997; July 5. Class 16.

Dean & Stephens. (See Stephens, Benjamin F.)

Densten Felt & Hair Company, Philadelphia, Pa. Carpet cushioning or padding. Serial No. 400,090; July 5. Class 50.

Dexter Woolen Corporation, New York, N. Y. Wool piece goods. Serial No. 405,152; July 5. Class 42.

Dillon, David, New York, N. Y. Tables and cabinets. Serial No. 405,985; July 5. Class 32.

Duplan Silk Corporation, New York, N. Y. Textile fabrics in the piece. Serial No. 406,051; July 5. Class 42.

Edmont Manufacturing Co., Coshocton, Ohio. Gloves. Serial No. 406,180; July 5. Class 39.

Elmco Corporation, The, Salt Lake City, Utah. Liners or liner plates. Serial No. 405,692; July 5. Class 14.

Eisler, Henry G., doing business as Perma Sheen Laboratories, Chicago, Ill. Cleaning and polishing compound. Serial No. 405,106; July 5. Class 4.

Euclid Candy Co. of California, Inc., The, San Francisco, Calif. Candy. Serial No. 406,243; July 5. Class 46.

Everedy Company, The, Frederick, Md. Casseroles. Serial No. 405,290; July 5. Class 13.

Eyrich, Harold R., Custer, S. Dak. Substance used for forming permanent suspensions. Serial No. 404,843; July 5. Class 1.

Familex Products Company. (See Parent, Romeo.)

Fearn Laboratories, Inc., Chicago, Ill. Meat curing compositions. Serial Nos. 405,065–8; July 5. Class 6.

Fibre Conduit Company, The, Orangeburg, N. Y. Conduit, ducts, and pipes, etc. Serial No. 403,449; July 5. Class 12.

Floret Products Co., New York, N. Y. Effervescent laxative preparation. Serial No. 405,492; July 5. Class 6.

Ford, Matthew A., doing business as M. A. Ford Mfg. Co., Davenport, Iowa. Rotary files and rasps. Serial No. 405,986; July 5. Class 23.

Fox, John G., doing business as J. G. Fox & Co., Seattle, Wash. Beverages, and syrups, extracts, and flavors used in making the same. Serial No. 402,515; July 5. Class 45.

Frank & Meyer Neckwear Company, St. Louis, Mo. Neckwear. Serial No. 405,924; July 5. Class 39.

Freithofer, F., Manufacturing Co., Inc., Pittsburgh, Pa. Preparation used as a germicide and antiseptic. Serial No. 405,246; July 5. Class 6.

Garton Toy Co., Sheboygan, Wis. Sleds, velocipedes, coaster wagons. Serial No. 378,197; July 5. Class 22.

General Motors Corporation, Detroit, Mich. Machine elements. Serial No. 401,856; July 5. Class 23.

General Purchasing Company, Paris, France. Perfume. Serial No. 405,154; July 5. Class 6.

Gettelman, A., Brewing Co., Milwaukee, Wis. Beer. Serial No. 406,286; July 5. Class 48.

Glenner, Francis R., doing business as Homogeneous Equipment Company, Downington, Pa. Linings of tin, lead, etc., bonded to steel or other metals. Serial No. 406,216; July 5. Class 14.

Globe Oil & Refining Company, The, Wichita, Kans. Lubricating oils and greases and gasoline. Serial No. 399,229; July 5. Class 15.

Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. Serial No. 399,706; July 5. Class 46.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Gordon's Dry Gin Company Limited, Linden, N. J., and New York, N. Y. Cocktails. Serial No. 405,600; July 5. Class 49.

Grand Rapids Upholstering Company, Grand Rapids, Mich. Furniture. Serial No. 406,040; July 5. Class 32.

Grant, W. T., Company, New York, N. Y. Garters. Serial No. 404,606; July 5. Class 39.

Griffin & Company, Chapel Hill, N. C. Preparation for the relief of asthma. Serial No. 405,503; July 5. Class 6.

Griggs Canning Company, Natalia, Tex. Canned vegetables. Serial Nos. 406,380–1; July 5. Class 46.

Guerlain Perfumery Corporation of Delaware, Wilmington, Del., and New York, N. Y. Perfumes. Serial No. 405,293; July 5. Class 6.

Haase, Leo G., Pasadena, Calif. Molds and forms. Serial No. 404,474; July 5. Class 23.

Hacker Import Corporation, The, New York, N. Y. Yarns. Serial No. 405,644; July 5. Class 43.

Hamilton Manufacturing Co., Two Rivers, Wis. Children's furniture and training accessories. Serial No. 406,924; July 5. Class 32.

Hansen, Zenon C. R., Gary, Ind. Dice game. Serial No. 405,810; July 5. Class 22.

Helms, Elmer T., Eugene, Oreg. Arch supports. Serial No. 399,283; July 5. Class 44.

Hodges Carpet Company, Indian Orchard, Mass. Sisal rugs and carpets. Serial No. 406,055; July 5. Class 42.

Hollingshead, R. M., Corporation, Camden, N. J. Preparations for fire extinguishers; insecticides and disinfectants; etc. Serial No. 405,250; July 5. Class 6.

Holm, E. M., Milwaukee, Wis. Amphoteric colloidal aluminum hydroxide gel. Serial No. 405,506; July 5. Class 6.

Homogeneous Equipment Company. (See Glenner, Francis R.)

House of Hollywood, Los Angeles, Calif. Avocado tissue cream, cold cream, deep pore cleanser, etc. Serial No. 405,299; July 5. Class 6.

Hubbs, Charles F. & Company, New York, N. Y. Packing paper. Serial No. 405,991; July 5. Class 37.

Hudson Brothers Milling Co., doing business as Hudson Bros., Sanborn, N. Y. Pastry flour. Serial No. 399,971; July 5. Class 46.

Huwerth, Heribert W., Emporium, Pa. Ont door bird houses. Serial No. 406,008; July 5. Class 50.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Thin sheets of synthetic materials for electrical insulation purposes. Serial No. 403,653; July 5. Class 21.

Imperial Hosiery Company, Pittsburgh, Pa. Shorts, beach-pants, overalls, etc. Serial No. 402,189; July 5. Class 39.

International Filter Co., Chicago, Ill. Ion exchanging and adsorptive materials. Serial No. 404,313; July 5. Class 6.

International Nickel Company, Inc., The, New York, N. Y. Nickel-copper shot. Serial No. 400,303; July 5. Class 14.

International Radio Corporation, Ann Arbor, Mich. Cameras, camera shutters, and photographic equipment. Serial No. 404,808; July 5. Class 26.

International Radio Corporation, Ann Arbor, Mich. Cameras. Serial No. 398,108; July 5. Class 26.

Irwin, Robert W., Company, Grand Rapids, Mich. Bedroom furniture. Serial No. 406,978; July 5. Class 32.

Jacobi, Karl, doing business as Chemico Laboratories, Cranford, N. J. Soluble sulphur. Serial No. 404,898; July 5. Class 6.

Jaffray, Stuart Lee, Inc., Brooklyn, N. Y. Yeast food. Serial No. 405,724; July 5. Class 46.

Jaffray, Stuart Lee, Inc., Brooklyn, N. Y. Malt preparation. Serial No. 405,725; July 5. Class 46.

Jamestown Lounge Company, Jamestown, N. Y. Household furniture. Serial Nos. 404,528–9; July 5. Class 32.

Jahzer, Carl, Stuttgart, Germany. Photographic printing machines and sensitized photographic paper. Serial No. 404,811; July 5. Class 26.

Jarvis, Harold G., Portland, Oreg. General sterilizing detergent. Serial No. 398,622; July 5. Class 6.

Johns-Manville Corporation, New York, N. Y. Mineral material in the nature of a filter powder. Serial No. 405,848; July 5. Class 31.

Jonette Knitting Mills Inc., New York, N. Y. Cotton, woolen, and rayon and cotton, woolen, and rayon mixtures in the piece. Serial No. 405,879; July 5. Class 42.

Junge Baking Company, Joplin, Mo. Bread. Serial No. 404,253; July 5. Class 46.

Kopper Kettle Preserving Co. (See Armstrong, J. D.)

Kress, S. H., and Company, New York, N. Y. Dental floss. Serial No. 406,886; July 5. Class 44.

La Mode Studios, Inc., New York, N. Y. Electric lamps. Serial No. 405,605; July 5. Class 21.

Lemke, Dr. H. C., Medicine Co., Chicago, Ill. Liniment. Serial No. 391,671; July 5. Class 6.

Levine, Max, & Co., New York, N. Y. Spun rayon piece goods. Serial No. 405,449; July 5. Class 42.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Topcoats and overcoats. Serial No. 405,560; July 5. Class 39.

Limray Co. Inc., New York, N. Y. Product for sunburn preparation. Serial No. 406,297; July 5. Class 6.

Lion Brewery of New York City, New York, N. Y. Beer and ale. Serial No. 406,341; July 5. Class 48.

Loma Linda Food Company, Loma Linda, Calif. Vegetable food. Serial Nos. 406,392–3; July 5. Class 42.

Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Worsted flannel. Serial No. 405,882; July 5. Class 42.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 406,396; July 5. Class 46.

Lucas, Joseph, doing business as Medical Products Company, New Orleans, La. Cream lotion. Serial No. 404,613; July 5. Class 6.

Lulu Products. (See Rodriguez, Marie.)

Lyon Fish Company, Minneapolis, Minn. Canned fish. Serial No. 394,073; July 5. Class 46.

Macy, R. H., & Co., Inc., New York, N. Y. Coffee beverage. Serial No. 406,648; July 5. Class 45.

Mansur, George B., doing business as Caravan Trailer Company, Haverhill, Mass. Trailers. Serial No. 388,947; July 5. Class 19.

Marks, L. V., & Sons Co., The, Cincinnati, Ohio. Shoes. Serial No. 405,932; July 5. Class 39.

Marks, Meyer S., Chicago, Ill. Facial pack. Serial No. 405,965; July 5. Class 6.

Mattson, Walter J., Brooklyn, N. Y. Combination letter and envelope. Serial No. 381,489; July 5. Class 37.

May Department Stores Company, The, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Bicycles. Serial No. 406,428; July 5. Class 19.

McKesson & Robbins, Incorporated, Bridgeport and Fairfield, Conn. Preparation containing vitamins, liver extract, iron, etc. Serial No. 405,292; July 5. Class 6.

McNeil Drug Company, doing business as McNeil Drug Co. (Inc.), Jacksonville, Fla. Alterative compound. Serial No. 404,132; July 5. Class 6.

Medical Products Company. (See Lucas, Joseph.)

Menasha Products Company, Menasha, Wis. Wax-rubber tape. Serial No. 404,053; July 5. Class 37.

Mercury Handbags Company, New York, N. Y. Ladies' handbags. Serial No. 406,224; July 5. Class 3.

Metlox Manufacturing Company, Manhattan Beach, Calif. Ceramic dinnerware. Serial No. 399,193; July 5. Class 30.

Meyer-Blanke Company, St. Louis, Mo. Chemical solvents and preparations. Serial No. 404,005; July 5. Class 4.

Michigan Artcraft Company, Sparta, Mich. Tables. Serial No. 406,935; July 5. Class 32.

Midland Flour Milling Company, The, Kansas City, Mo. Wheat flour. Serial No. 406,819; July 5. Class 46.

Mission Dry Corporation, Los Angeles, Calif. Gin and sloe gin. Serial No. 403,012; July 5. Class 49.

Moramarco, A., doing business as California Mission Vintage Co., Los Angeles, Calif. Brandy. Serial No. 381,213; July 5. Class 49.

Nation Wide Service Bureau, Memphis, Tenn. Business cards, solicitors' folding cards, litho-letterheads, etc. Serial No. 404,772; July 5. Class 37.

National Food Products Co., New Orleans, La. Alimentary paste products. Serial No. 399,191; July 5. Class 46.

National Steel Construction Co., Seattle, Wash. Metal tanks for liquid. Serial No. 404,133; July 5. Class 34.

Nelson & Company, Wilkes-Barre, Pa. Trousers, breeches, coats, etc. Serial No. 405,515; July 5. Class 39.

Neumann, R., & Company, Hoboken, N. J. Leather in the piece. Serial No. 405,886; July 5. Class 1.

Neva-Moth Corporation of America, New York, N. Y. Odorless chemical processing compound. Serial No. 404,864; July 5. Class 6.

Northwest Paper Company, The, Cloquet, Minn. Paper. Serial Nos. 399,461–3; July 5. Class 37.

Northwest Paper Company, The, Cloquet, Minn. Paper. Serial No. 399,467; July 5. Class 37.

Norwich Pharmacal Company, The, Norwich, N. Y. Cod liver oil concentrate. Serial No. 399,470; July 5. Class 6.

Nyanza Color & Chemical Co., Inc., New York, N. Y. Chemicals and dyes. Serial No. 400,318; July 5. Class 6.

Old Colony Knitting Mills, Inc., Hingham, Mass. Knitted sportwear; and dresses. Serial No. 381,917; July 5. Class 39.

Omaha Shade Company, Omaha, Nebr. Window shades and Venetian blinds. Serial No. 406,399; July 5. Class 32.

Orr, Robert S. J., doing business as California Fire Extinguisher Company, San Francisco, Calif. Forest fire fighting equipment. Serial No. 401,071; July 5. Class 23.

Otis Pressure Control, Inc., Dallas, Tex. Oil well tools and oil producing equipment. Serial No. 399,323; July 5. Class 23.

Paddington Corporation, The, New York, N. Y. Wines. Serial No. 405,033; July 5. Class 47.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Parent, Romeo, doing business as Familex Products Company, Montreal, Quebec, Canada. Digestive tonics, cod liver oils, hypophosphite cod liver oils, etc. Serial No. 393,198; July 5. Class 6.

Parker, William H., Richmond, Va. Game of cards. Serial No. 406,728; July 5. Class 22.

Pass & Seymour, Inc., Syracuse and Solvay, N. Y. Porcelain receptacles for exposed wiring, dead-end switches, rosettes, etc. Serial No. 405,888; July 5. Class 21.

Perfection Mattress & Spring Company, Birmingham, Ala. Mattresses. Serial No. 406,823; July 5. Class 32.

Perma Sheen Laboratories. (See Eisler, Henry G.)

Phoenix Pie Company, Portsmouth, Ohio. Pies. Serial No. 397,295; July 5. Class 46.

Pierce, Robert J., Inc., New York, N. Y. Prophylactic rubber articles. Serial No. 405,893; July 5. Class 44.

Pittsburgh Garter Company, Pittsburgh, Pa. Men's suspenders and braces, women's garters, hose supporters, etc. Serial No. 401,118; July 5. Class 39.

Pynosol Laboratories, Inc., Chicago, Ill. Antiseptic for feminine hygiene. Serial No. 390,668; July 5. Class 6.

Quinlan, Kathleen Mary, Inc., New York, N. Y. Perfume. Serial No. 405,082; July 5. Class 6.

Raylite Trading Co., Inc., New York, N. Y. Electric lamp sockets and Christmas tree lighting outfits. Serial No. 404,618; July 5. Class 21.

Reindeer Frozen Custard Company, The, Washington, D. C. Frozen custard. Serial No. 405,036; July 5. Class 46.

Reproduction Equipment Corporation, New York, N. Y. Apparatus and materials for printing, developing, and finishing photo-prints, etc. Serial No. 405,038; July 5. Class 26.

Resistoflex Corporation, New York, N. Y. Flexible tubes, hose, pipes, etc. Serial No. 406,301; July 5. Class 35.

Rhyme-A-Lings Company of America, Inc., Cortesville, N. J. Parlor game. Serial No. 405,858; July 5. Class 22.

Rin Foot Lotion, Inc., Washington, D. C. Foot and underarm lotions. Serial No. 405,703; July 5. Class 6.

Riverside Heights Orange Growers Association, The, Riverside, Calif. Fresh citrus fruit. Serial No. 406,603; July 5. Class 46.

Roche-Organon, Inc., Nutley, N. J. Medicinal preparation. Serial No. 406,565; July 5. Class 6.

Rodriguez, Marie, doing business as Lulu Products, New York, N. Y. Shampoo preparation. Serial No. 406,775; July 5. Class 6.

Rogar Company, Montebello, Calif. Stomachic. Serial No. 405,221; July 5. Class 6.

Runyan, W. (Walter) H., Rapid City, S. Dak. Antifreeze solution. Serial No. 406,468; July 5. Class 6.

Russell Manufacturing Company, The, Middletown, Conn. Fused friction fabrics for brakes, clutches, etc. Serial No. 404,547; July 5. Class 35.

Russian Tea Room Restaurant, Inc., New York, N. Y. Candies, creamed mushrooms, and borsch. Serial No. 403,424; July 5. Class 46.

St. Clair Foods Company, McAllen, Tex. Canned foods. Serial No. 401,794; July 5. Class 46.

Sargent & Company, Des Moines, Iowa. Feed for live stock and poultry. Serial No. 403,787; July 5. Class 46.

Scatena-Galli Fruit Company, San Francisco, Calif. Fresh fruits and vegetables. Serial No. 394,064; July 5. Class 46.

Schneider & Armitage, New York, N. Y. Woolen piece goods. Serial No. 406,195; July 5. Class 42.

Schoenhut, O., Inc., Philadelphia, Pa. Game. Serial No. 406,402; July 5. Class 22.

Sealed Power Corporation, Muskegon, Mich. Piston rings. Serial No. 405,527; July 5. Class 35.

Sears, Roebuck and Co., Chicago, Ill. Automobile robes. Serial No. 393,090; July 5. Class 42.

Sears, Roebuck and Co., Chicago, Ill. Ladies' handbags. Serial No. 406,002; July 5. Class 3.

Sears, Roebuck and Co., Chicago, Ill. Hosiery. Serial No. 406,003; July 5. Class 39.

Selmer, H. & A., Incorporated, Elkhart, Ind. Combination foldable desk and music stand. Serial No. 406,988; July 5. Class 32.

Sheila-Lynn, Inc., New York, N. Y. Dresses. Serial No. 405,704; July 5. Class 39.

Siegel, William, doing business as Williams Specialty Co., New York, N. Y. Anti-acid powder. Serial No. 405,323; July 5. Class 6.

Slauson, Harold W., New York, N. Y. Navigation instrument. Serial No. 404,093; July 5. Class 26.

Smith, Albert D., & Co., New York, N. Y. Cotton goods and shadecloth. Serial No. 406,231; July 5. Class 42.

Société Anonyme des Minerais, Luxemburg, Luxemburg. Various metals and metal alloys and including castings of the same. Serial No. 406,354; July 5. Class 14.

Societe Anonyme Lancome, Courbevoie and Paris, France. Perfume, face powder, talcum powder, etc. Serial No. 402,654; July 5. Class 6.

Societe Menier, Paris, France. Chocolate and malt flavored powder. Serial No. 405,040; July 5. Class 46.

Sonotone Corporation, Elmsford, N. Y. Hearing-aid devices and acoustic elements and accessories thereof. Serial No. 405,465; July 5. Class 44.

Sonotone Corporation, New York, N. Y. Devices for fitting a hearing-aid to the needs of a person of impaired hearing, and the elements and accessories thereof. Serial No. 406,531; July 5. Class 44.

Sorensen, Einar N., Fernandina, Fla. Fuel vaporizer for use with carburetors. Serial No. 363,069; July 5. Class 23.

Sorkin, Souis, doing business as Sorkin Music Company, New York, N. Y. Guitars, tenor guitars, mandolins, etc. Serial No. 395,156; July 5. Class 36.

Southland Wine Corporation, Richmond, Va. Wines. Serial Nos. 402,871–3; July 5. Class 47.

Spurr, Melbourne, doing business as Spurrway Manufacturing Company, Los Angeles, Calif. Beefsteak sauce. Serial No. 405,417; July 5. Class 46.

Spurrway Manufacturing Company. (See Spurr, Melbourne.)

Squibb, E. R., & Sons, New York, N. Y. Antianemic preparations. Serial No. 405,466; July 5. Class 6.

Stephens, Benjamin E., doing business as Dean & Stephens, Tulsa, Okla. Gas and oil burning heating furnaces. Serial No. 405,828; July 5. Class 34.

Sterling Textile Printers, Inc., New York, N. Y. Silks, rayons, and cotton goods. Serial Nos. 405,793–4; July 5. Class 42.

Stockton, Jack P., New York, N. Y. Bridge playing machines and instruction sheets for use therein. Serial No. 406,736; July 5. Class 22.

Sweney, Helene L., Nahant, Mass. Games. Serial No. 403,836; July 5. Class 22.

Tanophene Co., The. (See Beskind, Sidney.)

Taylor Instrument Companies, Rochester, N. Y. Barometers. Serial No. 406,073; July 5. Class 26.

Terhune, Yereance & Wolff, Inc., New York, N. Y. Fabrics. Serial No. 404,783; July 5. Class 42.

Terhune, Yereance & Wolff, Inc., New York, N. Y. Woolen fabrics. Serial No. 404,963; July 5. Class 42.

Tremont Mills Corporation, New York, N. Y. French trimming ribbon. Serial No. 403,434; July 5. Class 42.

Trico Products Corporation, Buffalo, N. Y. Hose. Serial No. 406,994; July 5. Class 35.

Tycoon Tackle, Inc., Miami, Fla. Fishing rods. Serial No. 404,192; July 5. Class 22.

United Drill and Tool Corporation, Chicago, Ill. Twist drills, reamers, milling cutters, etc. Serial No. 403,184; July 5. Class 23.

United Profit-Sharing Corporation, New York, N. Y. Baseballs, footballs, baseball bats, etc. Serial No. 393,241; July 5. Class 22.

United Pure Food Co., New York, N. Y. Olive oil. Serial No. 406,304; July 5. Class 46.

United States Aviex Corporation, Long Island City, N. Y. Lubricating oil. Serial No. 402,354; July 5. Class 15.

United States Rubber Products, Inc., New York, N. Y. Rubber tires for vehicles. Serial No. 391,440; July 5. Class 35.

Vick Chemical Company, New York, N. Y. Medicinal preparation. Serial No. 406,618; July 5. Class 6.

Wakem & McLaughlin, Incorporated, Chicago, Ill. Whiskey, gin, brandy, etc. Serial No. 406,236; July 5. Class 49.

Wall Street Liquor Corp., New York, N. Y. Wines. Serial No. 405,145; July 5. Class 47.

Waterbury Clock Company, The, Waterbury, Conn. Watches. Serial No. 397,094; July 5. Class 27.

Watkins, J. R., Company, Winona, Minn. Syrups, extracts, flavors, etc. Serial No. 406,612; July 5. Class 45.

Weidemann, Charles C., Columbus, Ohio. Hand supported musical instruments of the zylophone type. Serial No. 405,837; July 5. Class 36.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric ranges. Serial No. 404,972; July 5. Class 21.

Whitin Machine Works, Whitinsville, Mass. Roving frames and spinning frames. Serial No. 391,252; July 5. Class 23.

Williams Gold Refining Company, Inc., The, Buffalo, N. Y. Casting metals used in dentistry. Serial No. 401,913; July 5. Class 44.

Williams, Roger, Brewing Corporation, Providence, R. I. Beer and ale. Serial No. 402,994; July 5. Class 48.

Williams Specialty Co. (See Siegel, William.)

Wolfe & Lang, Inc., New York, N. Y. Panties, girdles, and combination girdle-step-ins. Serial No. 403,383; July 5. Class 39.

Wonder Products Company. (See Boettner, Richard.)

Wurlitzer, Rudolph, Company, The, De Kalb, Ill. Accordions. Serial No. 405,045; July 5. Class 36.

Wyeth, John, and Brother, Incorporated, Philadelphia, Pa. Gastric drip apparatus. Serial No. 406,409; July 5. Class 44.

Zenith Radio Corporation, Chicago, Ill. Radio and audio frequency transmitting and receiving apparatus, and parts thereof. Serial No. 402,356; July 5. Class 21.

LIST OF REGISTRANTS OF TRADE-MARKS

Alligator Company, The, St. Louis, Mo. Linings for garments. 358,254; July 5; Serial No. 400,219; published Feb. 1, 1938. Class 39.

American Bitumuls Company, Wilmington, Del., and San Francisco, Calif. Adhesive binders. 358,267; July 5; Serial No. 401,718; published Apr. 26, 1938. Class 5.

American Engineering Company, Philadelphia, Pa. Furnace stokers and parts thereof. 358,230; July 5; Serial No. 390,155; published Apr. 26, 1938. Class 34.

American Hominy Company, Indianapolis, Ind., assignor, by mesne assignments, to Decatur Milling Company, Inc., Decatur, Ill. White corn-flour. 122,563; renewed Aug. 27, 1938.

American La France Fire Engine Co., Inc., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Electric search-lights and electric lanterns. 123,080; renewed Oct. 15, 1938.

American La France Fire Engine Co., Inc., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Steam fire-engines, chemical fire-engines, water-towers, etc. 122,769; renewed Sept. 17, 1938.

American Safety Razor Corporation, Brooklyn, N. Y. Safety corn razors and safety corn razor blades. 358,335; July 5; Serial No. 403,977; published Apr. 26, 1938. Class 44.

American Tobacco Company, The, New York, N. Y. Cigars. 358,325; July 5; Serial No. 403,673; published Apr. 26, 1938. Class 17.

Anacin Company, The. (See Knight, Wm. M., assignor.)

Arden, Elizabeth, Inc. (See Lewis, Florence N., assignor.)

Aro Equipment Corporation, The, Bryan, Ohio. Automotive and industrial lubricating equipment and parts. 358,240; July 5; Serial No. 398,748; published Apr. 26, 1938. Class 23.

Association of Gas Appliance and Equipment Manufacturers, New York, N. Y. Gas appliances. 358,274–5; July 5; Serial Nos. 402,502–3; published May 3, 1938. Class 34.

Austin, Nichols & Co., Inc., Brooklyn, N. Y. Rye blended straight whiskeys. 358,333; July 5; Serial No. 403,896; published Apr. 26, 1938. Class 49.

Band-It Company, Denver, Colo. Tools for applying hose clamps. 358,303; July 5; Serial No. 403,233; published Apr. 26, 1938. Class 23.

Barker, R. M., doing business as A. E. Barker & Company, Los Angeles, Calif. Fresh vegetables. 358,259; July 5; Serial No. 400,680; published Feb. 15, 1938. Class 46.

Barnett, J. R., Inc., Harlingen, Tex. Fresh vegetables and fresh citrus fruit. 358,310; July 5; Serial No. 403,393; published Apr. 26, 1938. Class 46.

Belle Knitting Corp., New York, N. Y. Underwear. 358,317; July 5; Serial No. 403,500; published Apr. 26, 1938. Class 39.

Bell's Homeopathic Pharmacy. (See Hoffmann, Otto J.)

Best, John H., & Sons, Inc. (See Wistrand Manufacturing Co.)

Bloomingdale Bros., Inc., New York, N. Y. Paints. 358,352; July 5. Class 16.

Burgess Battery Company, Chicago, Ill. Air-distributing apparatus. 358,342; July 5. Class 34.

Bradens California Products, Inc., Cleveland, Ohio. Preserved foods. 358,283; July 5; Serial No. 402,765; published Apr. 26, 1938. Class 46.

Bregstein-Richman, Inc., New York, N. Y. Slips. 358,235; July 5; Serial No. 397,240; published Nov. 23, 1937. Class 39.

Calorider Corporation, Old Greenwich, Conn. Humidifiers and dehumidifiers. 358,280; July 5; Serial No. 402,717; published Apr. 26, 1938. Class 34.

Celluloid Corporation, Newark, N. J. Plastic material. 358,323; July 5; Serial No. 403,638; published Apr. 26, 1938. Class 1.

Central Lemon Association. (See Tustin Lemon Association, assignor.)

Cerruti & Cominelli, New York, N. Y. Cheese. 358,364; July 5. Class 46.

Chesapeake Baking Company. (See Nield, E. H.)

Cleland Simpson Company, Scranton, Pa. Shirts. 358,346; July 5. Class 39.

Cle-Sof Products, Chicago, Ill. Hand soap. 358,243; July 5; Serial No. 399,639; published Apr. 26, 1938. Class 4.

Cohen, A., & Sons Corp., New York, N. Y. Billfolds, travelling bags, handbags, etc. 358,344; July 5. Class 3.

Comfy Manufacturing Co., The, Baltimore, Md. Slip covers. 358,277; July 5; Serial No. 402,591; published Apr. 26, 1938. Class 42.

Commercial Fuel Company, Pittsburg, Kans. Coal. 358,284; July 5; Serial No. 402,768; published Apr. 26, 1938. Class 1.

Corry-Jamestown Manufacturing Corporation, Corry, Pa. Metal furniture and office equipment. 358,343; July 5. Class 32.

Coy, Joseph A., Company, Tulsa, Okla. Crude oil dehydrator header and tube assemblies. 358,232; July 5; Serial No. 394,585; published Apr. 26, 1938. Class 34.

Crucible Steel Company of America, New York, N. Y. Agricultural discs. 358,334; July 5; Serial No. 403,938; published Apr. 26, 1938. Class 23.

Crum, Doctor and Mrs., Indianapolis, Ind. Etheric vibrators. 358,329; July 5; Serial No. 403,721; published Apr. 26, 1938. Class 44.

Daniels, Claude H., East Portchester, Conn. Deformable rubber and cork composition. 358,286; July 5; Serial No. 402,814; published Apr. 26, 1938. Class 1.

Dalva's Ltd. (See da Silva, Clemente.)

Da Silva, Clemente, doing business as Dalva's Ltd., and C. da Silva, Vila Nova de Gaia, Portugal. Port wine and sherry. 358,296; July 5; Serial No. 403,168; published Apr. 26, 1938. Class 47.

Davenport Hosiery Mills, Inc., Chattanooga, Tenn. Crepe hosiery. 358,341; July 5. Class 39.

Decatur Milling Company, Inc. (See American Hominy Company, assignor.)

Deco Restaurants, Inc., Buffalo, N. Y. Baked beans, brown corned beef hash, etc. 358,228; July 5; Serial No. 389,873; published Apr. 26, 1938. Class 46.

Decorative Cabinet Corp., Brooklyn and New York, N. Y. Wood framed cardboard cabinets, chests, and boxes. 358,226; July 5; Serial No. 386,073; published Feb. 16, 1937. Class 2.

Decorators Wall Paper Co., St. Louis, Mo. Wall paper. 358,248–9; July 5; Serial Nos. 399,828–9; published Apr. 26, 1938. Class 37.

Deering-Milliken & Co., Incorporated, New York, N. Y. Yarns and threads. 358,250; July 5; Serial No. 399,996; published Apr. 26, 1938. Class 43.

Deering-Milliken & Co., Incorporated, New York, N. Y. Piece goods and sheets and pillow cases. 358,251–2; July 5; Serial Nos. 399,997–8; published Apr. 26, 1938. Class 42.

Deininger, Ray, & Company, New York, N. Y. Coffee. 358,288; July 5; Serial No. 402,936; published Apr. 26, 1938. Class 46.

Del Mar Canning Co., Monterey, Calif. Sardines. 358,363; July 5. Class 46.

Drug Sundries Inc., Chicago, Ill. Adhesive tape, gauze bandage, etc. 358,326; July 5; Serial No. 403,681; published Apr. 26, 1938. Class 44.

Du Pont, E. I., de Nemours & Company, Wilmington, Del. Fertilizers. 358,337; July 5; Serial No. 404,280; published Apr. 26, 1938. Class 10.

Eastyarn, Inc., Brooklyn, N. Y. Yarns. 358,319; July 5; Serial No. 403,543; published Apr. 26, 1938. Class 43.

Eclipse Lawn Mower Co., The, Prophetstown, Ill. Hand and power lawn mowers. 358,311; July 5; Serial No. 403,402; published Apr. 26, 1938. Class 23.

Electra Manufacturing Co. (See Lafite, Roger G.)

Emlong, Ralph R., doing business as Emlong's Nursery, Stevensville, Mich. Fruit plants and fruit trees. 358,260; July 5; Serial No. 400,756; published Feb. 15, 1938. Class 1.

Empire Electric Brake Corporation, Dover, Del. Vehicle brakes and parts thereof. 358,295; July 5; Serial No. 403,079; published Apr. 26, 1938. Class 19.

Erasmic Company, Limited, The, Warrington, England. Toilet soap and shaving soap. 358,271; July 5; Serial No. 402,253; published Apr. 26, 1938. Class 4.

Evans Fur Company, Chicago, Ill. Fur coats, fur scarfs, and fur jackets. 358,356; July 5. Class 39.

Evans Products Company, Detroit, Mich. Pressure and thermostatic regulating valve. 358,305; July 5; Serial No. 403,242; published Apr. 26, 1938. Class 26.

Falls City Mills Co., Louisville, Ky., assignor to Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 123,218; renewed Oct. 22, 1938.

Firth Carpet Company, The, New York, N. Y. Carpets and rugs. 358,294; July 5; Serial No. 403,037; published Apr. 26, 1938. Class 42.

Forest City Manufacturing Company, St. Louis, Mo. Junior dresses. 358,351; July 5. Class 39.

Frick Company, Waynesboro, Pa. Shaft seals. 358,268; July 5; Serial No. 401,814; published Apr. 26, 1938. Class 35.

Friedman, William R., doing business as Wm. R. Friedman Co., New York, N. Y. Underwear for women and misses. 358,350; July 5. Class 39.

Fry Products, Incorporated, Detroit, Mich. Tailored-to-fit automobile seat and back covers and temporary or summer coverings to cover the lining, trim, etc. of automobiles. 358,227; July 5; Serial No. 386,854; published Apr. 26, 1938. Class 19.

Germfrē Products Co., The, San Francisco, Calif. Wall tooth brush holders. 358,340; July 5. Class 13.

Gillespie Varnish Company, Jersey City, N. J. Paints, lacquers, oil colors, etc. 358,233; July 5; Serial No. 395,410; published Apr. 26, 1938. Class 16.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Woolen automobile robes. 358,239; July 5; Serial No. 398,676; published Apr. 26, 1938. Class 42.

Gotfried, M. A., doing business as M. A. Gotfried Co., Santa Paula, Calif. Fresh carrots. 358,234; July 5; Serial No. 397,077; published Feb. 1, 1938. Class 46.

Gunmakers of America, Inc., Clifton Heights, Pa. Chewing gum. 358,290; July 5; Serial No. 402,971; published Apr. 26, 1938. Class 46.

Haft, Morris W., & Bros., Inc., New York, N. Y. Woolen piece goods. 358,269; July 5; Serial No. 402,001; published Apr. 26, 1938. Class 42.

Harlingen Canning Company, Harlingen, Tex. Canned citrus fruits, vegetables, and canned citrus fruit juices. 358,307; July 5; Serial No. 403,312; published Apr. 26, 1938. Class 46.

Hercules Cement Corporation, Stockertown, to Hercules Cement Corporation, Philadelphia, Pa. Structural cement. 123,597; renewed Nov. 19, 1938.

Hirsch, Louis, Textile Machines, Inc., New York, N. Y. Hosiery. 358,302; July 5; Serial No. 403,231; published Apr. 19, 1938. Class 39.

Hirsch, Louis, Textile Machines, Inc., New York, N. Y. Hosiery. 358,304; July 5; Serial No. 403,234; published Apr. 19, 1938. Class 39.

Hoffmann, Otto J., doing business as Bell's Homeopathic Pharmacy and Bell's Homeo. Laboratories, New York, N. Y. Liquid extract of garlic. 358,255; July 5; Serial No. 400,231; published Apr. 26, 1938. Class 46.

Hommel, Wm. H., doing business as The M. Hommel Wine Co., Sandusky, Ohio. Wines. 358,238; July 5; Serial No. 398,619; published Feb. 22, 1938. Class 47.

Hunt Brothers Packing Company, San Francisco, Calif. Canned fruit juices. 358,257–8; July 5; Serial Nos. 400,599–600; published Apr. 26, 1938. Class 46.

Huyck, F. C., & Sons, Rensselaer and Albany, N. Y. Bed blankets. 358,324; July 5; Serial No. 403,670; published Apr. 26, 1938. Class 42.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Photographic cameras. 358,312; July 5; Serial No. 403,406; published Apr. 26, 1938. Class 26.

Ideal Novelty & Toy Co., Long Island City, N. Y. Dolls. 358,332; July 5; Serial No. 403,769; published Apr. 26, 1938. Class 22.

Interwoven Stocking Company. (See Falls City Mills Co., assignor.)

Isaacson, L., & Sons, Inc., New York, N. Y. Juvenile clothing. 358,247; July 5; Serial No. 399,713; published Apr. 19, 1938. Class 39.

Johnson Educator Food Co., Boston, assignor to Megowen-Educator Food Company, Cambridge, Mass. Crackers, cakes, and biscuits. 123,359; renewed Oct. 29, 1938.

Jordan Marsh Company, Boston, Mass. Men's suits, topcoats, and overcoats. 358,327; July 5; Serial No. 403,690; published Apr. 26, 1938. Class 39.

Jordan Marsh Company, Boston, Mass. Women's dresses. 358,328; July 5; Serial No. 403,691; published Apr. 26, 1938. Class 39.

Kaufman, B. M., Inc., New York, N. Y. Woolen and worsted piece goods. 358,289; July 5; Serial No. 402,943; published Apr. 26, 1938. Class 42.

Kenneth, Malcolm, Co., Boston, Mass. Overcoats and topcoats. 358,362; July 5. Class 39.

Kleen-Et Products Co. (See Thompson, Lester E.)

Knight, Wm. M., Minneapolis, Minn., assignor, by mesne assignments, to The Anacin Company, Jersey City, N. J. Medicinal preparation. 123,606; renewed Nov. 19, 1938.

Knott, Wm. T., Company, Inc., New York, N. Y. Handbags, pocketbooks, purses, etc. 358,357; July 5. Class 3.

Korby Sports Wear Incorporated, New York, N. Y. Ladies' sportswear. 358,261; July 5; Serial No. 400,911; published Apr. 19, 1938. Class 39.

Kramer Bros., New York, N. Y. Hosiery. 358,298; July 5; Serial No. 403,213; published Apr. 19, 1938. Class 39.

Lafite, Roger G., doing business as Electra Manufacturing Co., Kansas City, Mo. Electrically operated horns. 358,306; July 5; Serial No. 403,270; published Apr. 26, 1938. Class 21.

Lakeside Central Company, Chicago, Ill. Envelopes. 358,355; July 5. Class 37.

Langdon, John R., doing business as Respir-aid Mfg. Co., Pittsburgh, Pa. Electrically heated apparatus for therapeutic treatment. 358,320; July 5; Serial No. 403,551; published Apr. 26, 1938. Class 44.

Lanman & Kemp, assignor to Lanman & Kemp-Barclay & Co. Incorporated, New York, N. Y. Liquid vermifuge. 123,610; renewed Nov. 19, 1938.

La Plant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa. Scraper-carriers and scrapers, bulldozers, and snow plows. 358,265; July 5; Serial No. 401,492; published Apr. 26, 1938. Class 23.

La Touraine Co., Inc., New York, N. Y. Egg paste. 358,292; July 5; Serial No. 403,008; published Apr. 26, 1938. Class 46.

Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Depilatory. 123,441; renewed Nov. 12, 1938.

Livingston, L. D., & Sons, New York, N. Y. Shirt blouses. 358,281; July 5; Serial No. 402,730; published Apr. 19, 1938. Class 39.

Mallinckrodt, L. K., Baltimore, Md. Wrapping-paper. 123,619; renewed Nov. 19, 1938.

Marshall Field & Company, Chicago, Ill. Cotton-batting. 121,798; renewed May 28, 1938.

Marvel, Inc., Brooklyn, N. Y. Mustard. 358,359; July 5. Class 46.

May Hosiery Mills, Inc., Burlington, N. C. Hosiery. 358,299; July 5; Serial No. 403,215; published Apr. 19, 1938. Class 39.

McCormick & Co., Incorporated, Baltimore, Md. Food-flavoring extracts. 123,615; renewed Nov. 19, 1938.

Megowen-Educator Food Company. (See Johnson Educator Food Co., assignor.)

Metaxa, Angelos S., Andrew S., and G. S., doing business as S. & A. & E. Metaxa, Piraeus, Greece. Liqueur. 358,321; July 5; Serial No. 403,599; published Apr. 26, 1938. Class 49.

Miller, Albert, & Co., Chicago, Ill. Potatoes. 358,278; July 5; Serial No. 402,641; published Apr. 26, 1938. Class 46.

Miller, Albert, & Co., Chicago, Ill. Potatoes. 358,313; July 5; Serial No. 402,418; published Apr. 26, 1938. Class 46.

Minchenberg, David, New York, N. Y. Dresses, blouses, culottes, etc. 358,297; July 5; Serial No. 403,189; published Apr. 26, 1938. Class 39.

Mitchell & Weber, Inc., New York, N. Y. Dresses and blouses. 358,272; July 5; Serial No. 402,385; published Apr. 26, 1938. Class 39.

Molly-O Corporation, Chicago, Ill. Frosted malted milk preparations. 358,300; July 5; Serial No. 403,218; published Apr. 26, 1938. Class 46.

Morgan-Sabalol Products, Inc., New York, N. Y. Compound for cleaning dental plates, etc. 358,229; July 5; Serial No. 389,908; published Apr. 26, 1938. Class 4.

Nelson, Baker & Company, Detroit, Mich. Face-powders, talcum powders. 123,473; renewed Nov. 12, 1938.

Nicoud Manufacturing Co., Chicago, Ill. Battery gauges. 358,279; July 5; Serial No. 402,644; published Apr. 26, 1938. Class 26.

Nield, E. H., doing business as Chesapeake Baking Company, Baltimore, Md. Doughnuts. 358,273; July 5; Serial No. 402,434; published Apr. 26, 1938. Class 46.

North American Electric Lamp Company, St. Louis, Mo. Adapter devices for substitution for the burner elements of oil lamps. 358,256; July 5; Serial No. 400,520; published Apr. 26, 1938. Class 21.

Novelview, Inc., New York, N. Y. Photographic films and viewing devices. 358,225; July 5; Serial No. 374,474; published Apr. 26, 1938. Class 26.

Old Town Ribbon & Carbon Co. Inc., New York, N. Y. Carbon-paper. 123,479; renewed Nov. 12, 1938.

Paramount Textile Machinery Co., Kankakee and Chicago, Ill. Garment drying forms. 358,263; July 5; Serial No. 401,272; published Apr. 26, 1938. Class 24.

Pastene & Co., Inc., doing business as Splendor Products Co., New York, N. Y. Salad oil. 358,314; July 5; Serial No. 403,465; published Apr. 26, 1938. Class 46.

Perry, Leo, doing business as Whitewater Garment Company, Whitewater, Wis. Sport jackets. 358,315–6; July 5; Serial Nos. 403,466–7; published Apr. 26, 1938. Class 39.

Peterson Lithograph & Printing Company, doing business as United States Check Book Company, Omaha, Nebr. Checks, deposit slips, signature cards, etc. 358,264; July 5; Serial No. 401,273; published Apr. 26, 1938. Class 37.

Planter's Nut & Chocolate Company, Wilkes-Barre, to Planters Nut & Chocolate Company, Wilkes-Barre, Pa., and Suffolk, Va. Foods. 123,641; renewed Nov. 19, 1938.

Pollack, Max, & Company, Inc., New York, N. Y. Thread. 358,291; July 5; Serial No. 402,984; published Apr. 12, 1938. Class 43.

Printz-Biederman Company, The, Cleveland, Ohio. Women's coats and suits. 358,353–4; July 5. Class 39.

Randall, C. Ray, Company, North Attleboro, Mass. Brooches, pins, clasps, etc. 358,361; July 5. Class 28.

Reilly, Frank C., New York, N. Y. Electric flat irons and foot-operated switches. 358,241; July 5; Serial No. 399,010; published Feb. 22, 1938. Class 21.

Reinberger & Collier, Pine Bluff, Ark. Medicine. 123,156; renewed Oct. 15, 1938.

Respir-aid Mfg. Co. (See Langdon, John R.)

Rich, E. C., Inc., New York, N. Y. Gelatin desserts. 358,345; July 5. Class 46.

Rio Grande Valley Citrus Exchange, Weslaco, Tex. Canned fruit juices. 358,242; July 5; Serial No. 399,330; published Apr. 26, 1938. Class 46.

Rio Grande Valley Citrus Exchange, Weslaco, Tex. Fresh citrus fruits. 358,270; July 5; Serial No. 402,025; published Apr. 26, 1938. Class 46.

Riverbank Canning Company, Riverbank, Calif. Prepared food products. 358,237; July 5; Serial No. 398,128; published Feb. 8, 1938. Class 46.

Rosemary Manufacturing Company, Roanoke Rapids, N. C. Table linens and napkins. 358,339; July 5. Class 42.

S. B. Novelty Co. (See Sadowsky, Solomon.)

Sadowsky, Solomon, doing business as S. B. Novelty Co., New York, N. Y. Collapsible bathtubs. 358,231; July 5; Serial No. 394,056; published Apr. 26, 1938. Class 13.

Schainman Sportwear Co., New York, N. Y. Sportwear. 358,282; July 5; Serial No. 402,743; published Apr. 26, 1938. Class 39.

Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sport sweaters and two-piece knitted dresses. 358,287; July 5; Serial No. 402,870; published Apr. 19, 1938. Class 39.

Shellcraft, Inc., Miami, Fla. Sea-shell creations. 358,244; July 5; Serial No. 399,684; published Apr. 26, 1938. Class 50.
Shlansky, Philip, & Bro., Inc., New York, N. Y. Women's and misses' coats and suits. 358,301; July 5; Serial No. 403,230; published Apr. 19, 1938. Class 39.
Siceloff Manufacturing Company, Lexington, N. C. Overalls, and work coats, shirts, and pants. 358,253; July 5; Serial No. 400,042; published Feb. 1, 1938. Class 39.
Smith, Fred L., Lake Ozark, Mo. Fish bait. 358,318; July 5; Serial No. 403,523; published Apr. 26, 1938. Class 22.
Society Maid Hosiery Co. Inc., New York, N. Y., assignor to Society Maid Hosiery Mills Inc., Willow Grove, Pa. Hosiery. 122,044; renewed June 18, 1938.
Sohmer, Harry J., doing business as Sohmer & Co., New York, N. Y. Pianos. 358,308; July 5; Serial No. 403,335; published Apr. 26, 1938. Class 36.
Sparta Foundry Company, Sparta, Mich. Piston rings. 358,336; July 5; Serial No. 404,061; published Apr. 26, 1938. Class 35.
Splendor Products Co. (See Pastene & Co., Inc.)
Staley, A. E., Manufacturing Company, Decatur, Ill. Laundry starch. 358,338; July 5. Class 6.
Stanley, John T., Co., Inc., New York, N. Y. Polishing preparations. 358,349; July 5. Class 16.
Stuart Place Citrus Association, Harlingen, Tex. Fresh citrus fruits. 358,245; July 5; Serial No. 399,687; published Apr. 26, 1938. Class 46.
Stuart Place Citrus Association, Harlingen, Tex. Fresh citrus fruits. 358,246; July 5; Serial No. 399,689; published Apr. 26, 1938. Class 46.
Sunset Packing Corporation, Los Angeles, Calif. Canned citrus fruit juices. 358,360; July 5. Class 45.
Supreme Olive Oil Corp., San Fernando, Calif. Canned fruits, ripe olives, olive oil, etc. 358,266; July 5; Serial No. 401,709; published Apr. 26, 1938. Class 46.
Taylor, George, (Brass Founders) Limited, Bolton, England. Fluid pressure gauges. 358,309; July 5; Serial No. 403,384; published Apr. 26, 1938. Class 26.
Thompson, Lester E., doing business as Kleen-Et Products Co., Mansfield, Ohio. Soap product. 358,293; July 5; Serial No. 403,023; published Apr. 26, 1938. Class 4.
Tustin Lemon Association, Tustin, assignor to Central Lemon Association, Orange, Calif. Lemons. 123,073; renewed Oct. 8, 1938.
Union Rendering Company, Inc., Baltimore, Md. Stock food. 358,285; July 5; Serial No. 402,801; published Apr. 26, 1938. Class 46.
United States Check Book Company. (See Peterson Lithograph & Printing Company.)
United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 358,330–1; July 5; Serial Nos. 403,741–2; published Apr. 26, 1938. Class 22.
U. S. Expansion Bolt Co., New York, N. Y. Drill points. 358,347; July 5. Class 23.
Vick Chemical Co., The, near Greensboro, N. C., assignor to Vick Chemical Company, New York, N. Y. Medicinal salve, liver-pills, and a liniment. 123,667; renewed Nov. 19, 1938.
Walsh, James, & Co. Inc., Lawrenceburg, Ind. Straight bourbon whiskey. 358,322; July 5; Serial No. 403,621; puzlished Apr. 26, 1938. Class 49.
Walworth Manufacturing Company, Boston, Mass., now by change of name Walworth Company. Steam-fittings. 122,169; renewed July 2, 1938.
Washburn Company, The, Worcester, Mass. Flour sifters. 358,276; July 5; Serial No. 402,546; published Apr. 26, 1938. Class 23.
Whitewater Garment Company. (See Perry, Leo.)
Wilson Welder and Metals Co., Inc., New York, N. Y. Electric arc welding machines. 358,262; July 5; Serial No. 401,169; published Feb. 22, 1938. Class 21.
Wistrand Manufacturing Co., to John H. Best & Sons, Inc., Galva, Ill., successor. Water-elevating pumps and windmills. 122,561; renewed Aug. 20, 1938.
Wolf Drug Company, Newark, N. J. Hair brushes. 358,358; July 5. Class 29.
Wright-De Coster, Inc., St. Paul, Minn. Intercommunicating voice transmission systems. 358,348; July 5. Class 21.

LIST OF REGISTRANTS OF LABELS

Culver City Fireworks Company, Inc., Culver City, Calif. Elk Brand. For Flashlight Crackers. 51,438; July 5.
Daylight Food Products Co., Baltimore, Md. Daylight Brand. For a Sandwich Spread. 51,439; July 5.
Durkee-Mower, Inc., Lynn, Mass. Marshmallow Fluff. For Marshmallow Product. 51,440; July 5.
Eagle Lock Company, Terryville, Conn. Screwy. For a Game. 51,441; July 5.
Helms Bakeries, Los Angeles, Calif. World Champion! For Bread. 51,442; July 5.
Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Penetrating Floor Sealer. For a Sealer for Floors. 51,443; July 5.
Kilgore Manufacturing Company, The, Westerville, Ohio. Jewels for Playthings. For Toys. 51,444; July 5.
Menasha Products Company, Menasha, Wis. Buns. For Buns. 51,445; July 5.
Tuscanola Laboratories, Texarkana, Ark. Percol-8. For a Medicinal Compound. 51,446; July 5.

LIST OF REGISTRANTS OF PRINTS

Ayrshire Breeders' Association, Brandon, Vt. Approved Ayrshire Milk. For Milk. 16,924; July 5.
Cream of Wheat Corporation, The, Minneapolis, Minn. Perfect Digestability. For Wheat Breakfast Food. 16,925; July 5.
Hills Bros., San Francisco, Calif. The Horse is Not Judged of by the Saddle. For Coffee. 16,926; July 5.
Hills Bros., San Francisco, Calif. A Good Drum Does Not Need Hard Striking. For Coffee. 16,927; July 5.
Keasbey & Mattison Company, Ambler, Pa. Mains Without Maintenance. For Asbestos-Cement Pipe. 16,928; July 5.
Parker Pen Company, The, Janesville, Wis. 3,739 Graduates of '38 Were Asked by 73 College Newspapers "Which Pen Would You Prefer as a Gift?" For Fountain Pens, Mechanical Pencils and Ink. 16,929; July 5.
Tasty Baking Company, Philadelphia, Pa. Tastykake Pretzels. For Pretzels. 16,930; July 5.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Commercial Fuel Company. 358,284; July 5; Serial No. 402,768; published Apr. 26, 1938.
Cotton-batting. Marshall Field & Company. 121,798; renewed May 28, 1938.
Plants and fruit trees, Fruit. R. R. Emlong. 358,260; July 5; Serial No. 400,756; published Feb. 15, 1938.
Plastic material. Celluloid Corporation. 358,323; July 5; Serial No. 403,638; published Apr. 26, 1938.
Rubber and cork composition, Deformable. C. H. Daniels. 358,286; July 5; Serial No. 402,814; published Apr. 26, 1938.

CLASS 2

Cabinets, chests, and boxes, Wood framed cardboard. Decorative Cabinet Corp. 358,226; July 5; Serial No. 386,073; published Feb. 16, 1937.

CLASS 3

Billfolds, travelling bags, handbags, etc. A. Cohen & Sons Corp. 358,344; July 5.
Handbags, pocketbooks, purses, etc. Wm. T. Knott Company. 358,357; July 5.

CLASS 4

Compound for cleaning dental plates etc. Morgan-Sabalol Products, Inc. 358,229; July 5; Serial No. 389,998; published Apr. 26, 1938.
Soap and shaving soap, Toilet. Erasmic Company. 358,271; July 5; Serial No. 402,253; published Apr. 26, 1938.
Soap, Hand. Cle-Sof Products. 358,243; July 5; Serial No. 399,639; published Apr. 26, 1938.
Soap product. L. E. Thompson. 358,293; July 5; Serial No. 403,023; published Apr. 26, 1938.

CLASS 5

Adhesive binders. American Bitumuls Company. 358,267; July 5; Serial No. 401,718; published Apr. 26, 1938.

CLASS 6

Depilatory. F. N. Lewis. 123,441; renewed Nov. 12, 1938.
Medicinal preparation. W. M. Knight. 123,606; renewed Nov. 19, 1938.
Medicine. Reinberger & Collier. 123,156; renewed Oct. 15, 1938.
Powders, talcum powders, Face. Nelson, Baker & Company. 123,473; renewed Nov. 12, 1938.
Salve, liver-pills, and a liniment, Medicinal. Vick Chemical Co. 123,667; renewed Nov. 19, 1938.
Starch, Laundry. A. E. Staley. 358,338; July 5.
Vermifuge, Liquid. Lanman & Kemp. 123,610; renewed Nov. 19, 1938.

CLASS 10

Fertilizers. E. I. du Pont de Nemours and Company. 358,337; July 5; Serial No. 404,280; published Apr. 26, 1938.

CLASS 11

Carbon-paper. Old Town Ribbon & Carbon Co. Inc. 123,479; renewed Nov. 12, 1938.

CLASS 12

Cement, Structural. Hercules Cement Corporation. 123,597; renewed Nov. 19, 1938.

CLASS 13

Bathtubs, Collapsible. S. Sadowsky. 358,231; July 5; Serial No. 394,056; published Apr. 26, 1938.
Holders, Wall tooth brush. Germfre Products Co. 358,340; July 5.
Steam-fittings. Walworth Manufacturing Company. 122,169; renewed July 2, 1938.

CLASS 16

Paints. Bloomingdale Bros., Inc. 358,352; July 5.
Paints, lacquers, oil colors, etc. Gillespie Varnish Company. 358,253; July 5; Serial No. 395,410; published Apr. 26, 1938.
Polishing preparation. John T. Stanley Co. 358,349; July 5.

CLASS 17

Cigars. American Tobacco Company. 358,325; July 5; Serial No. 403,673; published Apr. 26, 1938.

CLASS 19

Brakes and parts thereof, Vehicle. Empire Electric Brake Corporation. 358,295; July 5; Serial No. 403,079; published Apr. 26, 1938.
Covers and temporary or summer coverings to cover the lining, trim, etc. of automobiles, Tailored-to-fit automobile seat and back. Fry Products, Incorporated. 358,227; July 5; Serial No. 386,854; published Apr. 26, 1938.

CLASS 21

Adapter devices for substitution for the burner elements of oil lamps. North American Electric Lamp Company. 358,256; July 5; Serial No. 400,520; published Apr. 26, 1938.
Electric arc welding machines. Wilson Welder and Metals Co. 358,262; July 5; Serial No. 401,169; published Feb. 22, 1938.
Horns, Electrically operated. R. G. Lafine. 358,306; July 5; Serial No. 403,270; published Apr. 26, 1938.
Irons and foot-operated switches, Electric flat. P. C. Reilly. 358,241; July 5; Serial No. 399,010; published Feb. 22, 1938.
Search-lights and electric lanterns, Electric. American La France Fire Engine Co. 123,080; renewed Oct. 15, 1938.
Voice transmission systems, Intercommunicating. Wright-De Coster, Inc. 358,348; July 5.

CLASS 22

Cards, Playing. United States Playing Card Company. 358,330–1; July 5; Serial Nos. 403,741–2; published Apr. 26, 1938.
Dolls. Ideal Novelty & Toy Co. 358,332; July 5; Serial No. 403,769; published Apr. 26, 1938.
Fish bait. F. L. Smith. 358,318; July 5; Serial No. 403,523; published Apr. 26, 1938.

CLASS 23

Automotive and industrial lubricating equipment and parts. Aro Equipment Corporation. 358,240; July 5; Serial No. 398,748; published Apr. 26, 1938.
Discs, Agricultural. Crucible Steel Company of America. 358,334; July 5; Serial No. 403,938; published Apr. 26, 1938.
Drill points. U. S. Expansion Bolt Co. 358,347; July 5.
Fire-engines, chemical fire-engines, water-towers, etc., Steam. American La France Fire Engine Co. Inc. 122,769; renewed Sept. 17, 1938.
Mowers, Hand and power lawn. Eclipse Lawn Mower Co. 358,311; July 5; Serial No. 403,402; published Apr. 26, 1938.
Pumps and windmills, Water-elevating. Wistrand Manufacturing Co. 122,561; renewed Aug. 20, 1938.
Scraper-carriers and scrapers, bulldozers, and snow plows. LaPlant-Choate Manufacturing Co. Inc. 358,265; July 5; Serial No. 401,462; published Apr. 26, 1938.
Sifters, Flour. Washburn Company. 358,276; July 5; Serial No. 402,546; published Apr. 26, 1938.
Tools for applying hose clamps. Band-It Company. 358,303; July 5; Serial No. 403,233; published Apr. 26, 1938.

CLASS 24

Forms, Garment drying. Paramount Textile Machinery Co. 358,263; July 5; Serial No. 401,272; published Apr. 26, 1938.

CLASS 26

Cameras, Photographic. I. G. Farbenindustrie Aktiengesellschaft. 358,312; July 5; Serial No. 403,406; published Apr. 26, 1938.
Films and viewing devices, Photographic. Novelview, Inc. 358,225; July 5; Serial No. 374,474; published Apr. 26, 1938.
Gauges, Battery. Nicoud Manufacturing Co. 358,279; July 5; Serial No. 402,644; published Apr. 26, 1938.
Gauges, Fluid pressure. George Taylor (Brass Founders) Limited. 358,309; July 5; Serial No. 403,384; published Apr. 26, 1938.
Valves, Pressure and thermostatic regulating. Evans Products Company. 358,305; July 5; Serial No. 403,242; published Apr. 26, 1938.

CLASS 28

Brooches, pins, clasps, etc. C. Ray Randall Company. 358,361; July 5.

CLASS 29

Brushes, Hair. Wolf Drug Company. 358,358; July 5.

CLASS 32

Furniture and office equipment, Metal. Corry-Jamestown Manufacturing Corporation. 358,343; July 5.

CLASS 34

Air-distributing apparatus. Burgess Battery Company. 358,342; July 5.
Dehydrator header and tube assemblies, Crude oil. Joseph A. Coy Company. 358,232; July 5; Serial No. 394,585; published Apr. 26, 1938.
Gas appliances, Association of Gas Appliance and Equipment Manufacturers. 358,274–5; July 5; Serial Nos. 402,502–3; published May 3, 1938.
Humidifiers and dehumidifiers. Calorider Corporation. 358,280; July 5; Serial No. 402,717; published Apr. 26, 1938.
Stokers and parts thereof, Furnace. American Engineering Company. 358,230; July 5; Serial No. 390,155; published Apr. 26, 1938.

CLASS 35

Piston rings. Sparta Foundry Company. 358,336; July 5; Serial No. 404,061; published Apr. 26, 1938.
Seals, Shaft. Frick Company. 358,268; July 5; Serial No. 401,814; published Apr. 26, 1938.

CLASS 36

Pianos. H. J. Sohmer. 358,308; July 5; Serial No. 403,335; published Apr. 26, 1938.

CLASS 37

Checks, deposit slips, signature cards, etc. Peterson Lithograph & Printing Company. 358,264; July 5; Serial No. 401,273; published Apr. 26, 1938.
Envelopes. Lakeside Central Company. 358,355; July 5.
Paper, Wall. Decorators Wall Paper Co. 358,248–9; July 5; Serial Nos. 399,828–9; published Apr. 26, 1938.
Paper, Wrapping. L. K. Mallinckrodt. 123,619; renewed Nov. 19, 1938.

CLASS 39

Blouses, Shirt. L. D. Livingston & Sons. 358,281; July 5; Serial No. 402,730; published Apr. 19, 1938.
Clothing, Juvenile. L. Isaacson & Sons, Inc. 358,247; July 5; Serial No. 399,713; published Apr. 19, 1938.
Coats and suits, Women's. Printz-Biederman Company. 358,353–4; July 5.
Coats and suits, Women's and misses'. Philip Shlansky & Bro., Inc. 358,301; July 5; Serial No. 403,230; published Apr. 19, 1938.
Coats, fur scarfs, and fur jackets, Fur. Evans Fur Company. 358,356; July 5.
Dresses and blouses. Mitchell & Weber, Inc. 358,272; July 5; Serial No. 402,385; published Apr. 26, 1938.
Dresses, blouses, culottes, etc. D. Minchenberg. 358,297; July 5; Serial No. 403,189; published Apr. 26, 1938.
Dresses, Junior. Forest City Manufacturing Company. 358,351; July 5.

Dresses, Women's. Jordan Marsh Company. 358,328; July 5; Serial No. 403,691; published Apr. 26, 1938.
Hosiery. Falls City Mills Co. 123,218; renewed Oct. 22, 1938.
Hosiery. Louis Hirsch Textile Machines, Inc. 358,302; July 5; Serial No. 403,231; published Apr. 19, 1938.
Hosiery. Louis Hirsch Textile Machines, Inc. 358,304; July 5; Serial No. 403,234; published Apr. 19, 1938.
Hosiery. Kramer Bros. 358,298; July 5; Serial No. 403,213; published Apr. 19, 1938.
Hosiery. May Hosiery Mills, Inc. 358,299; July 5; Serial No. 403,215; published Apr. 19, 1938.
Hosiery. Society Maid Hosiery Co. Inc. 122,044; renewed June 18, 1938.
Hosiery, Crepe. Davenport Hosiery Mills, Inc. 358,341; July 5.
Jackets, Sport. L. Perry. 358,315–6; July 5; Serial Nos. 403,466–7; published Apr. 26, 1938.
Linings for garments. Alligator Company. 358,254; July 5; Serial No. 400,219; published Feb. 1, 1938.
Overalls and work coats, shirts, and pants. Siceloff Manufacturing Company. 358,253; July 5; Serial No. 400,042; published Feb. 1, 1938.
Overcoats and topcoats. Malcolm Kenneth Co. 358,362; July 5.
Shirts. Cleland Simpson Company. 358,346; July 5.
Slips. Bregstein-Richman, Inc. 358,235; July 5; Serial No. 397,240; published Nov. 23, 1937.
Sportswear, Ladies'. Korby Sports Wear Incorporated. 358,261; July 5; Serial No. 400,911; published Apr. 19, 1938.
Sportwear. Schainman Sportwear Co. 358,282; July 5; Serial No. 402,743; published Apr. 26, 1938.
Suits, top-coats, and overcoats, Men's. Jordan Marsh Company. 358,327; July 5; Serial No. 403,690; published Apr. 26, 1938.
Sweaters and two-piece knitted dresses, Ladies' and misses' knitted. Select Sportswear, Inc. 358,287; July 5; Serial No. 402,870; published Apr. 19, 1938.
Underwear. Belle Knitting Corp. 358,317; July 5; Serial No. 403,500; published Apr. 26, 1938.
Underwear for women and misses. W. R. Friedman. 358,350; July 5.

CLASS 42

Blankets, Bed. F. C. Huyck & Sons. 358,324; July 5; Serial No. 403,670; published Apr. 26, 1938.
Carpets and rugs. Firth Carpet Company. 358,294; July 5; Serial No. 403,037; published Apr. 26, 1938.
Covers, Slip. Comfy Manufacturing Co. 358,277; July 5; Serial No. 402,591; published Apr. 26, 1938.
Linens and napkins, Table. Rosemary Manufacturing Company. 358,339; July 5.
Piece goods and sheets and pillow cases. Deering-Milliken & Co. 358,251–2; July 5; Serial Nos. 399,997–8; published Apr. 26, 1938.
Robes, Woolen automobile. Goodyear Tire & Rubber Company. 358,239; July 5; Serial No. 398,676; published Apr. 26, 1938.
Woolen and worsted piece goods. B. M. Kaufman, Inc. 358,289; July 5; Serial No. 402,943; published Apr. 26, 1938.
Woolen piece goods. Morris W. Haft & Bros., Inc. 358,269; July 5; Serial No. 402,001; published Apr. 26, 1938.

CLASS 43

Thread. Max Pollack & Company. 358,291; July 5; Serial No. 402,984; published Apr. 12, 1938.
Yarns. Eastyarn, Inc. 358,319; July 5; Serial No. 403,543; published Apr. 26, 1938.
Yarns and threads. Deering-Milliken & Co. 358,250; July 5; Serial No. 399,996; published Apr. 26, 1938.

CLASS 44

Adhesive tape, gauze bandage, etc. Drug Sundries Inc. 358,326; July 5; Serial No. 403,681; published Apr. 26, 1938.
Apparatus for therapeutic treatment, Electrically heated. J. R. Langdon. 358,320; July 5; Serial No. 403,551; published Apr. 26, 1938.
Razors and safety corn razor blades, Safety corn. American Safety Razor Corporation. 358,335; July 5; Serial No. 403,977; published Apr. 26, 1938.
Vibrators, Etheric. Doctor and Mrs. Crum. 358,329; July 5; Serial No. 403,721; published Apr. 26, 1938.

CLASS 45

Juices, Canned citrus fruit. Sunset Packing Corporation. 358,360; July 5.

CLASS 46

Beans, brown corned beef hash, etc., Baked. Deco Restaurants, Inc. 358,228; July 5; Serial No. 389,873; published Apr. 26, 1938.
Canned citrus fruits, vegetables, and canned citrus fruit juices. Harlingen Canning Company. 358,307; July 5; Serial No. 403,312; published Apr. 26, 1938.
Canned fruit juices. Hunt Brothers Packing Company. 358,257–8; July 5; Serial Nos. 400,599–600; published Apr. 26, 1938.
Canned fruit juices. Rio Grande Valley Citrus Exchange. 358,242; July 5; Serial No. 399,330; published Apr. 26, 1938.
Canned fruits, ripe olives, olive oil, etc. Supreme Olive Oil Corp. 358,266; July 5; Serial No. 401,709; published Apr. 26, 1938.
Carrots, Fresh. M. A. Gottfried. 358,234; July 5; Serial No. 397,077; published Feb. 1, 1938.
Cheese. Cerruti & Cominelli. 358,364; July 5.
Coffee. Ray Deininger & Company. 358,288; July 5; Serial No. 402,936; published Apr. 26, 1938.
Crackers, cakes, and biscuits. Johnson Educator Food Co. 123,359; renewed Oct. 29, 1938.
Doughnuts. E. H. Nield. 358,273; July 5; Serial No. 402,434; published Apr. 26, 1938.
Egg paste. La Touraine Co. 358,292; July 5; Serial No. 403,008; published Apr. 26, 1938.
Extract of garlic, Liquid. O. J. Hoffmann. 358,255; July 5; Serial No. 400,231; published Apr. 26, 1938.
Extracts, Food-flavoring. McCormick & Co. 123,615; renewed Nov. 19, 1938.
Flour, White corn. American Hominy Company. 122,563; renewed Aug. 27, 1938.
Food products, Prepared. Riverbank Canning Company. 358,237; July 5; Serial No. 398,128; published Feb. 8, 1938.
Food, Stock. Union Rendering Company. 358,285; July 5; Serial No. 402,801; published Apr. 26, 1938.
Foods. Planter's Nut & Chocolate Company. 123,641; renewed Nov. 19, 1938.
Foods, Preserved. Bradens California Products, Inc. 358,283; July 5; Serial No. 402,765; published Apr. 26, 1938.
Fruits, Fresh citrus. Rio Grande Valley Citrus Exchange. 358,270; July 5; Serial No. 402,025; published Apr. 26, 1938.
Fruits, Fresh citrus. Stuart Place Citrus Association. 358,245; July 5; Serial No. 399,687; published Apr. 26, 1938.
Fruits, Fresh citrus. Stuart Place Citrus Association. 358,246; July 5; Serial No. 399,689; published Apr. 26, 1938.
Gelatin desserts. E. C. Rich, Inc. 358,345; July 5.
Gum, Chewing. Gumakers of America, Inc. 358,290; July 5; Serial No. 402,971; published Apr. 26, 1938.
Lemons. Tustin Lemon Association. 123,073; renewed Oct. 8, 1938.
Milk preparations, Frosted malted. Molly-O Corporation. 358,300; July 5; Serial No. 403,218; published Apr. 26, 1938.
Mustard. Marvel, Inc. 358,359; July 5.
Potatoes. Albert Miller & Co. 358,278; July 5; Serial No. 402,641; published Apr. 26, 1938.
Potatoes. Albert Miller & Co. 358,313; July 5; Serial No. 403,418; published Apr. 26, 1938.
Salad oil. Pastene & Co. 358,314; July 5; Serial No. 403,465; published Apr. 26, 1938.
Sardines. Del Mar Canning Co. 358,363; July 5.
Vegetables and fresh citrus fruit, Fresh. J. R. Barnett, Inc. 358,310; July 5; Serial No. 402,393; published Apr. 26, 1938.
Vegetables, Fresh. R. M. Barker. 358,259; July 5; Serial No. 400,680; published Feb. 15, 1938.

CLASS 47

Wine and Sherry, Port. C. da Silva. 358,296; July 5; Serial No. 403,168; published Apr. 26, 1938.
Wines. W. H. Hommel. 358,238; July 5; Serial No. 398,619; published Feb. 22, 1938.

CLASS 49

Liqueur. Angelos S., Andrew S., and G. S. Metaxa. 358,321; July 5; Serial No. 403,599; published Apr. 26, 1938.
Whiskey, Straight bourbon. James Walsh & Co. Inc. 358,322; July 5; Serial No. 403,621; published Apr. 26, 1938.
Whiskeys, Rye blended straight. Austin, Nichols & Co. 358,333; July 5; Serial No. 403,896; published Apr. 26, 1938.

CLASS 50

Sea-shell creations. Shellcraft, Inc. 358,244; July 5; Serial No. 399,684; published Apr. 26, 1938.

LIST OF LABELS

Buns. For Buns. Menasha Products Company. 51,445; July 5.
Daylight Brand. For a Sandwich Spread. Daylight Food Products Co. 51,439; July 5.
Elk Brand. For Flashlight Crackers. Culver City Fireworks Company. 51,438; July 5.
Jewels for Playthings. For Toys. Kilgore Manufacturing Company. 51,444; July 5.

Johnson's Penetrating Floor Sealer. For a Sealer for Floors. S. C. Johnson & Son, Inc. 51,443; July 5.
Marshmallow Fluff. For Marshmallow Product. Durkee-Mower, Inc. 51,440; July 5.
Percol-8. For a Medicinal Compound. Tuscanola Laboratories. 51,446; July 5.
Screwy. For a Game. Eagle Lock Company. 51,441; July 5.
World Champion! For Bread. Helms Bakeries. 51,442; July 5.

LIST OF PRINTS

A Good Drum Does Not Need Hard Striking. For Coffee. Hills Bros. 16,927; July 5.
Approved Ayrshire Milk. For Milk. Ayrshire Breeders' Association. 16,924; July 5.
Mains Without Maintenance. For Asbestos-Cement Pipe. Keasbey & Mattison Company. 16,928; July 5.
Perfect Digestibility. For Wheat Breakfast Food. Cream of Wheat Corporation. 16,925; July 5.
Tastykake Pretzels. For Pretzels. Tasty Baking Company. 16,930; July 5.
The Horse is Not Judged of by the Saddle. For Coffee. Hills Bros. 16,926; July 5.
3,739 Graduates of '38 Were Asked by 73 College Newspapers "Which Pen Would You Prefer as a Gift?" For Fountain Pens, Mechanical Pencils and Ink. Parker Pen Company. 16,929; July 5.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 5TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Amon, Fred H., Weston, assignor, by mesne assignments, to Dewey and Almy Chemical Company, Cambridge, Mass. Producing colored concrete. Re. 20,776; July 5.

Associated Telephone and Telegraph Company. (See Taylor, R., and Mason, assignors.)

Calcott, William S., Woodstown, F. B. Downing, Carney's Point, and D. H. Powers, Moorestown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic rubber and its manufacture. Re. 20,777; July 5.

Dewey and Almy Chemical Company. (See Amon, Fred H., assignor.)

Downing, Frederick B. (See Walcott, W. S., Downing, and Powers.)

Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Downing, and Powers, assignors.)

Eckenroth, Henry L., San Francisco, assignor of one-half to L. Hanscom, Berkeley, Calif. Air register. Re. 20,778; July 5.

Garand, George, Rouses Point, N. Y. Locking pin for brake shoes. Re. 20,779; July 5.

Hagist, Emil T., Glenside, Pa. Meter installation. Re. 20,780; July 5.

Hanscom, Le Roy. (See Eckenroth, Henry L., assignor.)

Heidbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Gas administering machine. Re. 20,781; July 5.

Hooper, Harold A. (See Hooper, William J., assignor.)

Hooper, William J., Elsah, assignor of one-half to H. A. Hooper, Chicago, Ill. Faucet connecter. Re. 20,782; July 5.

Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)

Jeffrey, Robert K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Drill mechanism. Re. 20,783; July 5.

Kattermann, Emil D., assignor to Swiss Knitting Company, Dover, N. J. Garment. Re. 20,785; July 5.

Lankelma, Herman P. (See Musselman, J. M., and Lankelma.)

Mason, James A. (See Taylor, R., and Mason.)

Musselman, John M., and H. P. Lankelma, assignors to The Standard Oil Company (Ohio), Cleveland, Ohio. Lubricating oil. Re. 20,784; July 5.

Ohio Chemical and Manufacturing Company, The. (See Heidbrink, Jay A., assignor.)

Owens, Orville R., assignor to Wells-Gardner & Company, Chicago, Ill. Round corner. Re. 20,787; July 5.

Powers, Donald H. (See Calcott, W. S., Downing, and Powers.)

Standard Oil Company (Ohio), The. (See Musselman, J. M., and Lankelma, assignors.)

Swiss Knitting Company. (See Kattermann, Emil D., assignor.)

Taylor, Reginald, Liverpool, and J. A. Mason, Cheshire, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. Re. 20,786; July 5.

Wells-Gardner & Company. (See Owens, Orville R., assignor.)

LIST OF DESIGN PATENTEES

Aizic, Iuliu, New York, N. Y. Toilet bottle. 110,333; July 5.

Alenikoff, Philip, New York, N. Y. Embroidered appliqué emblem. 110,408; July 5.

American Floor Surfacing Machine Company, The. (See Knelsley, R. F., and Wolfe, assignors.)

Anthony, William, Hanover, Pa. Quoit or similar article. 110,334; July 5.

Atwood, James T., Rockford, Ill. Hinge. 110,335; July 5.

Barling, B., & Sons. (See Barling, Walter W., assignor.)

Barling, Walter W., Camden Town, London, assignor to the firm B. Barling & Sons, London, England. Mouthpiece for pipes or the like. 110,336; July 5.

Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Trim for a door or window frame or the like. 110,383; July 5.

Becker, Nathan, New York, N. Y. Tank bulb. 110,337; July 5.

Bell, Dan H., Pittsburgh, Pa., assignor to Transit Research Corporation, New York, N. Y. Rail car or similar article. 110,384; July 5.

Bendix Aviation Corporation. (See Friez, Lucien L., assignor.)

Bennett, Mark J., Denver, Colo. Wall-plaque ashtray. 110,338; July 5.

Bertmann, Jesse W., New York, N. Y. Knitted looped fabric. 110,339; July 5.

Brenner, Louis J., New York, N. Y. Textile fabric. 110,340; July 5.

Brenner, Louis J., New York, N. Y. Textile fabric. 110,409; July 5.

Brookings, Walter D., Jr., Alexandria, Va. Advertising device. 110,385; July 5.

Brown & Sharpe Manufacturing Company. (See Mathewson, Maxwell L., assignor.)

Carter, Walter H., and J. R. Rudderforth, Washington, D. C. Edible container or the like. 110,341; July 5.

Chain Belt Company. (See Marshall, William B., assignor.)

Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 110,342; July 5.

Cohen, William, New York, N. Y. Textile fabric. 110,410; July 5.

Curtis Companies Incorporated. (See Baum, Dwight J., assignor.)

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,343; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,344; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,345; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,346; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,347; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,348; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,349; July 5.

Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,350; July 5.

Dupler, Raymond R., Toledo, Ohio. Combined globe and mounting. 110,351; July 5.

Du Pont, E. I., de Nemours & Company. (See Dunn, E. A., and Gauss, assignors.)

Du Pont, E. I., de Nemours & Company. (See Teetsel, Ralph T., assignor.)

Eppenstein, James F., Chicago, Ill. Chair. 110,386; July 5.

Eppenstein, James F., Chicago, Ill. Chair. 110,387; July 5.

Eskimo Pie Corporation. (See Watts, Warren S., assignor.)

Farber, Louis, Yonkers, N. Y. Serving tray. 110,388; July 5.

Feld, Max, New York, N. Y. Coat. 110,352; July 5.

Finkelstein, Meyer, University City, Mo. Dress. 110,389; July 5.

Fischer, Benjamin, New York, N. Y. Child's coat. 110,411; July 5.

Fischer, Elsie, New York, N. Y. Dress. 110,412; July 5.

Fischer, Elsie, New York, N. Y. Dress. 110,413; July 5.

Fowler, Le Ray, New York, N. Y. Doll or similar article. 110,353; July 5.

Friedman, Sydney D., Bronx, N. Y. Hinged hasp. 110,390; July 5.

Friez, Lucien L., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Combined air-conditioning control casing and bracket therefor. 110,414; July 5.

Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 110,354; July 5.
Gantner & Mattern Company. (See Upland, Theodore R., assignor.)
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Tray. 110,391; July 5.
Gauss, Edward C. (See Dunn, E. A., and Gauss.)
General Electric Company. (See Gosling, Joseph W., assignor.)
Gleinsman, Harold, New York, N. Y. Hamper. 110,355; July 5.
Glidden, Wayne, Spokane, Wash. Shirt collar. 110,415; July 5.
Goodman, Jesse J., Bronx, N. Y. Hat or similar article. 110,416; July 5.
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Luminaire. 110,356; July 5.
Harley, Bertron G., Saco, Maine. Diner. 110,417; July 5.
Horn, W. C., Bro. & Co. (See Horn, William C., assignor.)
Horn, William C., Orange, assignor to W. C. Horn, Bro. & Co., Newark, N. J. Tit-tat-toe game device. 110,357; July 5.
Judd, Trenor P., Cairo, Ill. Automobile body. 110,358; July 5.
Karlen, Lena, New York, N. Y. Thermometer. 110,392; July 5.
Kirk, Claude R., River Forest, Ill. Platform scale. 110,393; July 5.
Kneisley, Richard F., and R. E. Wolfe, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Machine for surfacing and polishing floors. 110,394; July 5.
Koch, Augustus J., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 110,359; July 5.
Koch, Lynn J. (See Reinhard, J. B., and Koch.)
Koepnick, Louis R. (See Wilson, R. C., and Koepnick.)
Kurdistan Rug Corporation. (See Sudell, Frank, assignor.)
La Follette, Philip F., Madison, Wis. Badge or similar article. 110,418; July 5.
Le Boeuf, George H., Hammond, Ind. Automobile. 110,395; July 5.
Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Housing for garbage or sewage triturators and the like. 110,419; July 5.
Mathewson, Maxwell I., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Machine tool base. 110,396; July 5.
Matis, Joseph, New York, N. Y. Coat. 110,420; July 5.
Mayer, Edwin C., New York, assignor to Neptune Meter Company, Long Island City, N. Y. Register dial plate for dispensing pumps. 110,360; July 5.
Mayer, Edwin C., New York, assignor to Neptune Meter Company, Long Island City, N. Y. Price and transaction register dial plate for dispensing pumps. 110,361; July 5.
Melville, Beatrice, Long Beach, N. Y. Shirt. 110,421; July 5.
Milton, John K., Chicago, Ill. Ash receptacle. 110,422; July 5.
Morny, Elizabeth, New York, N. Y. Knife. 110,397; July 5.
Moseley, Horace L., McAllen, Tex. Display tray. 110,398; July 5.
Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 110,399; July 5.
National Brush Company. (See Racicot, Albert, assignor.)
National Rubber Machinery Co. (See Soderquist, Leslie E., assignor.)
Neptune Meter Company. (See Mayer, Edwin C., assignor.)
Oliphant, Jack, Toronto, Ontario, Canada. Sandal. 110,362; July 5.
Onondaga Pottery Company. (See Koch, Augustus J., assignor.)
Owens-Illinois Can Company. (See Garten, William, assignor.)
Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
Racicot, Albert, assignor to National Brush Company, Aurora, Ill. Scouring brush. 110,363; July 5.
Reinhard, John B., and L. J. Koch, Allentown, Pa. Airplane. 110,364; July 5.
Rhodes, Gilbert J., New York, N. Y. Combined display and order card. 110,400; July 5.
Rosenau Bros. Inc. (See Mullen, Mary, assignor.)
Rudderforth, James R. (See Carter, W. H., and Rudderforth.)
Salomon, Irving, Chicago, Ill. Chair. 110,365; July 5.
Salomon, Irving, Chicago, Ill. Manicure table. 110,401; July 5.
Sand, John, Newark, N. J. Bracelet chain. 110,402; July 5.
Schmidt, William B., Chicago, Ill. Park train body. 110,403; July 5.
Schumacher, Edward G., Buffalo, N. Y. Board for playing the game of quoits. 110,366; July 5.
Sea, Philip N., Chicago, Ill. Tobacco ash receptacle. 110,367; July 5.
Shulman, Herman, Brooklyn, N. Y. Lamp. 110,423; July 5.
Soderquist, Leslie E., assignor to National Rubber Machinery Co., Akron, Ohio. Cleaning cabinet. 110,368; July 5.
Sokoloff, Max, Woodmere, N. Y. Textile fabric. 110,369; July 5
Sokoloff, Max, Woodmere, N. Y. Textile fabric. 110,404; July 5.
Sonberg, Max P., New York, N. Y. Coat. 110,370; July 5.
Sonberg, Max P., New York, N. Y. Coat. 110,371; July 5.
Sonberg, Max P., New York, N. Y. Coat. 110,372; July 5.
Sudell, Frank, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Rug. 110,405; July 5.
Teetsel, Ralph T., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,373; July 5.
Teetsel, Ralph T., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,374; July 5.
Teetsel, Ralph T., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,375; July 5.
Thebaud, John E., Philadelphia, Pa. Display box. 110,426; July 5.
Transit Research Corporation. (See Bell, Dan H., assignor.)
Tru-Shot Corporation. (See Walker, George, assignor.)
Upland, Theodore R., assignor to Gantner & Mattern Company, San Francisco, Calif. Bathing trunks. 110,424; July 5.
Walker, George, assignor to Tru-Shot Corporation, Detroit, Mich. Shooting range cabinet. 110,376; July 5.
Walker, George, assignor to Tru-Shot Corporation, Detroit, Mich. Shooting range cabinet. 110,377; July 5.
Walther, John L., New York, N. Y. Woven textile fabric. 110,378; July 5.
Watts, Warren S., Montclair, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Frozen confection. 110,379; July 5.
Watts, Warren S., Montclair, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Frozen confection. 110,380; July 5.
Weiner, Ben, Brookline, Mass. Shoe. 110,381; July 5.
Wilson, Roscoe C., Fairfield, and L. R. Koepnick, Dayton, Ohio. Monoplace pursuit airplane. 110,406; July 5.
Wolfe, Robert E. (See Kneisley, R. F., and Wolfe.)
Zazell, Arnold, New York, N. Y. Textile fabric or similar article. 110,382; July 5.
Zendman, Isaac, Jr., New York, N. Y. Lace. 110,425; July 5.
Zinn, Joseph, New York, N. Y. Dress. 110,407; July 5.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 5TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbé, Paul O., Bloomfield, assignor to Paul O. Abbé Inc., Little Falls, N. J. Ball and pebble mill. 2,122,399; July 5.
Abbé, Paul O., Inc. (See Abbé, Paul O., assignor.)
Abbott, Frederick C., and H. W. Doennecke, assignors to Ozark Chemical Company, Tulsa, Okla. Recovering zinc sulphate dihydrate. 2,122,997; July 5.
Abell, Rollin, Milton, Mass. Internal combustion engine. 2,122,806; July 5.
Acker, Aaron C., assignor to The Newell Mfg. Co., Ogdensburg, N. Y. Container punch. 2,122,830; July 5.
Acree, Edward H. (See Bombard, J. A., and Acree.)
Adlake Company, The. (See Verhagen, Christian M., assignor.)
Adrian, Sylvester F., Fond du Lac, Wis. Coin controlled sound reproducing system. 2,122,550; July 5.
Agfa Ansco Corporation. (See Wilmanns, G., and Schneider, assignors.)
Air Conditioners, Inc. (See Marr, George M. and A. P., assignors.)
Air Devices Corporation. (See Child, Lachlan W., assignor.)
Aktiebolaget Götaverken. (See Johansson, Johan E., assignor.)
Aktieselskabet Dansk Gaerings-Industri. (See Hansen, Børge V., assignor.)
Albers, Gerhard H. (See Albers, John R. and G. H.)
Albers, John R., Sioux City, and G. H. Albers, Cherokee, assignors to Wincharger Corporation, Sioux City, Iowa. Propeller shaping machine. 2,122,631; July 5.
Allen, Carlton H., Glens Falls, N. Y. Thin stock process and apparatus for making paper. 2,122,394; July 5.
Allen, John B. (See Dykes, John L. G., assignor.)
Allgemeine Elektricitatz Gesellschaft. (See Bruche, Ernst, assignor.)
Allingham, Ralph R., White Plains, assignor to The Barrett Company, New York, N. Y. Apparatus for mixing volatile liquids with solid materials. 2,122,551; July 5.
Allsworth, Terrence W. (See Long, P. H., and Allsworth.)
Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
Ambrosius, George M., Lakewood, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Tamperproof can. 2,122,904; July 5.
American Armament Corporation. (See Joyce, Bryan P., assignor.)
American Coach & Body Company, The. (See Eckman, Meril L., assignor.)
American Enka Corporation. (See Dokkum, Teunis, assignor.)
American Lurgi Corporation. (See von Girsewald, Conway, Baron, Weidmann, and Roesner, assignors.)
American Potash & Chemical Corporation. (See Black, Leroy G., assignor.)
American Seating Company. (See Morgan, Erving B., assignor.)
American Smelting and Refining Company. (See Bitner, William H., assignor.)
American Swiss Company, The. (See Rightmyer, Holden W., assignor.)
American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
American Television Laboratories, Inc. (See de Forest, Lee, assignor.)
Ammen, Francis D., and P. E. Schneider, Los Angeles, Calif.; said Schneider assignor to said Ammen. Automobile steering gear. 2,122,924; July 5.
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Circuit breaker control system. 2,123,034; July 5.
Anderson, Guy C., San Francisco, Calif. Amalgamating machine. 2,122,400; July 5.
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Defroster. 2,122,970; July 5.
Anderson, Robert C., assignor to Buckeye Iron & Brass Works, Dayton, Ohio. Signal. 2,123,090; July 5.
Angeletti, Joseph M., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. 2,122,971; July 5.
Anstice, Josiah, & Co., Inc. (See Browne, Lindsay H., assignor.)
Antoline, Carlo, Ferriday, La. Heel for footwear. 2,122,552; July 5.
Arbib, Ida, New York, N. Y. Yarn. 2,122,972; July 5.
Aresee Company Inc. (See Chandler, Daniel L., assignor.)
Armour and Company. (See Harwood, James, assignor.)
Armour and Company. (See Kell, Havard L., assignor.)
Armour and Company. (See Ralston, A. W., and Pool, assignors.)
Armstrong, Edwin H., New York, N. Y. Frequency changing system. 2,122,401; July 5.
Armstrong, Frank H., Chicago, Ill., assignor to Cardox Corporation. Indestructible release mechanism for blasting cartridges. 2,122,706; July 5.
Ashley, Arthur W., Houston, Tex. Tank construction. 2,123,035; July 5.
Associated Electric Laboratories, Inc. (See Ffolliott, Charles F., assignor.)
Associated Electric Laboratories, Inc. (See Golay, Marcel J. E., assignor.)
Atwood, James T., and L. C. Smith, Rockford, Ill. Hinge. 2,122,831; July 5.
Aulbach, Charles J. (See Nickels, W., and Aulbach.)
Auto Research Corporation. (See Kocher, Edward H., assignor.)
Auto Union Aktiengesellschaft. (See Siebler, Oscar, assignor.)
Autogiro Company of America. (See Campbell, Harris S., assignor.)
Autogiro Company of America. (See Larsen, Agnew E., assignor.)
Automatic Signal Corporation. (See Eames, Edward H., assignor.)
Babcock & Wilcox Tube Company, The. (See Newell, Harold D., assignor.)
Bacigalupi, John and L., Sr., Los Angeles, Calif. Automatic musical instrument. 2,122,905; July 5.
Bacigalupi, Louis, Sr. (See Bacigalupi, John and L., Sr.)
Bailey, George B., Sharon, Mass. Automatic control of the power delivered by internal combustion engines. 2,122,402; July 5.
Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
Baker, Charles W., Montclair, N. J. Household refrigerator. 2,122,675; July 5.
Balke, Clarence W., Highland Park; F. L. Hunter, Lake Bluff; and R. A. Haskell, Waukegan, assignors to Fansteel Metallurgical Corporation, North Chicago, Ill. Hard alloy. 2,122,403; July 5.
Ball, Eldon W., assignor to Rock of Ages Corporation, Barre, Vt. Pneumatic tool. 2,122,507; July 5.
Ballman, Edwin C., St. Louis, Mo. Combination fixture. 2,123,071; July 5.
Balthis, Joseph H., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrogen-containing resins. 2,122,707; July 5.
Banfield, Thomas H., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Underfeed stoker and ash remover. 2,122,708; July 5.
Barber-Colman Company. (See Peterson, Burt A., assignor.)
Barkley, Archiebald S., assignor to Barkley-Grow Aircraft Corporation, Detroit, Mich. Aerofoil structure. 2,122,709; July 5.
Barkley-Grow Aircraft Corporation. (See Barkley, Archiebald S., assignor.)
Barrett Company, The. (See Allingham, Ralph R., assignor.)
Batchelor, Clyde S. (See Bockius, C., Batchelor, and Cook.)
Bates, Mark C. (See Faverty, Clyde B., assignor.)
Bates, Mark C. (See French, Charles A., assignor.)
Bates, Mark C. (See Welborn, E. C., and Smith, assignors.)
Bates, Mark C. (See Welborn, E. C., and van Bueren, assignors.)
Baum, Walter H., New York, N. Y. Measuring spout for receptacles. 2,122,906; July 5.
Baumann, Fritz, Leverkusen I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,122,601; July 5.
Baxter, Berry A., Altadena, Calif. Vacuum cleaner support. 2,122,632; July 5.
Baxter, Berry A., Altadena, Calif. Vacuum cleaner conduit. 2,122,633; July 5.
Bean, Fred R. (See Clarke, H. T., and Bean.)
Beck, Julius S., Los Angeles, Calif. Rotary automatic latch trip socket. 2,122,602; July 5.
Becker, Otto, Corona, N. Y. Calendar clock. 2,123,091; July 5.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Treatment of gases. 2,123,072; July 5.
Behrman, Abraham S., Chicago, Ill., assignor, by mesne assignments, to Infilco Inc. Filter treatment. 2,123,092; July 5.

Bell, Charles W., deceased, Westfield, N. J.; E. H. Bell, temporary administratrix. Automatic defrosting of refrigerating systems. 2,123,073; July 5.
Bell, Edythe H., temporary administratrix. (See Bell, Charles W.)
Bell, Joseph, Cincinnati, Ohio. Signaling device. 2,122,508; July 5.
Bell Telephone Laboratories, Incorporated. (See Elmer, Lloyd A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fuller, Calvin S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Scott, Herbert J., assignor.)
Beliaeff, Stephen B., Malverne, N. Y. Hair waving or curling device. 2,122,509; July 5.
Bellone, Alfred F. S., Lyon, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of manganese dioxide. 2,122,735; July 5.
Bentz, George B., New York, N. Y. Swing suspending clamp. 2,122,603; July 5.
Bentz, George B., New York, N. Y. Closet bowl step attachment. 2,122,832; July 5.
Bergen, William V., and A. C. Shute, assignors to Niterday Signal Co., Portland, Oreg. Light reflector adapted for dual mounting. 2,122,395; July 5.
Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,122,769; July 5.
Bergstein, Edna M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Robert M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Apparatus for making sealed packages. 2,122,510; July 5.
Berl, Ernst, Pittsburgh, Pa. Manufacture of products made from cellulose derivatives. 2,122,448; July 5.
Berlin, Donovan R., Eggertsville, and W. O. Watson, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Aircraft cabin. 2,122,449; July 5.
Bertran, Benjamin E., et al. (See Peck, Matt R., assignor.)
Bertran, Josie A., et al. (See Peck, Matt R., assignor.)
Beverley, Ernest R., Kansas City, Mo. Parking meter. 2,122,973; July 5.
Bidwell, Paul W., and G. M. Prentice, Holyoke, Mass. Counting device. 2,122,710; July 5.
Biggs, John L., Calumet City, Ill. Fumigating materials. 2,122,853; July 5.
Billings, Howard J. (See Crocker, E. C., and Billings.)
Bins, Frank M., Butte, Mont. Coupling for canvas tubing. 2,122,925; July 5.
Birkenbeuel, Edward B., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Underfeed stoker. 2,122,711; July 5.
Bishop, John C., Savannah, N. Y. Post clamp chains. 2,122,854; July 5.
Bishop, William H., Birmingham, England. Sliding roof for vehicles. 2,122,712; July 5.
Bitner, William H., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Electrolytic apparatus. 2,122,876; July 5.
Blacher, Joseph, Boston, Mass. Flashing. 2,122,926; July 5.
Black, Clarence R., Ocala, Fla. Display rack. 2,122,833; July 5.
Black, Leroy G., assignor to American Potash & Chemical Corporation, Trona, Calif. Fusing hydrated substance. 2,122,634; July 5.
Blair, Robert S., New York, N. Y. Window construction. 2,122,553; July 5.
Bloom, Fred H., Fort Belvoir, Va. Making lithographic reproductions. 2,122,404; July 5.
Blue Ridge Slate Corporation. (See Hillers, Carl E., assignor.)
Bockius, Chris, Stamford, Conn., C. S. Batchelor, Hasbrouck Heights, and J. A. Cook, Paterson, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Metallic inlaid friction surface. 2,122,405; July 5.
Bollstrom, Charles E., Berrien Springs, Mich., assignor of one-half to H. A. Hill, Goshen, Ind. Folding porch construction. 2,122,791; July 5.
Bombard, Joseph A., and E. H. Acree, Bronxville, N. Y. Destination indicator. 2,122,855; July 5.
Bondeson, Carl G., assignor to The Andrew Terry Company, Terryville, Conn. Electric cable connecter. 2,122,792; July 5.
Booth, Stanley, Leeds, England. Pressing machine. 2,122,927; July 5.
Borden, Stephen W., Summit, N. J. Ground rod fitting. 2,122,546; July 5.
Borden, Stephen W., Summit, N. J. Electrode fitting. 2,122,547; July 5.
Borden, Stephen W., Summit, N. J. Ground testing meter. 2,122,548; July 5.
Borden, Stephen W., Summit, N. J. Earth electrode meter. 2,122,549; July 5.
Borg-Warner Corporation. (See Orr, Palmer, assignor.)
Borgstrom, David T., Los Angeles, Calif. Rotary fireplace. 2,122,635; July 5.
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Callsen, Albert, assignor.)
Bourdon, Pierre M., Paris, assignor to Michelin & Cie, Clermont-Ferrand, France. Tire. 2,122,736; July 5.
Bourke, Russell L., Petaluma, Calif. Transmission for piston and crankshaft assemblies. 2,122,676; July 5.
Bourke, Russell L., Petaluma, Calif. Internal combustion engine. 2,122,677; July 5.
Bowman, Paul F., Scarsdale, N. Y. Insulating window. 2,123,093; July 5.
Bozeman, John F., assignor of one-half to J. L. Johnston, Houston, Tex. Releasable fishing tool. 2,123,036; July 5.
Brandt, George T., Los Angeles, Calif. Cigarette snuff-out holder. 2,122,713; July 5.
Brautigam, Otto G., Jersey City, N. J., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,122,554; July 5.
Breguet, Louis, assignor to Societe Anonyme des Ateliers d'Aviation Louis Bréguet, Paris, France. Gyroplane. 2,122,928; July 5.
Brenneisen, Hermann, Paris, France. Strapping material for binding or securing boxes, bales, parcels, and other packages and manufacturing the same. 2,122,856; July 5.
Briddell, Charles D., Crisfield, Md. Attachment for animal traps. 2,123,094; July 5.
Bridges, Raymond G., Toronto, Ontario, Canada. Electric resistance element and making same. 2,122,604; July 5.
Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
Brodton, Lynn, Collingswood, N. J., assignor to Radio Corporation of America. Indicator. 2,122,998; July 5.
Bronson Reel Company. (See McMahon, Edward J., assignor.)
Brooks, Robert A., assignor to I. B. Kerr, Chicago, Ill. Siphon breaking water closet. 2,122,834; July 5.
Broquinda Inc. (See Quinn, Clara E., assignor.)
Browne, Cecil O., West Acton, London, assignor to Electric and Musical Industries Limited, Hayes, England. Television transmitter. 2,122,974; July 5.
Browne, Lindsay H., assignor to Josiah Anstice & Co. Inc., Rochester, N. Y. Motor car control. 2,123,074; July 5.
Bruce, Alvin B., Kansas City, Mo. Brake mechanism. 2,122,678; July 5.
Brüche, Ernst, Berlin-Reinickendorf, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Braun tube. 2,122,555; July 5.
Bruno, Frank, et al. (See Kushner, Frank, assignor.)
Bruski, Sylvester D. J. (See Glenzinski, Edward R., assignor.)
Bubar, Hudson H., New York, N. Y. Dust collecting apparatus. 2,122,511; July 5.
Buckeye Iron & Brass Works. (See Anderson, Robert C., assignor.)
Budd Wheel Company. (See Eksergian, Carolus L., assignor.)
Budd Wheel Company. (See Eksergian, C. L., and Gaenssle, assignors.)
Budd Wheel Company. (See Farr, Warren H., assignor.)
Budd Wheel Company. (See Zerk, Oscar U., assignor.)
Buehler, Leon, Jr. (See Small, N. M., and Buehler.)
Buffalow, Oscar T., Chattanooga, Tenn. Vibratory Massager. 2,122,556; July 5.
Bullard, W. Irving, assignor to E. H. Jacobs Manufacturing Company, Danielson, Conn. Lug strap. 2,123,132; July 5.
Burgess, C. F., Laboratories, Inc. (See Norris, Ralph F., assignor.)
Burgin, James. (See Groll, H. P. A., and Burgin.)
Burke, Lawrence J., Chicago, Ill. Support. 2,122,999; July 5.
Burlo, Dennis J., Green Bay, Wis. Game apparatus. 2,123,095; July 5.
Burns, Erwin. (See Wickersham, H. P., and Burns.)
Burpee Can Sealer Company. (See Burpee, Frank W., assignor.)
Burpee, Frank W., assignor to Burpee Can Sealer Company, Chicago, Ill. Can seaming machine. 2,122,877; July 5.
Calkins, Lyle E., and O. S. Levi, assignors to Save Electric Corporation, Toledo, Ohio. Making inside frosted electric lamp bulbs. 2,122,517; July 5.
Callahan, John, Lawrence, Kans. Hat bag. 2,122,714; July 5.
Callender's Cable and Construction Company. (See Hunter, P. V., and Hill, assignors.)
Callsen, Albert, Stuttgart-Botnang, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Apparatus for switching on the starter of an internal combustion engine. 2,123,133; July 5.
Calva, Jose B. (See Tomsicek, W. J., Dodge, and Calva.)
Calva, Jose B., St. Paul, assignor to General Products Corporation, Minneapolis, Minn. Making a greaseproof container. 2,122,907; July 5.
Campbell, Grover S. (See Jagoe, Walker M., assignor.)
Campbell, Harris S., Willow Grove, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotatable sustaining means. 2,122,450; July 5.
Canister Company, The. (See Kernahan, Martin P., assignor.)
Canter, Morris, New York, N. Y. Method and apparatus for applying metallic seals. 2,122,557; July 5.
Cantrell, Frank J., San Anselmo, Calif. Soap dispensing device. 2,122,636; July 5.
Carboloy Company. (See Engle, Edgar W., assignor.)
Cardox Corporation. (See Armstrong, Frank H., assignor.)

Carlson, Adolph G., Chicago, Ill. Slurry drier. 2,122,857; July 5.
Carpenter, Morris T., Chicago, Ill., R. F. Ruthruff, Hammond, Ind., and J. K. Roberts, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Polymerization of gases. 2,122,878; July 5.
Carrington, Frank G., Anniston, Ala. Centrifugal casting machine. 2,123,037; July 5.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Production of hydrogen sulphide. 2,123,000; July 5.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Bituminous ash remover for underfeed stokers. 2,122,807; July 5.
Carter, Robert J. S., Minneapolis, Minn. Multiple stream feeder. 2,122,679; July 5.
Carter, William D., Caldwell, N. J. Combustion apparatus. 2,122,929; July 5.
Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,122,406; July 5.
Cassimatis, Irineos, Gary, Ind., assignor of one-half to H. E. Strategos, Chicago, Ill. Creating designs for candles. 2,122,451; July 5.
Catland, Alfred C. (See Howard, J. H., and Catland.)
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,122,808; July 5.
Celanese Corporation of America. (See Dreyfus, H., and Moncrieff, assignors.)
Celanese Corporation of America. (See Jones, J. E., and Cox, assignors.)
Celanese Corporation of America. (See Rivat, Georges, assignor.)
Central Stamping Company. (See Padelford, L. E., and Wilson, assignors.)
Chain Belt Company. (See Swenson, Eskil W., assignor.)
Chandler, Daniel L., Somerville, assignor to Aresee Company Inc., Salem, Mass. Automobile window sash mechanism. 2,122,605; July 5.
Charpentier, Jean F. G. M. L., Saint-Cloud, France. Aeroplane. 2,123,096; July 5.
Cherry-Burrell Corporation. (See Lippold, Adolph J., assignor.)
Cherry-Burrell Corporation. (See Weinreich, Charles F., assignor.)
Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
Child, Lachlan W., South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill. Heat transfer unit. 2,122,454; July 5.
Chisholm, Harry L., Jr., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,122,407; July 5.
Chittick, Kenneth A., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning indicator system. 2,123,001; July 5.
Christianson, Erling, assignor to Viking Engineering Company, Inc., Hammond, Ind. Slack adjuster for brakes. 2,122,975; July 5.
Christy, Andrew. (See McMaster, A. J., and Christy.)
Chrysler Corporation. (See Patterson, Herbert F., assignor.)
Clarke, Charles M. (See Bergmann, Christian N., assignor.)
Clarke, Hans T., New York, and F. R. Bean, assignors to Eastman Kodak Company, Rochester, N. Y. Esters of para-hydroxyphenyliminodiacetic acid. 2,122,409; July 5.
Clarke, Hans T., New York, and F. R. Bean, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Gasoline antioxidant. 2,122,408; July 5.
Clason, Charles E., Wichita, Kans., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Acid treatment of wells. 2,122,452; July 5.
Clause, Robert L., Sewickley, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazing unit. 2,122,453; July 5.
Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Short wave radio frequency amplifier system. 2,122,558; July 5.
Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)
Cleveland Rock Drill Company, The. (See Curtis, J. C., and Feucht, assignors.)
Coats, J. & P., (Rhode Island) Incorporated. (See Morton, Charles, assignor.)
Cohen, Hyman P., Chicago, Ill. Plate cooler. 2,122,879; July 5.
Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Separating petroleum emulsions. 2,122,976; July 5.
Colburn, Bearl E., Green Bay, Wis. Paper dispenser. 2,122,637; July 5.
Colin, Leon J., Tarentum, Pa. Fur drying rack. 2,122,770; July 5.
Collins, Charles B., San Anselmo, Calif. Hoist. 2,122,908; July 5.
Commercial Solvents Corporation. (See Legg, D. A., and Stiles, assignors.)
Commercial Solvents Corporation. (See Müller, John, assignor.)
Communication Patents, Inc. (See Nicolson, Alexander M., assignor.)
Compo Shoe Machinery Corporation. (See Cuthbert, Thomas J., assignor.)
Connelly, Joseph C. V., et al. (See Foster, Robert J., assignor.)
Conner, Julian B., Corpus Christi, Tex. Well rig elevator. 2,122,513; July 5.
Container Corporation of America. (See Lowey, Roy E., assignor.)
Continental Can Company. (See Nickels, W., and Aulbach, assignors.)
Continental Can Company. (See Pfeffer, Edward C., Jr., assignor.)
Continental Can Company. (See Sedwick, M. M., and O'Brien, assignors.)
Cook, Judson A. (See Bockius, C., Batchelor, and Cook.)
Coombs, Leslie W., Chicago, Ill. Paint striper. 2,122,858; July 5.
Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treating food materials. 2,123,134; July 5.
Cox, Arthur C. (See Jones, J. E., and Cox.)
Crane, Myrick. (See Hurst, E., and Crane.)
Crates, Robert C., Findlay, Ohio. Combination shade and curtain support. 2,123,097; July 5.
Crocker, Ernest C., Belmont, and H. J. Billings, Acton, Mass., assignors to Arthur D. Little, Inc. Air filtering material. 2,122,514; July 5.
Croxon, Alfred H., Toronto, Ontario, Canada. Detachably securing a pen, pencil, or the like in a pocket. 2,122,455; July 5.
Curioni, Aldo, Katonah, assignor to The Gasolaire Corporation, New York, N. Y. Mechanical control means for liquid fuel burners. 2,122,930; July 5.
Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drilling apparatus. 2,122,515; July 5.
Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Dust eliminator. 2,122,517; July 5.
Curtis, John C., and A. Feucht, Garfield Heights, assignors to The Cleveland Rock Drill Company, Cleveland, Ohio. Drill steel retainer. 2,122,516; July 5.
Curtiss-Wright Corporation. (See Berlin, D. R., and Watson, assignors.)
Cuthbert, Thomas J., South Weymouth, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Inseam trimming device. 2,122,737; July 5.
Cutler-Hammer, Inc. (See Robbins, Clyde F., assignor.)
Dach, Max, Flushing, N. Y. Attachment for internal combustion engines. 2,122,977; July 5.
Dallmann, Herbert, Berlin-Karlshorst, Germany, assignor to General Electric Company. Gas-density meter. 2,123,038; July 5.
Daly Bros. Shoe Co. Inc. (See Daly, Charles L., assignor.)
Daly, Charles L., Belmont, assignor to Daly Bros. Shoe Co., Inc., Boston, Mass. Shoe construction. 2,123,135; July 5.
Daniels, Claude H., Wellesley Hills, Mass. Anchored heel protector. 2,122,809; July 5.
Dapero, Louis G. and P. C., Summit, N. J. Spray gun. 2,122,559; July 5.
Dapero, Peter C. (See Dapero, Louis G. and P. C.)
Dart, William F., Mason, Mich. Refrigeration means. 2,122,680; July 5.
Daue Surgical Appliance Corp. (See Findley, William M., assignor.)
Deane, Henry N., and J. A. Dell, assignors to Simplex Time Recorder Co., Gardner, Mass. Ribbon feed mechanism. 2,122,518; July 5.
De Florez, Luis, Pomfret, Conn. Fluid valve. 2,122,560; July 5.
De Forest, Lee, assignor to American Television Laboratories, Inc., Hollywood, Calif. Television system and method. 2,122,456; July 5.
Deister Concentrator Company, The. (See Griffin, Donald N., assignor.)
De Laval Separator Company, The. (See Hulbert, John L., assignor.)
Dell, James A. (See Deane, H. N., and Dell.)
Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
Deros, Peter O., Fulton, Ill. Piling connecter. 2,122,835; July 5.
Diefenbach, Ernst. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
Diffuser Corporation. (See Falver, Amiel L., assignor.)
Dobbie, Harry L., Cleveland, Ohio. Toy belt saddle. 2,122,606; July 5.
Dodge Chemical and Manufacturing Company. (See Tomsicek, W. J., Dodge, and Calva, assignors.)
Dodge, Lloyd L. (See Tomsicek, W. J., Dodge, and Calva.)
Doennecke, Henry W. (See Abbott, F. C., and Doennecke.)
Dokkum, Teunis, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,122,519; July 5.
Dolan, Harry, Weehawken, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Hat. 2,122,561; July 5.
Dollstedt, Carl, et al. (See Kushner, Frank, assignor.)

Donato, Joseph J., Berkeley, Calif. Gauge for book stamping and printing machines. 2,123,098; July 5.
Donovan, James J., Arlington, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Blank measuring and distributing machine. 2,123,136; July 5.
Dons, Eddie M., O. G. Mauro, and D. B. Mapes, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating constituents of mineral oils. 2,122,457; July 5.
Dorrer, Eugen. (See Wulff, C., and Dorrer.)
Dost, Walter G., Whitefish Bay, Wis. Feeder for perching fowl. 2,122,880; July 5.
Douglas, Leslie L., Dallas, Tex. Book cover protector. 2,122,638; July 5.
Dow Chemical Company, The. (See Hanawalt, Joseph D., assignor.)
Dow Chemical Company, The. (See Hanawalt, J. D. and Nelson, assignors.)
Dow Chemical Company, The. (See Nelson, C. E., and Peake, assignors.)
Dow Chemical Company, The. (See Ward, Louis E., assignor.)
Dowinsky, Samuel, New York, N. Y. Pressing iron. 2,123,002; July 5.
Dreyfus, Henry. (See Rivat, Georges, assignor.)
Dreyfus, Henry, London, and R. W. Moncrieff, Spondon, England, assignors to Celanese Corporation of America. Treatment of cellulose acetate and other organic esters of cellulose. 2,122,793; July 5.
Drummond, Robert W., Oneida, and M. Rogers, Earlville, assignors to Oneida Limited, Oneida, N. Y. Display chest for silverware, etc. 2,122,738; July 5.
Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Expansion valve with automatic temperature compensation. 2,122,931; July 5.
Dudleston, William G., Chicago Heights, Ill., assignor to The Patent and Licensing Corporation, New York, N. Y. Apparatus for coating and slating roofing shingles. 2,122,739; July 5.
Duffendack, Ora S., and R. A. Wolfe, Ann Arbor, Mich. Gaseous discharge tube. 2,122,932; July 5.
Du Pont, E. I., de Nemours & Company. (See Balthis, Joseph H., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Gladding, E. K., and Maney, assignors.)
Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hawkinson, Alfred T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kreimeier, Oscar R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Marks, Barnard M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meigs, Frederick M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)
Dykes, John L. G., assignor of one-half to J. B. Allen, Chicago, Ill. Dressing room forming structure. 2,122,681; July 5.
Eames, Edward H., Old Greenwich, assignor to The Engineering and Research Corporation, New Haven, Conn. Traffic control system and apparatus. 2,122,410; July 5.
Eames, Edward H., Old Greenwich, Conn., assignor to Automatic Signal Corporation, New York, N. Y. Traffic control system and apparatus. 2,122,411; July 5.
Earle, Theodore, Los Angeles, Calif. Cotton separating and recovering method. 2,122,607; July 5.
Eastman Kodak Company. (See Clarke, H. T., and Bean, assignors.)
Easy Lift Lid Company. (See McFarland, John W., assignor.)
Eaton, Everett R., Darien, Conn., assignor to McCall Corporation, New York, N. Y. Making plates for color printing. 2,122,859; July 5.
Eckenroth, Alfred E., Denver, Colo. Valve stem. 2,122,740; July 5.
Eckman, Merill L., assignor to The American Coach & Body Company, Cleveland, Ohio. Welding apparatus. 2,122,933; July 5.
Economakis, George P., Asbury Park, N. J. Key container. 2,122,934; July 5.
Efron, George, New York, N. Y. Apparatus for operating movable members. 2,122,682; July 5.
Egenas, Severin L., Oak Park, assignor to H. Hille, Chicago, Ill. Flush tank. 2,122,909; July 5.
Eggert, Fritz. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
Eisler, Frederick J. (See Read, G. W., and Eisler.)
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Single stamping artillery wheel. 2,122,810; July 5.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Single stamping artillery wheel. 2,123,100; July 5.
Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Reinforced spoke artillery wheel. 2,123,099; July 5.
Eldridge, Howard B., and C. E. Klein, St. Louis, Mo. Machine for grinding clutch facings and the like. 2,122,978; July 5.
Electric and Musical Industries Limited. (See Browne, Cecil O., assignor.)
Electric & Musical Industries Limited. (See Keyston, J. E., Nicoll, and Klemperer, assignors.)
Elliott Core Drilling Company. (See Grainger, Reid B., assignor.)
Elmer, Lloyd A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film sprocket. 2,122,458; July 5.
Elson & Robbins Limited. (See Millward, Sidney W., assignor.)
Encor Corporation. (See Specht, Harry G., assignor.)
Engineering and Research Corporation, The. (See Eames, Edward H., assignor.)
Engle, Edgar W., Hastings-on-Hudson, N. Y., assignor, by mesne assignments, to Carboloy Company, Inc. Fabricating articles of hard metal compositions. 2,122,459; July 5.
Eugene Ltd. (See Suter, E. F., and Finnegan, assignors.)
Evans Case Company. (See Reilly, Alfred F., assignor.)
Ewald, Wolfgang F., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning indicator circuit. 2,122,562; July 5.
Eyring, Herbert, North Olmsted, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Ornamented grille blade. 2,123,003; July 5.
Faiver, Amiel L., Buena Park, assignor to Diffuser Corporation, Fullerton, Calif. Diffuser. 2,122,639; July 5.
Fansteel Metallurgical Corporation. (See Balke, C. W., Hunter, and Haskell, assignors.)
Faries Manufacturing Company. (See Hansen, Jasper, assignor.)
Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Pedal slot closure. 2,123,004; July 5.
Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,123,101; July 5.
Farrell Manufacturing Company. (See Kuss, Ralph L., assignor.)
Faverty, Clyde B., assignor, by mesne assignments, to M. C. Bates, Chicago, Ill. Oil vaporizer control. 2,122,683; July 5.
Federal Telegraph Company. (See Levy, Sol J., assignor.)
Feigley, William, Bremerton, Wash. Hydraulic equalizer for automobile mechanical brakes. 2,123,102; July 5.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender skirt. 2,122,563; July 5.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender skirt. 2,122,564; July 5.
Feucht, Albert. (See Curtis, J. C., and Feucht.)
Ffolliott, Charles F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Alarm signaling system. 2,122,460; July 5.
Field, Edward A. and E. A., Jr., Chicago, Ill. Draft stabilizer. 2,122,640; July 5.
Field, Edward A., Jr. (See Field, Edward A. and E. A., Jr.)
Findley, William M., New York, N. Y., assignor to Daue Surgical Appliance Corp., Roselle, N. J. Pessary. 2,123,148; July 5.
Finnegan, George B., Jr. (See Suter, E. F., and Finnegan.)
Fischel, Milton O., Du Bois, Pa. Electrical connecter. 2,123,103; July 5.
Fischer, Charles, New York, N. Y. Goggles. 2,122,461; July 5.
Fischer, Erich. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
Fiumedoro, Ali J., Dedham, Mass. Necktie. 2,122,811; July 5.
Fleischer, Paul, assignor to Sun Radiator Cover, Inc., Cleveland, Ohio. Chair construction. 2,122,935; July 5.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag remarker. 2,122,412; July 5.
Florence-Wehrle Stove Co., The. (See Pickup, George E., assignor.)
Folmer Graflex Corporation. (See Petit, W. H., and Hineline, assignors.)
Food Machinery Corporation. (See Stebler, Fred, assignor.)
Foote, Thomas W., Cleveland, Ohio. Chair iron. 2,122,565; July 5.
Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle. 2,123,005; July 5.
Ford, Julius C., Memphis, Tenn. Nonglare headlighting assembly. 2,122,413; July 5.
Ford Motor Company. (See Farkas, Eugene J., assignor.)
Ford Motor Company. (See Ford, Henry, assignor.)
Fort Wayne Corrugated Paper Company. (See Nickerson, Orva O., assignor.)
Forte, Joseph W., Brooklyn, N. Y. Comb and hair liquid device. 2,122,715; July 5.
Foster, Dudley E., Orange, N. J., assignor to Radio Corporation of America. Tuning indicator circuit. 2,122,567; July 5.
Foster, Robert J., assignor of one-third to S. G. Lipford and one-third to J. C. V. Connelly, Philadelphia, Pa. Gas saver for internal combustion engines. 2,122,414; July 5.
Foster, Rose G., et al. (See Foster, William G., assignor.)

Foster Wheeler Corporation. (See Wallis, J. S., and Swanson, assignors.)
Foster, William H., Norwalk, assignor of ten percent to M. Weiss, Bridgeport, and ninety percent to R. G. Foster, Norwalk, Conn. Windshield. 2,122,566; July 5.
Franzmann, Emile C., Arlington, Mass. Heating device. 2,122,936; July 5.
Fraser, Le Roy B., Woodbridge, Conn. Gun. 2,122,415; July 5.
Freeman, Antony P., assignor of one-half to M. P. Grauenhorst, San Francisco, Calif. Musical instrument. 2,122,396; July 5.
Freeman, Roy K., Los Angeles, Calif. Automatic electric flasher. 2,122,416; July 5.
French, Charles A., Riverside, Ill., assignor to M. C. Bates. Vaporizing relatively heavy oils. 2,122,684; July 5.
French, Charles A., Riverside, assignor to M. C. Bates, Chicago, Ill. Oil vaporizing apparatus. 2,122,685; July 5.
Frentzel, Herman C., Jr., assignor to The Heil Co., Milwaukee, Wis. Draft regulator. 2,122,641; July 5.
Frick Company. (See Small, N. M., and Buehler, assignors.)
Fricke, Guy C., Pleasant Ridge, Mich. Refrigerant compression unit. 2,122,462; July 5.
Fridolph, Annette, New York, N. Y. Infant's garment. 2,122,417; July 5.
Fulk, Murl E. (See Shattuck, O. M., and Fulk.)
Fuller, Calvin S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Enameling wire. 2,122,463; July 5.
Fulton Sylphon Company, The. (See Dube, John E., assignor.)
G-M Laboratories, Inc. (See McMaster, Archie J., assignor.)
G-M Laboratories, Inc. (See McMaster, A. J., and Christy, assignors.)
Gabert, Paul H. (See Kirby, Alfert F., assignor.)
Gaenssle, Paul W. (See Eksergian, C. L., and Gaenssle.)
Gannestad, Thor, Pittsburgh, Pa. Automatic cone valve. 2,123,039; July 5.
Gantvoort, Hilde. (See Gantvoort, John M., assignor.)
Gantvoort, John M., Bronxville Manor, Westchester County, N. Y., assignor to H. Gantvoort. Baker's oven. 2,122,397; July 5.
Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Vapor phase cracking of oil. 2,122,881; July 5.
Garfinkle, David, Alameda, Calif. Display card holder. 2,122,910; July 5.
Garing, Jane E., Decatur, Ga. Face protector. 2,122,520; July 5.
Garrison, Lela T., Cape May Court House, N. J. Frame for spectacles. 2,123,104; July 5.
Gasmold Sign Corporation. (See Piper, William B., assignor.)
Gasner, Philip and S., assignors, by mesne assignments, to Hygienic Dust Bag Corporation, New York, N. Y. Vacuum cleaner attachment. 2,122,568; July 5.
Gasner, Sigmund. (See Gasner, Philip and S.)
Gasolaire Corporation, The. (See Curioni, Aldo, assignor.)
Gaty, Lee S., Dallas, Tex. Hole driving machine. 2,122,686; July 5.
Gegerfeldt, Erik L., Floby, Sweden. Self-angling apparatus for the catch of fish. 2,122,836; July 5.
Geigy, J. R., A. G. (See Schäfer, Josef, assignor.)
General Aniline Works, Inc. (See Baumann, Fritz, assignor.)
General Aniline Works, Inc. (See Kränzlein G., Diefenbach, Fischer, Honold, Eggert, and Krauss, assignors.)
General Aniline Works, Inc. (See Schirm, Erik, assignor.)
General Chemical Company. (See Carter, Bernard M., assignor.)
General Chemical Company. (See Henninger, Arthur H., assignor.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Dallmann, Herbert, assignor.)
General Electric Company. (See Hinnüber, Josef, assignor.)
General Electric Company. (See Hoare, Stephen C., assignor.)
General Electric Company. (See Irby, William, assignor.)
General Electric Company. (See Johnson, Marwin R., assignor.)
General Electric Company. (See Kearsley, William K., assignor.)
General Electric Company. (See Kjolseth, Ole K., assignor.)
General Electric Company. (See Lauder, A. H., and Shoults, assignors.)
General Electric Company. (See Lemmers, Eugene, assignor.)
General Electric Company. (See Maslin, T. I., and Thomas, assignors.)
General Electric Company. (See McCarty, Orin P., assignor.)
General Electric Company. (See Newman, Delbert F., assignor.)
General Electric Company. (See Paasche, Fritz, assignor.)
General Electric Company. (See Pellett, Fred G., assignor.)
General Electric Company. (See Peters, Leo R., assignor.)
General Electric Company. (See Pirani, M., and Reger, assignors.)
General Electric Company. (See Rosch, Arthur, assignor.)
General Electric Company. (See Sass, Friedrich, assignor.)
General Electric Company. (See Shoults, David R., assignor.)
General Electric Company. (See Stiles, Harry L., assignor.)
General Electric Company. (See Thompson, Browder J., assignor.)
General Electric Company. (See Thumin, C., and Strang, assignors.)
General Engineering Company, The. (See Riddell, William A., assignor.)
General Fire Extinguisher Company. (See Knight, Ira W., assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Hutchinson, Philip H., assignor.)
General Motors Corporation. (See Reifer, George M., assignor.)
General Motors Corporation. (See Scharff, Clinton R., assignor.)
General Motors Corporation. (See Schwartzwalder, Karl, assignor.)
General Products Corporation. (See Calva, Jose B., assignor.)
Gerdts, Gustav F., Bremen, Germany. Conduit for steam condensate. 2,122,642; July 5.
Gerson, Morris W., Wichita Falls, Tex. Leak mending device. 2,123,105; July 5.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric circuit protection. 2,122,794; July 5.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,122,937; July 5.
Gladding, Ernest K., Buffalo, N. Y., and D. B. Maney, Old Hickory, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Product and preparing same. 2,122,418; July 5.
Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,122,979; July 5.
Glenzinski, Edward R., assignor of one-half to S. D. J. Bruski, Winona, Minn. Hydraulic transmission mechanism. 2,122,938; July 5.
Globe Machine & Stamping Company, The. (See Eyring, Herbert, assignor.)
Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
Globe Oil Tools Company. (See Howard, J. H., and Catland, assignors.)
Goddard, Robert H., Roswell, N. Mex. Cooling jacket construction. 2,122,521; July 5.
Golay, Marcel J. E., Long Branch, N. J., assignor, by mesne assignments, to Associated Electric Laboratories Inc., Chicago, Ill. Electrical apparatus. 2,122,464; July 5.
Golemb, Raymond E., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Switching key. 2,122,643; July 5.
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Light sensitive tube. 2,122,860; July 5.
Grainger, Reid B., Redondo Beach, Calif., assignor to Elliott Core Drilling Company. Core catcher. 2,122,771; July 5.
Grauenhorst, Martin P. (See Freeman, Antony P., assignor.)
Graves, Arnold, Wheathampstead, England. Light-projection system particularly for vehicle lamps. 2,122,465; July 5.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy carboxylic acid esters of long chain alcohols. 2,122,716; July 5.
Green, Ernest, Chelmsford, England, assignor to Radio Corporation of America. Thermionic amplifier. 2,122,772; July 5.
Greenidge, Samuel M., Fort Worth, Tex. Protector for pistons and the like. 2,122,717; July 5.
Greis, Henry N. (See McElwaine, Clayton B., assignor.)
Griffin, Donald N., assignor to The Delster Concentrator Company, Fort Wayne, Ind. Refining gypsum. 2,122,569; July 5.
Groff, Frazier, Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Composite material. 2,123,155; July 5.
Groll, Herbert P. A., Berkeley, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Hydrogenation of unsaturated ethers and esters. 2,122,812; July 5.
Groll, Herbert P. A., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of polyhydric alcohols. 2,122,813; July 5.

Grumbacher, Walter, New York, N. Y. Brush. 2,122,980; July 5.
Grumbacher, Walter, New York, N. Y. Spiral binding. 2,123,149; July 5.
Gulf Research & Development Company. (See Hunter, Benjamin F., assignor.)
Gullborg, John S., Chicago, Ill. Actuator for hinged closures. 2,122,570; July 5.
Gutenstein Brothers, Inc. (See Kastel, Karl, assignor.)
Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal coupling. 2,122,837; July 5.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal coupling. 2,122,838; July 5.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Resilient bushing and making the same. 2,122,839; July 5.
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Door. 2,123,106; July 5.
Haddad, Labeeb B., New Haven, Conn., assignor to Products Protection Corporation. Electric sterilization. 2,122,741; July 5.
Hafen, Fredrick T., Provo, Utah, assignor to McWane Cast Iron Pipe Co., Birmingham, Ala. Gauge for pipe cores. 2,122,840; July 5.
Halliburton Oil Well Cementing Company. (See Clason, Charles E., assignor.)
Halliburton Oil Well Cementing Company. (See Hanes, Dean, assignor.)
Halliburton Oil Well Cementing Company. (See Menaul, Paul L., assignor.)
Halliburton Oil Well Cementing Company. (See Morrisett, O. L., assignor.)
Halliburton Oil Well Cementing Company. (See Phipps, John T., assignor.)
Halliburton Oil Well Cementing Company. (See Rohrbaugh, Paul M., assignor.)
Halliburton Oil Well Cementing Company. (See Weiler, John E., assignor.)
Hamill, Helen B. (See Liss, Samuel A., assignor.)
Hammond, Grant, Hamden, Conn. Valve for carburetors. 2,122,773; July 5.
Hanak, Benjamin B., Chicago, Ill. Smoker and steam vapor cooker for hams and other meats and meat products. 2,123,040; July 5.
Hanawalt, Joseph D., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of calcium metal. 2,122,419; July 5.
Hanawalt, Joseph D., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Making calcium. 2,122,420; July 5.
Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer for use in wells. 2,122,742; July 5.
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Adhered gang of wire staples. 2,122,814; July 5.
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Stapling machine. 2,122,815; July 5.
Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
Hansen, Børge V., Randers, assignor to Aktieselskabet Dansk Gaerings-Industri, Copenhagen, Denmark. Fermentation of wort by yeast. 2,122,939; July 5.
Hansen, Jasper, assignor to Faries Manufacturing Company, Decatur, Ill. Manufacturing electric connecters. 2,123,041; July 5.
Harlow, Woodward L., Newton, Mass. Gasket stripping. 2,122,608; July 5.
Harriman, Charles E., West Bridgewater, and E. C. Robinson, Brookville, assignors to Jones & Vining, Inc., Brockton, Mass. Apparatus for use in remodeling lasts. 2,123,137; July 5.
Harris, William D., assignor to Refinoil Manufacturing Corporation, Kansas City, Mo. Filter fabric for a plate and frame filter press for re-refining used oils. 2,123,042; July 5.
Harrison, Laurence D., Phoenix, Ariz. Air compressor. 2,122,398; July 5.
Hartford-Empire Company. (See Peiler, Karl E., assignor.)
Harwood, James, assignor to Armour and Company, Chicago, Ill. Preparing high molecular weight primary amines. 2,122,644; July 5.
Haskell, Roy A. (See Balke, C. W., Hunter, and Haskell.)
Hasse, Dora H., Cleveland, Ohio. Mop. 2,122,743; July 5.
Hastings, Arthur C., Jr., South Yarmouth, Mass. Spark plug. 2,122,571; July 5.
Hawkinson, Alfred T., Palmyra, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tobacco treatment. 2,122,421; July 5.
Hayes, Frank A., Middletown, N. J. Variable speed power transmission mechanism. 2,123,006; July 5.
Hayes, Frank A., Middletown, N. J. Tractive pressure means for frictional power transmission mechanisms. 2,123,007; July 5.
Hayes, Frank A., Middletown, N. J. Power transmission mechanism. 2,123,008; July 5.
Hazel-Atlas Glass Company. (See Huntsman, Bert J., assignor.)
Hearne, George. (See Groll, H. P. A., and Hearne.)
Heichert, Herman S., and W. Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for surfacing glass sheets. 2,122,466; July 5.
Heil Co., The. (See Frentzel, Herman C., Jr., assignor.)
Hendrickson, Fritz E., Minneapolis, assignor of one-half to M. Ireland, St. Paul, Minn. Buffing wheel. 2,122,609; July 5.
Henninger, Arthur H., Floral Park, assignor to General Chemical Company, New York, N. Y. Manufacture of calcium arsenate. 2,122,861; July 5.
Hentrich, Winfrid, Erlangen, H. Keppler, Leverkusen, and H. Holsten, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of fibrous materials and of preparations therefor. 2,122,981; July 5.
Heppner, John W. K., assignor to Louis Marx & Company, New York, N. Y. Toy machine gun. 2,122,467; July 5.
Herrett, Wilbert A., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Anthraquinone compounds and their preparation. 2,122,882; July 5.
Herrmann, William, Chicago, Ill. Ventilated toilet bowl. 2,122,687; July 5.
Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Brush-comb. 2,123,043; July 5.
Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Multiple unit brush. 2,123,044; July 5.
Hertzberg Patents, Inc. (See Hertzberg, Harry, assignor.)
Hiemenz, Hans, Hanau-on-the-Main, Germany. Production of magnetizable materials. 2,123,138; July 5.
Hikel, Richard S., Plymouth, N. H. Traction cleat for skis. 2,122,718; July 5.
Hill, Fred, San Francisco, Calif. Diffuser for fluid fuel burners. 2,122,688; July 5.
Hill, Harry. (See Hunter, P. V., and Hill.)
Hill, Henry A. (See Bollstrom, Charles E., assignor.)
Hill, Walter M., Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus control system. 2,122,468; July 5.
Hille, Dr. Hermann. (See Egenas, Severin L., assignor.)
Hillers, Carl E., assignor to Blue Ridge Slate Corporation, Charlottesville, Va. Colored roofing. 2,122,862; July 5.
Hilton, Lamar S. (See Kuzmick, J. N., and Hilton.)
Hineline, Edson S. (See Petit, W. H., and Hineline.)
Hinnüber, Josef, Essen-Ruttenscheid, Germany, assignor to General Electric Company, Schenectady, N. Y. Sintered hard metal alloys. 2,123,046; July 5.
Hitner, Harry F., Oakmont, Pa., asignor to Pittsburgh Plate Glass Company. Apparatus for making glass. 2,122,469; July 5.
Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Magnetic detector. 2,123,045; July 5.
Hodos, Steve J., San Francisco, Calif. Locking mechanism for building structures. 2,123,107; July 5.
Hodson, Walter D., Chicago, Ill. Lubricant. 2,122,940; July 5.
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoe, R., & Co. (See Lougee, Frederick G., assignor.)
Hoffmann, Gilbert F., Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Viscosimeter. 2,122,470; July 5.
Holsten, Hermann. (See Hentrich, W., Keppler, and Holsten.)
Honold, Ernst. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
Hood, Myrtle. (See Hood, Oria E., assignor.)
Hood, Oria E., deceased, Indianapolis, Ind.; E. P. Warren, administrator, assignor to M. Hood. Fire extinguishing and preventing foam, base therefor, and producing the same. 2,122,883; July 5.
Hopper, Basil, Palos Verdes Estates, asignor to Union Oil Company of California, Los Angeles, Calif. Stabilizing sulphur containing petroleum oils. 2,122,795; July 5.
Horii, Shinjiro, Kanda-ku, Tokyo, Japan. Stencil sheet. 2,122,774; July 5.
Horn, Amos A., Grand Junction, Colo. Cream remover. 2,123,047; July 5.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Controlling device for printing machines. 2,122,796; July 5.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,122,797; July 5.
Hosiery Developments Limited. (See Mills, Robert K., assignor.)
Hossfeld, Albert, Winona, Minn. Spring device for drilling machines. 2,123,048; July 5.
Houdaille-Hershey Corporation. (See Ferguson, Arthur P., assignor.)
Houde Engineering Corporation. (See Casper, Anthony B., assignor.)
Houde Engineering Corporation. (See Chisholm, Harry L., Jr., assignor.)
Houde Engineering Corporation. (See Lautz, C. F., and Peo, assignors.)

Howard, John H., Huntington Park, and A. C. Catland, Alhambra; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Reamer. 2,122,863; July 5.
Huet, André, Paris, France. Apparatus for reducing resistance. 2,122,422; July 5.
Huff, Walter N., Harwood, Tex. Rodless pump. 2,123,139; July 5.
Hufner, Joyse P., and C. P. Wood, assignors to Polymet Manufacturing Corporation, New York, N. Y. Photocell housing. 2,122,941; July 5.
Hughes, James G., Cincinnati, Ohio. Electrical heating device. 2,122,522; July 5.
Hughes Tool Company. (See Scott, Floyd L., assignor.)
Hughes Tool Company. (See Scott, F. L., and Sherman, assignors.)
Hughes Tool Company. (See Smith, Fred C., Jr., assignor.)
Hulbert, John L., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 2,122,471; July 5.
Hulskamp, Bernardus, Alkmaar, Netherlands. Device for severing measured portions from a bar of ice cream. 2,122,523; July 5.
Hunter, Benjamin F., Pittsburgh, Pa., assignor to Gulf Research & Development Company. Dust preventative and laying dust. 2,122,524; July 5.
Hunter, Frederick L. (See Balke, C. W., Hunter, and Haskell.)
Hunter, Philip V., London, and H. Hill, Belvedere, Kent, assignors to Callender's Cable and Construction Company, Limited, London, England. Stranded member formed of wire or metal strip, particularly applicable to electric conductors. 2,122,911; July 5.
Huntsman, Bert J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for manufacturing metal closures. 2,122,525; July 5.
Hurst, Edward, and M. Crane, assignor to United Cotton Products Company, Fall River, Mass. Web material and making the same. 2,122,472; July 5.
Hurst, Edward, and M. Crane, assignors to United Cotton Products Company, Fall River, Mass. Forming a web. 2,122,473; July 5.
Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Abrading machine. 2,122,942; July 5.
Hygienic Dust Bag Corporation. (See Gasner, Philip and S., assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hentrich, W., Keppler, and Holsten, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Maier, Walter, assignor.)
I. F. Farbenindustrie Aktiengesellschaft. (See Mues, Otto, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, Karl, assignor.)
I. G. Farbenindustrie Aktengesellschaft. (See Wulff, C., and Dorrer, assignors.)
I. S. M. Limited. (See Sandor, Nicholas, assignor.)
Illinois Tool Works. (See Olson, Carl G., assignor.)
Infilco Inc. (See Behrman, Abraham S., assignor.)
International Patents Development Company. (See Jefferies, Frederick L., assignor.)
Irby, William, Saugus, Mass., assignor to General Electric Company. Mirror. 2,123,049; July 5.
Ireland, Murray. (See Hendrickson, Fritz E., assignor.)
Ireland, Murray. (See Larson, K. R., and Ireland.)
Iron Fireman Manufacturing Company. (See Banfield, Thomas H., assignor.)
Iron Fireman Manufacturing Company. (See Birkenbeuel, Edward B., assignor.)
Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
Iron Fireman Manufacturing Company. (See van Rijswijk, Jacobus N., assignor.)
Irschik, Franz, Purkersdorf, Austria. Boiler, more particularly oil burning sectional boiler. 2,122,610; July 5.
Jackson, George F., Toledo, Ohio. Brake shoe key. 2,123,108; July 5.
Jacobs, E. H., Manufacturing Company. (See Bullard, W. Irving, assignor.)
Jacobs, Rex C., Detroit, Mich. Adjustable vehicle seat. 2,122,645; July 5.
Jaeckel, Franz O., Johannesburg, Transvaal, Union of South Africa. Safety catch for hoist conveyances. 2,122,943; July 5.
Jagoe, Walker M., Denton, assignor of one-half to G. S. Campbell, Dallas, Tex. Asphalt distributor. 2,123,156; July 5.
Jakala, Stanislaw, Chicago, Ill. Sanitary device. 2,123,109; July 5.
Jamison Cold Storage Door Co. (See Mims, D. K., Leonard, and Jamison, assignors.)
Jamison, John V., Jr. (See Mims, D. K., Leonard, and Jamison.)
Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,122,646; July 5.
Jarvis, Kenneth W., Chicago, Ill., assignor to Radio Corporation of America, New York, N. Y. Radio receiving circuits. 2,122,775; July 5.
Jefferies, Frederick L., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Starch tabling process. 2,122,647; July 5.
Johansson, Johan E., assignor to Aktiebolaget Götaverken, Gothenburg, Sweden. Internal combustion power plant. 2,123,000; July 5.
Johnson Laboratories, Inc. (See Whipple, Allen D., assignor.)
Johnson, Marwin R., Schenectady, N. Y., assignor to General Electric Company. Variable capacitor. 2,123,050; July 5.
Johnson, Stanley N., assignor to Motor Wheel Corporation, Lansing, Mich. Work remover. 2,122,648; July 5.
Johnson, William F., assignor to Mentmore Manufacturing Co., Limited, London, England. Self filling fountain pen. 2,123,110; July 5.
Johnston, Dwight A., assignor to McKay Machine Company, Youngstown, Ohio. Aligning device for cold roll forming machines and the like. 2,122,615; July 5.
Johnston, James L. (See Bozeman, John F., assignor.)
Johnston, Robert C., Longview, Tex. Polish rod hanger. 2,122,944; July 5.
Jones, Charles F., Burlingame, Calif. Apparatus for copying color film. 2,122,689; July 5.
Jones, John E., and A. C. Cox, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivatives. 2,122,572; July 5.
Jones & Laughlin Steel Corporation. (See Lynch, Albert S., assignor.)
Jones & Vining, Inc. (See Harriman, C. E., and Robinson, assignors.)
Jonsson, Anders J., Linkoping, Sweden. Bottle capping machine. 2,122,864; July 5.
Jordan, Wayne D., New Rochelle, and P. D. Van Vliet, assignors to Savage Arms Corporation, Utica, N. Y. Ice cream cabinet. 2,122,744; July 5.
Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Round-feeding mechanisms. 2,122,423; July 5.
Kahn, Benjamin, assignor to Kinetic Cycle Research Corporation, New York, N. Y. Masterless connecting rod mechanism for radial engines or pumps. 2,122,745; July 5.
Kahn, Lewis I., New York, N. Y. Venetian blind. 2,123,010; July 5.
Kahn, Milton, New York, N. Y. Stereoscopic viewer. 2,122,649; July 5.
Karl, Heinrich, Jersey City, N. J. Device for holding films or the like. 2,122,474; July 5.
Kastel, Karl, White Plains, assignor to Gutenstein Brothers, Inc., New York, N. Y. Container for cigarettes and other articles. 2,123,157; July 5.
Kattermann, Emil D., assignor to Swiss Knitting Company, Dover, N. J. Connection between two edges of textile material. 2,122,526; July 5.
Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Timer. 2,123,052; July 5.
Keene, Alvin D., assignor to Samson-United Corporation, Rochester, N. Y. Electric heating pad. 2,122,650; July 5.
Keil, Havard L., assignor to Armour and Company, Chicago, Ill. Preparing thymonucleic acids. 2,122,651; July 5.
Kennedy, Freeman W., Montclair, N. J., assignor to Malleable Iron Fittings Company, Branford, Conn. Highway guard fixture. 2,123,051; July 5.
Keppler, Helmut. (See Hentrich, W., Keppler, and Holsten.)
Kern, Jean G., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Diazoamino compounds and their manufacture. 2,122,424; July 5.
Kernahan, Martin P., assignor to The Canister Company, Phillipsburg, N. J. Lock-top container. 2,122,746; July 5.
Kerr, Isabell B. (See Brooks, Robert A., assignor.)
Ketchpel, Paul A., West Englewood, N. J., and E. B. Sadtler, New York, N. Y.; said Ketchpel assignor to The Standard Stoker Company, Inc., (1922). Fuel feeding system. 2,122,425; July 5.
Keyston, John E., Hayes, F. H. Nicoll, Ickenham, and O. Klemperer, Hayes, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge apparatus. 2,123,011; July 5.
Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
Kinetic Cycle Research Corporation. (See Kahn, Benjamin, assignor.)
King, Valentine J., House Springs, Mo. Bolt action rifle. 2,123,111; July 5.
Kirby, Alfert F., assignor of ten percent to P. H. Gabert, California, Mo. Saw attachment for portable electric drills. 2,122,611; July 5.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Roofing felt. 2,122,747; July 5.
Kissane, John F., assignor of one-half to J. H. Murphy, Detroit, Mich. Engine starters for motor-driven vehicles. 2,122,816; July 5.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company, Railway truck. 2,123,053; July 5.
Klages, Frank E. P., Park Ridge, assignor to The Powers Regulator Company, Chicago, Ill. Apparatus for evolving water vapor. 2,122,573; July 5.
Klein, Carl E. (See Eldridge, H. B., and Klein.)
Kleinschmidt, Hans E., Berlin, Germany. Method of and machine for marking leather or the like. 2,122,945; July 5.

Klemperer, Otto. (See Keyston, J. E., Nicoll, and Klemperer.)

Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Latch mechanism. 2,122,612; July 5.

Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Frangible link. 2,122,426; July 5.

Knight, Nelson M., Weymouth Heights, Mass. Pulp screening machine. 2,122,475; July 5.

Koca, James F., Woodstock, assignor to R. W. Sears, II, Chicago, Ill. Remote control mechanism for radio receiving sets. 2,122,613; July 5.

Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter stop mechanism. 2,122,614; July 5.

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,122,427; July 5.

Kränzlein, Georg, and E. Diefenbach, Frankfort-on-the-Main, E. Fischer, Bad Soden-on-the-Taunus, and E. Honold, F. Eggert, and H. Krauss, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs of the anthraquinone series capable of being chromed. 2,122,798; July 5.

Krauss, Helmut. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)

Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethynylhydroxycarboxylic acids, lactones thereof and preparing them. 2,122,719; July 5.

Kreisinger, Julius. (See Solterbeck, O., and Kreisinger.)

Kreutzig, Elsa, Jersey City, N. J. Toilet seat attachment to release sanitary tissue covers. 2,123,012; July 5.

Kröhl, Otto L., St. Albans, District Port Elizabeth, Cape Province, assignor to Tube Gold Extractors (Proprietary) Limited, Johannesburg, Union of South Africa. Recovery of precious metals from solutions. 2,122,527; July 5.

Krueger, Elton W., Monterey, Mexico. Camera flashlight synchronizer. 2,123,112; July 5.

Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Meister, Karl, assignor.)

Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,122,865; July 5.

Kuramochi, Fukuo. (See Morris, S. F., and Kuramochi.)

Kushner, Frank, Indiana Harbor, assignor of one-half to C. Dollstedt, Gary, seven and one-half percent to J. Saesan, and five percent to F. Bruno, East Chicago, Ind. Automatically operating window screening device. 2,122,690; July 5.

Kuss, Ralph L., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle structure and the like. 2,122,574; July 5.

Kuzmick, Joseph N., Passaic, and L. S. Hilton, Bloomfield, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Abrasive article. 2,122,691; July 5.

Lacoe, Ralph D., San Diego, Calif. Ice cream making attachment for mechanical refrigerators. 2,122,817; July 5.

Ladrach, Aaron G., Akron, Ohio. Precision measuring devices. 2,122,818; July 5.

Lamb, Edmund J. (See Lamb, Veronica and E. J.)

Lamb, Veronica and E. J., New York, N. Y. Coffee making device. 2,123,054; July 5.

Lamont, James H., assignor to James H. Lamont & Company, Limited, Edinburgh, Scotland. Pipe coupling device. 2,122,616; July 5.

Lamont, James H., & Company. (See Lamont, James H., assignor.)

Langa, Morris, Philadelphia, Pa. Cultivating plants. 2,123,075; July 5.

La Pointe, Albert A. (See Winsor, W. G., Jr., and La Pointe.)

Lare, Maurice A., Brock, Nebr. Tractor wheel rim. 2,122,720; July 5.

Largaud, Joseph A., Point Roberts, Wash. Winch. 2,122,575; July 5.

Larsen, Agnew E., Jenkintown, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary-winged aircraft. 2,122,428; July 5.

Larson, Algot, assignor to Unique Balance Company, New York, N. Y. Window sash balance. 2,122,576; July 5.

Larson, Karl R., and M. Ireland, St. Paul, Minn.; said Ireland assignor to said Larson. Spinner. 2,123,150; July 5.

Latz, Harry L., assignor to Harry Latz Service, Inc., New York, N. Y. Printing apparatus. 2,123,013; July 5.

Latz, Harry, Service, Inc. (See Latz, Harry L., assignor.)

Lauder, Arthur H., and D. R. Shoults, Schenectady, N. Y., assignors to General Electric Company. Starting electric motors. 2,123,055; July 5.

Laurila, Frans H., Worcester, Mass. Tip-up. 2,122,841; July 5.

Lautz, Carl F., and R. F. Peo, assignors to Houde Engineering Corporation, Buffalo, N. Y. Link. 2,122,652; July 5.

Lawrence-McFadden Co., The. (See Schuessele, Elwood J., assignor.)

Lasich, Branko, Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical connecter. 2,122,819; July 5.

Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Shaker for vacuum cleaner filters. 2,122,799; July 5.

Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)

Legg, David A., and H. R. Stiles, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Butyl alcohol fermentation process. 2,122,884; July 5.

Leighton, John W., Port Huron, Mich. Individual suspension. 2,122,476; July 5.

Leighton, John W., Port Huron, Mich. Wheel arm joint. 2,123,086; July 5.

Leighton, John W., Port Huron, Mich. Individual wheel suspension. 2,123,087; July 5.

Leighton, John W., Port Huron, Mich. Wheel arm joint. 2,123,088; July 5.

Leighton, John W., Port Huron, Mich. Adjustable connection for wheel suspension or the like. 2,123,089; July 5.

Leitz, Ernst, G. m. b. H. (See Leitz, L., and Stein, assignors.)

Leitz, Ludwig, and W. Stein, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Camera shutter mechanism. 2,122,671; July 5.

Lemmers, Eugene, Cleveland, assignor to General Electric Company. Starting circuit for electric discharge devices. 2,123,056; July 5.

Lemos, Joe, Salinas, Calif. Repairing cracks in castings. 2,122,842; July 5.

Leo, Albert, deceased, by M. B. Leo, administratrix, Ontario, Calif. Method and apparatus for molding jelly products. 2,122,982; July 5.

Leo, Mary B., administratrix. (See Leo, Albert.)

Leonard, David C. E. (See Mims, D. K., Leonard, and Jamison.)

Leonard, Simpson C., Jr., Detroit, Mich. Making an oil seal. 2,122,477; July 5.

Levi, Ormonde S. (See Calkins, L. E., and Levi.)

Levy, Maurice L., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Wave signaling system. 2,122,653; July 5.

Lévy, René L., Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques, S. I. A. M., Fribourg, Switzerland. Retractable landing gear for aeroplanes. 2,123,113; July 5.

Levy, Sol J., New York, N. Y., assignor, by mesne assignments, to Federal Telegraph Company, Newark, N. J. Automatic remote control radio receiving set. 2,122,912; July 5.

Lewis, Florence N., New York, N. Y. Vanity case. 2,122,983; July 5.

Lieber, Hugo, assignor to Lieber Patents Corporation, New York, N. Y. Hearing aid. 2,122,429; July 5.

Lieber Patents Corporation. (See Lieber, Hugo, assignor.)

Lipford, Samuel G., et al. (See Foster, Robert J., assignor.)

Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Float valve. 2,122,866; July 5.

Liquilock, Inc. (See Stonebraker, Lyndon G., assignor.)

Lira, Pedro, Santiago, Chile. Film feeding mechanism. 2,122,946; July 5.

Liss, Samuel A., Philadelphia, Pa., assignor of one-half to H. B. Hamill, Haddonfield, N. J. Lock. 2,122,478; July 5.

Little, Arthur D., Inc. (See Crocker, E. C., and Billings, assignors.)

London, Bernard, New York, N. Y. Building construction. 2,122,479; July 5.

Long, Paul H., and T. W. Allsworth, Middletown, Ohio. Sheet handling arrangement. 2,122,450; July 5.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Hand trap. 2,122,984; July 5.

Looper, Glenn, Dalton, Ga. Tufting machine. 2,123,114; July 5.

Lopez, David C., Chicago, Ill. Slicing and dispensing device. 2,122,947; July 5.

Lord, Chester A., assignor to Universal Form Clamp Co., Chicago, Ill. Continuous stirrup for concrete construction work. 2,122,985; July 5.

Lougee, Frederick G., London, England, assignor to R. Hoe & Co., Inc., New York, N. Y. Matrix drying machine. 2,122,800; July 5.

Lowey, Roy E., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,122,480; July 5.

Lowey, Roy E., assignor to Container Corporation of America, Chicago, Ill. Container. 2,122,885; July 5.

Lowy, Leo, Brooklyn, N. Y. Calendar writing instrument. 2,122,431; July 5.

Lubins, Lynn J., St. Paul, Minn. Mowing apparatus. 2,122,692; July 5.

Ludwig, John, Detroit, Mich. Hinge. 2,122,528; July 5.

Lufkin Rule Company, The. (See Witchger, Eugene J., assignor.)

Lynch, Albert S., Beaver, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Making a tubular product. 2,122,481; July 5.

Machemer, Jacob, Jackson Heights, N. Y. Nicotine separating cool smoke pipe stem. 2,123,014; July 5.

MacLean, Allen D., and F. Niesemann, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pressure compensating gas meter. 2,122,520; July 5.

MacLean, Robert S. (See Mattes, L. H., and MacLean.)

Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Air conditioning apparatus for passenger cars. 2,123,076; July 5.

Maier, Walter, Jessnitz in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial threads. 2,122,801; July 5.

Maillat, Gustave E., Voisins-le-Bretonneux, by Trappes, assignor to Union d'Electricite, Paris, France. Stroboscopic device for checking and adjusting meters. 2,123,115; July 5.

Malcolm, Robert. (See Whipple, Willis A., assignor.)

Malina Company. (See Siegel, Morris, assignor.)

Malleable Iron Fittings Company. (See Kennedy, Freeman W., assignor.)

Mallon, Edward J. (See Tinker, W. H., and Mallon.)

Malter, Louis. (See Piore, E. R., and Malter.)

Maney, Dorthy B. (See Gladding, E. K., and Maney.)

Manion, Charles H., Follansbee, W. Va. Pickling coiled metal. 2,122,913; July 5.

Mantle Lamp Company of America, The. (See Angeletti, Joseph M., assignor.)

Mapes, Dwight B. (See Dons, E. M., Mauro, and Mapes.)

Marathon Paper Mills Company. (See Snyder, Donald A., assignor.)

March Automatic Irrigation Company. (See Turner, Cecil E., assignor.)

Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Seal for discharge lamps. 2,123,015; July 5.

Marks, Barnard M., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization. 2,122,886; July 5.

Marr, Arthur P. (See Marr, George M. and A. P.)

Marr, George M., New York, and A. P. Marr, Brooklyn, assignors to Air Conditioners, Inc., New York, N. Y. Air conditioning apparatus. 2,122,482; July 5.

Marshall, Bruce D., and T. J. McCormick, Detroit, Mich. Heat sensitive device. 2,122,820; July 5.

Marshall, Louise M., Shaker Heights, Ohio. Garment hanger. 2,122,617; July 5.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Oppositely rotating coaxial propellers. 2,123,057; July 5.

Marx, Louis, & Company. (See Heppner, John W. K., assignor.)

Marziani, Frank, Brooklyn, N. Y. Antislip device for footwear. 2,122,867; July 5.

Maschke, Arthur F., St. Paul, Minn. Adjustable and collapsible skirt blocker. 2,122,432; July 5.

Maseng, Olav, assignor to Square D Company, Detroit, Mich. Bimetal and circuit breaker employing the same. 2,122,693; July 5.

Maslin, Thomas L., Bloomfield, and R. N. Thomas, East Orange, N. J., assignors to General Electric Company. Control device and system. 2,123,058; July 5.

Mason, William C., Albany, N. Y. Oil burner. 2,122,986; July 5.

Massey Concrete Products Corporation. (See McDaniel, William L., assignor.)

Massey, Owen, Harborne, Birmingham, England. Machine for delivering or dispensing lengths of sealing tape from a roll. 2,122,843; July 5.

Mastic Asphalt Corporation. (See Mattes, L. H., and Maclean, assignors.)

Mattes, Lee H., and R. S. Maclean, assignors to Mastic Asphalt Corporation, South Bend, Ind. Interlocking panel siding. 2,122,577; July 5.

Matthies, Kurt, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electron discharge tube. 2,122,776; July 5.

Mauro, Oswald G. (See Dons, E. M., Mauro, and Mapes.)

Mayer, Benjamin, Brooklyn, N. Y. Rug making device. 2,123,077; July 5.

Mayer, David O., Charlotte, N. C. Cooking stove burner attachment for heating water. 2,122,844; July 5.

Mayer, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Berlin, Germany. Four-pole device containing nonlinear resistors. 2,122,748; July 5.

McCall Corporation. (See Eaton, Everett R., assignor.)

McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Voltage sensitive reversible motor. 2,123,140; July 5.

McCormick, Thomas J. (See Marshall, B. D., and McCormick.)

McDaniel, William L., Cleveland, Ohio, assignor to Massey Concrete Products Corporation, Chicago, Ill. Cribbing. 2,123,016; July 5.

McDerment, James H., assignor to The Swartwout Company, Cleveland, Ohio. Ridge ventilator. 2,122,530; July 5.

McElwaine, Clayton B., assignor of fifty-one per cent to H. N. Greis, Tulsa, Okla. Gas regulating valve. 2,122,987; July 5.

McFarland, John W., St. Anthony, Idaho, assignor to Easy Lift Lid Company. Mechanical device for opening milk cans. 2,122,618; July 5.

McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Lighting control system. 2,122,887; July 5.

McKay Machine Company. (See Johnston, Dwight A., assignor.)

McKay Machine Company, The. (See Wardle, Ambrose J., assignor.)

McLeer, Joseph F., Brooklyn, N. Y. Electrical drill or hammer. 2,122,888; July 5.

McMahon, Edward J., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,123,141; July 5.

McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Indicating and calculating system. 2,123,142; July 5.

McMaster, Archie J., Highland Park, and A. Christy, assignors to G-M Laboratories, Inc., Chicago, Ill. Testing of lubricants. 2,122,578; July 5.

McMath, John F., Oakland, Calif. Dental instrument. 2,122,619; July 5.

McWane Cast Iron Pipe Co. (See Hafen, Frederick T. assignor.)

Meckstroth, Louis W., Chicago, Ill. Intra-uterine device. 2,122,579; July 5.

Meigs, Frederick M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Co., Wilmington, Del. Coated films and making the same. 2,122,433; July 5.

Meister, George. (See Marden, J. W., and Meister.)

Meister, Karl, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Jaw breaker. 2,123,017; July 5.

Menaul, Paul L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Acidizing wells. 2,122,483; July 5.

Mentmore Manufacturing Co. (See Johnson, William F., assignor.)

Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)

Merkel, Erich. (See Wiegand, C., Merkel, and Tietze.)

Michelin & Cie. (See Bourdon, Pierre M., assignor.)

Mid-Continent Petroleum Corporation. (See Dons, E. M., Mauro, and Mapes, assignors.)

Miller, J. C., Company. (See Twyning, Vernon J., assignor.)

Mills, Robert K., Sherwood, Nottingham, assignor to Hosiery Developments Limited, Nottingham, England. Knitted fabric. 2,123,116; July 5.

Millward, Sidney W., assignor to Elson & Robbins Limited, Long Eaton, near Nottingham, England. Spring assembly for seating and the like. 2,122,531; July 5.

Mims, Douglas K., D. C. E. Leonard, and J. V. Jamison, Jr., assignors to Jamison Cold Storage Door Co., Hagerstown, Md. Flexible curtain for doorways. 2,122,532; July 5.

Minneapolis-Honeywell Regulator Company. (See McGrath, William L., assignor.)

Mitchell, Harold U., Medford, Oreg. Spray gun container holder. 2,122,533; July 5.

Model, Harry, et al. (See Segal, Samuel, assignor.)

Mohr, Otto H., Concord, Calif. Solar heater. 2,122,821; July 5.

Moncrieff, Robert W. (See Dreyfus, H., and Moncrieff.)

Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Clamp. 2,122,868; July 5.

Morgan, Truman H. (See Robertson, Cleo A., assignor.)

Morrell, Jacque C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,122,777; July 5.

Morris, John T., Los Angeles, Calif. Perfume applicator. 2,122,580; July 5.

Morris, Merchant, near Indianapolis, Ind. Greenhouse glass seal. 2,122,869; July 5.

Morris, Samuel F., New York, N. Y., and F. Kuramochi, Tokyo, Japan, assignors to Louis Wolf & Co. Inc., New York, N. Y. Toy. 2,123,143; July 5.

Morrisett, O. L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer for oil wells. 2,122,749; July 5.

Morrison, Montford, Montclear, N. J., and A. Simon, Elmhurst, N. Y., assignors, by mesne assignments, to Westinghouse X-ray Company, Inc. 2,123,018; July 5

Morton, Charles, Pawtucket, R. I., assignor to J. & P. Coats (Rhode Island) Incorporated. Builder motion for textile machinery. 2,122,434; July 5.

Motor Wheel Corporation. (See Johnson, Stanley N., assignor.)

Mueller, William A., Hollywood, assignor to United Research Corporation, Burbank, Calif. Microphone boom. 2,122,778; July 5.

Mues, Otto, Frankfort-on-the-Main-Schwanheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of acetylene. 2,122,889; July 5.

Müller, Curt, Berlin-Wilmersdorf, Germany. Electric iron. 2,122,694; July 5.

Müller, Ferdinand C. H. (See Pilliod, T. J., and Müller.)

Müller, John, Philadelphia, Pa., assignor to Commercial Solvents Corporation, New York, N. Y. Fermentation mash. 2,123,078; July 5.

Murphy, James H. (See Kissane, John F., assignor.)

Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)

Murray, Frederick F., Pittsburgh, Pa. Cooled valve. 2,122,484; July 5.

Nachman Spring-Filled Corporation. (See Gleason, William W., assignor.)

Nash-Kelvinator Corporation. (See Thomas, Charles C., assignor.)

National Aniline & Chemical Company. (See Herrett, Wilbert A., assignor.)
National Aniline and Chemical Company. (See Kern, Jean G., assignor.)
National Oil Seal Co. (See Owen, Donham, assignor.)
Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc. Shockproof X-ray tube stand. 2,122,988; July 5.
Nelson, Charles E. (See Hanwalt, J. D., and Nelson.)
Nelson, Charles E., and J. S. Peake, assignors to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,122,435; July 5.
Nelson, Oscar G., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Coiling apparatus. 2,122,485; July 5.
Newberry, Louis, Los Angeles, Calif. Mechanical self-locking comb. 2,123,117; July 5.
Newell, Harold D., Beaver Falls, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Apparatus for elevated temperature service. 2,123,144; July 5.
Newell Mfg. Co., The. (See Acker, Aaron C., assignor.)
Newhall, Carl A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lip turning machine. 2,122,486; July 5.
New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
Newman, David F., Freeport, N. Y., assignor to Trans-Lux Corporation. Projection screen and producing it. 2,122,890; July 5.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,123,059; July 5.
Nickels, William, and C. J. Aulbach, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Device for dispensing lubricating oil. 2,022,534; July 5.
Nickerson, Orva O., assignor to Fort Wayne Corrugated Paper Company, Fort Wayne, Ind. Shipping container. 2,122,654; July 5.
Nicoll, Frederick H. (See Keyston, J. E., Nicoll, and Klemperer.)
Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Line television. 2,122,750; July 5.
Niederl, Joseph B., New York, N. Y. Preparing phenolic condensation products. 2,122,581; July 5.
Niesemann, Fritz. (See MacLean, A. D., and Niesemann.)
Niles-Bement-Pond Company. (See Shaw, John C., assignor.)
Niles-Bement-Pond Company. (See Terry, Spencer B., assignor.)
Niles, Raymond W., Ann Arbor, Mich. Tie rod end. 2,122,655; July 5.
Niterday Signal Co. (See Bergen, W. V., and Shute, assignors.)
Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 2,122,535; July 5.
Noel, James F., Rawlins, Wyo. Placer mining machine. 2,122,822; July 5.
Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Meter cock. 2,122,721; July 5.
Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve. 2,122,914; July 5.
Norris, Ralph F., Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Filter. 2,122,582; July 5.
North American Holding Corporation. (See Donovan, James J., assignor.)
Norton Company. (See Ridgway, Raymond R., assignor.)
Nystrom, Gunnar B., assignor to The Republic Brass Company, Cleveland, Ohio. Waste and overflow fitting. 2,122,620; July 5.
Oakes Products Corporation. (See Jandus, Herbert S., assignor.)
O'Brien, Frank J. (See Sedwick, M. M., and O'Brien.)
Officer, Robert A. (See Westfall, Ralph R., assignor.)
Ohly, Carl, Darmstadt, Germany. Balancing machine with rocking axis adjustable at will. 2,122,621; July 5.
Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Vehicle signal. 2,122,891; July 5.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Thread forming fastener. 2,122,915; July 5.
Olson, Raymond E., and K. L. Tate, assignors to Taylor Instrument Companies, Rochester, N. Y. Thermosensitive instrument. 2,123,019; July 5.
Oneida Limited. (See Drummond, R. W., and Rogers, assignors.)
O'Neill, John A., Florence, Ala. Insulin bottle holder. 2,122,722; July 5.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch structure. 2,122,892; July 5.
Osborn, William L., and J. H. Williams, Elwood, Ind. Liquid mixer. 2,123,118; July 5.
Overall, Ernest C., Gonzales, Tex. Pump. 2,122,823; July 5.
Oviatt, James, Los Angeles, Calif. Trousers. 2,123,060; July 5.
Owen, Allison D., Berkeley, assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,123,079; July 5.
Owen, William. (See Helchert, H. S., and Owen.)
Oxygen Equipment and Service Co. (See Straw, Clay C., assignor.)
Ozark Chemical Company. (See Abbott, F. C., and Doennecke, assignors.)
Paasche, Fritz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Sealing means for high frequency concentric cables. 2,123,061; July 5.
Packard Motor Car Company. (See Knapp, Archer L., assignor.)
Padelford, Lester E., North Arlington, and A. F. Wilson, Montclair, assignors to Central Stamping Company, Newark, N. J. Dustpan. 2,122,948; July 5.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Corporation. Air compressor unit. 2,122,656; July 5.
Palmer, Charles, et al. (See Segal, Samuel, assignor.)
Papec Machine Company. (See Preston, Ward H., assignor.)
Parizot, Günther, Adolfsberg, Stockholm, Sweden. Device for cleaning and keeping artificial dentures. 2,122,583; July 5.
Parker, Ira T., Tulsa, Okla. Film developing apparatus. 2,122,916; July 5.
Parva Products Company. (See Zetnick, Paul F., assignor.)
Pastor, Santos, New York, N. Y. Insect trap. 2,122,487; July 5.
Patent and Licensing Corporation, The. (See Dudleston, William G., assignor.)
Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
Patterson, Herbert F., St. Clair Shores, assignor to Chrysler Corporation, Detroit, Mich. Power transmission. 2,122,488; July 5.
Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Driving mechanism for printing apparatus and the like. 2,122,536; July 5.
Peake, John S. (See Nelson, C. E., and Peake.)
Peck, Matt R., Gardena, assignor of one-half to B. E. Bertran and one-half to J. A. Bertran, Los Angeles, Calif. Undercutting bucket. 2,122,584; July 5.
Peel, Frederick W. (See Roberts, D., Scott, and Peel.)
Peerless Roll Leaf Co. (See Wickwire, Arthur M., Jr., assignor.)
Peller, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Device for blowing and cooling glassware. 2,123,145; July 5.
Pellett, Fred G., Schenectady, N. Y., assignor to General Electric Company. Abradant. 2,123,062; July 5.
Penn, William D., Dallas, Tex. Hearing aid apparatus. 2,123,119; July 5.
Pennsylvania Railroad Company, The. (See Madden, William J., assignor.)
Peo, Ralph F. (See Lautz, C. F., and Peo.)
Permutit Company, The. (See Pick, Eric, assignor.)
Pestarini, Joseph M., Grant City, Staten Island, N. Y. Amplifier of space displacements. 2,122,917; July 5.
Peters, Charles F., Great Kills, Staten Island, N. Y. Automatic time and program selector. 2,122,779; July 5.
Peters, Leo R., Cleveland, Ohio, assignor to General Electric Company. Resistance welding apparatus. 2,123,063; July 5.
Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Yarn clearer. 2,122,989; July 5.
Petit, William H., Dayton, Ohio, and E. S. Hineline, assignors to Folmer Graflex Corporation, Rochester, N. Y. Photographically recording voting machine indications. 2,123,151; July 5.
Peyton, Harlan I., Spokane, Wash. Rotary cooking appliance. 2,122,780; July 5.
Pfeffer, Edward C., Jr., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Producing coated sheet metal articles. 2,122,537; July 5.
Phillips, Harry A., Chicago, Ill. Valve. 2,123,020; July 5.
Phillips, Harry A., Chicago, Ill. Refrigeration system. 2,123,021; July 5.
Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
Phinney, Edward D., Mount Vernon, N. Y. Communication system. 2,122,918; July 5.
Phipps, John T., Huntington Park, Calif., assignor to Halliburton Oil Well Cementing Company. 2,122,751; July 5.
Pick, Eric, assignor to The Permutit Company, New York, N. Y. Hardness testing in water softeners. 2,122,824; July 5.
Pickup, George E., assignor to The Florence-Wehrle Stove Co., Newark, Ohio. Utility cabinet for solid fuel cook stoves. 2,122,489; July 5.
Pilliod Cabinet Company, The. (See Pilliod, T. J., and Miller, assignors.)
Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Display case. 2,123,022; July 5.
Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Article display cabinet. 2,123,023; July 5.

Pinell, Walter, Falkensee, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, near Berlin, Germany. Telephone system. 2,122,490; July 5.
Pinkham, Le Roy S., Santa Barbara, Calif. Combined film cradle and drying rack. 2,122,723; July 5.
Piore, Emanuel R., Philadelphia, Pa., and L. Malter, Oaklyn, N. J., assignors to Radio Corporation of America. Electrode for electric discharge devices. 2,123,024; July 5.
Piper, William B., assignor to Gasmold Sign Corporation, Memphis, Tenn. Illuminated sign. 2,122,657; July 5.
Piquerez, Emile, St. Cloud, France. Device for automatically controlling the filling of reservoirs, tanks, and the like. 2,122,949; July 5.
Pirani, Marcello, and M. Reger, Berlin, Germany, assignors to General Electric Company. Lighting system including electrical discharge tubes. 2,122,436; July 5.
Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Niesemann, assignors.)
Pittsburgh Plate Glass Company. (See Clause, Robert L., assignor.)
Pittsburgh Plate Glass Company. (See Heichert, H. S., and Owen, assignors.)
Pittsburgh Plate Glass Company. (See Hitner, Harry F., assignor.)
Pittsburgh Plate Glass Company. (See Hoffmann, Gilbert F., assignor.)
Pneumatic Scale Corporation. (See Brautigam, Otto G., assignor.)
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Television receiver. 2,122,990; July 5.
Podwyszynski, Thadeus K., Brooklyn, N. Y. Dispenser. 2,122,695; July 5.
Pollack, Nathan. (See Pollack, Paul and N.)
Pollack, Paul and N., Brooklyn, N. Y. Heating apparatus for the oil in the crankcase and water in the cooling system of internal combustion engines. 2,122,585; July 5.
Polston, John R., assignor to Stanolind Pipe Line Company, Tulsa, Okla. Sampling device. 2,122,991; July 5.
Polymet Manufacturing Company. (See Hufler, J. P., and Wood, assignors.)
Pool, William O. (See Ralston, A. W., and Pool.)
Poston, Emmett V., Springfield, Ill. Fabricated brick wall panel construction. 2,122,696; July 5.
Potter, Charles M., Glendale, assignor to Standard Oil Company, San Francisco, Calif. Instrument carrier. 2,122,697; July 5.
Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Wave amplifier. 2,122,538; July 5.
Powers Regulator Company, The. (See Klages, Frank E. P., assignor.)
Powers Regulator Company, The. (See Young, Howard J., assignor.)
Prentice, George M. (See Bidwell, P. W., and Prentice.)
Prescott, Ford L., Dayton, Ohio. Record sheet holder. 2,122,437; July 5.
Preston, Edward S., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Rubber bladed fan. 2,123,146; July 5.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan structure. 2,122,919; July 5.
Preston, Ward H., assignor to Papec Machine Company, Shortsville, N. Y. Hammer mill. 2,122,658; July 5.
Pride, George H., New York, N. Y. Lift truck or the like. 2,122,992; July 5.
Productive Inventions, Inc. (See Anderson, John W., assignor.)
Products Protection Corporation. (See Haddad, Labeeb B., assignor.)
Quadrex Corporation. (See Leathers, Ward, assignor.)
Quinn, Clara E., Mount Vernon, Ill., assignor to Broquinda, Inc., Wilmington, Del. Water ice refrigerator. 2,122,752; July 5.
Radio Corporation of America. (See Brodton, Lynn, assignor.)
Radio Corporation of America. (See Chittick, Kenneth A., assignor.)
Radio Corporation of America. (See Clay, Murray G., assignor.)
Radio Corporation of America. (See Foster, Dudley E., assignor.)
Radio Corporation of America. (See Green, Ernest, assignor.)
Radio Corporation of America. (See Jarvis, Kenneth W., assignor.)
Radio Corporation of America. (See Piore, E. R., and Malter, assignors.)
Radio Corporation of America. (See Poch, Waldemar J., assignor.)
Radio Corporation of America. (See Ringel, Abraham S., assignor.)
Radio Corporation of America. (See Roberts, Walter V., assignor.)
Radio Corporation of America. (See Stocker, Arthur C., assignor.)
Radio Corporation of America. (See Whistlecroft, Athur W., assignor.)
Radio Corporation of America. (See Young, Lloyd L., assignor.)
Radio aktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)
Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Beams and the like for building construction. 2,122,698; July 5.
Rafter Machine Company. (See Rafter, Albert, assignor.)
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,122,491; July 5.
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,122,492; July 5.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentrating ores. 2,122,659; July 5.
Ramirez, Emanuel, Miraflores, Lima, Peru. Demountable rim. 2,123,025; July 5.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner arm. 2,122,802; Jan. 5.
Raulston, George W. and M. W., Newport, Tenn. Yarn changer for knitting machines. 2,122,845; July 5.
Rauston, Morris W. (See Raulston, George W. and M. W.)
Raybestos-Manhattan, Inc. (See Bockius, C., Batchelor, and Cook, assignors.)
Raybestos-Manhattan, Inc. (See Kuzmick, J. N., and Hilton, assignors.)
Read-Eisler Corporation. (See Read, G. W., and Eisler, assignors.)
Read, George W., and F. J. Eisler, Forest Hills, assignors to Read-Eisler Corporation, New York, N. Y. Preventing an undesired backward movement of motor vehicles. 2,122,660; July 5.
Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton. 2,122,493; July 5.
Refinoil Manufacturing Corporation. (See Harris, William D., assignor.)
Reger, Martin. (See Pirani, M., and Reger.)
Reich, Gustave T., Philadelphia, Pa. Purification of CO_2. 2,122,586; July 5.
Reifer, George M., Rochester, assignor to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,122,950; July 5.
Reiffenstein, Manfred, Vienna, Austria. Turbo machine. 2,123,120; July 5.
Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Spectacle case. 2,122,724; July 5.
Rembalinsky, Louis, assignor of one-half to K. Shivell, Ridgewood, N. J. Sanitary and cleansing comb. 2,122,699; July 5.
Remington Arms Company. (See Loomis, Crawford C., assignor.)
Republic Brass Company, The. (See Nystrom, Gunnar B., assignor.)
Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
Ridabock, Alice B., Stamford, Conn. Magnifying device. 2,122,753; July 5.
Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Ventilated tuyère. 2,122,951; July 5.
Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Electric furnace structure for making abrasive metal carbides. 2,123,158; July 5.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Combined window regulator and door latch operator. 2,122,661; July 5.
Ringel, Abraham S., Brooklyn, N. Y., assignor to Radio Corporation of America. Acoustic device. 2,122,587; July 5.
Rivat, Georges, Lyons, France, assignor to H. Dreyfus, London, England. Treatment of cellulosic materials. 2,123,152; July 5.
Rivat, Georges, Lyons, France, assignor to Celanese Corporation of America. Printing and other textile treatments. 2,123,153; July 5.
River Raisin Paper Company. (See Reaume, Lawrence W., assignor.)
Rivers, Thomas D., Portsmouth, Va. Brake equalizer. 2,122,952; July 5.
Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Indicating device. 2,122,539; July 5.
Roberts, Dudley, New York, N. Y., and T. A. Scott and F. W. Peel, Baltimore, Md., assignors to Rubatex Products, Inc. Expanded rubber. 2,122,438; July 5.
Roberts, Joseph K. (See Carpenter, M. T., Ruthruff, and Roberts.)
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Signal controlled siren oscillator circuit. 2,122,672; July 5.
Robertson, Cleo A., Oxford, assignor of one-half to T. H. Morgan, Winfield, Kans. Doorbell. 2,122,953; July 5.
Robinson, Edward C. (See Harriman, C. E., and Robinson.)
Robinson, James, London, England. Indicating apparatus. 2,122,622; July 5.
Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin, Montreal, Quebec, Canada. Automatic train pipe coupling head. 2,122,439; July 5.
Rock of Ages Corporation. (See Ball, Eldon W., assignor.)

Roesner, Gerhard. (See von Girsewald, Conway, Baron, Weidmann, and Roesner.)
Rogers, Charles E., Detroit, Mich. Apparatus for sterilizing lacteal liquids. 2,122,954; July 5.
Rogers, Max. (See Drummond, R. W., and Rogers.)
Rogers, Paul M., Hastings on Hudson, N. Y. Manufacturing mops and the like. 2,122,623; July 5.
Rohrbaugh, Paul M., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer for wells. 2,122,754; July 5.
Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Conductor for radio frequency currents. 2,122,893; July 5.
Rosch, Arthur, Brieselang, near Nauen, Germany, assignor to General Electric Company. Extraction turbine arrangement. 2,123,064; July 5.
Rowland, John E., Long Beach, Calif. Method and apparatus for treating food remnants. 2,123,080; July 5.
Rowlison, Milton, Goshen, N. Y. Mowing attachment for motor vehicles. 2,122,755; July 5.
Rubatex Products, Inc. (See Roberts, D., Scott, and Peel, assignors.)
Ruff, Edward J., Woodmere, N. Y. Package. 2,122,588; July 5.
Rush, William, Canonsburg, Pa. Collapsible wheel. 2,122,955; July 5.
Russell, Arthur N., Seattle, Wash. Dental stick. 2,122,920; July 5.
Ruthruff, Robert F. (See Carpenter, M. T., Ruthruff, and Roberts.)
Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Fastening for tenon-joints. 2,123,081; July 5.
Sadtler, Edwin B. (See Ketchpel, P. A., and Sadtler.)
Saesan, John, et al. (See Kushner, Frank, assignor.)
Sager, John W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 2,122,894; July 5.
Saginaw Manufacturing Co. (See Sadenwater, Charles W., assignor.)
St. Hilaire, Rodolphe, Montreal, Quebec, Canada. Box toes softener. 2,122,849; July 5.
Salley, Frank W., Atlanta, Ga. Visible accounting, recording, and filing system. 2,122,956; July 5.
Salzberg, Paul L., Edge Moor, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Parasiticides. 2,122,781; July 5.
Sametz, Louis, Westport, Conn. Garment supporter. 2,122,494; July 5.
Samson-United Corporation. (See Keene, Alvin D., assignor.)
Samuels, Leo M., Alexandria, Va. Scale duplicator. 2,122,440; July 5.
Sandor, Nicholas, Surbiton, assignor to I. S. M. Limited, London, England. Advertising device. 2,122,782; July 5.
Sands, Donald, Akron, Ohio. Alarm device. 2,122,921; July 5.
Santamaria, Aristodemo E., Genoa, Italy. Making valve bodies. 2,122,957; July 5.
Santoni, Ermenegildo, Florence, Italy. Automatic aerophotographic camera with a rotary annular plate-magazine. 2,122,870; July 5.
Sardik Incorporated. (See Cowgill, William W., assignor.)
Sass, Friedrich, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Air inlet arrangement for two-cycle internal combustion engines. 2,123,065; July 5.
Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Road torch. 2,122,624; July 5.
Savage Arms Corporation. (See Jordan, W. D., and Van Vliet, assignors.)
Save Electric Corporation. (See Calkins, L. E., and Levi, assignors.)
Saxe, Walter E., Altadena, Calif. Method and apparatus for counterbalancing oil well pumping apparatus. 2,122,871; July 5.
Schaefer, Carl A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,122,700; July 5.
Schäfer, Josef, assignor to J. R. Geigy A. G., Basel, Switzerland. Aromatic sulphones and tanning agents. 2,122,958; July 5.
Scharff, Clinton R., assignor to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,122,959; July 5.
Schirm, Erik, Dessau, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing of textiles. 2,123,154; July 5.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany, Electronic tube. 2,123,159; July 5.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube for television purposes. 2,123,160; July 5.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television tube. 2,123,161; July 5.
Schneider, Paul E. (See Ammen, F. D., and Schneider.)
Schneider, Wilhelm. (See Wilmanns, G., and Schneider.)
Schnoll, Nathan, New York, N. Y., assignor to Solar Manufacturing Corporation. Electrolytic condenser. 2,122,756; July 5.
Scholtes, Albert J., Baltimore, Md., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tube deformer. 2,122,725; July 5.
Schrader, William L., Chicago, Ill. Corn pad and plaster. 2,123,121; July 5.
Schuessele, Elwood J., Jenkintown, assignor to The Lawrence-McFadden Co., Philadelphia, Pa. Wood stain. 2,122,895; July 5.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of alkyl sulphur halides. 2,123,082; July 5.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Method of and apparatus for finishing helical surfaces. 2,122,803; July 5.
Schwartz, Harry, et al. (See Segal, Samuel, assignor.)
Schwartzwalder, Karl, Flint, assignor to General Motors Corporation, Detroit, Mich. Refractory body and making same. 2,122,960; July 5.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Current interrupting means. 2,122,872; July 5.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill stem coupling. 2,122,757; July 5.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Cutter support for roller drills. 2,122,758; July 5.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill cutter. 2,122,759; July 5.
Scott, Floyd L., and R. P. Sherman, assignors to Hughes Tool Company, Houston, Tex. Yieldable pipe wrench. 2,122,760; July 5.
Scott, Herbert J., Oakland, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetron oscillator. 2,122,495; July 5.
Scott, Thomas A. (See Roberts, D., Scott, and Peel.)
Scovill Manufacturing Company. (See Scholtes, Albert J., assignor.)
Sears, Richard W., II. (See Koca, James F., assignor.)
Sedwick, Matthew M., Syracuse, and F. J. O'Brien, Pelham Manor, assignors to Continental Can Company, Inc., New York, N. Y. Device for dispensing lubricating oil. 2,122,540; July 5.
Segal, Samuel, Brooklyn, N. Y., assignor of twenty-five percent to C. Palmer, Washington, D. C., twenty-five percent to H. Model, and twenty-five percent to H. Schwartz, New York, N. Y. Fastening device. 2,122,441; July 5.
Segal, Samuel, Brooklyn, N. Y., assignor of twenty-five percent to C. Palmer, Washington, D. C., twenty-five percent to H. Model, and twenty-five percent to H. Schwartz, New York, N. Y. Fastening device. 2,122,442; July 5.
Segard, Edwin S., San Francisco, Calif. Transmission. 2,122,701; July 5.
Senft, Emil, Cleveland, Ohio. Folding leg card table. 2,122,846; July 5.
Servel, Inc. (See Shagaloff, Harry C., assignor.)
Shade Check, Inc. (See Wilson, James M., assignor.)
Shagaloff, Harry C., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Fuel control means. 2,122,625; July 5.
Shattuck, Owen M., South Zanesville, and M. E. Fulk, Zanesville, Ohio. Combined continuous and intermittent flashing mechanism for neon lamps. 2,122,847; July 5.
Shaw, Charles H., Inwood, N. Y. Insulator and hanger for same. 2,123,122; July 5.
Shaw, John C., assignor to Niles-Bement-Pond Company, Hartford, Conn. Propeller surfacing machine. 2,122,662; July 5.
Sheets, Joseph O., Chapman, Kans. Harvester-thresher unit. 2,122,673; July 5.
Shell Development Company. (See Groll, H. P. A., and Burgin, assignors.)
Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)
Shell Development Company. (See van Peski, Adrianus J., assignor.)
Shepherd, Thomas L., London, England. Making or producing elastic threads of rubber or the like. 2,122,726; July 5.
Shepherd, Thomas L., London, England. Rubber process and product. 2,122,727; July 5.
Shepherd, Thomas L., London, England. Rubber process and product. 2,122,728; July 5.
Sherman, Ralph P. (See Scott, F. L., and Sherman.)
Shivell, Kirk. (See Rembalinsky, Louis, assignor.)
Shoults, David R. (See Lauder, A. H., and Shoults.)
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company, Control system. 2,123,066; July 5.
Shuster, Sidney M., Philadelphia, Pa. Body garment with detachable sleeve. 2,122,873; July 5.
Shute, Arthur C. (See Bergen, W. V., and Shute.)
Siebler, Oscar, Zwickau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Wheel suspenzion for automobiles. 2,122,961; July 5.
Siegel, Morris, assignor to Malina Company, Inc., New York, N. Y. Winding, coning, and the like. 2,122,993; July 5.
Siemen-Schuckertwerke Aktiengesellschaft. (See Matthies, Kurt, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Mayer, Hans, assignor.)
Siemens & Halske Aktiengesellschaft. (See Pinell, Walter, assignor.)

Silhavy, John F., Saginaw, Mich. Making beer or the like. 2,122,761; July 5.
Simeone, John, Hartford, Conn. Tree ball binder. 2,122,663; July 5.
Simjian, Luther G., Riverside, Conn. Window display device. 2,122,496; July 5.
Simmons, Oliver G., Lakewood, Ohio. Method of finishing gears. 2,123,026; July 5.
Simon, Alfred. (See Morrison, M., and Simon.)
Simonson, William F., Forest Hills, N. Y. Tension device. 2,122,896; July 5.
Simplex Time Recorder Co. (See Deane, H. N., and Dell., assignors.)
Sinclair Refining Company. (See Smith, Reading B., assignor.)
Sinko, John, Chicago, Ill. Cigar lighter igniter unit. 2,122,962; July 5.
Sirchie, Francis J., Conshohocken, Pa. Print lifter and method. 2,122,589; July 5.
Skahen, Patrick D., Syracuse, N. Y. Adjustable burial casket. 2,122,590; July 5.
Small, Norman M., and L. Buehler, Jr., assignors to Frick Company, Waynesboro, Pa. Refrigerating system capacity control. 2,123,123; July 5.
Smidth, F. L., & Company. (See Vogel-Jorgensen, Mikael, assignor.)
Smith, Dallas M., Kirkwood, Mo. Piston expander. 2,122,729; July 5.
Smith, Fred C., Jr., assignor to Hughes Tool Company, Houston, Tex. Cutter mounting. 2,122,763; July 5.
Smith, George E., Denver, Colo. Ventilating insole. 2,122,497; July 5.
Smith, Harry A., Watsontown, Pa. Bowl hanger. 2,122,730; July 5.
Smith, Henry J. (See Welborn, E. C., and Smith.)
Smith, Hiram P., West Yarmouth, Mass. Handrail for bathtubs. 2,122,626; July 5.
Smith, Lewie R., Nampa, Idaho. Grass guard for mowers. 2,123,124; July 5.
Smith, Lewis C. (See Atwood, J. T., and Smith.)
Smith, Reading B., Attleboro, Mass., assignor to Sinclair Refining Company, New York, N. Y. Distillation. 2,122,762; July 5.
Smrekar, John, Sr., Millston, Wis. Cattle feed trough. 2,122,591; July 5.
Snyder, Donald A., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Hexagonal carton. 2,123,147; July 5.
Société d'Inventions Aéronautiques et Mécaniques, S. I. A. M. (See Lévy, René L., assignor.)
Societe Anonyme des Ateliers d'Aviation Louis Bréguet. (See Breguet, Louis, assignor.)
Societe des Usines Chimiques Rhone-Poulenc. (See Bellone, Alfred F. S., assignor.)
Solar Manufacturing Corporation. (See Schnoll, Nathan, assignor.)
Solterbeck, Otto, Neuendorf, near Elmshorn, and J. Kreisinger, Hamburg, Germany. Reversing gear. 2,122,541; July 5.
Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
Southgate, George T., Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welded joint and making same. 2,122,994; July 5.
Specht, Harry G., Montclair, assignor, by mesne assignments, to Encor Corporation, Belleville, N. J. Woven wire belt for paper making machines. 2,122,592; July 5.
Spengler, Geo. H., Co. (See Stewart, Ross T., assignor.)
Sperry Gyroscope Company. (See Zand, Stephen J., assignor.)
Square D Company. (See Maseng, Olav, assignor.)
Square D Company. (See Schaefer, Carl A., assignor.)
Stafford, Henry A., Ridley Park, Pa. Treatment of textile fibers. 2,122,593; July 5.
Standard Oil Company. (See Carpenter, M. T., Ruthruff, and Roberts, assignors.)
Standard Oil Company. (See Potter, Charles M., assignor.)
Standard Oil Company (Ohio). (See Ambrosius, George M., assignor.)
Standard Stoker Company, Inc., (1922). (See Ketchpel, P. A., and Sadtler, assignors.)
Stanolind Pipe Line Company. (See Polston, John R., assignor.)
Stearns, Raymond W., Detroit, Mich. Snap-in socket. 2,122,848; July 5.
Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Conveyer belt for fruit sizing machines. 2,122,542; July 5.
Stein, Willi. (See Leitz, L., and Stein.)
Stensvad, Ingolf M., Redwood Falls, Minn. Match equipped cigarette. 2,122,498; July 5.
Sternberg, Howard C., Akron, Ohio. Protector. 2,122,627; July 5.
Stewart, Ross T., assignor to Geo. H. Spengler Co., Rockford, Ill. Clutch and operating mechanism therefor. 2,122,594; July 5.
Stiles, Harry L., Bridgeport, Conn., assignor to General Electric Company. Toaster. 2,123,067; July 5.
Stiles, Hugh R. (See Legg, D. A., and Stiles.)
Stobie, Victor, Harrogate, England. Making metal foundry sand molds. 2,122,825; July 5.
Stocker, Arthur C., Haddon Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Switching device. 2,122,499; July 5.
Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Radio shielding of engine ignition. 2,123,162; July 5.
Stonebraker, Lyndon G., Brooklyn, assignor to Liquilock, Inc., New York, N. Y. Tamperproof container device. 2,122,595; July 5.
Story, Le Roy G., Mount Vernon, assignor to The Texas Company, New York, N. Y. Stabilizing oils. 2,123,083; July 5.
Strang, Harold E. (See Thumin, C., and Strang.)
Strategos, Harry E. (See Cassimatis, Irineos, assignor.)
Straw, Clay C., Ansonville, Pa., assignor to Oxygen Equipment and Service Co., Chicago, Ill. Apparatus for dispensing compressed gases. 2,122,897; July 5.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Golemb, Raymond E., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Levy, Maurice L., assignor.)
Sullivan Machinery Corporation. (See Paget, Win W., assignor.)
Summers, Cherry, Ethel, Mo. Poultry holder. 2,122,731; July 5.
Summers, J. Mills, Englewood, N. J. Coupling. 2,123,068; July 5.
Sun Radiator Cover, Inc. (See Fleischer, Paul, assignor.)
Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display stand. 2,122,500; July 5.
Sunshine Utilities, Inc. (See Winsor, W. G., Jr., and La Pointe, assignors.)
Superheater Company, The. (See Williams, Arthur, assignor.)
Susor, Albert W., Toledo, Ohio. Window construction and regulator for same. 2,122,963; July 5.
Suter, Eugene F., New York, N. Y., and G. B. Finnegan, Jr., Mountain Lakes, N. J., assignors to Eugene Ltd., New York, N. Y. Permanent waving. 2,122,783; July 5.
Svenson, Ernest J., Rockford, Ill. Hydraulic actuator system. 2,122,443; July 5.
Swanson, Harry R. (See Wallis, J. S., and Swanson.)
Swartwout Company, The. (See McDerment, James H., assignor.)
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,122,784; July 5.
Swartz, Guy E., Detroit, Mich. Work holder. 2,122,898; July 5.
Sweetland, Ernest J., Piedmont, Calif. Drying apparatus. 2,122,964; July 5.
Swenson, Eskil W., Cherry Valley, Ill., assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for disintegrating large solids contained in sewage. 2,122,965; July 5.
Swiss Knitting Company. (See Kattermann, Emil D., assignor.)
Tanson, Robert L., Oakland, Calif. Centrifugal switch. 2,123,084; July 5.
Tate, Kenneth L. (See Olson, R. E., and Tate.)
Tauscher, Arno E., Chicago, Ill. Radio receiving structure. 2,123,027; July 5.
Tautz, Herbert E., assignor to Delta Manfacturing Company, Milwaukee, Wis. Drill press table operating means. 2,122,966; July 5.
Taylor Instrument Companies. (See Olson, R. E., and Tate, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ewald, Wolfgang F., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
Terry, Andrew, Company, The. (See Bondeson, Carl G., assignor.)
Terry, Spencer B., West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Precision gauge. 2,122,664; July 5.
Texas Company, The. (See Story, Le Roy G., assignor.)
Thabur, Industrieele en Technische Handelmaatschappij N. V. (See van Viersen, Jacob H., assignor.)
Theis, Joseph, Hutchinson, Kans. Lug. 2,122,967; July 5.
Thomas, Charles C., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,122,501; July 5.
Thomas, Roy N. (See Maslin, T. I., and Thomas.)
Thompson, Browder J., Basking Ridge, N. J., assignor to General Electric Company. Amplifier. 2,122,850; July 5.
Thompson, Browder J., Basking Ridge, N. J., assignor to General Electric Company. Amplifying circuits. 2,122,851; July 5.
Thumim, Carl, Yeadon, and H. E. Strang, South Ardmore, Pa., assignors to General Electric Company. Electric switch gear. 2,123,069; July 5.
Tichenor, Warren C., Glendale, Calif. Motion picture viewer. 2,122,804; July 5.
Tietze, Ernst. (See Wiegand, C., Merkel, and Tietze.)
Tinker, Walter H., Muncie, Ind., and E. J. Mallon, Chillicothe, Ohio. Internal combustion engine. 2,122,785; July 5.
Titeflex Metal Hose Co. (See Stone, R. Harry, assignor.)
Title Guarantee and Trust Company, executor. (See Townsend, Harry E.)

Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body. 2,122,444; July 5.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body. 2,122,445; July 5.
Todd Company, The. (See Payne, Walter B., assignor.)
Tomsicek, William J., St. Paul, Minn., L. L. Dodge, Rhinelander, Wis., and J. B. Calva, St. Paul, Minn., assignors to Dodge Chemical and Manufacturing Company, Chicago, Ill. Container coatings. 2,122,543; July 5.
Towler, Frank H. and J. M. Rodley, near Leeds, England. Fluid-operated balancing system. 2,122,899; July 5.
Towler, John M. (See Towler, Frank H. and J. M.)
Townsend, Harry E., deceased, Brooklyn, N. Y.; Title Guarantee and Trust Company, executor. Hermetically sealed container. 2,122,968; July 5.
Tracy, Atlee H., Chicago, Ill. Container holder. 2,122,628; July 5.
Trans-Lux Corporation. (See Newman, David F., assignor.)
Trico Products Corporation. (See Horton Erwin C., assignor.)
Trico Products Corporation. (See Oishei, John R., assignor.)
Trico Products Corporation. (See Rappl, Anton, assignor.)
Trippe, Graham, Chicago, Ill. Head lamp for vehicles. 2,123,125; July 5.
Trojan Powder Company. (See Williams, David G., assignor.)
Trojan Powder Company. (See Wyler, Joseph A., assignor.)
Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of paraffin hydrocarbons. 2,122,786; July 5.
Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of paraffin hydrocarbons. 2,122,787; July 5.
Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of gaseous paraffins. 2,122,788; July 5.
Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of gaseous paraffins. 2,122,789; July 5.
Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of paraffin hydrocarbons. 2,122,790; July 5.
Trumbull Electric Manufacturing Company. (See Getchell, Benjamin E., assignor.)
Tube Gold Extractors (Proprietary) Limited. (See Krȍhl, Otto L., assignor.)
Turner, Cecil E., Los Angeles, Calif., assignor to March Automatic Irrigation Company, Muskegon, Mich. Sprinkler. 2,122,596; July 5.
Twyning, Vernon J., assignor to J. C. Miller Company, Grand Rapids, Mich. Container for polishing wheel composition. 2,122,665; July 5.
Uhrmacher, Ralph R., Louisville, Ky. Method of and apparatus for dissolving soluble solid materials. 2,122,900; July 5.
Underpinning & Foundation Co. (See Raisch, William, assignor.)
Union Carbide and Carbon Corporation. (See Groff, Frazier, assignor.)
Union Carbide and Carbon Corporation. (See Southgate, George T., assignor.)
Union d'Electricite. (See Mailliat, Gustave E., assignor.)
Union Oil Company of California. (See Card, Earle W., assignor.)
Union Oil Company of California. (See Hopper, Basil, assignor.)
Union Switch & Signal Company, The. (See Lazich, Branko, assignor.)
Unique Balance Company. (See Larson, Algot, assignor.)
United Aircraft Corporation. (See Martin, Erle, assignor.)
United Cotton Products Company. (See Hurst, E., and Crane, assignors.)
United Research Corporation. (See Mueller, William A., assignor.)
United Shoe Machinery Corporation. (See Newhall, Carl A., assignor.)
United Shoe Machinery Corporation. (See Whelton, John M., assignor.)
United States Rubber Products, Inc. (See Dolan, Harry, assignor.)
Universal Form Clamp Co. (See Lord, Chester A., assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
Universal Oil Products Company. (See Tropsch, Hans, assignor.)
Urbanek, Otto J., Chicago, Ill. Handle fastening means. 2,122,901; July 5.
Urech, Henry F., Beaumont, Tex. Garbage can. 2,123,126; July 5.
Uyeda, Katsujiro, Yodobashi-ku, Tokyo and I. Wooga, Setagaya-ku, Tokyo, Japan. Square. 2,122,732; July 5.
Van Bueren, Peter C. L. (See Welborn, E. C., and van Bueren.)
Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treatment of unsaturated compounds. 2,122,826; July 5.
Van Rijswijk, Jacobus N., 's Gravenhage, Netherlands, assignor to Iron Fireman Manufacturing Company Portland, Oreg. Stoking installation. 2,122,733; July 5.
Van Viersen, Jacob H., assignor to Thabur, Industrieele en Technische Handelmaatschappij N. V., The Hague, Netherlands. Device for use in connecting wire ends. 2,123,070; July 5.
Van Vliet, Paul D. (See Jordan, W. D., and Van Vliet.)
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window construction. 2,122,666; July 5.
Viking Engineering Company. (See Christianson, Erling, assignor.)
Vogel, William M., Bloomfield, N. J. Spraying device. 2,123,029; July 5.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Producing colored asbestos-cement products. 2,123,028; July 5.
Von Girsewald, Conway, Baron, H. Weidmann, and G. Roesner, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Recovery of sulphur dioxide. 2,122,544; July 5.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Clutch. 2,123,030; July 5.
Waddell, Homer J., Baltimore, Md. Stop valve. 2,122,667; July 5.
Wagner, Mathias A., Mount Angel, Oreg. Insulated burial vault. 2,122,702; July 5.
Wagner, Walter C., Ardmore, Pa. Pressure compensator. 2,122,597; July 5.
Wallis, John S., New York, and H. R. Swanson, White Plains, assignors to Foster Wheeler Corporation, New York, N. Y. Production of blown asphalt. 2,122,764; July 5.
Wallner, Otto, Starnberg, near Munich, Germany. Padding for gentlemen's and ladies' clothes. 2,122,502; July 5.
Ward, Louis E., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of calcium metal. 2,122,446; July 5.
Wardle, Ambrose J., assignor to The McKay Machine Company, Youngstown, Ohio. Strip uncoiler cradle. 2,122,674; July 5.
Warren, Elmer P., administrator. (See Hood, Orla E.)
Watson, Frank C., Chester, Pa. Sheet metal structure. 2,122,629; July 5.
Watson, William O. (See Berlin, D. R., and Watson.)
Weidmann, Hans. (See von Girsewald, Conway, Baron, Weidmann, and Roesner.)
Weiler, John E., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for testing cement. 2,122,765; July 5.
Weiner, Julius L., New York, N. Y. Thermos carrier. 2,123,031; July 5.
Weinreich, Charles F., Des Plaines, assignor to Cherry-Burrell Corporation, Chicago, Ill. Nozzle for extruding stiff plastic material. 2,122,703; July 5.
Weiss, Morton, et al. (See Foster, William H., assignor.)
Weiss, Samuel, Brooklyn, N. Y. Tag fastener. 2,122,598; July 5.
Welborn, Edgar C., and H. J. Smith, assignors to M. C. Bates, Chicago, Ill. Vaporizing heavy liquid hydrocarbons. 2,122,705; July 5.
Welborn, Edgar C., and P. C. L. van Bueren, assignors to M. C. Bates, Chicago, Ill. Suction vaporizer 2,122,704; July 5.
Western Electric Company. (See Hill, Walter M., assignor.)
Western Electric Company. (See Nelson, Oscar G., assignor.)
Western Electric Company. (See Sager, John W., assignor.)
Westfall, Ralph R., assignor to R. A. Officer, Los Angeles, Calif. Vending machine. 2,122,668; July 5.
Westinghouse Electric and Manufacturing Company. (See Marden, J. W., and Meister, assignors.)
Westinghouse X-Ray Company. (See Morrison, M., and Simon, assignors.)
Westinghouse X-Ray Company. (See Nelson, Albert C., assignor.)
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom unit and making the same. 2,122,503; July 5.
Whipple, Allen D., Alexandria, Ind., assignor to Johnson Laboratories, Inc., Chicago, Ill. Apparatus for compressing finely divided substances. 2,122,874; July 5.
Whipple, Willis A., Camp Lake, Wis., assignor to R. Malcom, Chicago, Ill. Insect electrocuting device. 2,123,127; July 5.
Whistlecroft, Arthur W., Croydon, England, assignor to Radio Corporation of America. Earth switch arrangement. 2,122,902; July 5.
Whitcomb, Charles E., Bayside, Long Island, N. Y. Collapsible table cabinet. 2,122,969; July 5.
Whitley, George L., assignor of one-half to J. S. Whitley Raleigh, N. C. Pressed clothes bagger. 2,122,852; July 5.
Whitley, John S. (See Whitley, George L., assignor.)

Wickersham, Harry P., Huntington Park, and E. Burns, Los Angeles, Calif. Tubing head. 2,122,827; July 5.
Wickwire, Arthur M., Jr., Nutley, assignor to Peerless Roll Leaf Co., Inc., Union City, N. J. Stamping press. 2,122,669; July 5.
Wiegand, Charles F., Upper Darby, Pa. Vaginal syringe. 2,122,995; July 5.
Wiegand, Christian, and E. Merkel, Wuppertal-Elberfeld, and E. Tietze, Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Light filter. 2,122,828; July 5.
Wiener, Edward G., Lynbrook, N. Y. Aerial banner. 2,122,766; July 5.
Wildenthaler, James L., Sandusky, Ohio. Carbon holder. 2,122,829; July 5.
Williams, Arthur, Munster, Ind., assignor to The Superheater Company, New York, N. Y. Steam separator. 2,122,630; July 5.
Williams, Christian G., Palacios, Tex. Scavenging implement. 2,122,767; July 5.
Williams, David G., Allentown, Pa., assignor to Trojan Powder Company. Loading of ordnance. 2,122,996; July 5.
Williams, Joseph H. (See Osborn, W. L., and Williams.)
Wilmanns, Gustav, Wolfen (Kreis Bitterfeld), and W. Schneider, Dessau (Anhalt), Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developers. 2,122,599; July 5.
Wilson, Ashley F. (See Padelford, L. E., and Wilson.)
Wilson, James M., assignor, by mesne assignments, to Shade Check, Inc., Newark, N. J. Shade roller check. 2,122,670; July 5.
Wilson, Lee, Cleveland, Ohio. Heating apparatus. 2,122,504; July 5.
Wincharger Corporation. (See Albers, John R., and G. H., assignors.)
Windle, Winfred W., Millbury, Mass. Wool duster. 2,122,545; July 5.
Winford, John W., Salem, Va. Treating trees. 2,122,734; July 5.
Winkler, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of valuable hydrocarbons. 2,122,903; July 5.
Winsor, William G., Jr., Pawtucket, R. I., and A. A. La Pointe, Hartford, Conn., assignors to Sunshine Utilities, Inc. Oil burner system. 2,123,085; July 5.
Winthrop Chemical Company. (See Wiegand, C., Merkel, and Tietze, assignors.)
Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Try-square. 2,122,875; July 5.
Wolf, Louis, & Co. Inc. (See Morris, S. F., and Kuramochi, assignors.)
Wolfe, Ralph A. (See Duffendack, O. S., and Wolfe.)
Wolvin, Roy M. (See Robinson, Joseph, assignor.)
Wood, Clarence P. (See Hufler, J. P., and Wood.)
Woods, Clayton W., Omaha, Nebr. Liquid testing apparatus. 2,122,922; July 5.
Woodstock Typewriter Company. (See Koca, James F., assignor.)
Wooga, Itsuo. (See Uyeda, K., and Wooga.)
Wulff, Carl, and E. Dorrer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of thermoplastic polymerization products. 2,122,805; July 5.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of aminoguanidine salts. 2,123,032; July 5.
Yettner, Bernard, San Francisco, Calif. Welder's headgear. 2,122,923; July 5.
Yon, Pietro A., New York, N. Y. Game. 2,122,505; July 5.
Youker, Malcolm P., Bartlesville, Okla. Window shade. 2,123,128; July 5.
Young, Howard J., River Forest, assignor to The Powers Regulator Company, Chicago, Ill. Shower mixer. 2,122,600; July 5.
Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,122,768; July 5.
Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Noise reducing means for cabin aircraft. 2,122,447; July 5.
Zeiss Ikon Aktiengesellschaft. (See Görlich, Paul, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Küppenbender, Heinz, assignor.)
Zerk, Oscar U., Cleveland, Ohio, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Wheel. 2,123,129; July 5.
Zerk, Oscar U., Cleveland, Ohio, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,123,130; July 5.
Zetnick, Paul F., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,122,506; July 5.
Zuckerman, Roscoe C., Stockton, Calif. Apparatus for mixing and distributing fertilizers. 2,123,033; July 5.
Zugermayer, Melmore, Southampton, Pa. Jaw assembly for vises. 2,123,131; July 5.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 5TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Concrete, Producing colored. F. H. Amon. Re. 20,776; July 5.
Corner, Round. O. R. Owens. Re. 20,787; July 5.
Drill mechanism. R. K. Jeffrey. Re. 20,783; July 5.
Faucet connecter. W. J. Hooper. Re. 20,782; July 5.
Garment. E. D. Kattermann. Re. 20,785; July 5.
Gas administering machine. J. A. Heidbrink. Re. 20,781; July 5.
Meter installation. E. T. Hagist. Re. 20,780; July 5.
Oil, Lubricating. J. M. Musselman and H. P. Lankelma. Re. 20,784; July 5.
Pin for brake shoes, Locking. G. Garand. Re. 20,779; July 5.
Register, Air. H. L. Eckenroth. Re. 20,778; July 5.
Rubber and its manufacture, Synthetic. W. S. Calcott, F. B. Downing, and D. H. Powers. Re. 20,777; July 5.
Telephone system. R. Taylor and J. A. Mason. Re. 20,786; July 5.

LIST OF DESIGN INVENTIONS

Advertising device. W. D. Brookings, Jr. 110,385; July 5.
Airplane. J. B. Reinhard and L. J. Koch. 110,364; July 5.
Airplane, Monoplane pursuit. R. C. Wilson and L. R. Koepnick. 110,406; July 5.
Alphabet for forming monograms or the like. M. Chernow. 110,342; July 5.
Ash receptacle. J. K. Milton. 110,422; July 5.
Ashtray, Wall-plaque. M. J. Bennett. 110,338; July 5.
Automobile. G. H. Le Boeuf. 110,395; July 5.
Automobile body. T. P. Judd. 110,358; July 5.
Badge or similar article. P. F. La Follette. 110,418; July 5.
Base, Machine tool. M. I. Mathewson. 110,396; July 5.
Bathing trunks. T. R. Upland. 110,424; July 5.
Board for playing the game of quoits. E. G. Schumacher. 110,366; July 5.
Bottle. B. D. Fuerst. 110,354; July 5.
Bottle, Toilet. I. Aizic. 110,333; July 5.
Box, Display. J. E. Thebaud. 110,426; July 5.
Bracelet chain. J. Sand. 110,402; July 5.
Brush, Scouring. A. Racicot. 110,363; July 5.
Cabinet, Cleaning. L. E. Soderquist. 110,368; July 5.
Cabinet, Shooting range. G. Walker. 110,376–7; July 5.
Car or similar article, Rail. D. H. Bell. 110,384; July 5.
Casing and bracket therefor, Combined air conditioning control. L. L. Friez. 110,414; July 5.
Chair. J. F. Eppenstein. 110,386–7; July 5.
Chair. I. Salomon. 110,365; July 5.
Coat. M. Feld. 110,352; July 5.
Coat. J. Matis. 110,420; July 5.
Coat. M. P. Sonberg. 110,370–2; July 5.
Coat, Child's. B. Fischer. 110,411; July 5.
Collar, Shirt. W. Glidden. 110,415; July 5.
Confection, Frozen. W. S. Watts. 110,379–80; July 5.
Container or the like, Edible. W. H. Carter and J. R. Rudderforth. 110,341; July 5.
Dial plate for dispensing pumps, Price and transaction register. E. C. Mayer. 110,361; July 5.
Dial plate for dispensing pumps, Register. E. C. Mayer. 110,360; July 5.
Diner. B. C. Harley. 110,417; July 5.
Display and order card, Combined. G. J. Rhodes. 110,400; July 5.
Doll or similar article. L. Fowler. 110,353; July 5.
Dress. M. Finkelstein. 110,389; July 5.
Dress. E. Fischer. 110,412–13; July 5.
Dress. M. Mullen. 110,399; July 5.
Dress. J. Zinn. 110,407; July 5.
Emblem, Embroidered appliqué. P. Alenikoff. 110,408; July 5.
Fabric, Knitted looped. J. W. Bettmann. 110,339; July 5.
Fabric, Textile. L. J. Brenner. 110,340; July 5.
Fabric, Textile. L. J. Brenner. 110,409; July 5.
Fabric, Textile. W. Cohen. 110,410; July 5.
Fabric, Textile. M. Sokoloff. 110,369; July 5.
Fabric, Textile. M. Sokoloff. 110,404; July 5.
Fabric or similar article, Textile. A. Zavell. 110,382; July 5.
Fabric, Woven textile. J. L. Walther. 110,378; July 5
Game device, Tit-tat-toe. W. C. Horn. 110,357; July 5.
Globe and mounting, Combined. R. R. Dupler. 110,351; July 5.
Hamper. H. Gleitsman. 110,355; July 5.
Hasp, Hinged. S. D. Friedman. 110,390; July 5.
Hat or similar article. J. J. Goodman. 110,416; July 5.
Hinge. J. T. Atwood. 110,335; July 5.
Housing for garbage or sewage triturators and the like. W. B. Marshall. 110,419; July 5.
Knife. E. Morny. 110,397; July 5.
Lace. I. Zendman, Jr. 110,425; July 5.
Lamp. H. Shulman. 110,423; July 5.
Luminaire. J. W. Gosling. 110,356; July 5.
Machine for surfacing and polishing floors. R. F. Kneisley and R. E. Wolfe. 110,394; July 5.
Mouthpiece for pipes or the like. W. W. Barling. 110,336; July 5.
Plate or similar article. A. J. Koch. 110,359; July 5.
Quoit or similar article. W. Anthony. 110,334; July 5.
Rug. F. Sudell. 110,405; July 5.
Sandal. J. Oliphant. 110,362; July 5.
Scale, Platform. C. R. Kirk. 110,393; July 5.
Sheet or similar article, Plastic. E. A. Dunn and E. C. Gauss. 110,343–50; July 5.
Sheet or similar article, Plastic. R. T. Teetsel. 110,373–5; July 5.
Shirt. B. Melville. 110,421; July 5.
Shoe. B. Weiner. 110,381; July 5.
Table, Manicure. I. Salomon. 110,401; July 5.
Tank bulb. N. Becker. 110,337; July 5.
Thermometer. L. Karlen. 110,392; July 5.
Train body, Park. W. B. Schmidt. 110,403; July 5.
Tray. W. Garten. 110,391; July 5.
Tray, Display. H. L. Moseley. 110,398; July 5.
Tray, Serving. L. Farber. 110,388; July 5.
Trim for a door or window frame or the like. D. J. Baum. 110,383; July 5.
Tobacco ash receptacle. P. N. Sea. 110,367; July 5.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 5TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abradant. F. G. Pellett. 2,123,062; July 5.
Abrading machine. P. H. Hutchinson. 2,122,942; July 5.
Abrasive article. J. N. Kuzmick and L. S. Hilton. 2,122,691; July 5.
Accounting, recording, and filing system, Visible. F. W. Salley. 2,122,956; July 5.
Acetylene, Production of. O. Mues. 2,122,889; July 5.
Acid esters of long chain alcohols, Hydroxy carboxylic. G. D. Graves. 2,122,716; July 5.
Acids, Preparing thymonucleic. H. L. Keil. 2,122,651; July 5.
Acoustic device. A. S. Ringel. 2,122,587; July 5.
Actuator for hinged closures. J. S. Gullborg. 2,122,570; July 5.
Adjustable vehicle seat. R. C. Jacobs. 2,122,645; July 5.
Advertising device. N. Sandor. 2,122,782; July 5.
Aerofoil structure. A. S. Barkley. 2,122,709; July 5.
Aeroplane. J. F. G. M. L. Charpentier. 2,123,096; July 5.
Air conditioning apparatus. G. M. and A. P. Marr. 2,122,482; July 5.
Air conditioning apparatus for passenger cars. W. J. Madden. 2,123,076; July 5.
Aircraft, Rotary-winged. A. E. Larsen. 2,122,428; July 5.
Aircraft with rotatable sustaining means. H. S. Campbell. 2,122,450; July 5.
Air filtering material. E. C. Crocker and H. J. Billings. 2,122,514; July 5.
Air inlet arrangement for two-cycle internal combustion engines. F. Sass. 2,123,065; July 5.
Alarm device. D. Sands. 2,122,921; July 5.
Alarm signaling system. C. F. Ffolliott. 2,122,460; July 5.
Alcohol fermentation process, Butyl. D. A. Legg and H. R. Stiles. 2,122,884; July 5.
Alcohols, Production of polyhydric. H. P. A. Groll and G. Hearne. 2,122,813; July 5.
Aligning device for cold roll forming machines and the like. D. A. Johnston. 2,122,615; July 5.
Alloys, Sintered hard metal. J. Hinnüber. 2,123,046; July 5.
Amalgamating machine. G. C. Anderson. 2,122,400; July 5.
Amines, Preparing high molecular weight primary. J. Harwood. 2,122,644; July 5.
Aminoguanidine salts, Preparation of. J. A. Wyler. 2,123,032; July 5.
Amplifier. B. J. Thompson. 2,122,850; July 5.
Amplifier of space displacements. J. M. Pestarini. 2,122,917; July 5.
Amplifier system, Short wave radio frequency. M. G. Clay. 2,122,558; July 5.
Amplifier, Thermionic. E. Green. 2,122,772; July 5.
Anchored heel protector. C. H. Daniels. 2,122,809; July 5.
Anti-slip device for footwear. F. Marziani. 2,122,867; July 5.
Anthraquinone compounds and their preparation. W. A. Herrett. 2,122,882; July 5.
Apparatus control system. W. M. Hill. 2,122,468; July 5.
Apparatus for elevated temperature service. H. D. Newell. 2,123,144; July 5.
Apparatus for operating movable members. G. Efron. 2,122,682; July 5.
Apparatus for reducing resistance. A. Huet. 2,122,422; July 5.
Apparatus for switching on the starter of an internal combustion engine. A. Callsen. 2,123,133; July 5.
Applicator, Perfume. J. T. Morris. 2,122,580; July 5.
Arm, Windshield cleaner. A. Rappl. 2,122,802; July 5.
Articles of hard metal compositions, Fabricating. E. W. Engle. 2,122,459; July 5.
Articles, Producing coated sheet metal. E. C. Pfeffer, Jr. 2,122,537; July 5.
Artillery wheel, Reinforced spoke. C. L. Eksergian and P. W. Gaenssle. 2,123,099; July 5.
Artillery wheel, Single stamping. C. L. Eksergian. 2,122,810; July 5.
Artillery wheel, Single stamping. C. L. Eksergian. 2,123,100; July 5.
Asbestos-cement products, Producing colored. M. Vogel-Jorgensen. 2,123,028; July 5.
Ash remover for underfeed stokers, Bituminous. H. C. Carter. 2,122,807; July 5.
Asphalt distributor. W. M. Jagoe. 2,123,156; July 5.
Asphalt, Production of blown. J. S. Wallis and H. R. Swanson. 2,122,764; July 5.
Attachment for animal traps. C. D. Briddell. 2,123,094; July 5.
Automobile body. J. Tjaarda. 2,122,444–5; July 5.
Automobile steering gear. F. D. Ammen and P. E. Schneider. 2,122,924; July 5.
Bag: *See*—
Hat bag.
Bagger, Pressed clothes. G. L. Whitley. 2,122,852; July 5.
Balancing machine with rocking axis adjustable at will. C. Ohly. 2,122,621; July 5.
Balancing system, Fluid-operated. F. H. and J. M. Towler. 2,122,899; July 5.
Ball and pebble mill. P. O. Abbé. 2,122,399; July 5.
Banner, Aerial. E. G. Wiemer. 2,122,766; July 5.
Beams and the like for building construction. A. Rafter. 2,122,698; July 5.
Beer or the like, Making. J. F. Silhavy. 2,122,761; July 5.
Belt for paper making machines, Woven wire. H. G. Specht. 2,122,592; July 5.
Bimetal and circuit breaker employing the same. O. Maseng. 2,122,693; July 5.
Binder, Tree ball. J. Simeone. 2,122,663; July 5.
Binding, Spiral. W. Grumbacher. 2,123,149; July 5.
Bit: *See*—
Rock bit.
Blank measuring and distributing machine. J. J. Donovan. 2,123,136; July 5.
Blind, Venetian. L. I. Kahn. 2,123,010; July 5.
Blocker, Adjustable and collapsible skirt. A. F. Maschke. 2,122,432; July 5.
Boiler, more particularly oil burning sectional boiler. F. Irschik. 2,122,610; July 5.
Book cover protector. L. L. Douglas. 2,122,638; July 5.
Bottle capping device. A. J. Jonason. 2,122,864; July 5.
Bowl hanger. H. A. Smith. 2,122,730; July 5.
Bowl, Ventilated toilet. W. Herrmann. 2,122,687; July 5.
Box toes softener. R. St. Hilaire. 2,122,849; July 5.
Brake equalizer. T. D. Rivers. 2,122,952; July 5.
Brake lever construction. H. S. Jandus. 2,122,646; July 5.
Brake mechanism. A. B. Bruce. 2,122,678; July 5.
Braun tube. E. Brüche. 2,122,555; July 5.
Brush. W. Grumbacher. 2,122,980; July 5.
Brush-comb. H. Hertzberg. 2,123,043; July 5.
Brush, Multiple unit. H. Hertzberg. 2,123,044; July 5.
Bucket, Undercutting. M. R. Peck. 2,122,584; July 5.
Buckle. P. F. Zetnick. 2,122,506; July 5.
Buffing wheel. F. E. Hendrickson. 2,122,609; July 5.
Builder motion for textile machinery. C. Morton. 2,122,434; July 5.
Building construction. B. London. 2,122,479; July 5.
Burner: *See*—
Oil burner.
Burner attachment for heating water, Cooking stove. D. O. Mayer. 2,122,844; July 5.
Burner system, Oil. W. G. Winsor, Jr., and A. A. La Pointe. 2,123,085; July 5.
Bushing and making the same, Resilient. F. M. Guy. 2,122,839; July 5.
Cabin, Aircraft. D. R. Berlin and W. O. Watson. 2,122,449; July 5.
Cabinet: *See*—
Collapsible table cabinet. Ice cream cabinet.
Display cabinet.
Cabinet for solid fuel cook stoves, Utility. G. E. Pickup. 2,122,489; July 5.
Calcium arsenate, Manufacture of. A. H. Henninger. 2,122,861; July 5.
Calcium, Making. J. D. Hanawalt and C. E. Nelson. 2,122,420; July 5.
Camera flashlight synchronizer. E. W. Krueger. 2,123,112; July 5.
Camera, Photographic. H. Küppenbender. 2,122,865; July 5.
Camera shutter mechanism. L. Leitz and W. Stein. 2,122,671; July 5.
Camera with a rotary annular plate-magazine, Automatic aerophotographic. E. Santoni. 2,122,870; July 5.
Can: *See*—
Garbage can. Tamperproof can.
Can seaming machine. F. W. Burpee. 2,122,877; July 5.
Capacitor, Variable. M. R. Johnson. 2,123,050; July 5.
Car control, Motor. L. H. Browne. 2,123,074; July 5.
Car loading apparatus, Freight. G. M. Reifer. 2,122,950; July 5.
Car loading apparatus, Freight. C. R. Scharff. 2,122,959; July 5.
Carbon holder. J. L. Wildenthaler. 2,122,829; July 5.

Card table, Folding leg. E. Senft. 2,122,846; July 5.
Carrier: *See*—
Instrument carrier. Thermos carrier.
Carton. R. E. Lowey. 2,122,480; July 5.
Carton. L. W. Reaume. 2,122,493; July 5.
Carton, Hexagonal. D. A. Snyder. 2,123,147; July 5.
Case: *See*—
Display case. Vanity case.
Spectacle case.
Casket, Adjustable burial. P. D. Skahen. 2,122,590; July 5.
Casting machine, Centrifugal. F. G. Carrington. 2,123,037; July 5.
Catch for hoist conveyances, Safety. F. O. Jaeckel. 2,122,943; July 5.
Cellulose acetate and other organic esters of cellulose, Treatment of. H. Dreyfus and R. W. Moncrieff. 2,122,793; July 5.
Cellulose derivatives, Manufacture of. J. E. Jones and A. C. Cox. 2,122,572; July 5.
Cement, Apparatus for testing. J. E. Weiler. 2,122,765; July 5.
Centrifugal switch. R. L. Tanson. 2,123,084; July 5.
Chain: *See*—
Post clamp chain.
Chair construction. P. Fleischer. 2,122,935; July 5.
Chest for silverware, etc., Display. R. W. Drummond and M. Rogers. 2,122,738; July 5.
Cigarette, Match equipped. I. M. Stensvad. 2,122,498; July 5.
Cigarette snuff-out holder. G. T. Brandt. 2,122,713; July 5.
Circuit: *See*—
Siren oscillator circuit. Tuning indicator circuit.
Circuit breaker control system. A. E. Anderson. 2,123,034; July 5.
Circuit for electric discharge devices, Starting. E. Lemmers. 2,123,056; July 5.
Circuit protection, Electric. B. E. Getchell. 2,122,794; July 5.
Circuits, Amplifying. B. J. Thompson. 2,122,851; July 5.
Circuits, Radio receiving. K. W. Jarvis. 2,122,775; July 5.
Clamp: *See*—
Swing suspending clamp.
Clamp. E. B. Morgan. 2,122,868; July 5.
Cleaner: *See*—
Windshield cleaner.
Cleaner attachment, Vacuum. P. and S. Gasner. 2,122,568; July 5.
Cleaner support, Vacuum. B. A. Baxter. 2,122,632; July 5.
Cleat for skis, Traction. R. S. Hikel. 2,122,718; July 5.
Clock, Calendar. O. Becker. 2,123,091; July 5.
Closures, Apparatus for manufacturing metal. B. J. Huntsman. 2,122,525; July 5.
Clutch. G. W. von Hofe. 2,123,030; July 5.
Clutch and operating mechanism therefor. R. T. Stewart. 2,122,594; July 5.
Clutch structure. P. Orr. 2,122,892; July 5.
Coatings, Container. W. J. Tomsicek, L. L. Dodge, and J. B. Calva. 2,122,543; July 5.
Cock, Meter. S. J. Nordstrom. 2,122,731; July 5.
Coffee making device. V. and E. J. Lamb. 2,123,054; July 5.
Coil, Electrical. J. W. Sager. 2,122,894; July 5.
Coiling apparatus. O. G. Nelson. 2,122,485; July 5.
Collapsible table cabinet. C. E. Whitcomb. 2,122,969; July 5.
Collapsible wheel. W. Rush. 2,122,955; July 5.
Comb, Mechanical self-locking. L. Newberry. 2,123,117; July 5.
Comb, Sanitary and cleansing. L. Rembalinsky. 2,122,699; July 5.
Combustion apparatus. W. D. Carter. 2,122,929; July 5.
Communication system. E. D. Phinney. 2,122,918; July 5.
Compressor, Air. L. D. Harrison. 2,122,398; July 5.
Compressor unit, Air. W. W. Paget. 2,122,656; July 5.
Condenser: *See*—
Electrolytic condenser.
Conductor for radio frequency currents. H. O. Roosenstein. 2,122,893; July 5.
Conduit for steam condensate. G. F. Gerdts. 2,122,642; July 5.
Conduit, Vacuum cleaner. B. A. Baxter. 2,122,633; July 5.
Cone valve, Automatic. T. Gannestad. 2,123,039; July 5.
Connecter: *See*—
Electric cable connecter. Piling connecter.
Electrical connecter.
Connecters, Manufacturing electric. J. Hansen. 2,123,041; July 5.
Connection between two edges of textile material. E. D. Kattermann. 2,122,526; July 5.
Connection for wheel suspension or the like, Adjustable. J. W. Leighton. 2,123,089; July 5.
Constituents of mineral oils, Separating. E. M. Dons, O. G. Mauro, and D. B. Mapes. 2,122,457; July 5.
Container: *See*—
Hermetically sealed container. Lock-top container.
Key container. Shipping container.
Container. R. E. Lowey. 2,122,885; July 5.
Container conveyer and distributor. C. N. Bergmann. 2,122,769; July 5.
Container device, Tamperproof. L. G. Stonebraker. 2,122,595; July 5.
Container for cigarettes and other articles. K. Kastel. 2,123,157; July 5.
Container for polishing wheel composition. V. J. Twyning. 2,122,665; July 5.
Container holder. A. H. Tracy. 2,122,628; July 5.
Container holder, Spray gun. H. U. Mitchell. 2,122,533; July 5.
Container, Making a greaseproof. J. B. Calva. 2,122,907; July 5.
Control device and system. T. I. Maslin and R. N. Thomas. 2,123,058; July 5.
Control means for liquid fuel burners, Mechanical. A. Curioni. 2,122,930; July 5.
Control mechanism for radio receiving sets, Remote. J. F. Koca. 2,122,613; July 5.
Control of the power delivered by internal combustion engines, Automatic. G. B. Bailey. 2,122,402; July 5.
Control system. D. R. Shoults. 2,123,066; July 5.
Controlling device for printing machines. A. J. Horton. 2,122,796; July 5.
Conveyer belt for fruit sizing machines. F. Stebler. 2,122,542; July 5.
Cooking appliance, Rotary. H. I. Peyton. 2,122,780; July 5.
Cooled valve. F. F. Murray. 2,122,484; July 5.
Cooler: *See*—
Plate cooler.
Cooling jacket construction. R. H. Goddard. 2,122,521; July 5.
Core catcher. R. B. Grainger. 2,122,771; July 5.
Cotton separating and recovering method. T. Earle. 2,122,607; July 5.
CO_2 Purification of. G. T. Reich. 2,122,586; July 5.
Counting device. P. W. Bidwell and G. M. Prentice. 2,122,710; July 5.
Coupling: *See*—
Drill stem coupling. Universal coupling.
Coupling. J. M. Summers. 2,123,068; July 5.
Coupling for canvas tubing. F. M. Bins. 2,122,925; July 5.
Coupling head, Automatic train pipe. J. Robinson. 2,122,439; July 5.
Cracks in castings, Repairing. J. Lemos. 2,122,842; July 5.
Cream remover. A. A. Horn. 2,123,047; July 5.
Cribbing. W. L. McDaniel. 2,123,016; July 5.
Current interrupting means. E. O. Schweitzer, Jr. 2,122,872; July 5.
Curtain for doorways, Flexible. D. K. Mims, D. C. E. Leonard, and J. V. Jamison, Jr. 2,122,532; July 5.
Cutter: *See*—
Drill cutter.
Cutter mounting. F. C. Smith, Jr. 2,122,763; July 5.
Cutter support for roller drills. F. L. Scott. 2,122,758; July 5.
Defroster. J. W. Anderson. 2,122,970; July 5.
Dental instrument. J. F. McMath. 2,122,619; July 5.
Dentures, Device for cleaning and keeping artificial. G. Parizot. 2,122,583; July 5.
Designs for candles, Creating. I. Cassimatis. 2,122,451; July 5.
Destination indicator. J. A. Bombard and E. H. Acree. 2,122,855; July 5.
Device containing nonlinear resistors, Four-pole. H. Mayer. 2,122,748; July 5.
Device for automatically controlling the filling of reservoirs, tanks, and the like. E. Piquerez. 2,122,949; July 5.
Device for blowing and cooling glassware. K. E. Peiler. 2,123,145; July 5.
Device for severing measured portions from a bar of ice cream. B. Hulskamp. 2,122,523; July 5.
Device for use in connecting wire ends. J. H. van Viersen. 2,123,070; July 5.
Diazoamino compounds and their manufacture. J. G. Kern. 2,122,424; July 5.
Diffuser. A. L. Faiver. 2,122,639; July 5.
Diffuser for fluid fuel burners. F. Hill. 2,122,688; July 5.
Dispenser: *See*—
Paper dispenser.
Dispenser. T. K. Podwyszynski. 2,122,695; July 5.
Display cabinet, Article. T. J. Pilliod and F. C. H. Müller. 2,123,023; July 5.
Display card holder. D. Garfinkle. 2,122,910; July 5.
Display case. T. J. Pilliod and F. C. H. Müller. 2,123,022; July 5.
Display rack. C. R. Black. 2,122,833; July 5.
Display stand. F. A. Sunderhauf. 2,122,500; July 5.
Distillation. R. B. Smith. 2,122,762; July 5.
Door. A. H. Haberstump. 2,123,106; July 5.
Doorbell. C. A. Robertson. 2,122,953; July 5.
Draft regulator. H. C. Frentzel, Jr. 2,122,641; July 5.
Draft stabilizer. E. A. Field and E. A. Field, Jr. 2,122,640; July 5.
Drier: *See*—
Slurry drier.
Drill cutter. F. L. Scott. 2,122,759; July 5.
Drill press table operating means. H. E. Tautz. 2,122,966; July 5.
Drill or hammer, Electrical. J. F. McLeer. 2,122,888; July 5.

Drill steel retainer. J. C. Curtis and A. Feucht. 2,122,516; July 5.
Drill stem coupling. F. L. Scott. 2,122,757; July 5.
Drilling apparatus. J. C. Curtis. 2,122,515; July 5.
Driving mechanism for printing apparatus and the like. W. B. Payne. 2,122,536; July 5.
Drying apparatus. E. J. Sweetland. 2,122,964; July 5.
Dust collecting apparatus. H. H. Bubar. 2,122,511; July 5.
Dust eliminator. J. C. Curtis. 2,122,517; July 5.
Dustpan. L. E. Padelford and A. F. Wilson. 2,122,948; July 5.
Dust preventative and laying dust. B. F. Hunter. 2,122,524; July 5.
Duster, Wool. W. W. Windle. 2,122,545; July 5.
Dyestuffs of the anthraquinone series, Vat. F. Baumann. 2,122,601; July 5.
Dyestuffs of the anthraquinone series capable of being chromed, Acid. G. Kränzlein, E. Diefenbach, E. Fischer, E. Honold, F. Eggert, and H. Krauss. 2,122,798; July 5.
Earth electrode meter. S. W. Borden. 2,122,549; July 5.
Electric cable connecter. C. G. Bondeson. 2,122,792; July 5.
Electric switch. C. A. Schaefer. 2,122,700; July 5.
Electrical apparatus. M. J. E. Golay. 2,122,464; July 5.
Electrical connecter. M. O. Fischel. 2,123,103; July 5.
Electrical connecter. B. Lazich. 2,122,819; July 5.
Electrode Fitting. S. W. Borden. 2,122,547; July 5.
Electrode for electric discharge devices. E. R. Piore and L. Malter. 2,123,024; July 5.
Electrolytic apparatus. W. H. Bitner. 2,122,876; July 5.
Electrolytic condenser. N. Schnoll. 2,122,756; July 5.
Electron discharge apparatus. J. K. Keyston, F. H. Nicoll, and O. Klemperer. 2,123,011; July 5.
Electron discharge tube. K. Matthies. 2,122,776; July 5.
Electronic tube. K. Schlesinger. 2,123,159; July 5.
Elevator, Well rig. J. B. Conner. 2,122,513; July 5.
Engine: *See*—
Internal combustion engine.
Engines, Attachment for internal combustion. M. Dach. 2,122,977; July 5.
Equalizer for automobile mechanical brakes, Hydraulic. W. Feigley. 2,123,102; July 5.
Esters of para-hydroxyphenyliminodi acetic acid. H. T. Clarke and F. R. Bean. 2,122,409; July 5.
Ether and esters, Hydrogenation of unsaturated. H. P. A. Groll and J. Burgin. 2,122,812; July 5.
Ethynylhydroxycarboxylic acids, lactones thereof and preparing them. O. R. Kreimeier. 2,122,719; July 5.
Fabric: *See*—
Knitted fabric.
Fabric for a plate and frame filter press for re-fining used oils, Filter. W. D. Harris. 2,123,042; July 5.
Face protector. J. E. Garing. 2,122,520; July 5.
Fan, Rubber bladed. E. S. Preston. 2,123,146; July 5.
Fan structure. E. S. Preston. 2,122,919; July 5.
Fastener: *See*—
Tag fastener. Thread forming fastener.
Fastening device. S. Segal. 2,122,441–2; July 5.
Fastening for tenon-joints. C. W. Sadenwater. 2,123,081; July 5.
Feeder: *See*—
Multiple stream feeder.
Feeder for perching fowl. W. G. Dost. 2,122,880; July 5.
Felt, Roofing. L. Kirschbraun. 2,122,747; July 5.
Fender skirt, Ornamental. A. P. Fergueson. 2,122,563–4; July 5.
Fertilizers, Apparatus for mixing and distributing. R. C. Zuckerman. 2,123,033; July 5.
Film, Apparatus for copying color. C. F. Jones. 2,122,689; July 5.
Film cradle and drying rack, Combined. L. S. Pinkham. 2,122,723; July 5.
Film developing apparatus. I. T. Parker. 2,122,916; July 5.
Film feeding mechanism. P. Lira. 2,122,946; July 5.
Films and making the same, Coated. F. M. Meigs. 2,122,433; July 5.
Films or the like, Device for holding. H. Karl. 2,122,474; July 5.
Filter: *See*—
Light filter.
Filter. R. F. Norris. 2,122,582; July 5.
Filter treatment. A. S. Behrman. 2,123,092; July 5.
Fire extinguishing and preventing foam, base therefor, and producing the same. O. E. Hood. 2,122,883; July 5.
Fireplace, Rotary. D. T. Borgstrom. 2,122,635; July 5.
Fishing reel. E. J. McMahon. 2,123,141; July 5.
Fishing tool, Releasable. J. F. Bozeman. 2,123,036; July 5.
Fitting, Waste and overflow. G. B. Nystrom. 2,122,620; July 5.
Fixture, Combination. E. C. Ballman. 2,123,071; July 5.
Flasher, Automatic electric. R. K. Freeman. 2,122,416; July 5.
Flashing. J. Blacher. 2,122,926; July 5.
Flashing mechanism for neon lamps, Combined continuous and intermittent. O. M. Shattuck and M. E. Fulk. 2,122,847; July 5.
Float valve. A. J. Lippold. 2,122,866; July 5.
Fluid valve. L. de Florez. 2,122,560; July 5.
Flush tank. S. L. Egenas. 2,122,909; July 5.
Food materials, Treating. W. W. Cowgill. 2,123,134; July 5.
Food remnants, Method and apparatus for treating. J. E. Rowland. 2,123,080; July 5.
Frame for spectacles. L. T. Garrison. 2,123,104; July 5.
Frequency changing system. E. H. Armstrong. 2,122,401; July 5.
Fuel control means. H. C. Shagaloff. 2,122,625; July 5.
Fuel feeding system. P. A. Ketchpel and E. B. Sadtler. 2,122,425; July 5.
Fur drying rack. L. J. Colin. 2,122,770; July 5.
Furnace structure for making abrasive articles, Electric. R. R. Ridgway. 2,123,158; July 5.
Game. P. A. Yon. 2,122,505; July 5.
Game apparatus. D. J. Burlo. 2,123,095; July 5.
Gang of wire staples, Adhered. A. L. Hansen. 2,122,814; July 5.
Garbage can. H. F. Urech. 2,123,126; July 5.
Garment hanger. L. M. Marshall. 2,122,617; July 5.
Garment, Infant's. A. Fridolph. 2,122,417; July 5.
Garment, with detachable sleeve, Body. S. M. Shuster. 2,122,873; July 5.
Gas-density meter. H. Dallmann. 2,123,038; July 5.
Gas meter, Pressure compensating. A. D. MacLean and F. Niesemann. 2,122,529; July 5.
Gas saver for internal combustion engines. R. J. Foster. 2,122,414; July 5.
Gaseous discharge tube. O. S. Duffendack and R. A. Wolfe. 2,122,932; July 5.
Gases, Apparatus for dispensing compressed. C. C. Straw. 2,122,897; July 5.
Gases, Polymerization of. M. T. Carpenter, R. F. Ruthruff, and J. K. Roberts. 2,122,878; July 5.
Gases, Treatment of. H. A. Beekhuis, Jr. 2,123,072; July 5.
Gasket stripping. W. L. Harlow. 2,122,608; July 5.
Gasoline antioxidant. H. T. Clarke and F. R. Bean. 2,122,408; July 5.
Gauge: *See*—
Precision gauge.
Gauge for book stamping and printing machines. J. J. Donato. 2,123,098; July 5.
Gauge for pipe cores. F. T. Hafen. 2,122,840; July 5.
Gear: *See*—
Automobile steering gear. Switch gear.
Reversing gear.
Gear for aeroplanes, Retractable landing. R. L. Lévy. 2,123,113; July 5.
Gears, Finishing. O. G. Simmons. 2,123,026; July 5.
Glass, Apparatus for making. H. F. Hitner. 2,122,469; July 5.
Glass sheets, Apparatus for surfacing. H. S. Helchert and W. Owen. 2,122,466; July 5.
Glazing unit, Double. R. L. Clause. 2,122,453; July 5.
Goggles. C. Fischer. 2,122,461; July 5.
Grille blade, Ornamented. H. Eyring. 2,123,003; July 5.
Ground testing meter. S. W. Borden. 2,122,548; July 5.
Guard fixture, Highway. F. W. Kennedy. 2,123,051; July 5.
Guard for mowers, Grass. L. R. Smith. 2,123,124; July 5.
Gun. L. B. Fraser. 2,122,415; July 5.
Gun, Spray. L. G. and P. C. Dapero. 2,122,559; July 5.
Gypsum, Refining. D. N. Griffin. 2,122,569; July 5.
Gyroplane. L. Breguet. 2,122,928; July 5.
Hair waving or curling device. S. B. Beliaeff. 2,122,509; July 5.
Hammer mill. W. H. Preston. 2,122,658; July 5.
Handrail for bathtubs. H. P. Smith. 2,122,626; July 5.
Hand trap. C. C. Loomis. 2,122,984; July 5.
Handle fastening means. O. J. Urbanek. 2,122,901; July 5.
Hanger: *See*—
Bowl hanger. Polish rod hanger.
Garment hanger.
Hard alloy. C. W. Balke, F. L. Hunter, and R. A. Haskell. 2,122,403; July 5.
Hardness testing in water softeners. E. Pick. 2,122,824; July 5.
Harvester-thresher unit. J. O. Sheets. 2,122,673; July 5.
Hat. H. Dolan. 2,122,561; July 5.
Hat bag. J. Callahan. 2,122,714; July 5.
Headgear, Welder's. B. Yettner. 2,122,923; July 5.
Headlighting assembly, Nonglare. J. C. Ford. 2,122,413; July 5.
Hearing aid. H. Lieber. 2,122,429; July 5.
Hearing aid apparatus. W. D. Penn. 2,123,119; July 5.
Heat sensitive device. B. D. Marshall and T. J. McCormick. 2,122,820; July 5.
Heat transfer unit. L. W. Child. 2,122,454; July 5.
Heater: *See*—
Solar heater.
Heating apparatus. L. Wilson. 2,122,504; July 5.
Heating apparatus for the oil in the crankcase and water in the cooling system of internal combustion engines. P. and N. Pollack. 2,122,585; July 5.
Heating device. E. C. Franzmann. 2,122,936; July 5.
Heating device, Electrical. J. G. Hughes. 2,122,522; July 5.
Heating pad, Electric. A. D. Keene. 2,122,650; July 5.
Heel for footwear. C. Antoline. 2,122,552; July 5.

Hermetically sealed container. H. E. Townsend. 2,122,968; July 5.
Hinge. J. T. Atwood and L. C. Smith. 2,122,831; July 5.
Hinge. J. Ludwig. 2,122,528; July 5.
Hoist. C. B. Collins. 2,122,908; July 5.
Holder: *See*—
Carbon holder.
Cigarette snuff-out holder.
Container holder.
Display card holder.
Insulin bottle holder.
Poultry holder.
Record sheet holder.
Work holder.
Hole driving machine. L. S. Gaty. 2,122,686; July 5.
Housing, Photocell. J. P. Hufler and C. P. Wood. 2,122,941; July 5.
Hydraulic actuator system. E. J. Svenson. 2,122,443; July 5.
Hydraulic transmission mechanism. E. R. Glenzinski. 2,122,938; July 5.
Hydrocarbons, Dehydrogenation of paraffin. H. Tropsch. 2,122,786; July 5.
Hydrocarbons, Production of valuable. K. Winkler. 2,122,903; July 5.
Hydrocarbons, Treatment of paraffin. H. Tropsch. 2,122,787; July 5.
Hydrocarbons, Treatment of paraffin. H. Tropsch. 2,122,790; July 5.
Hydrocarbons, Vaporizing heavy liquid. E. C. Welborn and H. J. Smith. 2,122,705; July 5.
Hydrogen sulphide, Production of. B. M. Carter. 2,123,000; July 5.
Ice cream cabinet. W. D. Jordan and P. D. Van Vliet. 2,122,744; July 5.
Ice cream making attachment for mechanical refrigerators. R. D. Lacoe. 2,122,817; July 5.
Illuminated sign. W. B. Piper. 2,122,657; July 5.
Incineration. W. Raisch. 2,122,491-2; July 5.
Indicating and calculating system. A. J. McMaster. 2,123,142; July 5.
Indicating apparatus. J. Robinson. 2,122,622; July 5.
Indicating device. C. F. Robbins. 2,122,539; July 5.
Indicator: *See*—
Destinator indicator.
Indicator. L. Brodton. 2,122,998; July 5.
Inseam trimming device. T. J. Cuthbert. 2,122,737; July 5.
Insect electrocuting device. W. A. Whipple. 2,123,127; July 5.
Insect trap. S. Pastor. 2,122,487; July 5.
Insole, Ventilating. G. E. Smith. 2,122,497; July 5.
Instrument carrier. C. M. Potter. 2,122,697; July 5.
Insulator and hanger for same. C. H. Shaw. 2,123,122; July 5.
Insulin bottle holder. J. A. O'Neill. 2,122,722; July 5.
Internal combustion engine. R. Abell. 2,122,806; July 5.
Internal combustion engine. R. L. Bourke. 2,122,677; July 5.
Internal combustion engine. W. H. Tinker and E. J. Mallon. 2,122,785; July 5.
Intra-uterine device. L. W. Meckstroth. 2,122,579; July 5.
Iron, Chair. T. W. Foote. 2,122,565; July 5.
Iron, Electric. C. Müller. 2,122,694; July 5.
Iron, Pressing. S. Dowinsky. 2,123,002; July 5.
Jar. J. T. Phipps. 2,122,751; July 5.
Jaw assembly for vises. M. Zugermayer. 2,123,131; July 5.
Jaw breaker. K. Meister. 2,123,017; July 5.
Jelly products, Method and apparatus for molding. A. Leo. 2,122,982; July 5.
Joint: *See*—
Wheel arm joint.
Joint and making same, Welded. G. T. Southgate. 2,122,994; July 5.
Key, Brake shoe. G. F. Jackson. 2,123,108; July 5.
Key container. G. P. Economakis. 2,122,934; July 5.
Key, Switching. R. E. Golemb. 2,122,643; July 5.
Knitted fabric. R. K. Mills. 2,123,116; July 5.
Labeling machine. O. G. Brautigam. 2,122,554; July 5.
Lacteal liquids, Apparatus for sterilizing. C. E. Rogers. 2,122,954; July 5.
Lamp bulbs, Making inside frosted electric. L. E. Calkins and O. S. Levi. 2,122,512; July 5.
Lamp for vehicles, Head. G. Trippe. 2,123,125; July 5.
Lasts, Apparatus for use in remodeling. C. E. Harriman and E. C. Robinson. 2,123,137; July 5.
Latch mechanism. A. L. Knapp. 2,122,612; July 5.
Leak mending device. M. W. Gerson. 2,123,105; July 5.
Leather or the like, Method of and machine for marking. H. E. Kleinschmidt. 2,122,945; July 5.
Light filter. C. Wiegand, E. Merkel, and E. Tietze. 2,122,828; July 5.
Light-projection system particularly for vehicle lamps. A. Graves. 2,122,465; July 5.
Light sensitive tube. P. Görlich. 2,122,860; July 5.
Lighter ignition unit, Cigar. J. Sinko. 2,122,962; July 5.
Lighting control system. W. L. McGrath. 2,122,887; July 5.
Lighting system including electrical discharge tubes. M. Pirani and M. Reger. 2,122,436; July 5.
Link. C. F. Lautz and R. F. Peo. 2,122,652; July 5.
Link, Frangible. I. W. Knight. 2,122,426; July 5.
Lip turning machine. C. A. Newhall. 2,122,486; July 5.
Liquid device, Comb and hair. J. W. Forte. 2,122,715; July 5.
Liquid mixer. W. L. Osborn and J. H. Williams. 2,123,118; July 5.
Liquid testing apparatus. C. W. Woods. 2,122,922; July 5.
Liquids with solid materials, Apparatus for mixing volatile. R. R. Allingham. 2,122,551; July 5.
Lithographic reproductions, Making. F. H. Bloom. 2,122,404; July 5.
Lock. S. A. Liss. 2,122,478; July 5.
Lock-top container. M. P. Kernahan. 2,122,746; July 5.
Locking mechanism for building structures. S. J. Hodos. 2,123,107; July 5.
Lubricant. W. D. Hodson. 2,122,940; July 5.
Lubricants, Testing of. A. J. McMaster and A. Christy. 2,122,578; July 5.
Lubrication. E. H. Kocher. 2,122,427; July 5.
Lug. J. Theis. 2,122,967; July 5.
Machine for delivering or dispensing lengths of sealing tape from a roll. O. Massey. 2,122,843; July 5.
Machine for grinding clutch facings and the like. H. B. Eldridge and C. E. Klein. 2,122,978; July 5.
Magnesium, Producing. C. E. Nelson and J. S. Peake. 2,122,435; July 5.
Magnetic detector. S. C. Hoare. 2,123,045; July 5.
Magnifying device. A. B. Ridnbock. 2,122,753; July 5.
Manganese dioxide, Manufacture of. A. F. Bellone. 2,122,735; July 5.
Mash, Fermentation. J. Müller. 2,123,078; July 5.
Massager, Vibratory. O. T. Buffalow. 2,122,556; July 5.
Material, Composite. F. Groff. 2,123,155; July 5.
Material for binding or securing boxes, bales, parcels, and other packages and manufacturing the same, Strapping. H. Brenneisen. 2,122,856; July 5.
Materials and of preparations therefor, Treatment of fibrous. W. Hentrich, H. Keppler, and H. Holsten. 2,122,981; July 5.
Materials, Fumigating. J. L. Biggs. 2,122,853; July 5.
Materials, Method of and apparatus for dissolving soluble solid. R. R. Uhrmacher. 2,122,900; July 5.
Materials, Production of magnetizable. H. Hiemenz. 2,123,138; July 5.
Materials, Treatment of cellulosic. G. Rivat. 2,123,152; July 5.
Matrix drying machine. F. G. Lougee. 2,122,800; July 5.
Mechanical device for opening milk cans. J. W. McFarland. 2,122,618; July 5.
Metal article, Duplex. J. A. Nock, Jr. 2,122,535; July 5.
Metal, Manufacture of calcium. J. D. Hanawalt. 2,122,419; July 5.
Metal, Manufacture of calcium. L. E. Ward. 2,122,446; July 5.
Metal, Pickling coiled. C. H. Manion. 2,122,913; July 5.
Metals from solutions, Recovery of precious. O. L. Kröhl. 2,122,527; July 5.
Meter: *See*—
Earth electrode meter.
Gas-density meter.
Gas meter.
Ground testing meter.
Parking meter.
Microphone boom. W. A. Mueller. 2,122,778; July 5.
Milking machine. J. L. Hulbert. 2,122,471; July 5.
Mill: *See*—
Ball and pebble mill.
Hammer mill.
Mirror. W. Irby. 2,123,049; July 5.
Mixer: *See*—
Liquid mixer.
Shower mixer.
Molds, Making metal foundry sand. V. Stobie. 2,122,825; July 5.
Mop. D. H. Hasse. 2,122,743; July 5.
Mops and the like, Manufacturing. P. M. Rogers. 2,122,623; July 5.
Motor; *See*—
Reversible motor.
Motor vehicle. H. Ford. 2,123,005; July 5.
Motors, Starting electric. A. H. Lauder and D. R. Shoults. 2,123,055; July 5.
Mounting: *See*—
Cutter mounting.
Mowing apparatus. L. J. Lubins. 2,122,692; July 5.
Mowing attachment for motor vehicles. M. Rowlison. 2,122,755; July 5.
Multiple stream feeder. R. J. S. Carter. 2,122,679; July 5.
Musical instrument. A. P. Freeman. 2,122,396; July 5.
Musical instrument, Automatic. J. Bacigalupi and L. Bacigalupi, Sr. 2,122,905; July 5.
Necktie. A. J. Fiumedoro. 2,122,811; July 5.
Noise reducing means for cabin aircraft. S. J. Zand. 2,122,447; July 5.
Nozzle for extruding stiff plastic material. C. F. Weinrelch. 2,122,703; July 5.
Oil burner. W. C. Mason. 2,122,986; July 5.
Oil conversion, Hydrocarbon. J. C. Morrell. 2,122,777; July 5.
Oil, Device for dispensing lubricating. W. Nickels and C. J. Aulbach. 2,122,534; July 5.
Oil, Device for dispensing lubricating. M. M. Sedwick and F. J. O'Brien. 2,122,540; July 5.
Oil, Vapor phase cracking of. E. W. Gard. 2,122,881; July 5.
Oil vaporizing apparatus. C. A. French. 2,122,685; July 5.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,122,784; July 5.

Oils, Stabilizing. L. G. Story. 2,123,083; July 5.
Oils, Stabilizing sulphur containing petroleum. B. Hopper. 2,122,795; July 5.
Oils, Vaporizing relatively heavy. C. A. French. 2,122,684; July 5.
Ordnance, Loading of. D. G. Williams. 2,122,996; July 5.
Ores, Concentrating. A. W. Ralston and W. O. Pool. 2,122,659; July 5.
Oscillator, Magnetron. H. J. Scott. 2,122,495; July 5.
Oven, Baker's. J. M. Gantvoort. 2,122,397; July 5.
Package. E. J. Ruff. 2,122,588; July 5.
Packages, Apparatus for making sealed. S. Bergstein. 2,122,510; July 5.
Packer for oil wells. O. L. Morrisett. 2,122,749; July 5.
Packer for use in wells. D. Hanes. 2,122,742; July 5.
Packer for wells. P. M. Rohrbaugh. 2,122,754; July 5.
Pad: *See*—
Heating pad.
Pad and plaster, Corn. W. L. Schrader. 2,123,121; July 5.
Padding for gentlemen's and ladies' clothes. O. Wallner. 2,122,502; July 5.
Panel construction, Fabricated brick wall. E. V. Poston. 2,122,696; July 5.
Panel siding, Interlocking. L. H. Mattes and R. S. Maclean. 2,122,577; July 5.
Paper dispenser. B. E. Colburn. 2,122,637; July 5.
Paraffins, Dehydrogenation of gaseous. H. Tropsch. 2,122,788-9; July 5.
Parasiticides. P. L. Salzberg. 2,122,781; July 5.
Parking meter. E. R. Beverley. 2,122,973; July 5.
Pedal slot closure. E. J. Farkas. 2,123,004; July 5.
Pen, pencil, or the like in a pocket, Detachably securing a. A. H. Croxon. 2,122,455; July 5.
Pen, Self-filling fountain. W. F. Johnson. 2,122,110; July 5.
Pessary. W. M. Findley. 2,123,148; July 5.
Petroleum emulsions, Separating. I. M. Colbeth. 2,122,976; July 5.
Phenolic condensation products, Preparing. J. B. Niederl. 2,122,581; July 5.
Photographic developers. G. Wilmanns and W. Schneider. 2,122,599; July 5.
Picture viewer, Motion. W. C. Tichenor. 2,122,804; July 5.
Piling connecter. P. O. Deros. 2,122,835; July 5.
Pipe coupling device. J. H. Lamont. 2,122,616; July 5.
Pipe stem, Nicotine supporting cool smoke. J. Machemer. 2,123,014; July 5.
Pipe wrench, Yieldable. F. L. Scott and R. P. Sherman. 2,122,760; July 5.
Piston expander. D. M. Smith. 2,122,729; July 5.
Placer mining machine. J. F. Noel. 2,122,822; July 5.
Plants, Cultivating. M. Langa. 2,123,075; July 5.
Plate cooler. H. P. Cohen. 2,122,879; July 5.
Plates for color printing, Making. E. R. Eaton. 2,122,859; July 5.
Plug: *See*—
Spark plug.
Plug valve. S. J. Nordstrom. 2,122,914; July 5.
Pneumatic tool. E. W. Ball. 2,122,507; July 5.
Polish rod hanger. R. C. Johnston. 2,122,944; July 5.
Polymerization. B. M. Marks. 2,122,886; July 5.
Porch construction, Folding. C. E. Bollstrom. 2,122,791; July 5.
Post clamp chain. J. C. Bishop. 2,122,854; July 5.
Poultry holder. C. Summers. 2,122,731; July 5.
Power plant, Internal combustion. J. E. Johansson. 2,123,009; July 5.
Power transmission. H. F. Patterson. 2,122,488; July 5.
Power transmission mechanism. F. A. Hayes. 2,123,008; July 5.
Power transmission mechanism, Variable speed. F. A. Hayes. 2,123,006; July 5.
Precision gauge. S. B. Terry. 2,122,664; July 5.
Precision measuring device. A. G. Ladrach. 2,122,818; July 5.
Press: *See*—
Stamping press.
Pressing machine. S. Booth. 2,122,927; July 5.
Pressure compensator. W. C. Wagner. 2,122,597; July 5.
Pressure means for frictional power transmission mechanisms, Tractive. F. A. Hayes. 2,123,007; July 5.
Print lifter and method. F. J. Sirchie. 2,122,589; July 5.
Printing and other textile treatments. G. Rivat. 2,123,153; July 5.
Printing apparatus. H. L. Latz. 2,123,013; July 5.
Product and preparing same. E. K. Gladding and D. B. Maney. 2,122,418; July 5.
Products made from cellulose derivatives, Manufacture of. E. Berl. 2,122,448; July 5.
Propeller shaping machine. J. R. and G. H. Albers. 2,122,631; July 5.
Propeller surfacing machine. J. C. Shaw. 2,122,662; July 5.
Propellers, Oppositely rotating coaxial. E. Martin. 2,123,057; July 5.
Protector: *See*—
Anchored heel protector.
Book cover protector.
Face protector.
Protector. H. C. Sternberg. 2,122,627; July 5.
Protector for pistons and the like. S. M. Greenidge. 2,122,717; July 5.
Pulp screening machine. N. M. Knight. 2,122,475; July 5.
Pump: *See*—
Rodless pump.
Pump. E. C. Overall. 2,122,823; July 5.
Pumping apparatus, Method and apparatus for counterbalancing oil well. W. E. Saxe. 2,122,871; July 5.
Punch, Container. A. C. Acker. 2,122,830; July 5.
Rack: *See*—
Display rack.
Fur drying rack.
Film cradle and drying rack.
Radio receiving set, Automatic remote control. S. J. Levy. 2,122,912; July 5.
Radio receiving structure. A. E. Tauscher. 2,123,027; July 5.
Radio shielding of engine ignition. R. H. Stone. 2,123,162; July 5.
Reamer. J. H. Howard and A. C. Catland. 2,122,863; July 5.
Record sheet holder. F. L. Prescott. 2,122,437; July 5.
Reel: *See*—
Fishing reel.
Reflector adapted for dual mounting, Light. W. V. Bergen and A. C. Shute. 2,122,395; July 5.
Refractory body and making same. K. Schwartzwalder. 2,122,960; July 5.
Refrigerant compression unit. G. C. Fricke. 2,122,462; July 5.
Refrigerating apparatus. C. C. Thomas. 2,122,501; July 5.
Refrigerating machine. D. F. Newman. 2,123,059; July 5.
Refrigerating system capacity control. N. M. Small and L. Buehler, Jr. 2,123,123; July 5.
Refrigerating systems, Automatic defrosting of. C. W. Bell. 2,123,073; July 5.
Refrigeration means. W. P. Dart. 2,122,380; July 5.
Refrigeration system. H. A. Phillips. 2,123,021; July 5.
Refrigerator, Household. C. W. Baker. 2,122,675; July 5.
Refrigerator, Water ice. C. E. Quinn. 2,122,752; July 5.
Regulating valve, Gas. C. B. McElwaine. 2,122,987; July 5.
Regulator: *See*—
Draft regulator.
Release mechanism for blasting cartridges, Indestructible. F. H. Armstrong. 2,122,706; July 5.
Resins, Nitrogen-containing. J. H. Balthis, Jr. 2,122,707; July 5.
Resistance element and making same, Electric. R. G. Bridges. 2,122,604; July 5.
Reversible motor, Voltage sensitive. O. P. McCarty. 2,123,140; July 5.
Reversing gear. O. Solterbeck and J. Kreisinger. 2,122,541; July 5.
Ribbon feed mechanism. H. N. Deane and J. A. Dell. 2,122,518; July 5.
Rifle, Bolt action. V. J. King. 2,123,111; July 5.
Rim, Demountable. E. Ramirez. 2,123,025; July 5.
Rim, Tractor wheel. M. A. Lare. 2,122,720; July 5.
Rock bit. A. C. Catland. 2,122,808; July 5.
Rod fitting, Ground. S. W. Borden. 2,122,546; July 5.
Rod mechanism for radial engines or pumps, Masterless connecting. B. Kahn. 2,122,745; July 5.
Rodless pump. W. N. Huff. 2,123,139; July 5.
Roof for vehicles, Sliding. W. H. Bishop. 2,122,712; July 5.
Roofing, Colored. C. E. Hillers. 2,122,862; July 5.
Room forming structure, Dressing. J. L. G. Dykes. 2,122,681; July 5.
Round-feeding mechanism. B. P. Joyce. 2,122,423; July 5.
Rubber, Expanded. D. Roberts, T. A. Scott, and F. W. Peel. 2,122,438; July 5.
Rubber process and product. T. L. Shepherd. 2,122,727-8; July 5.
Rug making device. B. Mayer. 2,123,077; July 5.
Sampling device. J. R. Polston. 2,122,991; July 5.
Sanitary device. S. Jakala. 2,123,109; July 5.
Sash balance, Window. A. Larson. 2,122,576; July 5.
Saw attachment for portable electric drills. A. F. Kirby. 2,122,611; July 5.
Scale duplicator. L. M. Samuels. 2,122,440; July 5.
Scavenging implement. C. G. Williams. 2,122,767; July 5.
Screen and producing it, Projection. D. F. Newman. 2,122,890; July 5.
Seal, Fluid. A. D. Owen. 2,123,079; July 5.
Seal for discharge lamps. J. W. Marden. 2,123,015; July 5.
Seal, Greenhouse glass. M. Morris. 2,122,869; July 5.
Seal, Making an oil. S. C. Leonard, Jr. 2,122,477; July 5.
Seals, Method of and apparatus for applying metallic. M. Canter. 2,122,557; July 5.
Sealing means for high frequency concentric cables. F. Paasche. 2,123,061; July 5.
Seat: *See*—
Adjustable vehicle seat.
Seat attachment to release sanitary tissue cover, Toilet. E. Kreutzig. 2,123,012; July 5.

Self-angling apparatus for the catch of fish. E. L. Gegerfeldt. 2,122,836; July 5.
Separator: *See*—
Steam separator.
Shade and curtain support, Combination. R. C. Crates. 2,123,097; July 5.
Shade, Lamp. J. M. Angeletti. 2,122,971; July 5.
Shade roller check. J. M. Wilson. 2,122,670; July 5.
Shade, Window. M. P. Youker. 2,123,128; July 5.
Shaker for vacuum cleaner filters. W. Leathers. 2,122,799; July 5.
Sheet handling arrangement. P. H. Long and R. W. Allsworth. 2,122,430; July 5.
Sheet metal structure. F. C. Watson. 2,122,629; July 5.
Shingles, Apparatus for coating and slating roofing. W. G Dudleston. 2,122,739; July 5.
Shipping container. O. O. Nickerson. 2,122,654; July 5.
Shock absorber, Hydraulic. A. B. Casper. 2,122,406; July 5.
Shock absorber, Hydraulic. H. L. Chisholm, Jr. 2,122,407; July 5.
Shoe bottom unit and making the same. J. M. Whelton. 2,122,503; July 5.
Shoe construction. C. L. Daly. 2,123,135; July 5.
Shower mixer. H. J. Young. 2,122,600; July 5.
Sign: *See*—
Illuminated sign.
Signal: *See*—
Aerial signal. Vehicle signal.
Signal. R. C. Anderson. 2,123,090; July 5.
Signaling device. J. Bell. 2,122,508; July 5.
Signaling system, Wave. M. L. Levy. 2,122,653; July 5.
Silk, Manufacture of artificial. T. Dokkum. 2,122,519; July 5.
Siren oscillator circuit, Signal controlled. W. V. Roberts. 2,122,672; July 5.
Slack adjuster for brakes. E. Christianson. 2,122,975; July 5.
Slicing and dispensing device. D. C. Lopez. 2,122,947; July 5.
Slurry drier. A. G. Carlson. 2,122,857; July 5.
Smoker and steam vapor cooker for hams and other meats and meat products. B. B. Hanak. 2,123,040; July 5.
Soap dispensing device. F. J. Cantrell. 2,122,636; July 5.
Socket, Rotary automatic latch trip. J. S. Beck. 2,122,602; July 5.
Socket, Snap-in. R. W. Stearns. 2,122,848; July 5.
Solar heater. O. H. Mohr. 2,122,821; July 5.
Solids contained in sewage, Apparatus for disintegrating large. E. W. Swenson. 2,122,965; July 5.
Sound reproducing system, Coin controlled. S. F. Adrian. 2,122,550; July 5.
Spark plug. A. C. Hastings, Jr. 2,122,571; July 5.
Spectacle case. A. F. Reilly. 2,122,724; July 5.
Spinner. K. R. Larson and M. Ireland. 2,123,150; July 5.
Spout for receptacles, Measuring. W. H. Baum. 2,122,906; July 5.
Spraying device. W. M. Vogel. 2,123,029; July 5.
Spring assembly for seatings and the like. S. W. Millward. 2,122,531; July 5.
Spring assembly for upholstery. W. W. Gleason. 2,122,979; July 5.
Spring device for drilling machines. A. Hossfeld. 2,123,048; July 5.
Sprinkler. C. E. Turner. 2,122,596; July 5.
Sprocket, Flim. L. A. Elmer. 2,122,458; July 5.
Square. K. Uyeda and I. Wooga. 2,122,732; July 5.
Stain, Wood. E. J. Schuessele. 2,122,895; July 5.
Stamping press. A. M. Wickwire, Jr. 2,122,669; July 5.
Stand: *See*—
Display stand. X-ray tube stand.
Stapling machine. A. L. Hansen. 2,122,815; July 5.
Starch tabling process. F. L. Jefferies. 2,122,647; July 5.
Starters for motor-driven vehicles, Engine. J. F. Kissane. 2,122,816; July 5.
Steam separator. A. Williams. 2,122,630; July 5.
Stencil sheet. S. Horli. 2,122,774; July 5.
Step attachment, Closet bowl. G. B. Bentz. 2,122,832; July 5.
Stereoscopic viewer. M. Kahn. 2,122,649; July 5.
Sterilization, Electric. L. B. Haddad. 2,122,741; July 5.
Stick, Dental. A. N. Russell. 2,122,920; July 5.
Stirrup for concrete construction work, Continuous. C. A. Lord. 2,122,985; July 5.
Stock process and apparatus for making paper, Thin. C. H. Allen. 2,122,394; July 5.
Stoker and ash remover, Underfeed. T. H. Banfield. 2,122,708; July 5.
Stoker, Underfeed. E. B. Birkenbeuel. 2,122,711; July 5.
Stoking installation. J. N. van Rijswijk. 2,122,733; July 5.
Stop valve. H. J. Waddell. 2,122,667; July 5.
Stranded member formed of wire or metal strip, particularly applicable to electric conductors. P. V. Hunter, and H. Hill. 2,122,911; July 5.
Strap, Lug. W. I. Bullard. 2,123,132; July 5.
Strip uncoiler cradle. A. J. Wardle. 2,122,674; July 5.
Striper, Paint. L. W. Coombs. 2,122,858; July 5.
Stroboscopic device for checking and adjusting meters. G. E. Maillat. 2,123,115; July 5.
Substance, Fusing hydrated. L. G. Black. 2,122,634; July 5.
Substances, Apparatus for compressing finely divided. A. D. Whipple. 2,122,874; July 5.
Sulphones and tanning agents, Aromatic. J. Schäfer. 2,122,958; July 5.
Sulphur dioxide, Recovery of. Conway, Baron von Girsewald, H. Weidmann, and G. Roesner. 2,122,544; July 5.
Sulphur halides, Manufacture of alkyl. W. A. Schulze. 2,123,082; July 5.
Support: *See*—
Cleaner support.
Support. L. J. Burke. 2,122,999; July 5.
Supporter, Garment. L. Sametz. 2,122,494; July 5.
Surface, Metallic inlaid friction. C. Bockius, C. S. Batchelor, and J. A. Cook. 2,122,405; July 5.
Surfaces, Method of and apparatus for finishing helical. C. H. Schurr. 2,122,803; July 5.
Suspension, Individual. J. W. Leighton. 2,122,476; July 5.
Swing suspending clamp. G. B. Bentz. 2,122,603; July 5.
Switch: *See*—
Centrifugal switch. Electric switch.
Switch arrangement, Earth. A. W. Whistlecroft. 2,122,902; July 5.
Switch gear, Electric. C. Thumim and H. E. Strang. 2,123,069; July 5.
Switching device. A. C. Stocker. 2,122,499; July 5.
Syringe, Vaginal. C. F. Wiegand. 2,122,995; July 5.
Table: *See*—
Card table.
Tag fastener. S. Weiss. 2,122,598; July 5.
Tag remarker. C. A. Flood. 2,122,412; July 5.
Tamperproof can. G. M. Ambrosius. 2,122,904; July 5.
Tank: *See*—
Flush tank.
Tank construction. A. W. Ashley. 2,123,035; July 5.
Tank vehicle structure and the like. R. L. Kuss. 2,122,574; July 5.
Telephone system. W. Pinell. 2,122,490; July 5.
Television, Line. A. M. Nicolson. 2,122,750; July 5.
Television receiver. W. J. Poch. 2,122,990; July 5.
Television system and method. L. de Forest. 2,122,456; July 5.
Television transmitter. C. O. Browne. 2,122,974; July 5.
Television tube. K. Schlesinger. 2,123,161; July 5.
Temperature control device. L. L. Young. 2,122,768; July 5.
Tension device. W. F. Simonson. 2,122,896; July 5.
Textile fibers, Treatment of. H. A. Stafford. 2,122,593; July 5.
Textiles, Dyeing of. E. Schirm. 2,123,154; July 5.
Thermoplastic polymerization products, Production of. C. Wulff and E. Dorrer. 2,122,805; July 5.
Thermos carrier. J. L. Weiner. 2,123,031; July 5.
Thermosensitive instrument. R. E. Olson and K. L. Tate. 2,123,019; July 5.
Thread forming fastener. C. G. Olson. 2,122,915; July 5.
Threads, Manufacture of artificial. W. Maier. 2,122,801; July 5.
Threads of rubber or the like, Making or producing elastic. T. L. Shepherd. 2,122,726; July 5.
Tie rod end. R. W. Niles. 2,122,655; July 5.
Tie-up. F. H. Laurila. 2,122,841; July 5.
Time and program selector, Automatic. C. F. Peters. 2,122,779; July 5.
Timer. W. K. Kearsley. 2,123,052; July 5.
Tire. P. M. Bourdon. 2,122,736; July 5.
Toaster. H. L. Stiles. 2,123,067; July 5.
Tobacco treatment. A. T. Hawkinson. 2,122,421; July 5.
Tool: *See*—
Fishing tool. Pneumatic tool.
Torch, Road. H. J. Sauer. 2,122,624; July 5.
Toy. S. F. Morris and F. Kuramochi. 2,123,143; July 5.
Toy belt saddle. H. L. Dobbie. 2,122,606; July 5.
Toy machine gun. J. W. K. Heppner. 2,122,467; July 5.
Traffic control system and apparatus. E. H. Eames. 2,122,410–11; July 5.
Transmission. E. S. Segard. 2,122,701; July 5.
Transmission for piston and crank-shaft assemblies. R. L. Bourke. 2,122,676; July 5.
Trap: *See*—
Hand trap. Insect trap.
Tray, Freezing. H. D. Geyer. 2,122,937; July 5.
Trees, Treating. J. W. Winford. 2,122,734; July 5.
Trough, Cattle feed. J. Smrekar, Sr. 2,122,591; July 5.
Trousers. J. Oviatt. 2,123,060; July 5.
Truck or the like, Lift. G. H. Pride. 2,122,992; July 5.
Truck, Railway. O. K. Kjolseth. 2,123,053; July 5.
Try-square. E. J. Witchger. 2,122,875; July 5.
Tube: *See*—
Braun tube. Gaseous discharge tube.
Electron discharge tube. Light sensitive tube.
Electronic tube. Television tube.
Tube deformer. A. J. Scholtes. 2,122,725; July 5.
Tube for television purposes, Braun. K. Schlesinger. 2,123,160; July 5.
Tubing head. H. P. Wickersham and E. Burns. 2,122,827; July 5.
Tubular product, Making a. A. S. Lynch. 2,122,481; July 5.
Tufting machine. G. Looper. 2,123,114; July 5.

Tuning indicator circuit. W. F. Ewald. 2,122,562; July 5.
Tuning indicator circuit. D. E. Foster. 2,122,567; July 5.
Tuning indicator system. K. A. Chittick. 2,123,001; July 5.
Turbine arrangement, Extraction. A. Rosch. 2,123,064; July 5.
Turbo machine. M. Reiffenstein. 2,123,120; July 5.
Tuyère, Ventilated. W. A. Riddell. 2,122,951; July 5.
Typewriter stop mechanism. J. F. Koca. 2,122,614; July 5.
Universal coupling. F. M. Guy. 2,122,837–8; July 5.
Unsaturated compounds, Treatment of. A. J. van Peski. 2,122,826; July 5.
Valve: *See*—
Cone valve. Plug valve.
Cooled valve. Regulating valve.
Float valve. Stop valve.
Fluid valve.
Valve. H. A. Phillips. 2,123,020; July 5.
Valve bodies, Making. A. E. Santamaria. 2,122,957; July 5.
Valve for carburetors. G. Hammond. 2,122,773; July 5.
Valve stem. A. E. Eckenroth. 2,122,740; July 5.
Valve with automatic temperature compensation, Expansion. J. E. Dube. 2,122,931; July 5.
Vanity case. F. N. Lewis. 2,122,983; July 5.
Vaporizer control, Oil. C. B. Faverty. 2,122,683; July 5.
Vaporizer, Suction. E. C. Welborn and P. C. L. van Bueren. 2,122,704; July 5.
Vault, Insulated burial. M. A. Wagner. 2,122,702; July 5.
Vehicle: *See*—
Motor vehicle.
Vehicle signal. J. R. Oishei. 2,122,891; July 5.
Vehicle wheel. W. H. Farr. 2,123,101; July 5.
Vehicle wheel. O. U. Zerk. 2,123,130; July 5.
Vehicles, Preventing an undesired backward movement of motor. G. W. Read and F. J. Eisler. 2,122,660; July 5.
Vending machine. R. R. Westfall. 2,122,668; July 5.
Ventilator, Ridge. J. H. McDerment. 2,122,530; July 5.
Viscosimeter. G. F. Hoffmann. 2,122,470; July 5.
Voting machine indications, Photographically recording. W. H. Petit and E. S. Hineline. 2,123,151; July 5.
Water closet, Siphon breaking. R. A. Brooks. 2,122,834; July 5.
Water vapor, Apparatus for evolving. F. E. P. Klages. 2,122,573; July 5.
Wave amplifier. R. K. Potter. 2,122,538; July 5.
Waving, Permanent. E. F. Suter and G. B. Finnegan, Jr. 2,122,783; July 5.
Web, Forming a. E. Hurst and M. Crane. 2,122,473; July 5.
Web material and making the same. E. Hurst and M. Crane. 2,122,472; July 5.
Welding apparatus. M. L. Eckman. 2,122,933; July 5.
Welding apparatus, Resistance. L. R. Peters. 2,123,063; July 5.
Wells, Acid treatment of. C. E. Clason. 2,122,452; July 5.
Wells, Acidizing. P. L. Menaul. 2,122,483; July 5.
Wheel: *See*—
Artillery wheel. Collapsible wheel.
Buffing wheel. Vehicle wheel.
Wheel. O. U. Zerk. 2,123,129; July 5.
Wheel arm joint. J. W. Leighton. 2,123,086; July 5.
Wheel arm joint. J. W. Leighton. 2,123,088; July 5.
Wheel suspension for automobiles. O. Siebler. 2,122,961; July 5.
Wheel suspension, Individual. J. W. Leighton. 2,123,087; July 5.
Winch. J. A. Largaud. 2,122,575; July 5.
Winding, coning, and the like. M. Siegel. 2,122,993; July 5.
Window construction. R. S. Blair. 2,122,553; July 5.
Window construction. C. M. Verhagen. 2,122,666; July 5.
Window construction and regulator for same. A. W. Susor. 2,122,963; July 5.
Window display device. L. G. Simjian. 2,122,496; July 5.
Window, Insulating. P. F. Bowman. 2,123,093; July 5.
Window regulator and door latch operator, Combined. H. W. Rightmyer. 2,122,661; July 5.
Window sash mechanism, Automobile. D. L. Chandler. 2,122,605; July 5.
Window screening device, Automatically operating. F. Kushner. 2,122,690; July 5.
Windshield. W. H. Foster. 2,122,566; July 5.
Windshield cleaner. E. C. Horton. 2,122,797; July 5.
Wire, Enameling. C. S. Fuller. 2,122,463; July 5.
Work holder. G. E. Swartz. 2,122,898; July 5.
Work remover. S. N. Johnson. 2,122,648; July 5.
Wort by yeast, Fermentation of. B. V. Hansen. 2,122,939; July 5.
Wrench: *See*—
Pipe wrench.
Writing instrument, Calendar. L. Lowy. 2,122,431; July 5.
X-ray system. M. Morrison and A. Simon. 2,123,018; July 5.
X-ray tube stand, Shockproof. A. C. Nelson. 2,122,988; July 5.
Yarn. I. Arbid. 2,122,972; July 5.
Yarn changer for knitting machines. G. W. and M. W. Raulston. 2,122,845; July 5.
Yarn clearer. B. A. Peterson. 2,122,989; July 5.
Zinc sulphate dihydrate, Recovering. F. C. Abbott and H. W. Doennecke. 2,122,997; July 5.

CLASSIFICATION OF PATENTS

ISSUED JULY 5, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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56: 2,122,814
2— 8: 2,122,923
14: 2,122,461
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228: 2,122,603
256: 2,123,097
363: 2,122,474
250— 20: 2,122,562
2,122,567
2,122,613
2,122,672
2,122,779
2,122,912
2,123,001
27: 2,123,161
27.5: 2,122,555
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2,123,024
2,123,159
2,123,160
33: 2,122,893
2,122,902
34: 2,122,988
2,123,018
36: 2,122,401
41.5: 2,122,941
251— 34: 2,122,773
93: 2,122,560
2,122,721
2,122,914
103: 2,122,667
253— 148: 2,123,120
254— 185: 2,122,575
255— 1: 2,122,686
27: 2,122,751
47: Re.20,783
50: 2,122,507
2,122,517
51: 2,122,515
71: 2,122,758
2,122,759
2,122,808
72: 2,122,771
73: 2,122,763
2,122,863
74: 2,122,584
257— 137: 2,122,454
257— 198: 2,122,573
262: 2,122,504
259— 14: 2,122,551
35: 2,123,033
113: 2,122,817
124: 2,123,118
260— 2: 2,122,707
2,122,805
2,122,826
2,122,886
6: Re.20,777
34: 2,122,651
39: 2,122,601
2,122,798
60: 2,122,882
69: 2,122,424
99.10: 2,123,082
100: 2,122,519
101: 2,122,572
104: 2,122,409
106: 2,122,716
2,122,812
123: 2,122,719
125: 2,123,032
127: 2,122,644
154: 2,122,581
156.5: 2,122,813
158: 2,122,958
170: 2,122,786
2,122,787
2,122,788
2,122,789
2,122,790
265— 11: 2,122,470
2,122,765
44: 2,123,038
267— 1: 2,123,048
20: 2,122,476
268— 119: 2,122,570
120: 2,122,605
2,122,661
271— 2.3: 2,122,458
71: 2,122,430
273— 106: 2,122,505
121: 2,123,095
277— 1: 2,122,740
42: 2,122,987
279— 19.1: 2,122,516
280— 5: 2,122,574
8: 2,122,632
11.13: 2,122,718
95: 2,122,924
96.2: 2,122,961
280— 96.2: 2,123,086
2,123,087
124: 2,123,089
153: 2,122,563
2,122,564
281— 25: 2,123,149
34: 2,122,638
285— 6.5: 2,122,792
58: 2,122,439
71: 2,122,925
79: 2,122,616
146: 2,122,757
163: Re.20,782
172: 2,122,633
287— 58: 2,122,868
90: 2,122,655
100: 2,123,088
288— 1: 2,123,079
290— 4: 2,122,402
36: 2,123,133
292— 33: 2,122,612
37: 2,123,107
76: 2,122,553
294— 90: 2,122,513
102: 2,122,602
2,123,036
296— 23: 2,122,791
28: 2,122,444
2,122,445
44: 2,122,963
84: 2,122,566
137: 2,122,712
297— 3: 2,123,019
299— 34: 2,123,156
49: 2,122,596
83: 2,122,636
87: 2,122,639
88: 2,123,029
111: 2,122,559
301— 9: 2,122,810
2,123,099
2,123,100
2,123,129
2,123,130
16: 2,122,955
44: 2,122,720
64: 2,123,101
309— 12: 2,122,729
311— 82: 2,122,846
312— 61: 2,122,637
164: 2,122,969
186: 2,122,501

U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Acme Window Display Service Inc., New York, N. Y. Caps and rings to be used as part of display devices. Serial No. 404,554; July 12. Class 50.

Air Reduction Sales Company, New York, N. Y. Machines for cutting and welding metal by means of gases. Serial No. 406,701; July 12. Class 34.

Allen & Smith Company, Inc., Richmond, Va. Peanut candy and salted peanuts. Serial No. 406,572; July 12. Class 46.

Allentown Paint Manufacturing Company, Allentown, Pa. Paints, enamels, shellac, etc. Serial No. 404,282; July 12. Class 16.

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Toilet tissue, paper towels, paper napkins, etc. Serial No. 401,418; July 12. Class 37.

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Women's and girls' hats and visor caps; women's and misses' wear, shoes, etc. Serial No. 405,047; July 12. Class 39.

Anemostat Corporation of America, New York, N. Y. Fan-driven ventilators, air diffusers, and air aspirators. Serial No. 406,042; July 12. Class 34.

Anemostat Corporation of America, New York, N. Y. Fan-driven ventilators, air diffusers, and air aspirators. Serial No. 406,083; July 12. Class 34.

Apponaug Company, The, Apponaug, R. I. Piece goods. Serial No. 406,168; July 12. Class 42.

Armstrong Cork Products Company, Lancaster, Pa. Resin type adhesives. Serial No. 401,327; July 12. Class 5.

Atlas Canning Company, Inc., New York and Glendale, N. Y. Canned food for dogs, cats, etc. Serial No. 405,049; July 12. Class 46.

Auto-Lec Stores, Inc., New Orleans, La. Storage batteries and spark plugs. Serial No. 402,926; July 12. Class 21.

Averst, McKenna & Harrison (United States), Limited, Rouses Point, N. Y. Vitamin and mineral product. Serial No. 404,828; July 12. Class 6.

Awful Fresh MacFarlane, Berkeley, Calif. Salted nuts, candy, and chocolate coated nuts. Serial No. 403,108; July 12. Class 46.

Ballowitz, Dr., & Co. Chemisch-Pharmaz. Fabric G. m. b. H., Berlin-Pankow, Germany, assignor to Split-Tablets Corporation. Preparation for treatment of headache. Serial No. 401,366; July 12. Class 6.

Bastrop Orchard Co. (See Snyder, Sampson.)

Bates, Hamilton C., doing business as C. J. Bates & Son, Chester, Conn. Manicure and cosmetic brushes. Serial No. 406,439; July 12. Class 29.

Becker Pretzel Bakeries, Inc., Baltimore, Md. Pretzels, potato chips, and cheese flavored popcorn. Serial No. 406,268; July 12. Class 46.

Becker Pretzel Bakeries, Inc., Baltimore, Md. Cheese flavored popcorn. Serial No. 406,269; July 12. Class 46.

Billington, James H., Co., Philadelphia, Pa. Mule banding. Serial No. 401,551; July 12. Class 7.

Biltmore Paper Co., Inc., New York, N. Y. Paper napkins, waxed paper, paper towels, etc. Serial No. 406,323; July 12. Class 37.

Binney & Smith Co., New York, N. Y. Chemical compounds. Serial No. 405,841; July 12. Class 6.

Bi-Rite Hat Co. Inc., New York, N. Y. Ladies' hats. Serial No. 405,007; July 12. Class 39.

Black & Decker Manufacturing Company, The, Towson, Md. Electrical apparatus and machines and accessories. Serial No. 397,495; July 12. Class 21.

Bon Marche, The. (See Allied Stores Corporation.)

Borden Company, The, New York, N. Y. Butter. Serial Nos. 404,745–6; July 12. Class 46.

Borden Company, The, New York, N. Y. Pasteurized milk. Serial No. 406,545; July 12. Class 46.

Bradley Machinery Co., Rockford, Ill. Precision boring machines, planers, shapers, etc. Serial No. 402,708; July 12. Class 23.

Bressler, Max, doing business as General Products Company, Chicago, Ill. Cameras. Serial Nos. 406,114–15; July 12. Class 26.

Brewster Wallpaper Company, Quincy, Mass. Wallpaper book covers. Serial No. 405,587; July 12. Class 37.

Brown, George S., Jr., doing business as Coastal Chemical Company, Savannah, Ga. Liquid preparation for cleaning window glass. Serial No. 399,070; July 12. Class 4.

Buckeye Traction Ditcher Company, Findlay, Ohio. Vacuum control mechanism. Serial No. 404,598; July 12. Class 23.

Bulova Watch Company, Inc., New York, N. Y. Watches. Serial No. 406,327; July 12. Class 27.

Burger Brewing Company, The, Cincinnati, Ohio. Beer. Serial No. 406,012; July 12. Class 48.

B. V. D. Corporation, The, Baltimore, Md. Articles of wearing apparel. Serial No. 406,207; July 12. Class 39.

Caldwell-Clements, Inc., New York, N. Y. Publications. Serial No. 388,226; July 12. Class 38.

Callahan, Edgar J., Hialeah, Fla. Ointment. Serial No. 405,588; July 12. Class 6.

Campbell Soup Company, Camden, N. J. Canned soups, canned pork and beans, canned spaghetti, etc. Serial No. 399,555; July 12. Class 46.

Can-O-Lites Manufacturing Corp., Youngstown, Ohio. Portable pyrophoric lighters. Serial No. 392,023; July 12. Class 34.

Carnrick, G. W., Co., Newark, N. Y. Combination of ferrous sulphate and liver extract. Serial No. 406,014; July 12. Class 6.

Carter, Helen C., Los Angeles, Calif. Hair and scalp conditioner, face powder, clay pack, etc. Serial No. 405,068; July 12. Class 6.

Carthage Mills Incorporated, Cincinnati, Ohio. Felt base floor coverings. Serial No. 405,843; July 12. Class 20.

Cartwright, Robert F., doing business as Labcony, New York, N. Y. Pads for removing nail polish. Serial No. 405,382; July 12. Class 6.

Cassone, James C., Allentown, Pa. Astringents, astringent cerates, bleach creams, etc. Serial No. 405,717; July 12. Class 6.

Ceramic Machinery Company, The, Hamilton, Ohio. Electric, gas-electric, and Diesel-electric locomotives and parts thereof. Serial No. 402,247; July 12. Class 21.

Church, C. F., Mfg. Co., Willimansett, Mass. Toilet seats. Serial No. 405,348; July 12. Class 13.

Cinaudagraph Corporation, Stamford, Conn. Permanent magnets. Serial No. 405,347; July 12. Class 21.

Classy Leather Goods Corporation, New York, N. Y. Ladies' handbags. Serial No. 403,639; July 12. Class 3.

Coastal Chemical Company. (See Brown, George S., Jr.)

Cohen-Fein Company, Wilkes-Barre, Pa. Men's flannel shirts, jackets, mackinaws, etc. Serial No. 404,293; July 12. Class 39.

Cohen, Jos. S., & Sons Co., Inc., New York, N. Y. Dresses, frocks, pajamas, etc. Serial No. 406,240; July 12. Class 39.

Columbian Art Works, Inc., Milwaukee, Wis. Wallets, billfolds, and check pad carriers. Serial No. 406,920; July 12. Class 3.

Commanditaire Vennootschap op Aandeelen Tieleman & Dros, Leiden, Netherlands. Preserved vegetables. Serial No. 402,875; July 12. Class 46.

Consolidated Coal Company, The, St. Louis, Mo. Coal. Serial No. 405,633; July 12. Class 1.

Continental Undergarment Co., Inc., Brooklyn, N. Y. Ladies' slips, underwear, panties, etc. Serial No. 403,540; July 12. Class 39.

Cosmic-Ray Enterprises. (See Parfet, Ray T.)

Crafts, G. P., Company, Manchester, N. H. Boots and shoes. Serial No. 403,035; July 12. Class 39.

Cravenette Company, U. S. A., The, Hoboken, N. J. Fish-line. Serial No. 407,057; July 12. Class 22.

Cushman Motor Works, The, Lincoln, Nebr. Internal combustion engines and structural parts thereof. Serial No. 404,693; July 12. Class 23.

Daviess County Distilling Co., Incorporated, The, Owensboro, Ky. Whiskey. Serial No. 392,966; July 12. Class 49.

Day, L. H., & Co., Washington, D. C. Liniment. Serial No. 405,288; July 12. Class 6.

Debway Hats, Inc., New York, N. Y. Ladies' hats. Serial No. 403,541; July 12. Class 39.

Descours, Genthon, Inc., New York, N. Y. Woven piece goods. Serial No. 406,179; July 12. Class 42.

Detroit District Dental Society, Detroit, Mich. Tooth powder. Serial No. 402,294; July 12. Class 6.

Detrola Corporation, Detroit, Mich. Radio receiving sets and component parts. Serial No. 405,350; July 12. Class 21.

Detwiler, J. Arlington, doing business as Nearby Sales Company, Philadelphia, Pa. Tomato paste. Serial No. 401,210; July 12. Class 46.

Dodge, Incorporated, Los Angeles, Calif. Tableware. Serial No. 404,297; July 12. Class 28.

Dollar Packing Company, Salinas, Calif. Fresh vegetables. Serial No. 393,976; July 12. Class 46.

Dow Chemical Company, The, Midland, Mich. Compositions for coating paper, foils, fabrics, etc. Serial No. 405,241; July 12. Class 6.

Dukay & Co., New York, N. Y. Buttons and buckles, and molding materials. Serial No. 405,202; July 12. Class 40.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Chemicals. Serial No. 406,964; July 12. Class 6.

Eastern Smelting & Refining Corp., Boston, Mass. Precious metals. Serial No. 404,841; July 12. Class 14.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. High boiling oily esters. Serial No 406,018; July 12. Class 6.

Eisendrath, B. D., Tanning Company, Chicago, Ill. Calfskin leather. Serial No. 405,771; July 12. Class 1.
Electro Products Company. (See Stewart, Patterson O.)
Elliott Addressing Machine Company, The, Cambridge, Mass. Addressing machines and stencil printing apparatus and attachments therefor, etc. Serial No. 392,137; July 12. Class 23.
Elliott, B. K., Company, Pittsburgh, Pa. Tracing paper. Serial No. 400,955; July 12. Class 37.
Enro Shirt Co., The, Louisville, Ky. Shirts. Serial No. 405,772; July 12. Class 39.
Fan Tan Company, Inc., doing business as the Glo-Dent Tooth Powder Co., Chicago, Ill. Tooth powder. Serial No. 405,921; July 12. Class 6.
Fashion-Plate Clothes, Inc., New York, N. Y. Suits, coats, pants, etc. Serial No. 406,244; July 12. Class 39.
Fibre Conduit Company, The, Orangeburg, N. Y. Conduit, ducts, and pipes, and fittings for the same. Serial No. 403,450; July 12. Class 21.
Fibre Conduit Company, The, Orangeburg, N. Y. Conduit, ducts, and pipes, and fittings for the same. Serial No. 404,519; July 12. Class 21.
Florida Citrus Canners Cooperative, Lake Wales, Fla. Canned fruits and canned fruit juices. Serial No. 405,387; July 12. Class 46.
Frederline Bros., Bethesda, Md. Prepared food for dogs, cats, etc. Serial No. 403,308; July 12. Class 46.
Friedman Blau Farber Company, Cleveland, Ohio. Knitted outerwear and headwear. Serial No. 404,405; July 12. Class 39.
Fuchs, Joseph, doing business as Longlife Fish Food Products, Union City, N. J. Pet foods. Serial No. 404,406; July 12. Class 46.
Garfinkel & Ritter, New York, N. Y. Chemises, panties, night-gowns, etc. Serial No. 405,354; July 12. Class 39.
Gas Lift Corporation, Dallas, Tex. Gas lift apparatus. Serial No. 400,281; July 12. Class 13.
Geier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners and parts thereof and attachments and accessories therefor. Serial No. 406,246; July 12. Class 21.
General Chemical Company, New York, N. Y. Insecticides and fungicides. Serial No. 406,629; July 12. Class 6.
General Products Company. (See Bressler, Max.)
General Time Instruments Corporation, New York, N. Y., and La Salle, Ill. Clocks and watches. Serial No. 406,336; July 12. Class 27.
Gerard Brothers Limited, Nottingham, England. Toilet soaps. Serial No. 401,739; July 12. Class 4.
Gerard Brothers Limited, Nottingham, England. Toilet preparations. Serial No. 401,740; July 12. Class 6.
Gilland, Andrew H., doing business as Health Guard Laboratories, Muncie, Ind. Antiseptic. Serial No. 405,875; July 12. Class 6.
Ginsberg, I., Inc., Charleston, S. C. Whiskey. Serial No. 405,721; July 12. Class 49.
Glassine Paper Company, The, West Conshohocken, Pa. Laminated glassine paper. Serial No. 406,287; July 12. Class 37.
Glo-Dent Tooth Powder Co., The. (See Fan Tan Company, Inc.)
Golden Age Products. (See Jackson, Harlee S.)
Goldstein Hat Manufacturing Co., Dallas, Tex. Hats and hat bodies. Serial No. 396,125; July 12. Class 39.
Golf and Lawn Supply Corporation, Searsdale, N. Y. Lawn grass seed. Serial No. 406,053; July 12. Class 1.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Spark plugs. Serial No. 406,182; July 12. Class 21.
Gray, Dorothy, Salons, Bloomfield, N. J. Face powder. Serial No. 405,782; July 12. Class 6.
Greenfield Wholesale Co., The, Greenfield, Ohio. Hosiery. Serial No. 395,172; July 12. Class 39.
Greitzer, Meyer, Los Angeles, Calif. Furniture. Serial No. 406,449; July 12. Class 32.
G. W. Auto Device Co., Pittsburgh, Pa. Safety cut-off valve for hydraulic brake systems. Serial No. 398,896; July 12. Class 13.
Hawley & Hoops, New York, N. Y. Confectionery. Serial No. 405,645; July 12. Class 46.
Health Guard Laboratories. (See Gilland, Andrew H.)
Hearn Department Stores, Inc., New York, N. Y. Cotton piece goods, sheets, and pillow cases. Serial No. 406,021; July 12. Class 42.
Helms Bakeries, Los Angeles, Calif. Bakery products. Serial No. 384,211; July 12. Class 46.
Herald Knitwear Co. Inc., New York, N. Y. Knitted sweaters, suits, and skirts. Serial No. 404,044; July 12. Class 39.
Hoffman Specialty Company, Waterbury, Conn. Air valves. Serial Nos. 406,975–6; July 12. Class 13.
Hudson, J. L., Company, The, Detroit, Mich. Women's, misses', and juniors' coats and suits. Serial No. 406,184; July 12. Class 39.
Hudson, J. L., Company, The, Detroit, Mich. Men's suits, topcoats, and overcoats. Serial No. 406,185; July 12. Class 39.
Indestro Manufacturing Corp., Chicago, Ill. Wrenches and wrench sets. Serial No. 392,125; July 12. Class 23.
Inland Steel Company, Chicago, Ill. Open hearth steel. Serial No. 406,808; July 12. Class 14.
Italian Swiss Colony, San Francisco, Calif. Wines. Serial No. 402,566; July 12. Class 47.
Italian Swiss Colony, San Francisco, Calif. Wines. Serial No. 404,526; July 12. Class 47.
Jackson, Harlee S., doing business as Golden Age Products, Philadelphia, Pa. Mineral and vegetable tonic. Serial No. 404,852; July 12. Class 6.
Jackson, Honel A., doing business as The Jackson Electrode Holder Co., Detroit, Mich. Welding electrode holders. Serial No. 401,865; July 12. Class 21.
Jadson Motor Products Co., Bell, Calif. Motor valves, valve grinders, valve seats, etc. Serial No. 405,120; July 12. Class 23.
Jaffe, Louis, doing business as Pikabag Service Co., Philadelphia, Pa. Nuts, candy, and spices. Serial No. 406,219; July 12. Class 46.
James, Charles L., San Francisco, Calif. Hand-operated razor blade stropping devices. Serial No. 392,537; July 12. Class 23.
Janowitz, Ernest, New York, N. Y. Misses' and juniors' dresses. Serial No. 404,530; July 12. Class 39.
Johnson, Jay C., doing business as The House of Johnson, Baltimore, Md. Toilet or wash cloths. Serial No. 405,649; July 12. Class 42.
Jones, James B., Evanston, Ill. Solution used as a hair reviver. Serial No. 405,963; July 12. Class 6.
Jordan Marsh Company, Boston, Mass. Leather gloves. Serial No. 404,477; July 12. Class 39.
Juilliard, A. D., & Co. Inc., New York, N. Y. Automobile upholstery. Serial No. 406,514; July 12. Class 42.
Kahn, David, Inc., North Bergen, N. J. Fountain pens, fountain feed pens, mechanical pencils, etc. Serial No. 392,370; July 12. Class 37.
Kaye, Edgar C., Gurnee, Ill. Toothpaste. Serial No. 393,858; July 12. Class 6.
Keefe Packing Company, The, Arkansas City, Kans. Barbecue ham. Serial No. 405,930; July 12. Class 46.
Kewanee Boiler Corporation, Kewanee, Ill. Boilers. Serial No. 406,720; July 12. Class 34.
Kleinert, I. B., Rubber Company, New York, N. Y. Rubber mitts. Serial No. 405,777; July 12. Class 39.
Kline, Joe, Mount Morrison, Colo. Live and dressed turkeys. Serial No. 406,387; July 12. Class 46.
Kolbert-Lieberman, Inc., New York, N. Y. Woolen and worsted piece goods. Serial No. 406,060; July 12. Class 42.
Kress, S. H., and Company, New York, N. Y. Combination comb and brush sets and toilet sets. Serial No. 395,672; July 12. Class 40.
Labcony. (See Cartwright, Robert F.)
Lager, Max, doing business as Regal Lamp Shade Company, New York, N. Y. Lamp shades. Serial No. 402,726; July 12. Class 34.
La Paree Undergarment Co., Inc., Jersey City, N. J. Pajamas. Serial No. 405,880; July 12. Class 39.
LeCave, Dennis L., Tucson, Ariz. Vegetable doughnuts. Serial No. 403,011; July 12. Class 46.
Lightfoot Schultz Co., New York, N. Y. Reducing or slenderizing lotion for external use. Serial No. 406,427; July 12. Class 6.
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. Serial Nos. 405,303–4; July 12. Class 6.
Limpert Bros. Inc., Vineland, N. J. Paper cartons. Serial No. 406,024; July 12. Class 2.
Little, William S., Montgomery, Ala. Salve. Serial No. 405,451; July 12. Class 6.
Lockwood Hardware Manufacturing Co., Fitchburg, Mass. Lock sets. Serial No. 406,222; July 12. Class 25.
Loeser Laboratory, Incorporated, New York, N. Y. Medicinal preparation. Serial No. 405,608; July 12. Class 6.
Loeser Laboratory, Incorporated, New York, N. Y. Colloidal preparation. Serial No. 405,261; July 12. Class 6.
London House, Ltd., New York, N. Y. Hair brushes, shaving brushes, hand brushes, etc. Serial No. 406,517; July 12. Class 29.
Longlife Fish Food Products. (See Fuchs, Joseph.)
Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton piece goods. Serial No. 405,816; July 12. Class 42.
Lucidol Corporation, Buffalo, N. Y. Compounds or mixtures containing organic peroxides. Serial No. 406,257; July 12. Class 6.
Macy, R. H., & Co., Inc., New York, N. Y. Women's hats. Serial No. 381,276; July 12. Class 39.
Maris, James B., doing business as J. B. Maris Co., Bloomfield, N. J. Aquarium equipment. Serial No. 396,150; July 12. Class 21.
Melldale Company, The. (See Truesdale, Melville D.)
Mesa Citrus Growers, Mesa, Ariz. Fresh citrus fruit. Serial No. 406,593; July 12. Class 46.
Meyer & Lange, Inc., New York, N. Y. Boiled and smoked hams, sausages, and sandwich meat. Serial No. 403,217; July 12. Class 46.
Michigan Hair Goods Co. (See Nathans, Robert R.)
Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco, cigars, and cigarettes. Serial No. 403,604; July 12. Class 17.

Miller, Max B., & Co. Inc., New York, N. Y. Aluminum earth filtering materials. Serial No. 406,463; July 12. Class 1.
Mission Dry Corporation, Los Angeles, Calif. Beverage and syrups and extracts for preparing the same. Serial No. 405,933; July 12. Class 45.
Moffett, Samuel A., doing business as S. A. Moffett Company, Seattle, Wash. Quick frozen foods. Serial No. 398,053; July 12. Class 46.
Monllor & Boscio, Sucrs., S. en C., Ponce, P. R. Rum. Serial No. 404,616; July 12. Class 49.
Murray, James M., Garden City, N. Y. Commercial fertilizer. Serial No. 406,598; July 12. Class 10.
Nathans, Robert R., doing business as Michigan Hair Goods Co., Detroit, Mich. Pads used for the permanent waving of hair. Serial No. 399,853; July 12. Class 44.
National Institute of Music and Arts, Inc., Seattle, Wash. Brass, reed, and stringed musical instruments. Serial No. 406,189; July 12. Class 36.
Nearby Sales Company. (See Detwiler, J. Arlington.)
Neo-Techni-Products Corp., Brooklyn, N. Y. Liquid spraying machines. Serial No. 403,554; July 12. Class 23.
New Hampshire Diatomite Company, Portsmouth, N. H. Filler for rubber, asphalt, etc. Serial No. 406,430; July 12. Class 1.
Norcross, New York, N. Y. Dolls. Serial No. 403,235; July 12. Class 22.
Norcross, New York, N. Y. Decorative wrapping paper and writing paper. Serial No. 402,198; July 12. Class 37.
Nored Corporation, The, Harrisburg, Pa. Newspaper or periodical published fortnightly. Serial No. 404,229; July 12. Class 38.
Northwest Paper Company, The, Cloquet, Minn. Paper. Serial No. 399,468; July 12. Class 37.
Oconomowoc Canning Co., Oconomowoc, Wis. Mayonnaise, salad dressing, olives, etc. Serial No. 405,368; July 12. Class 46.
Oshkosh Trunks, Inc., Oshkosh, Wis. Hand luggage. Serial No. 405,219; July 12. Class 3.
Østbye, Peter S., Oslo, Norway. Skis, ski bindings, ski poles, etc. Serial No. 400,922; July 12. Class 22.
Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Bread. Serial No. 406,148; July 12. Class 46.
Parfumerie F. Millot, Societe Anonyme, Paris, France. Perfume, eau de cologne, lotion for the face, etc. Serial No. 406,431; July 12. Class 6.
Parke, Davis & Company, Detroit, Mich. Lime or group of enteric coated tablets. Serial No. 406,936; July 12. Class 6.
Parmentier, John, doing business as Permentier's Roses, Bayport, N. Y. Horticultural growths and nursery stocks. Serial No. 405,613; July 12. Class 1.
Peck, Stow & Wilcox Company, The, Southington, Conn. Display and storage cabinets. Serial No. 404,953; July 12. Class 32.
Pennex Products Company, Pittsburgh, Pa. Food flavoring extracts. Serial No. 406,446; July 12. Class 46.
Phillips, Max, Brooklyn, N. Y. Ice cream. Serial No. 404,774; July 12. Class 46.
Pikabag Service Co. (See Jaffe, Louis.)
Pilley, Frank, & Sons, Inc., Omaha, Nebr. Poultry and hog foods. Serial No. 405,665; July 12. Class 46.
Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. Serial No. 402,274; July 12. Class 46.
Pophitt Cereal Company, Minneapolis, Minn. Exploded wheat cereal, exploded rice cereal, and exploded corn cereal. Serial No. 406,038; July 12. Class 46.
Porto Shoe Sales Company. (See Weissman, Rubin.)
Pratt-Low Preserving Co., Santa Clara, Calif. Canned fruits and canned vegetables. Serial No. 406,149; July 12. Class 46.
Progressive Musical Instrument Corporation, New York, N. Y. Reeds for musical instruments, reed and wind musical instruments. Serial Nos. 400,527–8; July 12. Class 36.
Purity Paper Vessels Company, The, Baltimore, Md. Paper cups and other paper containers. Serial No. 405,866; July 12. Class 2.
Rail Steel Bar Association, Chicago, Ill. Rail-steel concrete reinforcement bars. Serial No. 404,136; July 12. Class 12.
Rapp, Arthur R., doing business as Arthur R. Rapp Company, Chicago, Ill. Cigarette holders and smoke filters for same. Serial No. 401,872; July 12. Class 8.
Rasmussen, Niels, & H. Schiøtz, Frederiksberg, near Copenhagen, Denmark. Mixture of organic adhesive and a mineral filling of granulous or fibrous nature. Serial No. 399,201; July 12. Class 12.
Raysteel Specialties, Inc., Cleveland, Ohio. Weatherstrip. Serial No. 403,092; July 12. Class 12.
RCA Manufacturing Company, Inc., Camden, N. J. Devices of the type using a vibratory-switch current-interrupter-rectifier means together with voltage transforming and filtering means to convert direct current of one voltage into direct current of another voltage, and parts thereof. Serial No. 394,955; July 12. Class 21.
Regal Lamp Shade Company. (See Lager, Max.)
Reliable Textile Company, The, Chicago, Ill. Goods treated or coated with materials such as pyroxylin or rubber. Serial No. 404,017; July 12. Class 50.
Richmond Wood Working Company, Richmond, Va. Embalming fluids, cosmetics, and other medical preparations for the dead. Serial No. 405,182; July 12. Class 6.
Richter, Theodore A., New York, N. Y. Hair tonic. Serial No. 406,001; July 12. Class 6.
Rigaud, Michel, Neuilly, France. Pharmaceutical preparations. Serial No. 403,278; July 12. Class 6.
Rio Grande Valley Citrus Exchange, Weslaco, Tex. Fresh citrus fruits and canned fruit juices. Serial No. 399,329; July 12. Class 46.
Rogers, Arretis, doing business as Win-Brite Co., Muncie, Ind. Glass cleaner preparation for windows and windshields. Serial No. 406,656; July 12. Class 4.
Rudkin, Margaret F., Westport, Conn. Bread and cereal food products. Serial No. 403,468; July 12. Class 46.
San Fernando Heights Orange Assn., San Fernando, Calif. Fresh citrus fruit. Serial No. 406,657; July 12. Class 46.
Schering Corporation, Bloomfield, N. J. Laxative preparation. Serial No. 405,938; July 12. Class 6.
Schermerhorn Bros. Co., Chicago, Ill. Wall canvas. Serial No. 396,511; July 12. Class 42.
Schermerhorn Bros. Co., Chicago, Ill. Wall canvas. Serial No. 396,515; July 12. Class 42.
Scranton Fuel Company, Newark, N. J., and New York, N. Y. Anthracite coal. Serial No. 403,710; July 12. Class 1.
Seltzer, George H., doing business as George H. Seltzer Company, Drexel Hill, Pa. Machine tool equipment. Serial No. 405,670; July 12. Class 23.
Shapiro Glove Co., Inc., New York, N. Y. Gloves. Serial No. 401,033; July 12. Class 39.
Sheinman, Harry L., & Sons Inc., New York, N. Y. Fabrics. Serial No. 402,700; July 12. Class 42.
Siefen, Ida E., doing business as J. J. Siefen Company, Detroit, Mich. Abrasive bond for setting up polishing wheels and belts. Serial No. 401,361; July 12. Class 4.
Skrainka, Ralph N., University City, Mo. Mailing envelopes. Serial No. 405,416; July 12. Class 37.
Sleetex Co. Inc., The, New York, N. Y. Vehicle windshield wiper blades. Serial No. 405,941; July 12. Class 19.
Smit, J. K., & Sons, Inc., New York, N. Y. Diamond core bits, diamond dressing tools, and diamond cutting tools. Serial No. 406,197; July 12. Class 23.
Snyder, Sampson, doing business as Bastrop Orchard Co., Bastrop, La. Fresh deciduous fruits. Serial No. 406,353; July 12. Class 46.
Split-Tablets Corporation. (See Ballowitz, Dr., & Co. Chemisch-Pharmaz, Fabric G. m. b. H., assignor.)
Standard Coated Products Corporation, Buchanan, Cortlandt, N. Y. Oilcloth. Serial No. 406,889; July 12. Class 20.
Sta-Rite Hair Pin Company, Shelbyville, Ill. Cosmetics. Serial No. 405,620; July 12. Class 6.
Stauffer Chemical Company, New York, N. Y., and San Francisco, Calif. Insecticides and fungicides. Serial No. 405,901; July 12. Class 6.
Stewart, Patterson O., doing business as Electro Products Company, New York, N. Y. Combustion indication apparatus. Serial No. 404,455; July 12. Class 26.
Swisher, Jno. H., & Son, Inc., Jacksonville, Fla. Cigars. Serial No. 383,903; July 12. Class 17.
Sycamore Coal Corporation, Cinderella, W. Va. Coal. Serial No. 388,962; July 12. Class 1.
Syncro Devices, Incorporated, Detroit, Mich. Internal combustion engines and parts thereof. Serial No. 405,426; July 12. Class 23.
Tayloe Paper Company, Memphis, Tenn. School tablets, composition books, and typewriter paper. Serial No. 406,355; July 12. Class 37.
Truesdale, Melville D., doing business as The Melldale Company, Stamford, Conn. Bottle openers. Serial No. 405,088; July 12. Class 23.
United Furniture Stores, Chicago, Ill. Kitchen furniture, juvenile furniture, novelty furniture, etc. Serial No. 406,535; July 12. Class 32.
United States Glass Co., Pittsburgh, Pa. Glass tableware and glass bar ware. Serial Nos. 403,794–5; July 12. Class 33.
United States Glass Co., Pittsburgh, Pa. Glass tableware and glass bar ware. Serial No. 403,797; July 12. Class 33.
United States Glass Co., Pittsburgh, Pa. Glass tableware and glass bar ware. Serial No. 403,800; July 12. Class 33.
United States Rubber Products, Inc., New York, N. Y. Coats of rubberized waterproof material. Serial No. 406,205; July 12. Class 39.
Vermont Asbestos Corporation, Hyde Park, Vt., and New York, N. Y. Asbestos fibre. Serial No. 402,805; July 12. Class 1.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Virginia-Carolina Chemical Corporation, Richmond, Va. Commercial fertilizers or plant food. Serial No. 406,953; July 12. Class 10.

Wahl Company, The, Chicago, Ill. Fountain pens and parts thereof. Serial No. 405,829; July 12. Class 37.

Warr Fire Extinguisher Company, Incorporated, The, Baltimore, Md. Fire extinguishers. Serial No. 400,077; July 12. Class 23.

Waverly Growers Cooperative, Waverly, Fla. Fresh citrus fruits. Serial No. 401,632; July 12. Class 46.

Weissberg, Harry E., San Diego, Calif. Trailers. Serial No. 405,042; July 12. Class 19.

Weissman, Rubin, doing business as Porto Shoe Sales Company, New York, N. Y. Shoes. Serial No. 404,023; July 12. Class 39.

Wickwire Spencer Steel Company, New York, N. Y. Metal conveyor belts. Serial No. 397,234; July 12. Class 23.

Win-Brite Co. (See Rogers, Arretis.)

Wolf, Benjamin, Co., Inc., New York, N. Y. Scarfs. Serial No. 405,904; July 12. Class 39.

Woolworth, F. W., Co., Watertown and New York, N. Y. Cold cream soap. Serial No. 406,319; July 12. Class 4.

Wüfing, Johann A., Berlin, Germany. Sleep inducing agents and preparations. Serial No. 395,973; July 12. Class 6.

York Ice Machinery Corporation, York, Pa. Air conditioners. Serial No. 406,742; July 12. Class 34.

Zenith Radio Corporation, Chicago, Ill. Radio frequency and audio frequency transmitting and receiving apparatus, and parts thereof. Serial Nos. 406,160–2; July 12. Class 21.

LIST OF REGISTRANTS OF TRADE-MARKS

Ackerman, Morris, Cleveland, to M. Ackerman, East Cleveland, Ohio. Publication. 123,772; renewed Dec. 10, 1938.

Adair, A. D., & McCarty Bros., Inc. (See Chickamauga Fertilizer Works, assignor.)

Adjusta-Lite Venetian Blind Company, Waco, Tex. Venetian blinds. 358,442; July 12; Serial No. 403,191; published May 3, 1938. Class 32.

Agfa Ansco Corporation, Binghamton, N. Y. Sensitized photographic film. 358,422; July 12; Serial No. 402,166; published May 3, 1938. Class 26.

Air Conditioned Fabrics Corp. (See Meyer, Melvin, assignor.)

American Hard Rubber Company, Hempstead and New York, N. Y. Rods, sheets, and tubes of hard rubber. 358,421; July 12; Serial No. 402,079; published May 3, 1938. Class 50.

American La France Fire Engine Co., Inc., assignor to American-LaFrance-Foamite Corporation, Elmira, N. Y. Nozzles and play-pipes. 123,079; renewed Oct. 15, 1938.

American La France Fire Engine Co., Inc., assignor to American-LaFrance-Foamite Corporation, Elmira, N. Y. Respirating devices. 123,081; renewed Oct. 15, 1938.

American La France Fire Engine Co., Inc., assignor to American-LaFrance-Foamite Corporation, Elmira, N. Y. Rubber-lined cotton-fabric hose. 123,774; renewed Dec. 10, 1938.

American-LaFrance-Foamite Corporation, Elmira, N. Y. Centrifugal pumps. 358,458; July 12; Serial No. 403,809; published May 3, 1938. Class 23.

American Optical Company, Southbridge, Mass. Ophthalmic mountings, and parts therefor. 358,478; July 12. Class 26.

American Tag Company, Chicago, Ill. Paper labels, tickets, and tags. 358,406; July 12; Serial No. 400,677; published May 3, 1938. Class 37.

Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure caps. 358,367; July 12; Serial No. 381,651; published May 3, 1938. Class 50.

Anderson, Virgin M., Greenville, S. C. Preparation for the treatment of colds, coughs, la grippe, etc. 123,686; renewed Dec. 3, 1938.

Andrews, R. P., Paper Company, Washington, D. C. Paper and stationery. 123,685; renewed Dec. 3, 1938.

Arbouin Marett & Co., S. A., Cognac, France. Brandy. 358,420; July 12; Serial No. 402,049; published May 3, 1938. Class 49.

Arrow Distilleries, Inc., Detroit, Mich. Alcoholic cordials and liqueurs. 358,366; July 12; Serial No. 376,028; published Apr. 21, 1936. Class 49.

Astrup Company, The, Cleveland, Ohio. Cotton piece goods. 358,438; July 12; Serial No. 403,069; published May 3, 1938. Class 42.

Bakelite Corporation. (See Redmanol Chemical Products Co., assignor.)

Baltz, Otto C., doing business as Jackson Laboratories, Philadelphia, Pa. Automobile polish. 358,395; July 12; Serial No. 398,384; published Nov. 30, 1937. Class 16.

Bendixen Tobacco Company, Syracuse, N. Y. Tobacco. 358,434; July 12; Serial No. 402,931; published May 3, 1938. Class 17.

Betz, Arthur B., doing business as S A E Steels, Cleveland, Ohio. Carbon and alloy steel bars. 358,466; July 12. Class 14.

Binney & Smith Co., New York, N. Y. Prepared carbon black. 358,400; July 12; Serial No. 400,081; published Feb. 1, 1938. Class 12.

Blatter, Titus, & Company, New York, N. Y. Piece goods and upholstery and draperies made therefrom. 358,412; July 12; Serial No. 401,230; published May 3, 1938. Class 42.

Bloom, Charles, Inc., New York, N. Y. Drapery fabrics. 358,460; July 12; Serial No. 403,901; published May 3, 1938. Class 42.

Blue Diamond Coal Company, Knoxville, Tenn., and Cardiff, Ky., to Blue Diamond Coal Company, Knoxville, Tenn., successor. Coal. 122,428; renewed Aug. 20, 1938.

Brewster, William Company, Inc., New York, N. Y. Machine for writing on metals. 123,544; renewed Nov. 19, 1938.

Brock Candy Company, Chattanooga, Tenn. Candy. 358,368; July 12; Serial No. 387,733; published Mar. 9, 1937. Class 46.

Bruner-Ritter, Inc., New York, N. Y. Metallic wrist watch strap-bracelets. 358,470; July 12. Class 28.

Caesar, Irving, New York, N. Y. Charts. 358,423; July 12; Serial No. 402,215; published May 3, 1938. Class 37.

California Conserving Company, Inc., San Francisco, Calif. Pickles. 358,419; July 12; Serial No. 401,648; published Feb. 22, 1938. Class 46.

California Fruit Exchange, Sacramento, Calif. Cherries, peaches, plums, etc. 123,687; renewed Dec. 3, 1938.

Car-Cal Winery. (See Sands, Sally.)

Caribonum Company Limited, The, now by change of name Caribonum Limited, Leyton, England. Carbon-papers, type-writer ribbons, and printing and writing inks. 122,187; renewed July 9, 1938.

Central Communication Devices, Inc., New York, N. Y. Inter-office communicating apparatus. 358,398; July 12; Serial No. 399,440; published May 3, 1938. Class 21.

Chickamauga Fertilizer Works, assignor to A. D. Adair & McCarty Bros., Inc., Atlanta, Ga. Fertilizer. 122,190; renewed July 9, 1938.

Christian, Martha L., doing business as Reel Products Company, Cedar Rapids, Iowa. Food for poultry, cattle, hogs, etc. 358,391; July 12; Serial No. 397,355; published May 3, 1938. Class 46.

Church of Jesus Christ of Latter-day Saints, Salt Lake City, Utah. Underwear. 358,414; July 12; Serial No. 401,332; published May 3, 1938. Class 39.

Cold Spring Granite Company, Cold Spring, Minn. Cemetery monuments, headstones, etc. 358,386; July 12; Serial No. 395,902; published Jan. 4, 1938. Class 50.

Colorado Milling & Elevator Company, The, Denver, Colo., and Weiser, Idaho. Wheat-flour. 123,569; renewed Nov. 19, 1938.

Colvinex Corporation, New York, N. Y. Woven fabric of metal core yarn. 358,456; July 12; Serial No. 403,756; published May 3, 1938. Class 42.

Combustrol Equipment Co., Inc., Clifton, N. J., and New York, N. Y. Industrial burners, furnaces, and heating chambers. 358,385; July 12; Serial No. 395,660; published May 3, 1938. Class 34.

Consolidated Safety Pin Co., Bloomfield, N. J., assignor, by mesne assignments, to The Risdon Manufacturing Company, Naugatuck, Conn. Safety-pins. 123,428; renewed Nov. 12, 1938.

Cooney, Arthur R., Philadelphia, Pa. Games. 358,461; July 12; Serial No. 403,993; published May 3, 1938. Class 22.

Corning, Louis A., Hamlet, N. C. Ice cream, sherbets. 358,443; July 12; Serial No. 403,199; published May 3, 1938. Class 46.

Crompton Company, West Warwick, R. I. Corduroy fabrics. 358,462; July 12; Serial No. 403,996; published May 3, 1938. Class 42.

Crown Products Corporation, Philadelphia, Pa. Felt products. 358,418; July 12; Serial No. 401,517; published May 3, 1938. Class 50.

Del Monte-Hickey Company, Inc., New York, N. Y. Coats, suits, dresses, etc. 358,457; July 12; Serial No. 403,758; published May 3, 1938. Class 39.

Del-Monte-Hickey Company, Inc., New York, N. Y. Coats, suits, dresses, etc. 358,473–4; July 12. Class 39.

Distillerie Stock S. A., Trieste, Italy. Vermouth. 358,375; July 12; Serial No. 391,855; published May 3, 1938. Class 47.

Distillerie Stock S. A., Trieste, Italy. Vermouth. 358,376; July 12; Serial No. 392,314; published May 3, 1938. Class 47.

Duff, P., & Sons, Inc., Pittsburgh, Pa. Prepared mixes for cake making. 358,430; July 12; Serial No. 402,771; published May 3, 1938. Class 46.

Duncan Coffee Company, Houston, Tex. Coffee in cans. 123,701; renewed Dec. 3, 1938.

Duro Metal Products Company, Chicago, Ill. Hand hammers. 358,471; July 12. Class 23.

Eagle Clothes, New York, N. Y. Suits. 358,482–3; July 12. Class 39.

Eastern Manufacturing Company, Brewer, Maine. Type-writer and printing paper. 358,425; July 12; Serial No. 402,558; published May 3, 1938. Class 37.

Electro-Technical Products, Inc., Nutley, N. J. Waterproof and water repellent fabrics. 358,415; July 12; Serial No. 401,376; published May 3, 1938. Class 50.

"Eumig" Elektrizitäts- und Metallwaren-Industrie, Vienna, Austria. Photographic apparatus. 358,411; July 12; Serial No. 401,213; published May 3, 1938. Class 26.

Evans Marshall & Company Limited, London, England. Whisky. 358,380; July 12; Serial No. 394,936; published May 3, 1938. Class 49.

Foss & Company, Vineland, N. J. House paint, flat paint, paint enamels, etc. 358,416; July 12; Serial No. 401,382; published May 3, 1938. Class 16.

Frances Citrus Association. (See San Joaquin Fruit Co., assignor.)

Frisch & Co., Inc., New York, N. Y. Ready mixed paint. 358,459; July 12; Serial No. 403,863; published May 3, 1938. Class 16.

General Ceramics Company, New York, N. Y. Electric insulators. 358,417; July 12; Serial No. 401,433; published May 3, 1938. Class 21.

Germain Seed & Paint Company, Los Angeles, Calif. Flower seeds. 358,429; July 12; Serial No. 402,723; published Apr. 26, 1938. Class 1.

Golden West Citrus Association, assignor to The Golden-west Citrus Association, Tustin, Calif. Fresh citrus fruits. 123,708–10; renewed Dec. 3, 1938.

Gottschalk & Co., New York, N. Y. Printed fabrics. 358,407; July 12; Serial No. 400,908; published May 3, 1938. Class 42.

Götz, Jan, Okocimski Browar i Zaklady Przemyslowe S. A., Okocim, Poland. Beers of any kind. 358,383; July 12; Serial No. 395,170; published May 3, 1938. Class 48.

Grimes, Coble E., Fredericksburg, Pa. Dressed poultry, dressed rabbits, and eggs. 358,480; July 12. Class 46.

Gumakers of America, Inc., Clifton Heights, Pa. Chewing gum. 358,435; July 12; Serial No. 402,973; published Apr. 26, 1938. Class 46.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Canned fruits and canned fruit juices. 358,479; July 12. Class 46.

Heggemeyer, William, doing business as Wil-Meyer Co., New York, N. Y. Liquid glass cleaner and polish. 358,432; July 12; Serial No. 402,818; published May 3, 1938. Class 4.

Hinde & Dauch Paper Company, The, Sandusky, Ohio. Corrugated paper merchandise display stands. 358,426; July 12; Serial No. 402,630; published May 3, 1938. Class 2.

Hinde & Dauch Paper Company, The, Sandusky, Ohio. Corrugated paper. 358,448; July 12; Serial No. 403,314; published May 3, 1938. Class 37.

Hirsch, Louis, Textile Machines, Inc., New York, N. Y. Hosiery. 358,447; July 12; Serial No. 403,232; published May 3, 1938. Class 39.

Hi-Top Candy Co. (See Minor, Jesse.)

Home News Publishing Company, The, New Brunswick, N. J. Newspaper. 358,404; July 12; Serial No. 400,643; published Feb. 8, 1938. Class 38.

Honey-Web Inc., New York, N. Y. Ribbon fly catcher. 358,405; July 12; Serial No. 400,645; published May 3, 1938. Class 50.

Hooven & Allison Company, Xenia, Ohio. Rope and binder twines. 358,392–3; July 12; Serial Nos. 398,160–1; published Dec. 7, 1938. Class 7.

Hudson, J. L., Company, The, Detroit, Mich. Men's suits, topcoats, and overcoats. 358,476; July 12. Class 39.

Hudson Steel & Tube Corp., New York, N. Y. Bicycle electric lamps and electric generators. 358,427; July 12; Serial No. 402,632; published May 3, 1938. Class 21.

Hurlburt Bros. Co., Wilson, N. Y. Pickle relish and pickles. 358,379; July 12; Serial No. 394,537; published Jan. 25, 1938. Class 46.

Ideal Shirt Co., The, assignor to Simon, M. & D., Co., Cleveland, Ohio. Dress-shirts. 123,245; renewed Oct. 22, 1938.

Insley Manufacturing Corporation, Indianapolis, Ind. Excavating machines or cranes. 358,401; July 12; Serial No. 400,345; published Mar. 15, 1938. Class 23.

Isrin Oliver Corporation, New York, N. Y. Extracts, syrups, and beverages. 358,403; July 12; Serial No. 400,601; published May 3, 1938. Class 45.

Jackson Laboratories. (See Baltz, Otto C.)

Jeanette Powder Puffs, Inc., Newark, N. J. Powder puff. 358,365; July 12; Serial No. 371,923; published Feb. 18, 1936. Class 29.

Johnson Biscuit Company, Sioux City, Iowa. Candies, crackers, and cookies. 121,904; renewed June 11, 1938.

Kindlund & Drake, New York, N. Y. Vacuum relief valves. 358,444; July 12; Serial No. 403,212; published May 3, 1938. Class 13.

Kirk, James S., & Company, Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Toilet soap. 123,723; renewed Dec. 3, 1938.

Kloster Steel Corporation, Chicago, Ill. Hot work steel. 358,441; July 12; Serial No. 403,180; published May 3, 1938. Class 14.

Laing, Nathan, New York, N. Y. Spinning top. 358,452; July 12; Serial No. 403,699; published May 3, 1938. Class 22.

Laucks, I. F., Inc., Seattle, Wash. Calcimines and cold water paints. 358,454; July 12; Serial No. 403,728; published May 3, 1938. Class 16.

Lauer, William J., doing business as W. J. Lauer & Co., Bismarck, N. Dak. Fish lures. 358,378; July 12; Serial No. 393,334; published May 3, 1938. Class 22.

Leon, Albert, doing business as Morning Glory Products Co., Los Angeles, Calif. Coffee substitute. 358,410; July 12; Serial No. 401,096; published May 3, 1938. Class 46.

Lesco Ltd., New York, N. Y. Ladies' handbags. 358,465; July 12; Serial No. 404,255; published May 3, 1938. Class 3.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits. 358,449; July 12; Serial No. 403,369; published May 3, 1938. Class 39.

Lincoln Locker Corporation, The, Pocahontas, Iowa. Locker boxes. 358,472; July 12. Class 2.

Little Marjorie Coat Company, New York, N. Y. Girls' snow suits and ski suits. 358,408; July 12; Serial No. 401,027; published May 3, 1938. Class 39.

Lubin-Weeker Co., Inc., New York, N. Y. Men's pajamas. 358,409; July 12; Serial No. 401,064; published Feb. 22, 1938. Class 39.

Lyons, Gordon V., Inc., New York, N. Y. Women's and misses' coats and suits. 358,477; July 12. Class 39.

Maison de Venoge Société Anonyme, Epernay, France. Champagne wines. 358,402; July 12; Serial No. 400,349; published May 3, 1938. Class 47.

Majestic Distilling Company, Inc., Baltimore, Md. Whiskey, gin, brandy, etc. 358,486; July 12. Class 49.

Mark, Clayton, & Company, Chicago, Ill. Steel pipe and steel tubing. 358,370; July 12; Serial No. 389,141; published May 3, 1938. Class 13.

Masury, John W., & Son, Brooklyn, to John W. Masury & Son, New York, N. Y. Varnish. 123,622; renewed Nov. 19, 1938.

McAteer, James A., & Sons Inc., to R. C. McAteer Company, Pittsburgh, Pa., successor. Compound used in the preparation of jellies and desserts. 122,029; renewed June 18, 1938.

McClatchy, James, Co., Sacramento, Calif. Newspaper-section. 123,257; renewed Oct. 22, 1938.

Metallic Coatings, Inc., Brooklyn, N. Y. Ready mixed paints, and powder formed paints, varnish, etc. 358,389–90; July 12; Serial Nos. 396,500–1; published May 3, 1938. Class 16.

Metaphane Inc., New York, N. Y. Wallpaper and decorative papers. 358,445; July 12; Serial No. 403,216; published May 3, 1938. Class 37.

Meyer, Melvin, assignor to Air Conditioned Fabrics Corp., New York, N. Y. Fabrics. 358,384; July 12; Serial No. 395,174; published May 3, 1938. Class 42.

Millar, E. B., & Company, Chicago, Ill. Coffee. 123,740; renewed Dec. 3, 1938.

Minneapolis Paper Co., Minneapolis, Minn. Merchandise display racks. 358,431; July 12; Serial No. 402,790; published May 3, 1938. Class 32.

Moorlane Company, Tulsa, Okla. Stud bolts. 358,428; July 12; Serial No. 402,692; published May 3, 1938. Class 13.

Morning Glory Products Co. (See Leon, Albert.)

Mor-Pak Preserving Corporation, Stockton, Calif. Canned fruits and canned vegetables. 358,377; July 12; Serial No. 392,809; published July 20, 1937. Class 46.

Murphy Varnish Company, Newark, N. J. Varnishes, enamels, and varnish-stains. 121,924; renewed June 11, 1938.

National Biscuit Company, New York, N. Y. Bakery Products. 358,436; July 12; Serial No. 402,983; published May 3, 1938. Class 46.

National Enameling and Stamping Company, Milwaukee, Wis. Cooking ranges. 358,399; July 12; Serial No. 399,437; published May 3, 1938. Class 34.

Nelda Coats, Inc., New York, N. Y. Women's, misses', juniors', and children's coats. 358,382; July 12; Serial No. 395,078; published Sept. 14, 1937. Class 39.

Neptune Sea Food Company, San Diego, Calif. Canned sardines. 121,932; renewed June 11, 1938.

No Name Hat Manufacturing Company, Orange, N. J., and New York, assignor to The No Name Hat Company, New York, N. Y. Felt hats. 122,035; renewed June 18, 1938.

Omaha Flour Mills Co., now by change of name Omar Mills, Inc., Omaha, Nebr. Wheat-flour. 123,380; renewed Oct. 29, 1938.

Omar Mills, Inc. (See Omaha Flour Mills Co.)

Paragon Oil Company, Inc., Brooklyn, N. Y. Correspondence and writing paper. 358,372; July 12; Serial No. 390,235; published May 3, 1938. Class 37.

Parker, Wilder & Co., New York, N. Y. Woolen piece goods. 358,463; July 12; Serial No. 404,013; published May 3, 1938. Class 42.

Paterson, Simons & Co. Ltd., London, England. Canned pineapple. 358,455; July 12; Serial No. 403,732; published May 3, 1938. Class 46.

Pearl Garment Corp., Camden, N. J. Ladies' coats and suits. 358,475; July 12. Class 39.

Pervel Corporation, New York, N. Y. Cellulose material in sheet form. 358,397; July 12; Serial No. 399,327; published May 3, 1938. Class 37.

Procter & Gamble Company, The. (See Kirk, James S., & Company, assignor.)

Proctor, M. E., doing business as Proctors Products, New Haven, Conn. Prophylactic rubber articles. 358,433; July 12; Serial No. 402,916; published May 3, 1938. Class 44.

Pure Cane Sugar Company, Inc., Cardenas, Cuba, and Dover, Del. Sugar. 358,396; July 12; Serial No. 399,109; published Feb. 1, 1938. Class 46.

Putnam, I., Inc., Elmira, N. Y. Preparations for cleaning artificial dentures. 358,453; July 12; Serial No. 403,707; published May 3, 1938. Class 4.

Ralco Manufacturing Company, Chicago, Ill. Electrical sockets, plugs, motors, etc. 123,644; renewed Nov. 19, 1938.

Redmanol Chemical Products Co., Chicago, Ill., assignor to Bakelite Corporation, New York, N. Y. Lacquers, varnishes, paints. 121,949; renewed June 11, 1938.

Reel Products Company. (See Christian, Martha L.)

Reyburn Manufacturing Company, The, Philadelphia, Pa. Sheet material of paper for the formation of displays. 358,437; July 12; Serial No. 402,986; published May 3, 1938. Class 37.

Risdon Manufacturing Company, The. (See Consolidated Safety Pin Co., assignor.)

Rochelle Asparagus Company, Rochelle, Ill. Canned asparagus. 358,446; July 12; Serial No. 403,225; published May 3, 1938. Class 46.

Roman Furniture Corporation, Brooklyn, N. Y. Household furniture. 358,488; July 12. Class 32.

S A E Steels. (See Betz, Arthur B.)

Sabella, V., & Co., Inc., New York, N. Y. Caponata petronciane; and palermo. 358,485; July 12. Class 46.

Sands, Sally, doing business as Car-Cal Winery, Greensboro, N. C. Wine. 358,371; July 12; Serial No. 389,851; published May 3, 1938. Class 47.

San Joaquin Fruit Co., Tustin, assignor, by mesne assignments, to Frances Citrus Association, Santa Ana, Calif. Fresh citrus fruits. 123,063; renewed Oct. 8, 1938.

Scheele, Wm., & Sons Co., Inc., Fort Wayne, Ind. Nonalcoholic beverages, particularly pop. 358,381; July 12; Serial No. 394,956; published Nov. 9, 1937. Class 45.

Schwob, Adolphe, Inc., New York, N. Y., assignor to Tavannes Watch Co., S. A., Tavannes, Switzerland. Watches, watch-cases, and watch-movements. 122,528; renewed Aug. 20, 1938.

Scott & Bowne, Bloomfield, N. J. Digestive tablet. 122,747; renewed Sept. 10, 1938.

Scurlock Kontanerette Corporation, Chicago, Ill. Glass bottles. 358,387; July 12; Serial No. 396,047; published May 3, 1938. Class 33.

Seattle Luggage Corporation, Seattle, Wash. Trunks, dress-suitcases, handbags, etc. 358,373; July 12; Serial No. 390,423; published May 18, 1937. Class 3.

Simon, M. & D., Co. (See Ideal Shirt Co., The, assignor.)

Simpson, Wm., Sons & Co., Philadelphia, Pa. Cotton piece goods and cotton dress goods. 122,750; renewed Sept. 10, 1938.

Slaughter, G. N., doing business as Slaughter Bottling Works, Mount Airy, N. C. Beverages, and syrups, extracts, and flavors used in making the same. 358,487; July 12.. Class 45.

Sparta Foundry Company, Sparta, Mich. Cast iron alloy. 358,464; July 12; Serial No. 404,062; published Apr. 26, 1938. Class 14.

Stitzel, A. Ph., Inc., Louisville, Ky., now by change of name Stitzel-Weller Distillery. Whiskey. 358,468–9; July 12. Class 49.

Strauss, Levi, & Co., San Francisco, Calif. Wearing apparel. 358,413; July 12; Serial No. 401,264; published Feb. 22, 1938. Class 39.

Swartz, Sophia, New York, N. Y. Piece goods. 358,451; July 12; Serial No. 403,481; published May 3, 1938. Class 42.

Tavannes Watch Co., S. A. (See Schwob, Adolphe, Inc., assignor.)

Teitelbaum, Maxwell, Brooklyn, N. Y. Door springs and springs. 358,394; July 12; Serial No. 398,222; published May 3, 1938. Class 13.

Tennessee Furniture Corporation, Chattanooga, Tenn. Refrigerators. 358,467; July 12. Class 31.

Thurman Manufacturing Company, Philadelphia, Pa. Ladies' sleeveless button vests. 358,484; July 12. Class 39.

Tobin Richard R., doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Smoking and chewing tobacco. 358,450; July 12; Serial No. 403,433; published May 3, 1938. Class 17.

United Shoe Machinery Corporation, as assignee of United Shoe Machinery Company, assignor to United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Nails and tacks. 123,174; renewed Oct. 15, 1938.

U. S. Manufacturing Corporation, Decatur, Ill. Electric cooker. 358,374; July 12; Serial No. 390,758; published May 3, 1938. Class 21.

Universal Plastics Corp., New Brunswick, N. J. Receptacles. 358,424; July 12; Serial No. 402,492; published May 3, 1938. Class 2.

Vapo Gas Corporation, San Antonio, Tex. Liquefied petroleum gas pressure tanks. 358,369; July 12; Serial No. 388,159; published May 3, 1938. Class 2.

Waldes & Company of Austria, as assignee, by mesne assignments, of Waldes & Company of New Jersey, New York, N. Y., assignor, by mesne assignments, to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Snap-fasteners and placket-fasteners. 122,555; renewed Aug. 20, 1938.

Waterbury Clock Company, Waterbury, Conn. Clocks and watches. 358,481; July 12. Class 27.

Weber, Abraham, to Weber Oil Company, Inc., New York, N. Y., successor. Polishing and cleaning compound. 121,367; renewed Apr. 23, 1938.

Webster, F. S., Company, Cambridge, Mass. Carbon paper. 358,439; July 12; Serial No. 403,107; published May 3, 1938. Class 11.

West Texas Cottonoil Co., Abilene, Tex. Field and garden seeds for planting purposes. 358,440; July 12; Serial No. 403,154; published May 3, 1938. Class 1.

Western Machinery Company, San Francisco, Calif. Classifiers; thickeners; agitators; etc. 358,388; July 12; Serial No. 396,378; published May 3, 1938. Class 23.

Wil-Meyer Co. (See Heggemeyer, William.)

LIST OF REGISTRANTS OF LABELS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Beans. (For Kosher Beans. 51,447; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lemon Drops. For Lemon Drops. 51,448; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lemon Drops (Free Sample). For Lemon Drops. 51,449; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lime Drops. For Lime Drops. 51,450; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lime Drops (Free Sample). For Lime Drops. 51,451; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Orange Drops. For Orange Drops. 51,452; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Orange Drops (Free Sample). For Orange Drops. 51,453; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints. For Mints. 51,454; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints (Free Sample). For Mints. 51,455; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints. For Mints. 51,456; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints (Free Sample). For Mints. 51,457–8; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints. For Mints. 51,459; July 12.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints (Free Sample). For Mints. 51,460; July 12.

Bird & Son, Inc., East Walpole, Mass. Phyllis Brand. For Cartons. 51,461; July 12.

Bird & Sons, Inc., East Walpole, Mass. Graceful Arch. For Cartons. 51,462; July 12.

Brown, John, Ossining, N. Y. Browns Hickory Smoked Turkey. For Hickory Smoked and Broiled Turkey. 51,463; July 12.

Bundy Bros., Milling Co., Medora, Ind. Vital-Ade Balancer. For a Live Stock and Poultry Supplement. 51,464; July 12.

Butt, H. E., Grocery Company, Harlingen, Tex. H. E. B. For Canned Spinach. 51,465; July 12.

California and Hawaiian Sugar Refining Corporation, Limited, doing business as California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. C and H Sugar Pure Cane Berry Granulated. For Sugar. 51,466; July 12.

California Fruit Growers Exchange, Los Angeles, Calif. Exchange Fruit Pectin. For Prepared Fruit Pectin. 51,467; July 12.

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 51,468; July 12.

Consolidated Dairy Products Company, Inc., Long Island City, N. Y. Nut Pop. For Ice Cream Confections. 51,469–70; July 12.

Eagle Lock Company, Terryville, Conn. Screwy. For Score Pads. 51,471; July 12.

Embossing Company, The, Albany, N. Y. Carento. For a Game. 51,472; July 12.

Fair, Ina P., doing business as Presto Beauty Products, Detroit, Mich. Nature's Rejuvenation Massage Cream. For Massage Cream. 51,473; July 12.

Fair, Ina P., doing business as Presto Beauty Products, Detroit, Mich. Nature's Rejuvenation Massage Oil. For Massage Oil. 51,474; July 12.

Federal Composition & Paint Company, Inc., The, New York, N. Y. Old Mariners Deck Enamel Waterproof. For Waterproof Deck Enamel. 51,475; July 12.

Federal Composition & Paint Company, Inc., The, New York, N. Y. Federal Yatch Paints. For Liquid Paints. 51,476; July 12.

Irwin, Lawrence, Wisconsin Rapids, Wis. Irwin Cough Syrup for Bronchial Coughs and Lung Colds. For Cough Syrup. 51,477; July 12.

Ivorycraft Co., Inc., Long Beach City, N. Y. The Ancient Game of the Mandarins. For a Game. 51,478; July 12.

Karl's, Mrs., Bakeries, Inc., Milwaukee, Wis. Mrs. Karl's Home Science White Bread. For White Bread. 51,479; July 12.

Leewood Fabrics, Inc., doing business as Leewood Fabrics, New York, N. Y. Genuine Bachari. For a Tweed Fabric. 51,480; July 12.

Lockport Brewing Co., Lock Haven, Pa. Old German Brand. For Beer. 51,481; July 12.

Loeb, H. A., & Co., Chicago, Ill. Miss America Human Hair Net. For Hair Nets. 51,482; July 12.

Manlove, William E., doing business as Manlove's Laboratories, Norfolk, Va. Manlove's S-P-K for Headaches Speedy-Pleasant-Kind. For Headache Powders. 51,483; July 12.

Marta Cigar Company, New York, N. Y. 359. For Cigars. 51,484; July 12.

Menasha Products Company, Menasha, Wis. Menasha Sliced Bread. For Bread. 51,485; July 12.

Menasha Products Company, Menasha, Wis. Purity Donuts. For Doughnuts. 51,486; July 12.

Manasha Products Company, Menasha, Wis. Holsum Cake. For Cake. 51,487; July 12.

Menasha Products Company, Menasha, Wis. Menasha Ice Cream. For Ice Cream. 51,488; July 12.

Menasha Products Company, Menasha, Wis. Delicious Menasha Ice Cream. For Ice Cream. 51,489; July 12.

Menasha Products Company, Menasha, Wis. Delicious Ice Cream. For Ice Cream. 51,490; July 12.

Menasha Products Company, Menasha, Wis. Menasha Ice Cream. For Ice Cream. 51,491; July 12.

Menasha Products Company, Menasha, Wis. Menasha Butter. For Butter. 51,492; July 12.

Menasha Products Company, Menasha, Wis. Wigwam Doughnuts. For Doughnuts. 51,493; July 12.

Menasha Products Company, Menasha, Wis. Menasha Ice Cream. For Ice Cream. 51,494–5; July 12.

Menasha Products Company, Menasha, Wis. Doughnuts. For Doughnuts. 51,496; July 12.

Menasha Products Company, Menasha, Wis. Hatton Maid Butter. For Butter. 51,497; July 12.

Menasha Products Company, Menasha, Wis. Churnmaid Oleomargarine. For Oleomargarine. 51,498; July 12.

Nourse Oil Co., Kansas City, Mo., and Kansas City, Kans. Premium Motor Oil. For Motor Oil. 51,499; July 12.

O-Cedar Corp'n, Chicago, Ill. O-So-Eazy Furniture Polish. For Furniture Polish. 51,500; July 12.

O-Cedar Corp'n, Chicago, Ill. Auto Polish and Cleaner. For an Automobile Polish and Cleaner. 51,501; July 12.

Pepe-Maisano Co., The, New Haven, Conn. Maisano. For Pure Tomato Paste. 51,502; July 12.

Pinault Laboratories, West Warwick, R. I. Pro-Tek. For a Latherless Shaving Cream. 51,503; July 12.

Pop-O-Products, Inc., Chicago, Ill. Pop–O-Tenderised French Fried Pop Corn. For Pop Corn. 51,504; July 12.

Presto Beauty Products. (See Fair, In P.)

Robertson, D. N., St. Louis, Mo. Miss St. Louis Popcorn. For Pop-Corn. 51,505; July 12.

Standard Brands Incorporated, New York, N. Y. Royal. For Butterscotch Pudding. 51,506; July 12.

Stanton Brewery Inc., The, Troy, N. Y. Stanton Giant. For Ale. 51,507; July 12.

Sterling Gum Co. Inc., New York, N. Y. Peppermint Flavored Sterling Gum. For Peppermint Flavored Gum. 51,508–9; July 12.

Tobacco By-Products & Chemical Corporation (Incorporated), Louisville, Ky. Black Leaf 40. For Nicotine Sulphate. 51,510; July 12.

Tobacco By-Products & Chemical Corporation (Incorporated), Louisville, Ky. Nico-Fume Liquid. For Highly Refined Solution of "Free" Nicotine. 51,511; July 12.

Tobacco By-Products & Chemical Corporation, Louisville, Ky. Vapo-Fume Insecticide. For Special Nicotine Compound Used as an Insecticide. 51,512; July 12.

Union Oil Company of California, Los Angeles, Calif. Stop Rust for Automotive Cooling Systems. For a Product for Automotive Cooling Systems. 51,513; July 12.

United Distributors, Inc., Louisville, Ky. Burnease. For an External Emollient for Burns and Sunburn. 51,514; July 12.

Virginia Dare Extract Company, Inc., Brooklyn, N. Y. Barsour. For a Blend of Fruit Acids and Lemon Flavor Emulsified. 51,515; July 12.

Welwood, John C., Corporation, New York, N. Y. Pak-Rite Ribbons. For Ribbons. 51,516; July 12.

Wilbourn, Robt., Morgantown, W. Va. Banc-Nyte Potatoes. For Potatoes. 51,517; July 12.

LIST OF REGISTRANTS OF PRINTS

General Mills, Inc., Minneapolis, Minn. Jack Armstrong Shipwrecked. For Cereal Food. 16,931; July 12.

General Mills, Inc., Minneapolis, Minn. If You Want the Tops . . . Try a Breakfast of Champions. For Cereal Food. 16,932; July 12.

Hershey Chocolate Corporation, Hershey, Pa. Hershey's Bitter-Sweet. For Bitter-Sweet Chocolate Bars. 16,933; July 12.

Hills Bros., San Francisco, Calif. No Man Can Make a Good Coat With Bad Cloth. For Coffee. 16,934; July 12.

Hills Bros., San Francisco, Calif. The Correct Grind—Adform 188. For Coffee. 16,935; July 12.

Jackson, H. G., Chicago, Ill. Indian Mystery Stick. For a Novelty. 16,936; July 12.

Missouri Portland Cement Company, St. Louis, Mo. Concrete Mixes. For Portland Cement. 16,937; July 12.

Thomson, S. H., Manufacturing Company, The, Dayton, Ohio. A Life Saver on a Dark Night. For Search Lights. 16,938; July 12.

Wyman, Guy A., Wausau, Wis. Pena-Lite. For Photography. 16,939; July 12.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Blue Diamond Coal Company. 122,428; renewed Aug. 20, 1938.

Seeds, Flower. Germain Seed & Plant Company. 358,429; July 12; Serial No. 402,723; published Apr. 26, 1938.

Seeds for planting purposes, Field and garden. West Texas Cottonoil Co. 358,440; July 12; Serial No. 403,154; published May 3, 1938.

CLASS 2

Boxes, Locker. Lincoln Locker Corporation. 358,472; July 12.

Receptacles. Universal Plastics Corp. 358,424; July 12; Serial No. 402,492; published May 3, 1938.

Stands, Corrugated paper merchandise display. Hinde & Dauche Paper Company. 358,426; July 12; Serial No. 402,630; published May 3, 1938.

Tanks, Liquefied petroleum gas pressure. Vapo Gas Corporation. 358,369; July 12; Serial No. 388,159; published May 3, 1938.

CLASS 3

Handbags, Ladies'. Lesco Ltd. 358,465; July 12; Serial No. 404,255; published May 3, 1938.

Trunks, Dress-suitcases, handbags, etc. Seattle Luggage Corporation. 358,373; July 12; Serial No. 390,423; published May 18, 1937.

CLASS 4

Cleaner and polish, Liquid glass. W. Heggemeyer. 358,432; July 12; Serial No. 402,818; published May 3, 1938.

Preparations for cleaning artificial dentures. I. Putnam, Inc. 358,453; July 12; Serial No. 403,707; published May 3, 1938.

Soap, Toilet. James S. Kirk & Company. 123,723; renewed Dec. 3, 1938.

CLASS 6

Digestive tablet. Scott & Bowne. 122,747; renewed Sept. 10, 1938.

Preparation for the treatment of colds, coughs, la grippe, etc. V. M. Anderson. 123,686; renewed Dec. 3, 1938.

CLASS 7

Rope and binder twine. Hooven & Allison Company. 358,392–3; July 12; Serial Nos. 381,160–1; published Dec. 7, 1937.

CLASS 10

Fertilizer. Chickamauga Fertilizer Works. 122,190; renewed July 9, 1938.

CLASS 11

Carbon paper. F. S. Webster Company. 358,439; July 12; Serial No. 403,107; published May 3, 1938.
Carbon-papers, type-writer ribbons, and printing and writing inks. Caribonum Company Limited. 122,187; renewed July 9, 1938.

CLASS 12

Carbon black, prepared. Binney & Smith Co. 358,400; July 12; Serial No. 400,081; published Feb. 1, 1938.

CLASS 13

Bolts, Stud. Moorlane, Company. 358,428; July 12; Serial No. 402,692; published May 3, 1938.
Nails and tacks. United Shoe Machinery Corporation. 123,174; renewed Oct. 15, 1938.
Nozzles and play-pipes. American La France Fire Engine Co. 123,079; renewed Oct. 15, 1938.
Pipe and steel tubing, Steel. Clayton Mark & Company. 358,370; July 12; Serial No. 389,141; published May 3, 1938.
Springs and springs, Door. M. Teitelbaum. 358,394; July 12; Serial No. 398,222; published May 3, 1938.
Valves, Vacuum relief. Kindlund & Drake. 358,444; July 12; Serial No. 403,212; published May 3, 1938.

CLASS 14

Alloy, Cast iron. Sparta Foundry Company. 358,464; July 12; Serial No. 404,062; published Apr. 26, 1938.
Steel bars, Carbon and alloy. A. B. Betz. 358,466; July 12, 1938.
Steel, Hot work. Kloster Steel Corporation. 358,441; July 12; Serial No. 403,180; published May 3, 1938.

CLASS 16

Calcimines and cold water paints. I. F. Laucks, Inc. 358,454; July 12; Serial No. 403,728; published May 3, 1938.
Lacquers, varnishes, paints. Redmanol Chemical Products Co. 121,949; renewed June 11, 1938.
Paint, flat paint, paint enamels, etc., House. Foss & Company. 358,416; July 12; Serial No. 401,382; published May 3, 1938.
Paint, Ready mixed. Frisch & Co. 358,459; July 12; Serial No. 403,863; published May 3, 1938.
Paints and powder formed paints, varnish, etc., Ready mixed. Metallic Coatings, Inc. 358,389–90; July 12; Serial Nos. 396,500–1; published May 3, 1938.
Polish, Automobile. O. C. Baltz. 358,395; July 12; Serial No. 398,384; published Nov. 30, 1937.
Polishing and cleaning compound. A. Weber. 121,367; renewed Apr. 23, 1938.
Varnish. John W. Masury & Son. 123,622; renewed Nov. 19, 1938.
Varnishes, enamels, and varnish-stains. Murphy Varnish Company. 121,924; renewed June 11, 1938.

CLASS 17

Tobacco. Bendixen Tobacco Company. 358,434; July 12; Serial No. 402,931; published May 3, 1938.
Tobacco, Smoking and chewing. R. R. Tobin. 358,450; July 12; Serial No. 403,433; published May 3, 1938.

CLASS 21

Communicating apparatus, Inter-office. Central Communication Devices, Inc. 358,398; July 12; Serial No. 399,440; published May 3, 1938.
Cooker, Electric. U. S. Manufacturing Corporation. 358,374; July 12; Serial No. 390,758; published May 3, 1938.
Insulators, Electric. General Ceramics Company. 358,417; July 12; Serial No. 401,433; published May 3, 1938.
Lamps and electric generators, Bicycle electric. Hudson Steel & Tube Corp. 358,427; July 12; Serial No. 402,632; published May 3, 1938.
Sockets, plugs, motors, etc., Electrical. Ralco Manufacturing Company. 123,644; renewed Nov. 19, 1938.

CLASS 22

Fish lures. W. J. Lauer. 358,378; July 12; Serial No. 393,334; published May 3, 1938.
Games. A. R. Cooney. 358,461; July 12; Serial No. 403,993; published May 3, 1938.
Top, Spinning. N. Laing. 358,452; July 12; Serial No. 403,699; published May 3, 1938.

CLASS 23

Classifiers, thickeners, agitators, etc. Western Machinery Company. 358,388; July 12; Serial No. 396,378; published May 3, 1938.
Excavating machines or cranes. Insley Manufacturing Corporation. 358,401; July 12; Serial No. 400,345; published Mar. 15, 1938.
Hammers, Hand. Duro Metal Products Company. 358,471; July 12.
Machine for writing on metals. William Brewster Company. 123,544; renewed Nov. 19, 1938.
Pumps, Centrifugal. American-La France-Foamite Corporation. 358,458; July 12; Serial No. 403,809; published May 3, 1938.

CLASS 26

Film, Sensitized photographic. Agfa Ansco Corporation. 358,422; July 12; Serial No. 402,166; published May 3, 1938.
Ophthalmic mountings and parts thereof. American Optical Company. 358,478; July 12.
Photographic apparatus. "Eumig" Elektrizitäts- und Metallwaren-Industrie. 358,411; July 12; Serial No. 401,213; published May 3, 1938.
Strap-bracelets, Metallic wrist watch. Bruner-Ritter, Inc. 358,470; July 12.

CLASS 27

Clocks and watches. Waterbury Clock Company. 358,481; July 12.
Watches, watch-cases, and watch-movements. Adolphe Schwob, Inc. 122,528; renewed Aug. 20, 1938.

CLASS 29

Powder puff. Jeanette Powder Puffs, Inc. 358,365; July 12; Serial No. 371,923; published Feb. 18, 1936.

CLASS 31

Refrigerators. Tennessee Furniture Corporation. 358,467; July 12.

CLASS 32

Blinds, Venetian. Adjusta-Lite Venetian Blind Company. 358,442; July 12; Serial No. 403,191; published May 3, 1938.
Furniture, Household. Roman Furniture Corporation. 358,488; July 12.
Racks, Merchandise display. Minneapolis Paper Co. 358,431; July 12; Serial No. 402,790; published May 3, 1938.

CLASS 33

Bottles, Glass. Scurlock Kontanerette Corporation. 358,387; July 12; Serial No. 396,047; published May 3, 1938.

CLASS 34

Burners, furnaces, and heating chambers, Industrial. Combustrol Equipment Co., Inc. 358,385; July 12; Serial No. 395,660; published May 3, 1938.
Ranges, Cooking. National Enameling and Stamping Company. 358,399; July 12; Serial No. 399,457; published May 3, 1938.

CLASS 35

Hose, Rubber-lined cotton-fabric. American La France Fire Engine Co. 123,774; renewed Dec. 10, 1938.

CLASS 37

Cellulose material in sheet form. Pervel Corporation. 358,397; July 12; Serial No. 399,327; published May 3, 1938.
Charts. I. Caesar. 358,423; July 12; Serial No. 402,215; published May 3, 1938.
Labels, tickets, and tags, Paper. American Tag Company. 358,406; July 12; Serial No. 400,677; published May 3, 1938.
Material of paper for the formation of displays, Sheet. Reyburn Manufacturing Company. 358,437; July 12; Serial No. 402,986; published May 3, 1938.
Paper and stationery. R. P. Andrews Paper Company. 123,685; renewed Dec. 3, 1938.
Paper, Correspondence and writing. Paragon Oil Company. 358,372; July 12; Serial No. 390,235; published May 3, 1938.
Paper, Corrugated. Hinde & Dauch Paper Company. 358,448; July 12; Serial No. 403,314; published May 3, 1938.
Paper, Typewriter and printing. Eastern Manufacturing Company. 358,425; July 12; Serial No. 402,558; published May 3, 1938.
Wallpaper and decorative papers. Metaphane Inc. 358,445; July 12; Serial No. 403,216; published May 3, 1938.

CLASS 38

Newspaper. Home News Publishing Company. 358,404; July 12; Serial No. 400,643; published Feb. 8, 1938.
Newspaper-section. James McClatchy Co. 123,257; renewed Oct. 22, 1938.
Publication. M. Ackerman. 123,772; renewed Dec. 10, 1938.

CLASS 39

Apparel, Wearing. Levi Strauss & Co. 358,413; July 12; Serial No. 401,264; published Feb. 22, 1938.
Coats and suits, Ladies'. Pearl Garment Corp. 358,475; July 12.
Coats and suits, Women's and misses'. Gordon V. Lyons, Inc. 358,477; July 12.

Coats, suits, dresses, etc. Del Monte-Hickey Company. 358,457; July 12; Serial No. 403,758; published May 3, 1938.
Coats, suits, dresses, etc. Del Monte-Hickey Company. 358,473–4; July 12.
Coats, Women's, misses', juniors', and children's. Nelda Coats, Inc. 358,382; July 12; Serial No. 395,078; published Sept. 14, 1937.
Hats, Felt. No Name Hat Manufacturing Company. 122,035; renewed June 18, 1938.
Hosiery. Louis Hirsch Textile Machines, Inc. 358,447; July 12; Serial No. 403,232; published May 3, 1938.
Pajamas, Men's. Lubin-Weeker Co. 358,409; July 12; Serial No. 401,064; published Feb. 22, 1938.
Shirts, Dress. Ideal Shirt Co. 123,245; renewed Oct. 22, 1938.
Suits. Eagle Clothes. 358,482–3; July 12.
Suits. Levy Bros. & Adler Rochester, Incorporated. 358,449; July 12; Serial No. 403,369; published May 3, 1938.
Suits and ski suits, Girls' snow. Little Marjorie Coat Company. 358,408; July 12; Serial No. 401,027; published May 3, 1938.
Suits, topcoats, and overcoats, Men's. J. L. Hudson Company. 358,476; July 12.
Underwear. Church of Jesus Christ of Latter-day Saints. 358,414; July 12; Serial No. 401,332; published May 3, 1938.
Vests, Ladies' sleeveless button. Thurman Manufacturing Company. 358,484; July 12.

CLASS 40

Fasteners and placket-fasteners, Snap. Waldes & Company of Austria. 122,555; renewed Aug. 20, 1938.
Pins, Safety. Consolidated Safety Pin Co. 123,428; renewed Nov. 12, 1938.

CLASS 42

Cotton piece goods. Astrup Company. 358,438; July 12; Serial No. 403,069; published May 3, 1938.
Cotton piece goods and cotton dress goods. Wm. Simpson, Sons & Co. 122,750; renewed Sept. 10, 1938.
Fabric of metal core yarn, Woven. Colvinex Corporation. 358,456; July 12; Serial No. 403,756; published May 3, 1938.
Fabrics. M. Meyer. 358,384; July 12; Serial No. 395,174; published May 3, 1938.
Fabrics, Corduroy. Crompton Company. 358,462; July 12; Serial No. 403,996; published May 3, 1938.
Fabrics of sateen, Drapery. Charles Bloom, Inc. 358,460; July 12; Serial No. 403,901; published May 3, 1938.
Fabrics, Printed. Gottschalk & Co. 358,407; July 12; Serial No. 400,908; published May 3, 1938.
Piece goods. S. Swartz. 358,451; July 12; Serial No. 403,481; published May 3, 1938.
Piece goods and upholstery and draperies made therefrom. Titus Blatter & Company. 358,412; July 12; Serial No. 401,230; published May 3, 1938.
Woolen piece goods. Parker, Wilder & Co. 358,463; July 12; Serial No. 404,013; published May 3, 1938.

CLASS 44

Prophylactic rubber articles. M. E. Proctor. 358,433; July 12; Serial No. 402,916; published May 3, 1938.
Respirating devices. American La France Fire Engine Co. 123,081; renewed Oct. 15, 1938.

CLASS 45

Beverages, and syrups, extracts, and flavors used in making the same. G. N. Slaughter. 358,487; July 12.
Beverages, particularly pop. Wm. Scheele & Sons Co. 358,381; July 12; Serial No. 394,956; published Nov. 9, 1937.
Extracts and syrups. Isrin Oliver Corporation. 358,403; July 12; Serial No. 400,601; published May 3, 1938.

CLASS 46

Bakery products. National Biscuit Company. 358,436; July 12; Serial No. 402,983; published May 3, 1938.
Candies, crackers, and cookies. Johnson Biscuit Company. 121,904; renewed June 11, 1938.
Candy. Brock Candy Company. 358,368; July 12; Serial No. 387,733; published Mar. 9, 1937.
Canned asparagus. Rochelle Asparagus Company. 358,446; July 12; Serial No. 403,225; published May 3, 1938.
Canned fruits and canned fruit juices. Hearst Sunical Land and Packing Corporation. 358,479; July 12.
Canned fruits and canned vegetables. Mor-Pak Preserving Corporation. 358,377; July 12; Serial No. 392,809; published July 20, 1937.
Canned pineapple. Paterson, Simons & Co. Ltd. 358,455; July 12; Serial No. 403,732; published May 3, 1938.
Canned sardines. Neptune Sead Food Company. 121,932; renewed June 11, 1938.
Caponata petronciane; and palermo. V. Sabella & Co. 358,485; July 12.
Cherries, peaches, plums, etc. California Fruit Exchange. 123,687; renewed Dec. 3, 1938.
Coffee. E. B. Millar & Company. 123,740; renewed Dec. 3, 1938.
Coffee in cans. Duncan Coffee Company. 123,701; renewed Dec. 3, 1938.
Coffee substitute. A. Leon. 358,410; July 12; Serial No. 401,096; published May 3, 1938.
Compound used in the preparation of jellies and desserts. James A. McAteer & Sons Inc. 122,029; renewed June 18, 1938.
Flour, Wheat. Colorado Milling & Elevator Company. 123,569; renewed Nov. 19, 1938.
Flour, Wheat. Omaha Flour Mills Co. 123,380; renewed Oct. 29, 1938.
Food for poultry, cattle, hogs, etc. M. L. Christian. 358,391; July 12; Serial No. 397,355; published May 3, 1938.
Fruits, Fresh citrus. Golden West Citrus Association. 123,708–10; renewed Dec. 3, 1938.
Fruits, Fresh citrus. San Joaquin Fruit Co. 123,063; renewed Oct. 8, 1938.
Gum, Chewing. Gumakers of America, Inc. 358,435; July 12; Serial No. 402,973; published Apr. 26, 1938.
Ice cream, sherbets. L. A. Corning. 358,443; July 12; Serial No. 403,199; published May 3, 1938.
Mixes for cake mixing, Prepared. P. Duff & Sons, Inc. 358,430; July 12; Serial No. 402,771; published May 3, 1938.
Pickle relish and pickles. Hurlburt Bros. Co. 358,379; July 12; Serial No. 394,537; published Jan. 25, 1938.
Pickles. California Conserving Company. 358,419; July 12; Serial No. 401,648; published Feb. 22, 1938.
Poultry, dressed rabbits, and eggs, Dressed. C. E. Grimes. 358,480; July 12.
Sugar. Pure Cane Sugar Company. 358,396; July 12; Serial No. 399,109; published Feb. 1, 1938.

CLASS 47

Wines. S. Sands. 358,371; July 12; Serial No. 389,851; published May 3, 1938.
Wines, Champagne. Maison de Venoge Société Anonyme. 358,402; July 12; Serial No. 400,349; published May 3, 1938.
Vermouth. Distillerie Stock S. A. 358,375; July 12; Serial No. 391,855; published May 3, 1938.
Vermouth. Distillerie Stock S. A. 358,376; July 12; Serial No. 392,314; published May 3, 1938.

CLASS 48

Beers of any kind. Jan Gotz Okocimski Browar i Zakłady Przemysłowe S. A. 358,383; July 12; Serial No. 395,170; published May 3, 1938.

CLASS 49

Cordials and liqueurs, Alcoholic. Arrow Distilleries, Inc. 358,366; July 12; Serial No. 376,028; published Apr. 21, 1936.
Brandy. Arbouin Marett & Co. 358,420; July 12; Serial No. 402,049; published May 3, 1938.
Whiskey. A. Ph. Stitzel, Inc. 358,468–9; July 12.
Whiskey, gin, brandy, etc. Majestic Distilling Company. 358,486; July 12.
Whisky. Evans Marshall & Company Limited. 358,380; July 12; Serial No. 394,936; published May 3, 1938.

CLASS 50

Caps, Closure. Anchor Cap & Closure Corporation. 358,367; July 12; Serial No. 381,651; published May 3, 1938.
Felt products. Crown Products Corporation. 358,418; July 12; Serial No. 401,517; published May 3, 1938.
Fly catcher, Ribbon. Honey-Web Inc. 358,405; July 12; Serial No. 400,645; published May 3, 1938.
Monuments, headstones, etc., Cemetery. Cold Spring Granite Company. 358,386; July 12; Serial No. 395,902; published Jan. 4, 1938.
Rods, sheets, and tubes of hard rubber. American Hard Rubber Company. 358,421; July 12; Serial No. 402,079; published May 3, 1938.
Waterproof and water repellent fabrics. Electro-Technical Products, Inc. 358,415; July 12; Serial No. 401,376; published May 3, 1938.

LIST OF LABELS

Auto Polish and Cleaner. For an Automobile Polish and Cleaner. O-Cedar Corp'n. 51,501; July 12.
Banc-Nyte Potatoes. For Potatoes. R. Wilbourn. 51,517; July 12.
Barsour. For a Blend of Fruit Acids and Lemon Flavor Emulsified. Virginia Dare Extract Company: 51,515; July 12.
Beech-Nut Beans. For Kosher Beans. Beech-Nut Packing Company. 51,447; July 12.
Beech-Nut Lemon Drops. For Lemon Drops. Beech-Nut Packing Company. 51,448; July 12.
Beech-Nut Lemon Drops (Free Sample). For Lemon Drops. Beech-Nut Packing Company. 51,449; July 12.
Beech-Nut Lime Drops. For Lime Drops. Beech-Nut Packing Company. 51,450; July 12.
Beech-Nut Lime Drops (Free Sample). For Lime Drops. Beech-Nut Packing Company. 51,451; July 12.
Beech-Nut Mints. For Mints. Beech-Nut Packing Company. 51,454; July 12.
Beech-Nut Mints. For Mints. Beech-Nut Packing Company. 51,456; July 12.
Beech-Nut Mints. For Mints. Beech-Nut Packing Company. 51,459; July 12.
Beech-Nut Mints (Free Sample). For Mints. Beech-Nut Packing Company. 51,455; July 12.
Beech-Nut Mints (Free Sample). For Mints. Beech-Nut Packing Company. 51,457–8; July 12.
Beech-Nut Mints (Free Sample). For Mints. Beech-Nut Packing Company. 51,460; July 12.
Beech-Nut Orange Drops. For Orange Drops. Beech-Nut Packing Company. 51,452; July 12.
Beech-Nut Orange Drops (Free Sample). For Orange Drops. Beech-Nut Packing Company. 51,453; July 12.
Black Leaf 40. For Nicotine Sulphate. Tobacco By-Products & Chemical Corporation (Incorporated). 51,510; July 12.
Browns Hickory Smoked Turkey. For Hickory Smoked and Broiled Turkeys. J. Brown. 51,463; July 12.
Burneaze. For an External Emollient for Burns and Sunburn. United Distributors, Inc. 51,514; July 12.
C and H Sugar Pure Cane Berry Granulated. For Sugar. California and Hawaiian Sugar Refining Corporation. 51,466; July 12.
Carento. For a Game. Embossing Company. 51,472; July 12.
Churnmaid Oleomargarine. For Oleomargarine. Menasha Products Company. 51,498; July 12.
Delicious Ice cream. For Ice Cream. Menasha Products Company. 51,490; July 12.
Delicious Menasha Ice Cream. For Ice Cream. Menasha Products Company. 51,489; July 12.
Doughnuts. For Doughnuts. Menasha Products Company. 51,496; July 21.
Exchange Fruit Pectin. For Prepared Fruit Pectin. California Fruit Growers Exchange. 51,467; July 12.
Federal Yacht Paints. For Liquid Paints. Federal Composition & Paint Company. 51,476; July 12.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 51,468; July 12.
Genuine Bachari. For a Tweed Fabric. Leewood Fabrics, Inc. 51,480; July 12.
Graceful Arch. For Cartons. Bird & Son, Inc. 51,462; July 12.
H. E. B. For Canned Spinach. H. E. Butt Grocery Company. 51,465; July 12.
Hatton Maid Butter. For Butter. Menasha Products Company. 51,497; July 12.
Holsum Cake. For Cake. Menasha Products Company. 51,487; July 12.
Irwin Cough Syrup for Bronchial Coughs and Lung Colds. For Cough Syrup. L. Irwin. 51,477; July 12.
Maisano. For Pure Tomato Paste. Pepe-Maisano Co. 51,502; July 12.
Manlove's S-P-K for Headaches Speedy—Pleasant—Kind. For Headache Powders. W. E. Manlove. 51,483; July 12.
Menasha Butter. For Butter. Menasha Products Company. 51,492; July 12.
Menasha Ice Cream. For Ice Cream. Menasha Products Company. 51,488; July 12.
Menasha Ice Cream. For Ice Cream. Menasha Products Company. 51,491; July 12.
Menasha Ice Cream. For Ice Cream. Menasha Products Company. 51,494–5; July 12.
Menasha Sliced Bread. For Bread. Menasha Products Company. 51,485; July 12.
Miss America Human Hair Net. For Hair Nets. H. A. Loeb & Co. 51,482; July 12.
Miss St. Louis Popcorn. For Pop-Corn. D. N. Robertson. 51,505; July 12.
Mrs. Karl's Home Science White Bread. For White Bread. Mrs. Karl's Bakeries, Inc. 51,479; July 12.
Nature's Rejuvenation Massage Cream. For Massage Cream. I. P. Fair. 51,473; July 12.
Nature's Rejuvenation Massage Oil. For Massage Oil. I. P. Fair. 51,474; July 12.
Nico-Fume Liquid. For Highly Refined Solution of "Free" Nicotine. Tobacco By-Products & Chemical Corporation (Incorporated). 51,511; July 12.
Nut Pop. For Ice Cream Confections. Consolidated Dairy Products Company. 51,469–7; July 12.
Old German Brand. For Beer. Lockport Brewing Co. 51,481; July 12.
Old Mariners Deck Enamel Waterproof. For Waterproof Deck Enamel. Federal Composition & Paint Company. 51,475; July 12.
O-So-Ezy Furniture Polish. For Furniture Polish. O-Cedar Corp'n. 51,500; July 12.
Pak-Rite Ribbons. For Ribbons. John C. Welwood Corporation. 51,516; July 12.
Peppermint Flavored Sterling Gum. For Peppermint Flavored Gum. Sterling Gum Co. Inc. 51,508–9; July 12.
Phyllis Brand. For Cartons. Bird & Son, Inc. 51,461; July 12.
Pop-O-Tenderized French Fried Pop Corn. For Pop Corn. Pop-O-Products, Inc. 51,504; July 12.
Premium Motor Oil. For Motor Oil. Nourse Oil Co. 51,499; July 12.
Pro-Tek. For a Latherless Shaving Cream. Pinault Laboratories. 51,503; July 12.
Purity Donuts. For Doughnuts. Menasha Products Company. 51,486; July 12.
Royal. For Butterscotch Pudding. Standard Brands Incorporated. 51,506; July 12.
Screwy. For Score Pads. Eagle Lock Company. 51,471; July 12.
Stanton Giant. For Ale. Stanton Brewery Inc. 51,507; July 12.
Stop Rust for Automotive Cooling System. For a Product for Automotive Cooling Systems. Union Oil Company of California. 51,513; July 12.
The Ancient Game of the Mandarins. For a Game. Ivorycraft Co. 51,478; July 12.
359. For Cigars. Marta Cigar Company. 51,484; July 12.
Vapo-Fume Insecticide. For Special Nicotine Compound Used as an Insecticide. Tobacco By-Products & Chemical Corporation (Incorporated). 51,512; July 12.
Vital-Ade Balancer. For a Live Stock and Poultry Supplement. Bundy Bros. Milling Co. 51,464; July 12.
Wigwam Doughnuts. For Doughnuts. Menasha Products Company. 51,493; July 12.

LIST OF PRINTS

A Life Saver on a Dark Night. For Search Lights. S. H. Thomson Manufacturing Company. 16,938; July 12.
Concrete Mixes. For Portland Cement. Missouri Portland Cement Company. 16,937; July 12.
Hershey's Bitter-Sweet. For Bitter-Sweet Chocolate Bars. Hershey Chocolate Corporation. 16,933; July 12.
If You Want the Tops . . . Try a Breakfast of Champions. For Cereal Food. General Mills, Inc. 16,932; July 12.
Indian Mystery Stick. For a Novelty. H. G. Jackson. 16,936; July 12.
Jack Armstrong Shipwrecked. For Cereal Food. General Mills, Inc. 16,931; July 12.
No Man Can Make a Good Coat With Bad Cloth. For Coffee. Hills Bros. 16,934; July 12.
Pena-Lite. For Photography. G. A. Wyman. 16,939; July 12.
The Correct Grind—Adform 18S. For Coffee. Hills Bros. 16,935; July 12.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 12TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aktiengesellschaft Brown, Boveri & Cie. (See Noack, W. G., and Schattschneider, assignors.)
Bergstein, Edna M., et al., trustees. (See Bergstein, Robert M., assignor.)
Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Forming containers. Re. 20,789; July 12.
Blaw-Knox Company. (See Nachtman, John S., assignor.)
Bowers, Frederick M., Chester, Pa. Headgear friction joint device for welding shields. Re. 20,790; July 12.
Buettner, Raymond J., and R. A. Found, West Allis, Wis., J. M. Muntner, Chicago, J. J. Neitz, Naperville, Ill., and F. C. Zanzig, Milwaukee, Wis., assignors to Dudley Lock Corporation, Chicago, Ill. Self-closing combination lock. Re. 20,791; July 12.
Cohen, Hilda, executrix. (See Gillett, Edward H. J. C.)
Crown Fur Dyeing Corporation. (See Waag, Herman, assignor.)
Dudley Lock Corporation. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig, assignors.)
Found, Robert A. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
Gillett, Edward H. J. C., deceased, West Hempstead, London; H. Cohen, executrix, assignor to Reduction Gears Limited, London, England. Transmission system. Re. 20,792; July 12.
Hamer, James H. S., Brooklyn, N. Y., assignor to Trans-Lux Corporation. Control system. Re. 20,793; July 12.
Hey, Henry W. (See Hill, E. G., and Hey.)
Hill, Edward G., and H. W. Hey, assignors to Hill Engineering Corporation, Richmond, Va. Clutch operating device for motor vehicles. Re. 20,794; July 12.
Hill Engineering Corporation. (See Hill, E. G., and Hey, assignors.)
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener. Re. 20,795; July 12.
Muntner, Joseph M. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
Nachtman, John S., Beaver, assignor to Blaw-Knox Company, Pittsburgh, Pa. Plating steel. Re. 20,788; July 12.
Neitz, John J. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
Noack, Walter G., Baden, Switzerland, and P. M. Schattschneider, Seckenheim, Germany, assignors to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Heat exchange plant. Re. 20,796; July 12.
Potter, Frederick T., Whitinsville, assignor to Stark Tool Company, Waltham, Mass. Lathe. Re. 20,797; July 12.
Reduction Gears Limited. (See Gillett, Edward H. J. C., assignor.)
Schattschneider, Paul M. (See Noack, W. G., and Schattschneider.)
Stark Tool Company. (See Potter, Frederick T., assignor.)
Trans-Lux Corporation. (See Hamer, James H. S., assignor.)
Universal Products Company. (See Wollner, Hans, assignor.)
Waag, Herman, Neuilly sur Seine, Paris, France, assignor to Crown Fur Dyeing Corporation, New York, N. Y. Art and machine for cutting patterns into fur skins. Re. 20,798; July 12.
Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
Wollner, Hans, Detroit, Mich., assignor to Universal Products Company. Universal joint mechanism. Re. 20,799; July 12.
Zanzig, Frank C. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)

LIST OF DESIGN PATENTEES

Adlake Company, The. (See Stewart, Lemuel L., assignor.)
Aluminum Goods Manufacturing Co. (See Vits, Earl O., assignor.)
American Optical Company. (See Oker, Arne J., assignor.)
American Optical Company. (See Pratt, Arthur J., assignor.)
American Tap-Bush Company. (See Rice, Frank E., assignor.)
Arneson, Edward L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Box. 110,512; July 12.
Antkies, Jack, New York, N. Y. Textile fabric. 110,471; July 12.
Antkies, Jack, New York, N. Y. Textile fabric. 110,472; July 12.
Arenberg, Albert L., Highland Park, N. Y. Lighting fixture. 110,451; July 12.
Babcock, Alfred R., Chicago, Ill. Game apparatus. 110,473; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,452; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,453; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,454; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,455; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,456; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,457; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,458; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,459; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,460; July 12.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,461; July 12.
Benjamin, Benjamin, Freeport, N. Y. Shoe or similar article. 110,427; July 12.
Bentz, George B., New York, N. Y. Bathroom tub stool. 110,513; July 12.
Breuss, Walter F., Leonia, N. J. Lace fabric or the like. 110,474; July 12.
Breuss, Walter F., Leonia, N. J. Lace fabric or the like. 110,475; July 12.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 110,476; July 12.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 110,514; July 12.
Calderazzo, Dominick J., Brooklyn, N. Y. Slipper. 110,428; July 12.
Calderazzo, Dominick J., Brooklyn, N. Y. Slipper. 110,429; July 12.
Carpenter, Glen R., Chicago, Ill. Jar. 110,477; July 12.
Chase Brass & Copper Co. Incorporated. (See von Nessen, Walter, assignor.)
Chernow, Michael, Providence, R. I. Alphabet for forming monograms or the like. 110,478; July 12.
Cohen, Irving, New York, N. Y. Coat. 110,479; July 12.
Curtis Companies Incorporated. (See Baum, Dwight J., assignor.)
Daystrom Corporation. (See Kipp, Karl, assignor.)
Dick, Samuel H., New York, N. Y. Coat. 110,480; July 12.
Dick, Samuel H., New York, N. Y. Coat. 110,481; July 12.
Edelmann, Leo, Chicago, Ill. Hydrometer suction bulb or the like. 110,482; July 12.
Ellicott, Charles E., Jr., Baltimore, Md. Taffrail log spinner. 110,462; July 12.
Elster, Irving, New York, N. Y. Slip. 110,515; July 12.
Fassin, Gustave, Irondequoit, Monroe County, N. Y., assignor to International Radio Corporation, Ann Arbor, Mich. Photographic camera. 110,516; July 12.
Ford Motor Compay. (See Wait, Edgar F., assignor.)
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 110,483; July 12.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 110,484; July 12.
Fujii Junichi Shoten, Ltd. (See Oshima, Shigeo, assignor.)

Funke, Edward, Pelham Manor, N. Y. Display carton. 110,485; July 12.
Geis, Charles, Cincinnati, Ohio. Combination mail box and support therefor. 110,430; July 12.
General Electric Company. (See Patten, Ray, assignor.)
Glover, William A., Mentone, Ala., assignor of one-third to P. S. Steward, Chattanooga, Tenn., and one-third to P. L. Rice, Mentone, Ala. Coin holder or similar article. 110,486; July 12.
Goldman, Ralph H., New York, assignor to Hughes-Autograf Brush Co. Inc., Troy, N. Y. Brush. 110,517; July 12.
Gross-Sydney Inc. (See Kronman, Ruth, assignor.)
Hansen, William, Chicago, Ill. Display stand. 110,487; July 12.
Hike, Charles V., Bellevue, Nebr. Advertising sign. 110,488; July 12.
Hughes-Autograf Brush Co. Inc. (See Goldman, Ralph H., assignor.)
International Radio Corporation. (See Fassin, Gustave, assignor.)
Jackson, Purvis D., assignor to Motor Master Products Company, Chicago, Ill. Spark plug. 110,518; July 12.
Jaeger Company Inc., The. (See Mellen, Clara, assignor.)
Jones, Clarence M., Calhoun, Ga. Bedspread. 110,519; July 12.
Jones, Clarence M., Calhoun, Ga. Bedspread. 110,520; July 12.
Kalmus, Arnold J., New York, N. Y. Dress. 110,521; July 12.
Kaplan, Charles, et al. (See Rich, Philip, assignor.)
Kawaller, Celia, New York, N. Y. Dress. 110,522; July 12.
Kinzler, Jacob, New York, N. Y. Coat. 110,523; July 12.
Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Smoking stand. 110,463; July 12.
Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Smoking stand. 110,464; July 12.
Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Wreath. 110,465; July 12.
Kronman, Ruth, assignor to Gross-Sydney Inc., New York, N. Y. Dress. 110,524; July 12.
Kushner, Herman, New York, N. Y. Dress. 110,525; July 12.
La Lumière, Ernest J. B., Providence, R. I. Building. 110,466; July 12.
Lamport, Herbert W., assignor to J. C. Morris and J. I. Silvers, Chicago, Ill. Combination clock and calendar. 110,489; July 12.
Levin, David, New York, N. Y. Shoe. 110,431; July 12.
Lewis, Florence N., New York, N. Y. Handbag. 110,490; July 12.
Lewis, Florence N., New York, N. Y. Handbag. 110,491; July 12.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
Lo Prete, Salvatore, New York, N. Y. Coat. 110,492; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,432; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,433; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,434; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,435; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,436; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,437; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Awning bar. 110,438; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,439; July 12.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,440; July 12.
Mellen, Clara, assignor to The Jaeger Company Inc., New York, N. Y. Tennis skirt. 110,531; July 12.
Morris, Joseph C., et al. (See Lamport, Herbert W., assignor.)
Morris Paper Mills. (See Arneson, Edward L., assignor.)
Mossberg, Iver O., West Haven, assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Trigger guard for firearms. 110,526; July 12.
Mossberg, O. F., & Sons, Inc. (See Mossberg, Iver O., assignor.)
Motor Master Products Company. (See Jackson, Purvis D., assignor.)
Motor Wheel Corporation. (See Wilmet, Georges, assignor.)
Oker, Arne J., assignor to American Optical Company, Southbridge, Mass. Strain testing instrument. 110,527; July 12.
Olds, Reginald B., Los Angeles, Calif. Trombone. 110,493; July 12.
Oshima, Shigeo, assignor to Fujii Junichi Shoten, Ltd., Honolulu, Hawaii. Printed fabric. 110,494; July 12.
Owens-Illinois Pacific Coast Company. (See Steuer, Norman F., assignor.)
Patten, Ray, Bridgeport, Conn., assignor to General Electric Company. Clock case. 110,441; July 12.
Paul, Donald R., Davenport, Iowa. Cribbage board. 110,495; July 12.
Pedersen, Sophus A., Omaha, Nebr. Standing lamp. 110,496; July 12.
Pratt, Arthur J., assignor to American Optical Company, Southbridge, Mass. Case for ophthalmic mountings. 110,442; July 12.
Rhodes, Marcus H., Hartford, Conn. Dial plate. 110,529; July 12.
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Valve regulator. 110,528; July 12.
Rice, Paul L., et al. (See Glover, William L., assignor.)
Rich, Philip, Oak Park, assignor of one-third to A. Tupler and one-third to C. Kaplan, Chicago, Ill. Vending machine. 110,497; July 12.
Ritchie, Albert E., assignor to Wildroot Co., Inc., Buffalo, N. Y. Display rack. 110,498; July 12.
Ritz-Woller, Oliver C., Chicago, Ill. Casing for a vanity mirror. 110,499; July 12.
Sanders, James J., Nashville, Tenn. Pencil. 110,467; July 12.
Schmid, Albert P. (See Kranz, P., and Schmid.)
Schubart, Henry A., Ossining, N. Y. Textile fabric. 110,500; July 12.
Sexton, George A., Winchester, Mass. Can or similar container. 110,501; July 12.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,443; July 12.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,444; July 12.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,445; July 12.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,446; July 12.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,447; July 12.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,448; July 12.
Silvers, Jim I., et al. (See Lamport, Herbert W., assignor.)
Sprung, Abraham, assignor to United States Reflector Corp., New York, N. Y. Road marker. 110,468; July 12.
Srodulski, Joseph W., Chicago, Ill. Vending machine. 110,502; July 12.
Staines, Samuel E., Ridgewood, N. J. Textile fabric. 110,503; July 12.
Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Bottle. 110,504; July 12.
Steward, Paul S., et al. (See Glover, William A., assignor.)
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 110,505; July 12.
Tupler, Abe, et al. (See Rich, Philip, assignor.)
United States Reflector Corp. (See Sprung, Abraham, assignor.)
Vaughn, Sewell B., Cambridge, Mass. Combined duplex cabinet and washbasin. 110,530; July 12.
Verrecchio, Gene, Providence, R. I. Brooch or similar article. 110,469; July 12.
Vits, Earl O., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis. Steam pressure cooker. 110,506; July 12.
Von Nessen, Walter, New York, N. Y., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Dish or similar article. 110,507; July 12.
Wait, Edgar F., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Tire. 110,470; July 12.
Walker, Russell S., Duluth, Minn. Holder for candles or other articles. 110,508; July 12.
Weiner, Ben, Brookline, Mass. Shoe. 110,449; July 12.
Wertheim, Adolph, Brooklyn, N. Y. Shoe or similar article. 110,450; July 12.
Wildroot Co. (See Ritchie, Albert E., assignor.)
Wilmet, Georges, Roslyn, N. Y., assignor to Motor Wheel Corporation, Lansing, Mich. Heater. 110,509; July 12.
Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
Wilson, J. G., Corporation, The. (See Winn, John F., Jr., assignor.)
Winn, John F., Jr., Norfolk, Va., assignor to The J. G. Wilson Corporation, New York, N. Y. Window grille or similar article. 110,510; July 12.
Young, Muriel A., Grosse Pointe Park, Mich. Popcorn vending machine. 110,511; July 12.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 12TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aalborg, Christian. (See Conrad, F., Aalborg, and French.)
Ackerman, Harold S., Pontiac, Mich. Motor control valve. 2,123,519; July 12.
Acme Protection Equipment Company. (See Millard, Frederick C., assignor.)
Adjustable Louver Corporation. (See Sigal, Solomon, assignor.)
Adler, Joseph I., Chicago, Ill. Column assembly. 2,123,621; July 12.
Agfa Ansco Corporation. (See Gehrke, Friedrich W., assignor.)
Air Devices Corporation. (See Child, Lachlan W., assignor.)
Albertson & Company. (See Albertson, Frans O., assignor.)
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Sanding machine. 2,123,222; July 12.
Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,123,557; July 12.
Alexander, James N., Birmingham, Ala. Saw tooth setter. 2,123,296; July 12.
Aller, Dictinio. (See Corsico-Piccolini, H., and Aller.)
Alles, Francis P., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing same. 2,123,493; July 12.
Aligoewer, A. J., et al. (See Gorbatenko, Dimitri L., assignor.)
Allis-Chalmers Manufacturing Company. (See Pfau, Arnold, assignor.)
Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
Allyne Laboratories, Inc. (See Gruber, Edward, assignor.)
Alterman, Joseph. (See Kosman, J., and Alterman.)
Altheide, Henry C., Quincy, Ill. Scalp oiler. 2,123,558; July 12.
Amco, Incorporated. (See Morton, William A., assignor.)
American Agricultural Chemical Company, The. (See Klosky, Simon, assignor.)
American Brass Company, The. (See Silliman, Horace F., assignor.)
American Cyanamid & Chemical Corporation. (See Jaeger, A. O., and Herrlinger, assignors.)
American Flyer Manufacturing Company. (See Schumacher, Guy F., assignor.)
American Hardware Corporation. (See Morgan, Sigurd P., assignor.)
American Laundry Machinery Company, The. (See Hetzer, Russell A., assignor.)
American Lurgi Corporation. (See Göhre, Kurt R., assignor.)
American Lurgi Corporation. (See Grave, Georg, assignor.)
American Stay Company. (See Presby, Leroy Q., assignor.)
American Sundries Company. (See Lawner, N., and Duberstein, assignors.)
Andersen, Johan R., Brooklyn, N. Y. Electric sign system. 2,123,459; July 12.
Anderson, Charles R., Chicago, Ill. Display case. 2,123,394; July 12.
Anderson, Charles T., Cincinnati, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J. Orthopedic insole. 2,123,481; July 12.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Strip feeding mechanism. 2,123,350; July 12.
Anderson, Harry O., assignor to Norton Company, Worcester, Mass. Flexible coated abrasive product. 2,123,581; July 12.
Angostura Wuppermann Corporation, The. (See Kabus, Fernand, assignor.)
Antrim, Charles H., Grand Rapids, Mich. Gauge. 2,123,395; July 12.
Armstrong Whitworth Securities Company. (See Kadenacy, Michel, assignor.)
Askin, Morris W., Washington, D. C., assignor of one-half to D. Brussell, Philadelphia, Pa. Lamp shade adapter. 2,123,582; July 12.
Associated Patents, Inc. (See De Vlieg, Charles B., assignor.)
Atlantic Products Corporation. (See Cart, Theodore S., assignor.)
Atlantic Refining Company, The. (See Roberts, Oscar L., assignor.)
Atwood A. Harlow. (See Hummer, Belle B., assignor.)
Autopoint Company. (See Dell, Frank C., assignor.)
Ayars, Harry D., Philadelphia, Pa. Dispensing device. 2,123,223; July 12.
Ayers, Elmer C. (See Edwards, Cecil R., assignor.)
Baade, Brunolf C., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Louver for railway cars. 2,123,838; July 12.
Babcock, Dale F., Elmhurst, and J. H. Wernts, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making aldehydes. 2,123,520; July 12.
Babson, Edmund C. (See Jones, P. H., and Babson.)
Badger Meter Manufacturing Company. (See Miller, Jacob C., assignor.)
Baehr, Hans, and W. Gross, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of sulphur. 2,123,224; July 12.
Baginski, Paul E., New York, N. Y. Master curtain lifter. 2,123,622; July 12.
Bahelka, Joseph, Linden, N. J., assignor to Stanco, Inc. Jar cleaning machine. 2,123,594; July 12.
Baker & Co. (See Keitel, C. W., and Walsh, assignors.)
Baker, William H., Montreal, Quebec, Canada. Loom. 2,123,595; July 12.
Ball, Albert L., Lewiston Heights, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Apparatus for cutting hard substances. 2,123,705; July 12.
Ball, Arthur F., Haverhill, and G. A. Craig, assignors to Gregory & Read Wood Heel Company, Malden, Mass. Method and apparatus for operating on heels. 2,123,269; July 12.
Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Auxiliary valve structure for concrete pumps. 2,123,583; July 12.
Balsam, Maurice M., assignor to W. L. Lawson, New York, N. Y. Folding apparatus and method. 2,123,175; July 12.
Barager, Alfred T. (See La Hodny, W., and Barager.)
Barnack, Oskar, assignor to Ernst Leitz G. m. b. H., Weltzlar, Germany. Photographic camera. 2,123,494; July 12.
Barnes, Harry W., assignor to Barnes Products Incorporated, Detroit, Mich. Slicing machine. 2,123,396; July 12.
Barnes Products Incorporated. (See Barnes, Harry W., assignor.)
Barnhart, Vern A., Jester Lake, Milton, N. J. Building device. 2,123,225; July 12.
Bartmann & Bixer Inc. (See Meyer, Charles, assignor.)
Basile, Joseph, New York, assignor to Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y. Bed structure. 2,123,326; July 12.
Bausch & Lomb Optical Company. (See Smith, Joseph W., assignor.)
Becher, Wesley R. (See Biberthaler, M. G., and Becher.)
Beck, Heinz, Bremen, Germany. Arc lamp with automatic regulation of the negative electrode. 2,123,645; July 12.
Becker, Helmut, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Motion picture film container. 2,123,495; July 12.
Bedard, Roy T., Escanaba, Mich. Trailer. 2,123,559; July 12.
Bell, Dillwyn M., Oak Park, assignor to Dudley Lock Corporation, Chicago, Ill. Permutation lock. 2,123,270; July 12.
Bell Telephone Laboratories, Incorporated. (See Bieling, Carl A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Blount, Nelson, assignor.)
Bell Telephone Laboratories, Incorporated. (See Bode, Hendrik W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Carpenter, Warren W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Mallina, assignors.)
Bell Telephone Laboratories, Incorporated. (See Cramer, Walter W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fair, Irvin E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Harley, John B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thomas, Upton B., Jr., assignor.)
Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)

Benedek, Elek K., Bucyrus, Ohio. Motor suspension. 2,123,226; July 12.
Bennett, George W., Elizabeth, Pa. Pitch paint. 2,123,560; July 12.
Berg, Ragnar, Pittsburgh, Pa., assignor to Koppers Company. Coke oven door operating mechanism. 2,123,521; July 12.
Berlin, Julius. (See Stoddard, W. B., and Berlin.)
Berlin, Ludwig W. (See Kränzlein, G., Schlichenmaier, and Berlin.)
Bernhardt, Rudolph, Chicago, Ill. Spray pump. 2,123,351; July 12.
Berry, Paul F., Columbus, Ohio. Fastening device. 2,123,764; July 12.
Berry, Robert M., Sr., Uniontown, Pa. Safety device for typographical composing machines. 2,123,271; July 12.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole rounding machine. 2,123,272; July 12.
Bethlehem Steel Company. (See Feehrer, E. R., and Kuhnert, assignors.)
Betner, Benjamin C., Company. (See Koenig, John, assignor.)
Beyer, James E., Akron, and E. J. Leesman, Cincinnati, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Stock preparation method. 2,123,839; July 12.
Beynen, Laurens R., Brummen, B. M. van Dorp, Vorden, and W. van de Pol, Loenen, Veluwe, Netherlands. Preparing perforated metal articles. 2,123,297; July 12.
Biberthaler, Max G., Meriden, and W. R. Becher, Wethersfield, assignors to The Silex Company, Hartford, Conn. Strainer. 2,123,327; July 12.
Biddle, William C. (See Corbin, E. A., Jr., and Wolf, assignors.)
Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric device. 2,123,227; July 12.
Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Manufacture of reflector bulbs. 2,123,706; July 12.
Birkenbeuel, Edward B., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Underfeed stoker. 2,123,163; July 12.
Bischoff, Kurt. (See Niemann, C., and Bischoff.)
Black, Sivalls & Bryson, Inc. (See Raymond, Gwynne, assignor.)
Blanchard, Charles E., Randolph, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,123,352; July 12.
Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,123,860; July 12.
Bloch, Arthur, New York, N. Y. Wheel device. 2,123,707; July 12.
Block, Alexander E., University City, Mo. Arch supporting apparatus. 2,123,176; July 12.
Blount, Nelson, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,123,177; July 12.
Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,123,178; July 12.
Bogut, Stanley, Chicago, Ill. Automatic air brake release valve. 2,123,164; July 12.
Bohmker, John C., Kankakee, Ill. Retort for underfeed stokers. 2,123,397; July 12.
Bohn Aluminum & Brass Corporation. (See Fiegel, William J., assignor.)
Böllinger, Hanns S. W., and W. M. A. Gottschalck, Frankenthal-Pfalz, assignors to Klein, Schanzlin & Becker Aktiengesellschaft, Frankenthal, Germany. Mechanical control mechanism. 2,123,298; July 12.
Bond, Paul, Houston, Tex. Shuttle-box position selector or indicator. 2,123,561; July 12.
Borer, William J. (See George, W. E., and Borer.)
Bosch, Robert, Gesellschaft mit beschrankter Haftung. (See Callsen, Albert, assignor.)
Bowers, Leverett T., assignor of one-half to E. C. Ryer, Pasadena, Calif. Bath appliance. 2,123,398; July 12.
Bowlus, Harold G., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of 3,3'-dichlorobenzidine mineral acid salts. 2,123,710; July 12.
Brace, Kemper P., Brooklyn, N. Y. Absorber type refrigerating system with boiler feed. 2,123,708; July 12.
Brandt, Harry E., and A. Sorensen, assignors to Dobbins Manufacturing Company, North St. Paul, Minn. Hand operated seeder. 2,123,450; July 12.
Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Ball rolling game. 2,123,823; July 12.
Bridgeport Hardware Manufacturing Corporation, The. (See Windsor, John F., assignor.)
Briggs, George L., Oneida, N. Y. Drink mixer. 2,123,496; July 12.
Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
Bright, Charles G., deceased; R. E. Bright, administratrix, Appleton, assignor to Paper Patents Company, Neenah, Wis. Making washable paper. 2,123,399; July 12.
Bright, Ruth E., administratrix. (See Bright, Charles G.)
Bristow, Louis J., and F. F. Strong, Los Angeles, Calif. Therapeutic light ray apparatus. 2,123,709; July 12.
Broberg, Manfred, Kingston, N. Y. Exercising device. 2,123,765; July 12.
Broche, Hans. (See Pott, A., and Broche.)
Brockwell, S. M., et al. (See Utsman, George W., assignor.)
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Temple roll. 2,123,824; July 12.
Brown, Cecil L., Baton Rouge, La., assignor to Standard-I. G. Company. Hydrogenation catalyst and preparation and use. 2,123,623; July 12.
Brown, Otto W., Milwaukee, assignor to Wisconsin Machinery and Manufacturing Company, West Allis, Wis. Slipper-type piston blank. 2,123,165; July 12.
Brussell, David. (See Askin, Morris W., assignor.)
Bryan, Harry F., Chicago, Ill., assignor to International Harvester Company. Carburetion system for engines. 2,123,522; July 12.
Bubblestone Company, The. (See Rice, John A., assignor.)
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,123,179; July 12.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Two temperature refrigerating apparatus. 2,123,497; July 12.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,123,498; July 12.
Büche, Karl. (See Fulda, W., Wiedbrauck, and Büche.)
Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloys. 2,123,840; July 12.
Burden, George H. (See McDougal, W. H., and Burden.)
Burroughs Adding Machine Company. (See Racz, Ernest, assignor.)
Burrows, Lawton A., Wenonah, and G. A. Noddin, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric initiator. 2,123,691; July 12.
Burschkies, Hans-Wolfgang, Berlin-Lichterfelde-Ost, Germany. Apparatus for stopping internal combustion engines or the like employing oil lubrication. 2,123,460; July 12.
Burschkies, Hans-Wolfgang, Berlin-Lichterfelde-Ost, Germany. Device for stopping internal combustion engines or the like employing oil lubrication. 2,123,461; July 12.
Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Removable mount for firearm sights. 2,123,273; July 12.
Bystricky, Joseph, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,123,451; July 12.
Cain, Louis S., Honolulu, Hawaii. Highway guardrail. 2,123,167; July 12.
Calcott, William S., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aluminum chloride. 2,123,766; July 12.
Callsen, Albert, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany. Starting internal combustion engines. 2,123,711; July 12.
Camel Pen Company. (See Kingman, Russell B., assignor.)
Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Lap, preventer. 2,123,499; July 12.
Campbell, Nell L., assignor to Mannington Mills, Incorporated, Salem, N. J. Producing felt base floor coverings. 2,123,646; July 12.
Campos, Adolfo J., assignor of one-half to J. N. Hemsley, Kearny, N. J. Cigarette case. 2,123,692; July 12.
Carborundum Company, The. (See Ball, Albert L., assignor.)
Cardwell-Westinghouse Company. (See Lerch, Anthony, Jr., assignor.)
Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
Carlson, Carl A., San Francisco, Calif. Mirror shield. 2,123,400; July 12.
Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,123,228; July 12.
Carpenter, Warren W., Garden City, and R. F. Mallina, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,123,229; July 12.
Carrier Corporation. (See Offen, Bernard, assignor.)
Carrington, Cabell, South Pasadena, assignor to E. P. Carrington, Pasadena, Calif. Internal combustion engine. 2,123,452; July 12.
Carrington, Ellen P. (See Carrington, Cabell, assignor.)
Cart, Theodore S., Princeton, assignor to Atlantic Products Corporation, Trenton, N. J. Golf bag. 2,123,550; July 12.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,123,328; July 12.
Caterpillar Tractor Co. (See Mayo, R. E., and Jackson, assignors.)
Catland, Alfred C., Alhambra, and P. C. Efromson, Whittier, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core drill construction. 2,123,453; July 12.

Catt, Samuel G., London, England. Inhaler. 2,123,353; July 12.
Celanese Corporation of America. (See Kinsella, Edward A., assignor.)
Celanese Corporation of America. (See Moss, William H., assignor.)
Celanese Corporation of America. (See Taylor, M. M., and Fulton, assignors.)
Central Commercial Company. (See Gundlach, Henry R., assignor.)
Cercla, Inc. (See Emmer, Charles E., assignor.)
Chain Belt Company. (See Ball, Charles F., assignor.)
Chain Belt Company. (See Siebert, Willy, assignor.)
Chambers, Ira D. (See Paulson, P. M., and Chambers.)
Cheesman, John J. (See Wallis, A. R., and Cheesman.)
Chicago Pneumatic Tool Company. (See Katterjohn, August H., assignor.)
Child, Lachlan W., South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill. Air conditioning system. 2,123,693; July 12.
Christiansen, Peter, Jr., Racine, Wis. Clinker loosening means for coal stokers. 2,123,462; July 12.
Chrysler Corporation. (See Herreshoff, Alexander G., assignor.)
Chrysler Corporation. (See Wright, Benjamin F., assignor.)
Church, Walter L., Houston, Tex. Packer and setting tool. 2,123,500; July 12.
Clark, Arthur E., Freeport, and J. F. Kohler, New York, N. Y. Machine for making pie rims. 2,123,230; July 12.
Clark, Carl L., Warren, Ohio. Skid platform. 2,123,714; July 12.
Clark, Frank M., and R. A. Ruscetta, Pittsfield, Mass., assignors to General Electric Company. Protective means for electrolytic devices. 2,123,713; July 12.
Clark, Otto B., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,123,712; July 12.
Clark Thread Company, The. (See Camp, William M., assignor.)
Clarkson, Alick, Elmhurst, Ill. Steam generating system. 2,123,166; July 12.
Clayton, Benjamin, Springer, N. Mex., assignor to Refining, Inc., Reno, Nev. Apparatus for producing soap having a definite water content. 2,123,647; July 12.
Clayton, Benjamin, Sugarland, Tex., W. B. Kerrick, Los Angeles, and H. M. Stadt, Glendale, Calif., assignors to Refining, Inc., Reno, Nev. Forming plant parasiticidal vapors. 2,123,707; July 12.
Clemence, Elliott L., Millburn, N. J. Support clip attachment for miniature electric lamps. 2,123,231; July 12.
Clements, Ralph R., Dunellen, N. J. Header construction for rolls. 2,123,401; July 12.
Clickner, Forest H. (See Riggs, L. K., and Clickner.)
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Making mercapto aryl thiazoles. 2,123,841; July 12.
Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)
Clyde, Claude R., Grand Coulee, Wash. Glove stretcher. 2,123,523; July 12.
Cobham, Alan J., Yapton, assignor to Flight Refueling Limited, London, England. Apparatus for refueling aircraft in the air. 2,123,648; July 12.
Cohn, Sidney, St. Albans, N. Y. Pressing device. 2,123,402; July 12.
Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
Colley, George F., assignor to Merchants and Manufacturers Inc., Jacksonville, Fla. Tire valve tool. 2,123,524; July 12.
Colman, Howard D. (See Drake, George F., assignor.)
Colonial Broach Company. (See Hart, William A., assignor.)
Columbia Pictures Corporation of California, Ltd. (See Goosson, Stephen, assignor.)
Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
Combs, William J., and O. O. Mann, Otterbein, Ind. Support. 2,123,329; July 12.
Conkle, Samuel F., Columbus, Ohio. Sheet metal bending tool. 2,123,715; July 12.
Connelly, James M., Pontiac, assignor to Detroit Paper Products Corporation, Detroit, Mich. Cabinet construction. 2,123,403; July 12.
Conrad, Frank, Wilkinsburg, Pa.; C. Aalborg, Springfield, Mass.; and O. B. French, Prospect Park, Pa., assignors to Westinghouse Electric and Manufacturing Company. Motion picture apparatus. 2,123,624; July 12.
Conradson, George H., et al., executors. (See Conradson, Pontus H.)
Conradson, Pontus H., deceased, Franklin, Pa.: The Lamberton National Bank of Franklin, G. H. Conradson, and N. C. Winkler, executors. Lubricating device. 2,123,168; July 12.
Corbin, Elbert A., Jr., Gradyville, and E. W. Wolf, Philadelphia, assignors of one-third to W. C. Biddle, Lansdowne, Pa. Sheet material. 2,123,180; July 12.
Corse, Gaston, assignor to Société dite "Anciens Etablissements L. Chambon", Paris, France. Coating size on a paper strip. 2,123,354; July 12.
Corsico-Piccolini, Hector, and D. Aller, Buenos Aires, Argentina. Safety razor blade. 2,123,768; July 12.
Cotal, Jean, Paris, France. Speed changing gear. 2,123,769; July 12.
Cotal, Jean, Paris, France. Clutching and speed-changing mechanism. 2,123,770; July 12.
Cotta, Ralph L., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Combined boring and milling machine drive. 2,123,649; July 12.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Cotton cleaner. 2,123,405; July 12.
Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Making bag frames. 2,123,842; July 12.
Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Making threaded nuts. 2,123,843; July 12.
Craig, George A. (See Ball, A. F., and Craig.)
Craik, James, Stevenston, Ayrshire, Scotland, assignor to Imperial Chemical Industries Limited. Treating textile materials and articles made therefrom. 2,123,562; July 12.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,123,844; July 12.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators of vulcanization. 2,123,845; July 12.
Cramer, Walter W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal repeater. 2,123,232; July 12.
Crawford, Samuel M., Hollywood, Calif. Swing. 2,123,233; July 12.
Cresien, Albert F., McComb, Miss. Power hammer. 2,123,563; July 12.
Creveling, John L, near Tucson, Ariz. Lubricating means. 2,123,404; July 12.
Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crompton & Knowles Loom Works. (See Wattie, William M., assignor.)
Crompton & Knowles Loom Works. (See Wentz, Earl J., assignor.)
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic tuning control. 2,123,716; July 12.
Crosley, Lewis M., and F. E. Johnston, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Helmet for therapeutic scalp treatments. 2,123,418; July 12.
Crosley Radio Corporation, The. (See Crosley, L. M., and Johnston, assignors.)
Crowell, Arnold L., Olmsted Falls, assignor to The Ohio Boxboard Company, Rittman, Ohio. Handle assembly for boxes and the like. 2,123,771; July 12.
Cruzan, Charles C., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,123,846; July 12.
Cunningham, James F., Collingswood, N. J. Powder container. 2,123,501; July 12.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile fiber. 2,123,502; July 12.
Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
Dailey, William O., Portland, Oreg. Collar support and necktie retainer. 2,123,274; July 12.
Daland, Elliott. (See Wilford, E. B., and Daland.)
Dall, Edward D., Cleveland, assignor to W. F. Wright, Shaker Heights, Ohio. Locking mechanism. 2,123,525; July 12.
Dallas, James P. (See Stevens, R. L., and Dallas.)
Dalton, William M., Washington, D. C. Impression sheet for printing presses. 2,123,564; July 12.
Dalzen, William F., Grosse Pointe, Mich., assignor to Michigan Tool Company. Gear finishing machine. 2,123,717; July 12.
Darling, L. A., Company. (See Elmer, Francis E., assignor.)
Davant, Joseph A. (See Gibbons, J. P., Jr., and Davant.)
Davidson, Ashley A., Los Angeles, Calif., assignor of thirty-one per cent to V. Gilbert and twenty per cent to M. Rich. Piano action. 2,123,526; July 12.
Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Back gauge for punches. 2,123,170; July 12.
Deere & Company. (See Court, Frank T., assignor.)
Deere & Company. (See Tuft, Miles H., assignor.)
De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Esters of urea-alkylene oxide condensation products. 2,123,718; July 12.
De Jong, Johan R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparing mixtures of rubber. 2,123,482; July 12.
De la Torre, Manuel, Houston, Tex. Cigarette extinguisher. 2,123,719; July 12.
Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Fountain pen. 2,123,406; July 12.
De Levi, Alexandre L., assignor to International Business Machines Corporation, New York, N. Y. Watch type cryptograph. 2,123,234; July 12.
Denbow, Clarence E., and B. L. Rees, Columbus, Ohio. Closure for collapsible tubes. 2,123,694; July 12.
Deputy, Horace E., Rochester, Minn. Bonding ferrous and nonferrous metals. 2,123,181; July 12.
Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)

Detroit Paper Products Corporation. (See Connelly, James M., assignor.)
De Vlieg, Charles B., Jackson, Mich., assignor to Associated Patents, Inc., Cincinnati, Ohio. Combination positioning and locking mechanism. 2,123,825; July 12.
Diamond Match Company, The. (See Nolan, John R., assignor.)
Diamond Match Company, The. (See Parker, Lucian E., assignor.)
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Nozzle. 2,123,826; July 12.
Di Spalatro, Louis. (See Lobel, H., and Di Spalatro.)
Dobbins Manufacturing Company. (See Brandt, H. E., and Sorensen, assignors.)
Doering, Charles, assignor of one-half to H. Doering, Chicago, Ill. Discharge device for chilling machines and the like. 2,123,596; July 12.
Doering, Henry. (See Doering, Charles, assignor.)
Donelson, Scott E., Marion, Ohio. Measuring top for containers. 2,123,720; July 12.
Dons, Eddie M., and D. B. Mapes, assignors to Mid-Continent Petroleum Company, Tulsa, Okla. Refining blended lubricating oils. 2,123,503; July 12.
Doppelt, Charles, Chicago, Ill. Container. 2,123,454; July 12.
Dow Chemical Company, The. (See Mills, L. E., Smith, and Livak, assignors.)
Dow Chemical Company, The. (See Wibaut, J. P., van de Lande, and Wallagh, assignors.)
Drake, George F., assignor to H. D. Colman, Rockford, Ill. Motor control. 2,123,182; July 12.
Draper Corporation. (See Brown, Carl D., assignor.)
Draper Corporation. (See Henderson, Thomas, assignor.)
Dreyfus, Henry, London, England. Apparatus for the manufacture or treatment of textile materials. 2,123,235; July 12.
Duberstein, Samuel. (See Lawner, N., and Duberstein.)
Du Bois, Kenneth W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Brooder. 2,123,671; July 12.
Du Bois, Kenneth W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic control. 2,123,672; July 12.
Dudley Lock Corporation. (See Bell, Dillwyn M., assignor.)
Dudte, Margaret M., et al. (See McKee, Thomas, assignor.)
Dullea, Walter A., Milton, Mass. Tooth brush. 2,123,407; July 12.
Du Pont, E. I., de Nemours & Company. (See Alles, Francis P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Babcock, D. F., and Werntz, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bowlus, Harold G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Noddin, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, William S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dykstra, Harry B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hanahan, M. L., and Prince, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kojevnikoff, Nikolai N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., and Kvalnes, assignors.)
Du Pont, E. I., de Nemours & Company. (See Paulson, P. M., and Chambers, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rigby, George W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Robinson, Paul, assignor.)
Du Pont, E. I., de Nemours & Company. (See Wilson, Ellsworth M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Woodbridge, Richard G., assignor.)
Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of chlorobutenes. 2,123,504; July 12.
Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective headgear. 2,123,275; July 12.
Ebrite, Arthur P., assignor of one-half to E. C. Koegel, Chicago, Ill.. Illuminating equipment. 2,123,408; July 12.
Eckerlin, Hermann, Frankfort-on-the-Main, Germany. Making ruled screens. 2,123,276; July 12.
Edwards, Cecil R., assignor of one-half to E. C. Ayers, Lacomb, Oreg. Raker gauge. 2,123,565; July 12.
Effront, Ivan A., Seclin, France. Apparatus for the manufacture of yeast. 2,123,463; July 12.
Efromson, Philip C. (See Catland, A. C., and Efromson.)
Ehrlich, Josef, Vienna, Austria. Detecting alterations of documents. 2,123,597; July 12.
Eichholz, Willy. (See Neresheimer, H., Ruppel, and Eichholz.)
Eisenhauer, Warren F., Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Spring clip. 2,123,772; July 12.
Ekstromer, Edward C., Los Gatos, Calif., assignor to Electrolift Corporation, Reno, Nev. Pumping Mechanism. 2,123,183; July 12.
Ekstromer, Edward C., Los Gatos, Calif, assignor to Electrolift Corporation, Reno, Nev. Driving mechanism. 2,123,184; July 12.
Electrolift Corporation. (See Ekstromer, Edward C., assignor.)
Eliason, Carl J. E., Sayner, Wis. Fishhook. 2,123,598; July 12.
Elliot, J. B., and F. Klaeden, San Antonio, Tex. Apparatus for mixing fluids. 2,123,185; July 12.
Elmendorf, Armin, Winnetka, Ill. Flexible wood floor or flooring material. 2,123,409; July 12.
Elmer, Francis E., assignor to L. A. Darling Company, Bronson, Mich. Article display fixture. 2,123,695; July 12.
Ely & Walker Dry Goods Company. (See Walter, Harry L., assignor.)
Emmer, Charles E., assignor to Cercla, Inc., Chicago, Ill. Binding device. 2,123,625; July 12.
Engelman, Herman C., Oakwood Heights, assignor to Research Corporation, New York, N. Y. Electrode rapping. 2,123,464; July 12.
Eppink, Albert J., Amersfoort, Netherlands. Buckles and like ornaments for personal wear. 2,123,773; July 12.
Epstein, Albert K., and B. R. Harris, Chicago, Ill. Thiocyano-fatty acid esters. 2,123,186; July 12.
Ertel, Fred J. (See Kehr, G. H., and Ertel.)
Estate Stove Company, The. (See Kahn, B. B., and Hake, assignors.)
Everett, R. O., et al. (See Utaman, George W., assignor.)
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Peeling knife. 2,123,187; July 12.
Eyrick, Philip A., Arlington, and W. B. Hopkins, Marshfield, assignors to National Company, Inc., Malden, Mass. Ice crusher. 2,123,827; July 12.
Fair, Irvin E., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crystal holder. 2,123,236; July 12.
Fairbanks, Morse & Co. (See Anderson, Gordon R., assignor.)
Fairbanks, Morse & Co. (See Grutzner, Fritz P., assignor.)
Fanner Manufacturing Company, The. (See Gibson, Samuel H., assignor.)
Faries, Robert, St. Davids, Pa. Motor truck. 2,123,505; July 12.
Farnsworth Television Incorporated. (See Gardner, Bernard C., assignor.)
Fawcett, Charles W., St. Louis, Mo. Air duct. 2,123,410; July 12.
Feehrer, Edwin R., and W. G. Kuhnert, Steelton, Pa., assignors to Bethlehem Steel Company. Measurement of eccentricity of hollow shafting. 2,123,355; July 12.
Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 2,123,411; July 12.
Ferguson, Harold W., Rochester, N. Y. Hair waving apparatus. 2,123,566; July 12.
Fernseh Aktien-Gesellschaft. (See Schwartz, Erich, assignor.)
Feussener, Natalie, administratrix. (See Fuessner, O., and Jedele.)
Feussner, Otto, deceased, by N. Feussner, administratrix, and A. Jedele, assignors to W. C. Heraeus Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany. Palladium alloy. 2,123,330; July 12.
Fiegel, William J., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Joining metal strips. 2,123,626; July 12.
Fikentscher, Hans, and C. Heuck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polymerization products. 2,123,599; July 12.
Finch, William G. H., New York, N. Y. Facsimile recording tube. 2,123,721; July 12.
Firestone Steel Products Company, The. (See Shields, Jesse W., assignor.)
Firestone Tire & Rubber Company, The. (See Beyer, J. E., and Leesman, assignors.)
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Insulating and waterproofing material. 2,123,696; July 12.
Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Inlaid knitted fabric. 2,123,847; July 12.
Flichtenfeld, Carl, and N., New York, N. Y. Fastener for umbrella covers. 2,123,722; July 12.
Flichtenfeld, Nathan. (See Flichtenfeld, Carl, and N.)
Flight Refuelling Limited. (See Cobham, Alan J., assignor.)
Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,123,237; July 12.
Ford, George E. (See Hastings, H., and Ford.)
Forthoffer, Ernest R., Middletown, N. Y. Display cabinet. 2,123,774; July 12.
Foster Wheeler Corporation. (See Blizard, J., assignor.)
Fowler, Paul L., Portland, Oreg. Making range boilers. 2,123,169; July 12.
Francis, Loren J. (See Huttleston, Fred, assignor.)

Frankel, Ferdinand, Jr., New York, N. Y. Solderless lug. 2,123,506; July 12.
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for winding material. 2,123,238; July 12.
Fredericksen, James P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stitchdown shoe. 2,123,278; July 12.
Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Device for operating upon shoe soles. 2,123,277; July 12.
Freeman, Raymond A., Mount Vernon, assignor to R. Hoe & Co., Inc., New York, N. Y. Web roll supply mechanism. 2,123,673; July 12.
French, Orville B. (See Conrad, F., Aalborg, and French.)
Fromwiller, Edward, Brooklyn, N. Y. Coffee maker. 2,123,331; July 12.
Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Quick take-up mechanism for hand brakes. 2,123,584; July 12.
Fulda, Wilhelm, Lautawerk, E. Wiedbrauck, and K. Büche, Essen, assignors to firm Th. Goldschmidt A.-G., Essen-Ruhr, Germany. Recovery of aluminum compounds from aluminiferous minerals. 2,123,650; July 12.
Fulton, Stephen M. (See Taylor, M. M., and Fulton.)
Furrer, Emery C., Chicago, Ill. Container. 2,123,723; July 12.
Gagné, Augustin, assignor to Hemphill Company, Central Falls, R. I. Latch opener. 2,123,551; July 12.
Galante, Antonio, Medford, Mass. Mixer can. 2,123,600; July 12.
Gallagher, John W., Seneca Falls, N. Y. Self-priming centrifugal pump. 2,123,651; July 12.
Gamewell Company, The. (See Weld, Foster E., assignor.)
Garbutt, Frank A. (See Hatherell, George A., assignor.)
Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Mosaic and translucent surface. 2,123,412; July 12.
Gaylor, Peter J. (See Wiezevich, Peter J.)
Gehrig, Walter, Flint, Mich. Collar attachment. 2,123,601; July 12.
Gehrig, Walter, Flint, Mich. Collar attachment. 2,123,602; July 12.
Gehrke, Friedrich W., Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Range finder. 2,123,465; July 12.
Geigy, J. R., S. A. (See Martin, H., and Hirt, assignors.)
Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Adjustable curtain. 2,123,413; July 12.
General Aniline Works, Inc. (See Koeberle, K., and Schlichting, assignors.)
General Aniline Works, Inc. (See Krünzlein, G. Schlichenmaier, and Berlin, assignors.)
General Aniline Works, Inc. (See Mieg, W., and Wieners, assignors.)
General Aniline Works, Inc. (See Neresheimer, H., Ruppel, and Eichholz, assignors.)
General Aniline Works, Inc. (See Schindhelm, Hans, assignor.)
General Aniline Works, Inc. (See Schlichting, Otto, assignor.)
General Electric Company. (See Clark, F. M., and Ruscetta, assignors.)
General Electric Company. (See Moeger, Kurt, assignor.)
General Electric Company. (See Pratt, William H., assignor.)
General Electric Company. (See Schiebeler, Carl, assignor.)
General Motors Corporation. (See Luneke, Louis C., assignor.)
George, Warren E., and W. J. Borer, Tekamah, Nebr. Internal combustion engine. 2,123,279; July 12.
Gerrard Industries Limited. (See Wallis, Arthur R., and Cheesman, assignors.)
Gibbons, John P., Jr., and J. A. Davant, Hamlet, N. C. Accelerator pedal for motor vehicles. 2,123,299; July 12.
Gibson, Samuel H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Awning arm. 2,123,828; July 12.
Giesen, Paul. (See Grah, C. G., and Giesen.)
Gilbert, Lewis H., Boston, Mass. Making boots and shoes. 2,123,567; July 12.
Gilbert, Vaughn, et al. (See Davidson, Ashley A., assignor.)
Gilmore, John L., Kansas City, Mo. Antenna bracket and antenna. 2,123,414; July 12.
Givens, John W. (See Yebroff, D. L., and Givens.)
Globe Oil Tools Company. (See Catland, A. C., and Efromson, assignors.)
Glynn, William, Chicago, Ill. Flush valve. 2,123,356; July 12.
Godfrey, Truman M., Winchester, and W. J. Paterson, Chestnut Hill, Mass., assignors to Lever Brothers Company. Producing edible substances. 2,123,332; July 12.
Göhre, Kurt R., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Working up zinc dust. 2,123,300; July 12.
Golden, Harry, assignor to Magna Products Corp., New York, N. Y. Device for attaching license plates. 2,123,527; July 12.
Goldfield, Edwin R., University Heights, and C. B. Horsley, Gates Mills, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-Ray apparatus. 2,123,528; July 12.
Goldschmidt, Th., A.-G. (See Fulda, W., Wiedbrauck, and Büche, assignors.)
Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
Goodman Manufacturing Company. (See Sloane, William W., assignor.)
Goodrich, B. F., Company, The. (See Mathes, Roger A., assignor.)
Goodyear-Zeppelin Corporation. (See Baade, Brunolf C., assignor.)
Goosson, Stephen, Hollywood, Calif., assignor to Columbia Pictures Corporation of California, Ltd. Apparatus for making process shots in motion picture photography. 2,123,529; July 12.
Gorbatenko, Dimitri L., assignor of eleven-twentieths to A. J. Alligoewer, and four-twentieths to L. I. Gorbatenko, San Francisco, Calif. Taping instrument. 2,123,415; July 12.
Gorbatenko, Luka I., et al. (See Gorbatenko, Dimitri L., assignor.)
Gordon, Pauline, Inc. (See Gordon, Pauline Z., assignor.)
Gordon, Pauline Z., assignor to Pauline Gordon, Inc., New York, N. Y. Foundation garment. 2,123,848; July 12.
Gottlieb, Gerald, assignor to L. Kovel, New York, N. Y. Proportional scale. 2,123,674; July 12.
Gottschalck, Walter M. A. (See Böllinger, H. S. W., and Gottschalck.)
Grah, Carl G., and P. Giesen, Solingen, Germany. Nippers for skin and fingernails. 2,123,357; July 12.
Graham, Alexander B., Thornliebank, Glasgow, Scotland, assignor to The International Nickel Company, Inc., New York, N. Y. Extruding metals and alloys. 2,123,416; July 12.
Granberg, Bengt, and F. R. Swanson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,123,530; July 12.
Grave, Georg, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Electrostatic separator for the separation of fine-grained mixed materials. 2,123,301; July 12.
Gray Processes Corporation, The. (See Mandelbaum, Malvin R., assignor.)
Grayson Heat Control, Ltd. (See Grayson, John H., assignor.)
Grayson, John H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Fuel control and regulation. 2,123,829; July 12.
Green, Joseph W. (See Loose, K. D., Watkins, and Green.)
Green, Nathaniel P., University City, Mo. Spray device. 2,123,697; July 12.
Greenpoint Metallic Bed Co. (See Basile, Joseph, assignor.)
Gregory & Reed Wood Heel Company. (See Ball, A. F., and Craig, assignors.)
Grier, John, Fullerton, and L. J. Hopkins, Wasco, Calif. Foot guard. 2,123,417; July 12.
Griffel, Henryk, Katowice, Poland. Reinforcing member for reinforced concrete structures. 2,123,239; July 12.
Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Measuring instrument. 2,123,724; July 12.
Groesbeck, Harry A., Jr., Chappaqua, assignor to Sterling Engraving Company, New York, N. Y. Producing screen negatives. 2,123,830; July 12.
Gross, Walter. (See Baehr, H., and Gross.)
Groth, Clarence C., New York, N. Y. Internal combustion engine. 2,123,302; July 12.
Gruber, Edward, assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Temperature responsive device. 2,123,568; July 12.
Grutzner, Fritz P., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine silencing hood. 2,123,358; July 12.
Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Roofing granule and coloring same. 2,123,419; July 12.
Gutiérrez, Julián, Habana, Cuba. Necktie. 2,123,775; July 12.
Haberstump, Alfred, Detroit, Mich. Combined lock and door retainer. 2,123,303; July 12.
Hake, Carl J. (See Kahn, B. B., and Hake.)
Hallmark, Ethel O., Pasadena, Calif. Piepan. 2,123,359; July 12.
Halsey, Edward S., Arlington, Va. Safety cigarette holder. 2,123,466; July 12.
Hamilton, Alfred E., Pittsburgh, Pa. Polishing apparatus. 2,123,171; July 12.
Hammarberg, Axel, Lidingo, Sweden. Recovery of valuable metals or metal compounds from complex ores. 2,123,240; July 12.
Hanahan, Marion L., Wilmington, Del., and J. D. Prince, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Calcium sulphate-zinc sulphide pigment. 2,123,698; July 12.
Handwerk, Otto T., assignor to Republic Flow Meters Company, Chicago, Ill. Impedance controlling apparatus. 2,123,725; July 12.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Lightning arrester. 2,123,333; July 12.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Control of hardening of steel. 2,123,776; July 12.
Harley, John B., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifier. 2,123,241; July 12.
Harris, Benjamin R. (See Epstein, A. K., and Harris.)
Harris, William E., assignor of one-half to J. D. Powell, Cincinnati, Ohio. Apparatus for obtaining linear measurements. 2,123,360; July 12.
Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,123,281; July 12.
Hart, Frederick A., Fallbrook, Calif., assignor to Remington Rand Inc., New York, N. Y. Typewriting and like machine. 2,123,280; July 12.
Hart, H. M., assignor of one-fourth to R. Huwe, one-fourth to E. A. Vogele, and one-fourth to F. W. Stutz, Cincinnati, Ohio. Permanent wave apparatus. 2,123,585; July 12.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Rotary surface broaching machine. 2,123,777; July 12.
Hartman, Leon. (See Lawrence, J. T., and Hartman.)
Hartman, August, and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, New York, N. Y. Artificial silk hosiery. 2,123,675; July 12.
Hastings, Herbert, Brighton, and G. E. Ford, assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y. Gauge construction. 2,123,532; July 12.
Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Chewing gum base containing cyclic aromatic petroleum resins. 2,123,531; July 12.
Hausmann, Max, Berlin-Zehlendorf-Mitte, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Inhaling apparatus. 2,123,334; July 12.
Hergpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Woodworking tool. 2,123,627; July 12.
Hedlund, Iver H., Sioux City, Iowa. Vehicle screen. 2,123,172; July 12.
Heilmann, Josué, assignor to Societe Alsacienne de Constructions Mecaniques, Clichy, France. Electric wire. 2,123,778; July 12.
Helwig, Edward L., Bristol, assignor to Rohm & Haas Company, Philadelphia, Pa. Apparatus for shaping thermoplastic sheets. 2,123,552; July 12.
Hemphill Company. (See Gagné, Augustin, assignor.)
Hemphill Company. (See Lawson, Robert H., assignor.)
Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)
Hemsley, John N. (See Campos, Adolfo J., assignor.)
Henderson, Bancroft W., Montclair, N. J. Horn protector. 2,123,603; July 12.
Henderson, Thomas, Spartanburg, S. C., assignor to Draper Corporation, Hopedale, Mass. Temple roll. 2,123,726; July 12.
Hennessy, Carroll A. (See Thomas, N. M., and Hennessy.)
Henschel Flugzeug-Werk A. G. (See Oeckl, Otto, assignor.)
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co. Inc., Indianapolis, Ind. Copper base alloys. 2,123,628; July 12.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co. Inc., Indianapolis, Ind. Alloy. 2,123,629; July 12.
Heraeus, W. C., Geselschaft mit beschrankter Haftung. (See Feussner, O., and Jedele, assignors.)
Herreshoff, Alexander G., Grosse Pointe Village, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,123,335; July 12.
Herrlinger, Richard. (See Jaeger, A. O., and Herrlinger.)
Heston, Allen L., assignor to National Rubber Machinery Company, Akron, Ohio. Tire building apparatus. 2,123,586; July 12.
Hettrick Manufacturing Company, The. (See Vavrik, Louis, assignor.)
Hetzer, Russell A., Madeira, assignor to The American Laundry Machinery Company, Norwood, Ohio. Drying tumbler. 2,123,304; July 12.
Heuck, Claus. (See Fikentscher, H., and Heuck.)
Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
Hierta, Hans, Dearborn, Mich. Motor vehicle. 2,123,305; July 12.
Hill, Rowland F., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Counterbalance device. 2,123,676; July 12.
Hinde and Dauch Paper Company, The. (See Morton, Lawrence D., assignor.)
Hirt, Rudolf. (See Martin, H., and Hirt.)
Hiser, Romey W., Samaria, assignor of one-third to W. H. Rasey, Temperance, Mich. Self-righting support. 2,123,420; July 12.
Hite, Harold H., Pataskala, Ohio. Cigarette lighter and holder. 2,123,779; July 12.
Hittle, Harry F. (See Wightman, Arthur I., assignor.)
Hobler, Tadeusz, Paris, France, assignor to Hydro Nitro S. A., Geneva, Switzerland. Production of highly concentrated nitric acid. 2,123,467; July 12.
Hoe, R., & Co. (See Freeman, Raymond A., assignor.)
Hoffman-La Roche, Inc. (See Klingenfuss, Max, assignor.)
Hollis, Henry L., Chicago, Ill. Display device. 2,123,361; July 12.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave receiver. 2,123,242; July 12.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation circuit for retarding field generators. 2,123,727; July 12.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,123,728; July 12.
Holzer, Hiram A., assignor of one-half to United Iron Works Company, Pittsburg, Kans., and one-half to J. A. Werme, doing business as J. A. Werme Steel and Iron Works, Oklahoma City, Okla. Detachable counterbalance. 2,123,587; July 12.
Hood, Walts E., assignor to C. N. Hudson, Harrison, Ark. Internal combustion engine. 2,123,306; July 12.
Hopkins, Louis J. (See Grier, J., and Hopkins.)
Hopkins, Warren B. (See Eyrick, P. A., and Hopkins.)
Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Wheel and axle assembly and producing same. 2,123,831; July 12.
Horsley, Caperton B. (See Goldfield, E. R., and Horsley.)
Howard, Charles O., Bunker Hill, W. Va. Washer stringing machine. 2,123,780; July 12.
Huber, Charles J., Baltimore, Md. Pump. 2,123,781; July 12.
Hudson, Clarence N. (See Hood, Walts E., assignor.)
Hudson, H. D., Manufacturing Company. (See Keating, M. H., and Larson, assignors.)
Hummer, Estie B., assignor of one-half to A. H. Atwood, White Plains, N. Y. Wall construction. 2,123,677; July 12.
Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Illumination control system. 2,123,729; July 12.
Hurlbut, Burt M., assignor to San Isabel Novelty Works Company, Pueblo, Colo. Door stop. 2,123,188; July 12.
Huttleston, Fred, Marysville, assignor of one-half to L. J. Francis, Yuba City, Calif. Arch supporter. 2,123,730; July 12.
Huwe, Raymond, et al. (See Hart, Herbert M., assignor.)
Hydraulic Brake Company. (See Loweke, E. F., and Swift, assignors.)
Hydraulic Coupling Patents Limited. (See Rogers, Lewis W., assignor.)
Hydro Nitro S. A. (See Hobler, Tadeusz, assignor.)
Hygrade Sylvania Corporation. (See Biggs, Orrick H., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Gross, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Fikentscher, H., and Heuck, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haussmann, Max, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keyssner, Ernst, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keyssner, E., and Wulff, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Muller, W., and Schaufler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Wulff, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Petersen, I., and Zehetmayr, assignors.)
Illinois Iron & Bolt Company. (See Warner, Arthur L., assignor.)
Imperial Chemical Industries Limited. (See Craik, James, assignor.)
Imperial Chemical Industries Limited. (See Savage, Joseph, assignor.)
Ingersoll Rand Company. (See Kirgan, John, assignor.)
Institute of Paper Chemistry, The. (See Kress, O., and Johnson, assignors.)
International Business Machines Corporation. (See de Livi, Alexandre L., assignor.)
International Business Machines Corporation. (See Ford, Eugene A., assignor.)
International Business Machines Corporation. (See Noll, Austin R., assignor.)
International Harvester Company. (See Bryan, Harry F., assignor.)
International Harvester Company. (See Johnston, Edward A., assignor.)
International Harvester Company. (See Morkovski, James, assignor.)
International Harvester Company. (See Raney, Clemma R., assignor.)
International Nickel Company, The. (See Graham, Alexander B., assignor.)
Iron Fireman Manufacturing Company. (See Birkenbeuel, Edward B., assignor.)
Isaacson, Fred A., Topeka, Kans. Shipping automobile bodies. 2,123,362; July 12.
Jackson, Edward W. (See Mayo, R. E., and Jackson.)

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock switch. 2,123,507; July 12.
Jacobs, F. L., Company. (See Eisenhauer, Warren F., assignor.)
Jacobsen, Richard S., Wheaton, Ill. Conveyer. 2,123,189; July 12.
Jaeger, Alphons O., Mount Lebanon, and R. Herrlinger, Bridgeville, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Treatment of hides, skins, and leather. 2,123,832; July 12.
Janert, Heinz, Leipzig, Germany. Apparatus for manufacturing drain pipes in the earth. 2,123,243; July 12.
Jedele, Alfred. (See Feussner, O., and Jedele.)
Johnson, Charles A., Duluth, Minn. Permanent joint strip. 2,123,468; July 12.
Johnson, Charles E. (See Kress, O., and Johnson.)
Johnson, Earl A., Dearborn, Mich. Apparatus for distributing and spraying liquid or plastic coating compositions. 2,123,604; July 12.
Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Tractor wheel. 2,123,533; July 12.
Johnston, Fred E. (See Crosley, L. M., and Johnston.)
Jones, Carl W. (See West, William H., assignor.)
Jones, Philip H., and E. C. Babson, assignors to Union Oil Company of California, Los Angeles, Calif. Reconditioning drilling fluids. 2,123,282; July 12.
Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Spool packing installation. 2,123,849; July 12.
Joplin, William A., Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Bottle transfer device. 2,123,363; July 12.
Joriot, Camille, Lac-ou-Villers, France. Device for placing protective coverings automatically on the seats of water closets. 2,123,469; July 12.
Judd, Irving H., Dearborn, assignor to Whitehead & Kales Company, River Rouge, Mich. Deck structure. 2,123,630; July 12.
Kabus, Fernand, Chicago, Ill., assignor to The Angostura Wuppermann Corporation, New York, N. Y. Meat processing. 2,123,336; July 12.
Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, Westminster, Londong, England. Two-stroke internal combustion engine. 2,123,569; July 12.
Kaehler, Alfred, assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Container closure. 2,123,553; July 12.
Kahn, Bertrand B., Cincinnati, and C. J. Hake, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,123,699; July 12.
Kahn, Eugene W., New York, N. Y. Container. 2,123,731; July 12.
Kahn, Eugenia, New York, N. Y. Hair-curler. 2,123,421; July 12.
Kalif Corporation. (See Pike, Robert D., assignor.)
Katterjohn, August H., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Automatic feed rock drills. 2,123,364; July 12.
Kattwinkel, Hans, Coswig, Germany. Flexible universal coupling. 2,123,307; July 12.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,123,850; July 12.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,123,851; July 12.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,123,852; July 12.
Kautz, Charles W., Jr., Lancaster, Pa. Electric plug or outlet. 2,123,422; July 12.
Keating, Maurice H., and A. T. Larson, Minneapolis, Minn., assignors to H. D. Hudson Manufacturing Company, Chicago, Ill. Burner. 2,123,365; July 12.
Kehle, Ottmar A., assignor to Sterling Products Company, Detroit, Mich. Rubbing machine. 2,123,426; July 12.
Kehr, Gustav H., and F. J. Ertel, assignors to C. H. Uhlig, Brooklyn, N. Y. Structural support. 2,123,366; July 12.
Keitel, Christian W., West Orange, and T. J. Walsh, assignors to Baker & Co., Inc., Newark, N. J. Catalyst composition and making same. 2,123,732; July 12.
Kellett, William P. (See Kellett, William P., Jr., assignor.)
Kellett, William P., Jr., New York, assignor to W. P. Kellett, Bronxville, N. Y. Brake equipment for articulated cars. 2,123,423; July 12.
Kellett, William P., New York, N. Y. Apparatus for transferring containers. 2,123,424; July 12.
Kelley, Thomas L., Bakersfield, Calif. Vegetable sprayer. 2,123,425; July 12.
Kelly, Carlos A. F., Buenos Aires, Argentina. Discharge cistern for water closets and the like. 2,123,782; July 12.
Kelly, John H., Jr., Chicago, Ill. Synthetic resin. 2,123,605; July 12.
Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
Kelsey-Hayes Wheel Company. (See White, John W., assignor.)
Keltner, Amos L., Hutchinson, Kans. Connecting device. 2,123,783; July 12.
Kerrick, Walter B. (See Clayton, B, Kerrick, and Stadt.)
Keyssner, Ernst, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of N-vinyl compounds. 2,123,733; July 12.
Keyssner, Ernst, and W. Wolff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main-Germany. Production of N-vinyl compounds. 2,123,734; July 12.
Kingman, Russell B., Orange, N. J., assignor, by mesne assignments, to Camel Pen Company. Fountain pen. 2,123,427; July 12.
Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Summer-winter air conditioning system. 2,123,428; July 12.
Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Control device. 2,123,244; July 12.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,123,735; July 12.
Klaeden, F. (See Elliot, J. B., and Klaeden.)
Klarer, Josef. (See Mietzsch, F., and Klarer.)
Klein, Adolf, New York, N. Y. Piano action. 2,123,736; July 12.
Klein, Maximilian, and R. A. Tollefsen, assignors to United States Gauge Company, Sellersville, Pa. Control device. 2,123,852; July 12.
Klein, Schanzlin & Becker Aktiengesellschaft. (See Billinger, H. S. W., and Gottschalck, assignors.)
Klemm, Hanns, Boblingen, Germany. Monospar cantilever aircraft wing. 2,123,429; July 12.
Klemm, Leo A., Stevensville, Mich. Liquid dispenser. 2,123,784; July 12.
Klingenfuss, Max, Basel, Switzerland, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Manufacture of ethers of 2-methyl-3-chloro-tetrahydrofurane. 2,123,653; July 12.
Klosky, Simon, Westfield, assignor to The American Agricultural Chemical Company, Newark, N. J. Purification of crude phosphorus. 2,123,554; July 12.
Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing wax-bearing mineral oil. 2,123,833; July 12.
Knox, William H., Jr., and W. S. Miller, Nashville, Tenn., assignors to Victor Chemical Works. Removal of fluorine from phosphoric acid. 2,123,785; July 12.
Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Naphthene-hydrocarbon-amino-anthrapyrimidines. 2,123,245; July 12.
Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Abietinyl-amino-anthrapyrimidines. 2,123,246; July 12.
Koegel, E. C. (See Ebrite, Arthur P., assignor.)
Koehler, Charles H., Chicago, Ill. Electrical connecter. 2,123,631; July 12.
Koenig, John, Philadelphia, assignor to Benjamin C. Betner Company, Devon, Pa. Bag machine. 2,123,508; July 12.
Kohler, John F. (See Clark, A. E., and Kohler.)
Kojevnikoff, Nickolai N., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonfibrous film and making same. 2,123,700; July 12.
Koller, Emil, Zurich, Switzerland. Ski binding. 2,123,786; July 12.
Koppers Company. (See Berg, Ragnar, assignor.)
Kosman, John, and J. Alterman, Brooklyn, N. Y. Safety drill press. 2,123,337; July 12.
Kovel, Louis. (See Gottlieb, Gerald, assignor.)
Kraft-Phenix Cheese Corporation. (See Riggs, L. K., and Clickner, assignors.)
Kraft-Phenix Cheese Corporation. (See Wanshenk, Ossip B., assignor.)
Kränzlein, Georg, H. Schlichenmaier, and L. W. Berlin, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Oxazole dyestuffs of the anthraquinone series and preparing them. 2,123,834; July 12.
Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Alkaline earth filler. 2,123,173; July 12.
Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valved device. 2,123,283; July 12.
Kuehnel, Frank, Detroit, Mich. Automobile transmission. 2,123,430; July 12.
Kuhnert, Walter G. (See Feehrer, E. R., and Kuhnert.)
Kuvalnes, Donovan E. (See Murphy, A. R., and Kvalnes.)
Lagemann, William F., Detroit, Mich. Window construction. 2,123,632; July 12.
La Hodny, William, and A. T. Barager, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Mirror. 2,123,431; July 12.
Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Control device. 2,123,470; July 12.
Lamberton National Bank of Franklin, The, et al., executors. (See Conradson, Pontus H.)
Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine lighting fixture. 2,123,483; July 12.
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Larson, Albert T. (See Keating, M. H., and Larson.)

Latocha, Eugene, Cleveland, Ohio. Dispensing device. 2,123,606; July 12.

Lawner, Nicholas, and S. Duberstein, Brooklyn, N. Y., assignors to American Sundries Company, Inc. Electric vaporizer. 2,123,509; July 12.

Lawrence, Joseph T., Jersey City, N. J., and L. Hartman, assignors to Mitchell-Rand Manufacturing Company, New York, N. Y. Metal reinforced sheathing sheet and making same. 2,123,247; July 12.

Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn gauging mechanism. 2,123,367; July 12.

Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Spring needle knitting machine. 2,123,535; July 12.

Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method. 2,123,284; July 12.

Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method of knitting. 2,123,701; July 12.

Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Cam block for knitting machines. 2,123,534; July 12.

Lawson, William L. (See Balsam, Maurice M., assignor.)

Lederle Laboratories, Inc. (See Parfentjev, Ivan A., assignor.)

Lee, James F., Palo Alto, Calif. Variable focus X-ray tube. 2,123,607; July 12.

Leesman, Elmer J. (See Beyer, J. E., and Leesman.)

Lehman, Robert J., Duquesne, Pa. Flying shear. 2,123,570; July 12.

Leitz, Ernst, G. m. b. H. (See Barnack, Oskar, assignor.)

Leitz, Ernst, G. m. b. H. (See Becker, Helmut, assignor.)

Leitz, Ernst, G. m. b. H. (See Leitz, L., and Luz, assignors.)

Leitz, Ludwig, and C. Luz, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Enlarging apparatus. 2,123,510; July 12.

Lerch, Anthony, Jr., Chicago, Ill., assignor to Caldwell-Westinghouse Company. Bolster spring unit. 2,123,702; July 12.

Lessel, Wolfgang, Berlin-Charlottenburg, Germany. Electric welding. 2,123,571; July 12.

Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Insecticide and making same. 2,123,190; July 12.

Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Insecticide and making same. 2,123,191; July 12.

Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Making insecticide. 2,123,192; July 12.

Lever Brothers Company. (See Godfrey, T. M., and Paterson, assignors.)

Lever Brothers Company. (See Paterson, William J., assignor.)

Lewis, Benjamine F., Harryhogan, Va. Trap. 2,123,471; July 12.

Lewis, Norton A., Bronx, N. Y. Fluid dispensing apparatus. 2,123,737; July 12.

Lilley, Daniel G., Denver, Colo. Automatic variable pitch propeller. 2,123,193; July 12.

Lincoln, George J., Jr., trustee. (See Morris, James R., assignor.)

Lindley, George W., Philadelphia, Pa. Elastic yarn feeding and tensioning mechanism for knitting machines. 2,123,174; July 12.

Line Material Company. (See Stinmayer, A. G., and Smythe, assignors.)

Lines, Howard N., Sabetha, Kans. Package seed display rack. 2,123,787; July 12.

Link-Belt Company. (See Tark, Marcus B., assignor.)

Livak, John. (See Mills, L. E., Smith, and Livak.)

Lobel, Herman, Brooklyn, and L. Di Spalatro, New York, N. Y. Pencil sharpening device. 2,123,511; July 12.

Lofstrand, Anders R., Sr., Washington, D. C. Scrubber structure. 2,123,308; July 12.

Lohsse, Wilhelm, Gladbach-Rheydt, Germany. Intermediate weft stop motion for looms with feeler and lifter. 2,123,472; July 12.

Long, Bernard, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain, Chauny & Cirey, Paris, France. Manufacture of multicellular glass. 2,123,536; July 12.

Loose, Kenneth D., Bronxville, N. Y., and C. W. Watkins and J. W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Dough preparing machine. 2,123,703; July 12.

Loose-Wiles Biscuit Company. (See Loose, K. D., Watkins, and Green, assignors.)

Lovell Manufacturing Company. (See Kauffman, Walter L., assignor.)

Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)

Lowe, Joe, Corporation. (See Thomas, N. M., and Taylor, assignors.)

Loweke, Erwin F., and H. C. Swift, assignors to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,123,368; July 12.

Lubrication Corporation, The. (See Clark, Otto B., assignor.)

Lubrication Corporation, The. (See Tear, H. R., and Squier, assignors.)

Lucas, Joseph, Limited. (See Spencer, George D., assignor.)

Luecke, William G., Chicago, Ill. Garment hanger. 2,123,369; July 12.

Luneke, Louis C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,123,588; July 12.

Luz, Christian. (See Leitz, L., and Luz.)

Macintyre, Norman. (See Peill, D. M., and Macintyre.)

Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Refrigerator container. 2,123,678; July 12.

Mafera, Guy, Revere, Mass. Aligner. 2,123,484; July 12.

Magna Products Corp. (See Golden, Harry, assignor.)

Mahan, Joseph R., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Counterbalance device. 2,123,679; July 12.

Mallina, Rudolph F. (See Carpenter, W. W., and Mallina.)

Mallory, P. R., & Co. Inc. (See Hensel, F. R., and Larsen, assignors.)

Mandelbaum, Malvin R., New York, N. Y., assignor to The Gray Processes Corporation, Newark, N. J. Treatment of hydrocarbon oil. 2,123,194; July 12.

Mann, Oscar O. (See Combs, W. J., and Mann.)

Manning, Maxwell & Moore, Incorporated. (See Walch, Frederick W., assignor.)

Mannington Mills, Incorporated. (See Campbell, Neil L., assignor.)

Trussell Manufacturing Company. (See Cruzan, Charles C., assignor.)

Mapes, Dwight B. (See Dons, E. M., and Mapes.)

Marinsky, Davis, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener. 2,123,512; July 12.

Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Slider end stop coupling for separable fasteners. 2,123,513; July 12.

Markwood, Louis N., Washington, D. C. Insoluble reaction products of peat and making same. 2,123,248; July 12.

Marr, Philip G., Walton-on-Thames, England. Method and apparatus for spraying powder or the like. 2,123,537; July 12.

Martens, Friedrich, Hamburg, Germany. Device for delivering slips of memorandum paper. 2,123,514; July 12.

Martin, Elmer R., Springfield, assignor to The Williams Company, London, Ohio. Steel wool pad. 2,123,338; July 12.

Martin, Henry, and R. Hirt, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Mothproofing composition. 2,123,572; July 12.

Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,123,538; July 12.

Massa, Frank, West Collingswood, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,123,633; July 12.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,370; July 12.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,371; July 12.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,372; July 12.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,373; July 12.

Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Feeding mechanism or the like. 2,123,432; July 12.

Mattison Machine Works. (See Mattison, Carl L., assignor.)

Maxmoor Corporation. (See Moore, Arlington, assignor.)

Mayo, Roy E., San Leandro, Calif., and E. W. Jackson, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,123,433; July 12.

McCann, Howard C., Imperial Beach, Calif. Shaver. 2,123,608; July 12.

McCormick, George, Redwood City, Calif. Journal box lubricator. 2,123,654; July 12.

McDougal, Wellington H., and G. H. Burden, Little Rock, Ark. Stop and waste valve. 2,123,655; July 12.

McFarlan, Ronald L., Marblehead Neck, and J. W. Reddie, Hull, assignors to United Drug Company, Boston, Mass. Apparatus for measuring the concentration of vitamin A. 2,123,573; July 12.

McGauchie, Ernest F. N., Quarry Hill, Bendigo, Victoria, Australia. Apparatus for varying the stroke of pump rods and the like. 2,123,374; July 12.

McKee, Thomas, assignor of one-third to M. M. Dudte and one-third to C. B. Van Deman, Colorado Springs, Colo. Attachment plug. 2,123,309; July 12.

McKenna, Philip M., Latrobe, Pa. Hard compositions of matter. 2,123,574; July 12.

McKenna, Philip M., Latrobe, Pa. Hard compositions of matter. 2,123,575; July 12.

McKenna, Philip M., Latrobe, Pa. Hard compositions of matter. 2,123,576; July 12.

McNaughton, Don A., Knoxville, Tenn. Key seating attachment for lathes. 2,123,788; July 12.

Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,123,822; July 12.

Mealey, David W., Foster, Oreg. Device for suspending strips from ceilings and the like. 2,123,589; July 12.

Meissner, Otto F., New York, N. Y. Monogram, ornament, and the like. 2,123,704; July 12.

Merchants and Manufacturers Inc. (See Colley, George F., assignor.)

Merck & Co. Inc. (See Wallis, E. S., and Yarnall, assignors.)

Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)

Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)

Messinger Devices, Incorporated. (See Messinger, Lester H., Jr., assignor.)

Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Attachment for internal combustion engines. 2,123,515; July 12.

Meston, Archibald F., Middlesex, N. J., assignor to Research Corporation, New York, N. Y. Electrode rapping. 2,123,473; July 12.

Metals & Controls Corporation. (See Spencer, John A., assignor.)

Meyer, Charles, Yonkers, assignor to Bartmann & Bixer Inc., New York, N. Y. Sewing machine. 2,123,738; July 12.

Meyer, Oscar, Cologne, Germany. Securing iron parts to masonry of all kinds. 2,123,310; July 12.

Meyer, Walter. (See Papp, G., and Meyer.)

Michigan Tool Company. (See Dalzen, William F., assignor.)

Mid-Continent Petroleum Company. (See Dons, E. M., and Mapes, assignors.)

Middleton, William V., Trenton, N. J. Game apparatus. 2,123,195; July 12.

Mieg, Walter, and F. Wieners, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthraquinonyl amides of aromatic dicarboxylic acids. 2,123,375; July 12.

Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Azo compounds. 2,123,634; July 12.

Millard, Frederick C., Mount Lebanon, Pa., assignor, by mesne assignments, to Acme Protection Equipment Company. Gas mask equipment. 2,123,196; July 12.

Miller, Charles H., Lakewood, assignor to Universal Sewer Pipe Company, Cleveland, Ohio. Structural element. 2,123,853; July 12.

Miller, George W. (See Palmer, H. F., and Miller.)

Miller, Jacob C., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Combination dispensing nozzle and meter. 2,123,656; July 12.

Miller, Robert W., Denver, Colo. Animal trap. 2,123,789; July 12.

Miller, Warren S. (See Knox, W. H., Jr., and Miller.)

Miller, William M., Omaha, Nebr. Spinning wheel. 2,123,285; July 12.

Millett, John E. (See Sackner, W. E., and Millett.)

Mills, Lindley E., F. B. Smith, and J. Livak, assignors to The Dow Chemical Company, Midland, Mich. Polynitro compounds of 3-cyclohexyl-phenol. 2,123,854; July 12.

Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)

Miner, W. H., Inc. (See Fuchs, Henry, assignor.)

Minneapolis-Honeywell Regulator Company. (See Kingsland, George D., assignor.)

Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)

Misuraca, Louis J., Glendale, Calif. Electric erasing machine. 2,123,339; July 12.

Mitchell-Rand Manufacturing Company. (See Lawrence, J. T., and Hartman, assignors.)

Mitchell, Robert, Detroit, Mich. Anvil for stapling machines. 2,123,609; July 12.

Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Cuff link. 2,123,790; July 12.

Moe, Peder. (See Thompson, Sigurd, assignor.)

Moeger, Kurt, Berlin, Germany, assignor to General Electric Company. Measuring instrument. 2,123,376; July 12.

Mojonnier Bros. Co. (See Mojonnier, Harry G., assignor.)

Mojonnier, Harry G., Oak Park, Ill., assignor to Mojonnier Bros. Co. Liquid conditioning system. 2,123,340; July 12.

Moloney, Raymond T. (See Breitenstein, Herbert G., assignor.)

Moore, Arlington, Louisville, Ky., assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Anterior throttle carburetor. 2,123,485; July 12.

Moore, James E., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Producing hairy rayon yarns. 2,123,635; July 12.

Morgen, Sigurd P., assignor to The American Hardware Corporation, New Britain, Conn. Doorknob. 2,123,539; July 12.

Morkovski, James, Canton, Ill., assignor to International Harvester Company. Implement attachment for tractors. 2,123,555; July 12.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,123,540; July 12.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,123,541; July 12.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,123,542; July 12.

Morris, James R., Perrysburg, Ohio, assignor, by mesne assignments, to G. J. Lincoln, Jr., trustee. Forming articles for manipulating and containing materials. 2,123,543; July 12.

Morris, Mann & Reilly, Inc. (See Felmann, Henri, assignor.)

Morton, Lawrence D., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Building insulation. 2,123,761; July 12.

Morton, William A., Mount Lebanon, assignor to Amco, Incorporated, Pittsburgh, Pa. Melting and refining glass. 2,123,544; July 12.

Moss, William H., London, England, assignor to Celanese Corporation of America. Manufacture and use of synthetic resins. 2,123,249; July 12.

Müller, Adolf M., Chemnitz, Germany. Knitting machine. 2,123,739; July 12.

Müller-Roggli, Alice, Thun, Switzerland. Ski-pole. 2,123,311; July 12.

Müller, Wilhelm, and G. Schaufler, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of depolarizing compositions from native manganese dioxide, e. g., pyrolusite. 2,123,250; July 12.

Mungen, Theodore, assignor to Edward G. Rudd Manufacturing Company, Philadelphia, Pa. Sled knee. 2,123,486; July 12.

Munk, Max M., Cottage City, Md. Thrust-relieved propeller. 2,123,657; July 12.

Murphy, Arthur R., Penns Grove, and D. E. Kvalnes, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloration of materials comprising cellulose derivatives. 2,123,740; July 12.

Murray Corporation, The. (See Podany, Edward J., assignor.)

Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Securing device. 2,123,286; July 12.

National Company. (See Eyrick, P. A., and Hopkins, assignors.)

National Rubber Machinery Company. (See Heston, Allen L., assignor.)

National Supply Company. (See Hill, Rowland F., assignor.)

National Supply Company. (See Mahan, Joseph R., assignor.)

Neher, Leroy P., St. Louis, Mo. Display device and folder. 2,123,610; July 12.

Nellson, Albert H., Tulsa, Okla. Fishing tool. 2,123,791; July 12.

Nelson, George M., Tacoma, Wash. Pocket shears. 2,123,792; July 12.

Neresheimer, Heinrich, and W. Ruppel, Ludwigshafen-on-the-Rhine, and W. Eichholz, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the pyrazine series. 2,123,251; July 12.

New Haven Clock Company, The. (See Whitehead, Richard H., assignor.)

Newton, Howard L., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Dispensing container. 2,123,741; July 12.

Ney, Eugene J., New York, N. Y. Combination ventilator. 2,123,287; July 12.

Niagara Sprayer and Chemical Co. (See Les Veaux, John F., assignor.)

Nicodemus, Otto, Frankfort-on-the-Main-Hochst, and O. Wulff, Konigstein in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aliphatic halogen-nitro-alcohols and preparing them. 2,123,556; July 12.

Niedringhaus, Inc. (See Woehler, Henry G. and W. J., assignors.)

Niemann, Carl, and K. Bischoff, Erlangen, assignors to the firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. Röntgen apparatus. 2,123,793; July 12.

Nier, Bruno, Beierfeld, Germany. Burner for hurricane lanterns. 2,123,794; July 12.

Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricator. 2,123,197; July 12.

Noddin, George A. (See Burrows, L. A., and Noddin.)

Nolan, John R., Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del. Machine for booking matches. 2,123,252; July 12.

Noll, August, Mannheim, assignor of one-half to Zellstoffabrik Waldhof, Mannheim-Waldhof, Germany. Manufacture of nitro-celluloses. 2,123,611; July 12.

Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. System of operation of translating mechanisms. 2,123,253; July 12.

North American Rayon Corporation. (See Hartmann, A., and Uytenbogaart, assignors.)

Norton Company. (See Anderson, Harry O., assignor.)

Noyes, Edward R., Natick, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Arch supporting shoe. 2,123,288; July 12.

Obert, Casin W., Mount Vernon, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat economizer. 2,123,612; July 12.

O'Connor, William H., Middletown, N. Y. Skinning machine. 2,123,312; July 12.

Oecki, Otto, Berlin-Baumschulenweg, assignor to Henschel-Flugzeug-Werke A. G., Schonefeld, Germany. Die press. 2,123,683; July 12.

Oermann, Carl H., York, Pa. Folding chair. 2,123,613; July 12.

Offen, Bernard, Chicago, Ill. Drying method and apparatus. 2,123,341; July 12.

Offen, Bernard, Chicago, Ill., assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Air conditioning. 2,123,742; July 12.

Ohio Boxboard Company, The. (See Crowell, Arnold L., assignor.)

Olson, Arthur T., Omaha, Nebr. Poultry coop. 2,123,289; July 12.

Packard Motor Car Company. (See Rossmann, Peter F., assignor.)

Packard Motor Car Company. (See Ware, Marsden, assignor.)

Palmer, Henry F., Akron, Ohio, and G. W. Miller, Los Angeles, Calif., assignors to The Xylos Rubber Company, Akron, Ohio. Treating rubber composition. 2,123,855; July 12.

Paper Patents Company. (See Bright, Charles G., assignor.)

Papp, George, Maspeth, N. Y., and W. Meyer, Princeton, N. J., assignors to Peters Brothers Rubber Company, Inc., Brooklyn, N. Y. Apparatus for cutting, embossing, and adhering labels. 2,123,377; July 12.

Parfentjev, Ivan A., Nyack, assignor to Lederle Laboratories, Inc., New York, N. Y. Treatment of antitoxins and the like. 2,123,198; July 12.

Parker, Lucian E., Wadsworth, Ohio, assignor to The Diamond Match Company, New York, N. Y. Match-strip feeding mechanism for match booking machines. 2,123,487; July 12.

Parks, Dennis, St. Louis, Mo. Paste applying device. 2,123,313; July 12.

Partin, Albert, Jardine, Mont. Milk can sealer. 2,123,795; July 12.

Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,123,254; July 12.

Pass, Sam. (See Trubitz, Philip, assignor.)

Patchogue-Plymouth Mills Corporation. (See Geller, Hugo, assignor.)

Paterson, William J. (See Godfrey, T. M., and Paterson.)

Paterson, William J., Chestnut Hill, Mass., assignor to Lever Brothers Company. Hydrogenation of fatty oils. 2,123,342; July 12.

Paulson, Paul M., and I. D. Chambers, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of cleaning. 2,123,434; July 12.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pile cutter for double fabric looms. 2,123,255; July 12.

Pearson, John M., Aldan, assignor to Sun Oil Company, Philadelphia, Pa. Electrical measuring method and apparatus. 2,123,545; July 12.

Peill, Douglas M., and N. Macintyre, Glasgow, Scotland. Lamp for road vehicles. 2,123,435; July 12.

Pekor, Richard B. (See Richardson, N. C., and Pekor.)

Pelich, Eduard, Brno, Czechoslovakia. Fluid measurement apparatus. 2,123,577; July 12.

Pendleton, M. B., et al. (See Stevens, R. L., and Dallas, assignors.)

Pennsylvania Railroad Company, The. (See Madden, William J., assignor.)

Perkins, Floyd R., Chicago, Ill. Sealed package and closure therefor. 2,123,546; July 12.

Perrin, René, assignor to Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Dephosphorizing metals. 2,123,658; July 12.

Peters Brothers Rubber Company. (See Papp, G., and Meyer, assignors.)

Peters, Fred J., St. Louis, Prince Edward Island, assignor of one-half to F. C. Ramsey, Albertson, Prince Albert Island, Canada. License plate fastener. 2,123,796; July 12.

Petersen, Irnfried, Wolfen, and A. Zehetmayr, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing ammonium nitrate of low weight per unit of volume. 2,123,661; July 12.

Peterson, Gust W., Long Beach, Calif. Method of and apparatus for waving hair. 2,123,378; July 12.

Petty, Joseph, Port Chester, N. Y. Stretching and fitting device. 2,123,199; July 12.

Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Valve structure. 2,123,835; July 12.

Pfeiffer, Howard T., Woodlawn, Md. Brake. 2,123,379; July 12.

Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)

Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Goldfield, E. R., and Horsley, assignors.)

Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,123,659; July 12.

Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,123,660; July 12.

Pintsch, Julius, Aktiengesellschaft. (See von Mihály, Dénes, assignor.)

Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Circuit switching device. 2,123,256; July 12.

Place, Bion C., Detroit, Mich. Garment hanger. 2,123,797; July 12.

Podany, Edward J., Detroit, assignor to The Murray Corporation of America. Apparatus for forming and treating sinuous springs. 2,123,798; July 12.

Podbielniak, Walter J., Chicago, Ill. Heat treatment of hydrocarbon gases. 2,123,799; July 12.

Popmatic Manufacturing Company. (See Roach, Floyd L., assignor.)

Pott, Alfred, and H. Broche, Essen-Ruhr, Germany. Producing extracts from solid carbonaceous materials. 2,123,380; July 12.

Potts, Louis M., Evanston, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Line casting and composing machine. 2,123,200; July 12.

Powell, John D. (See Harris, William E., assignor.)

Powell, Virgil S., Cedar Rapids, Iowa. Identification device for motor vehicles and operators. 2,123,800; July 12.

Powers, W. F., Company, The. (See Powers, William S., assignor.)

Powers, William S., assignor to The W. F. Powers Company, New York, N. Y. Device for displaying merchandise. 2,123,290; July 12.

Pratt, William H., Lynn, Mass., assignor to General Electric Company. Color changing indicator. 2,123,743; July 12.

Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Apparatus for making shoe trimmings and the like. 2,123,488; July 12.

Prince, James D. (See Hanahan, M. L., and Prince.)

Princeton Inc. (See Fleisher, Harry, assignor.)

Pritham, Charles H., Philadelphia, Pa. Pyrotechnic compositions. 2,123,201; July 12.

Provost, Euzebe, Houston, Tex. Serving tray. 2,123,257; July 12.

Quinn, Ada, Ogden, Utah. Apron. 2,123,314; July 12.

Rabe, Karl, Stuttgart, Germany. Differential mechanism for motor vehicles and the like. 2,123,684; July 12.

Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,123,590; July 12.

Radio Corporation of America. (See Crosby, Murray G., assignor.)

Radio Corporation of America. (See Hansell, Clarence W., assignor.)

Radio Corporation of America. (See Massa, Frank, assignor.)

Radio Corporation of America. (See Timmer, Anton L., assignor.)

Radio Corporation of America. (See Warnke, Herbert R., assignor.)

Raizner, Nathan, New York, N. Y. Advertising device. 2,123,255; July 12.

Ramsey, Clifford H., Glen Rock, N. J. Take-up mechanism. 2,123,744; July 12.

Ramsey, Fred C. (See Peters, Fred J., assignor.)

Raney, Clemma R., Riverside, Ill., assignor to International Harvester Company. Sickle drive for harvesters. 2,123,547; July 12.

Ranger, Richard W., Newark, N. J. Musical instruction. 2,123,258; July 12.

Rasey, Walter H. (See Hiser, Romey W., assignor.)

Rauen, Carl F., Grosse Pointe, Mich. Sprag clutch. 2,123,202; July 12.

Raymond, Gwynne, assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Safety pressure device. 2,123,662; July 12.

Ream, Fred H., near Dayton, assignor of forty-five per cent to P. L. Sagebiel, Dayton, Ohio. Mechanical stoker. 2,123,802; July 12.

Reddie, James W. (See McFarlan, R. L., and Reddie.)

Redman, Frank R., Yardley, Pa. Multi-ply fabric. 2,123,474; July 12.

Rees, Burt L. (See Denbow, C. E., and Rees.)

Refining, Inc. (See Clayton, Benjamin, assignor.)

Refining, Inc. (See Clayton, B., Kerrick, and Stadt, assignors.)

Regenhardt, Walter F., Cleveland, Ohio. Cabinet construction. 2,123,803; July 12.

Reichel, Wladimir A., Philadelphia, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Making expansible diaphragms. 2,123,381; July 12.

Reinforced Paper Bottle Corporation. (See Joplin, William A., assignor.)

Remington Rand Inc. (See Hart, Frederick A., assignor.)

Renaux, Eugène P., Paris, and L. J. Renaux, Gargan-Livry, France. Engine mount. 2,123,578; July 12.

Renaux, Lucien J. (See Renaux, E. P. and L. J.)

Republic Fow Meters Company. (See Grisdale, George W., assignor.)

Republic Flow Meters Company. (See Handwerk, Otto T., assignor.)

Research Corporation. (See Engelman, Herman C., assignor.)

Research Corporation. (See Meston, Archibald F., assignor.)

Revere Copper and Brass Incorporated. (See Bunn, Edward S., assignor.)

Rice, John A., Berkeley, Calif., assignor to The Bubblestone Company, Pittsburgh, Pa. Apparatus for producing cellular concrete. 2,123,804; July 12.

Rich, Mortimer, et al. (See Davidson, Ashley A., assignor.)

Richardson, Nathan C., and R. B. Pekor, Columbus, Ga. Mop. 2,123,805; July 12.

Richmond, Fred H., St. Louis, Mo. Hair cutting cloth. 2,123,436; July 12.

Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose esters. 2,123,806; July 12.

Riggs, Lloyd K., Newark, N. J., and F. H. Clickner, Chicago, Ill., assignor to Kraft-Phenix Cheese Corporation. Protein mineral complex and making same. 2,123,203; July 12.

Rightsell, Earl F., Durham, N. C. Sanitary cover for a body organ. 2,123,343; July 12.

Ring, Harold B., Brooklyn, N. Y. Ski poles and hiking sticks. 2,123,437; July 12.

Roach, Floyd L., Kansas City, assignor, by mesne assignments, to Popmatic Manufacturing Company, St. Louis, Mo. Popcorn machine. 2,123,663; July 12.

Roberts, Millard J., N. Tonawanda, N. Y. Burner. 2,123,204; July 12.

Roberts, Oscar L., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,123,205; July 12.

Robinson, Charles A. (See Thomas, W. D., and Robinson.)

Robinson, Paul, Lansdowne, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins and compositions containing them. 2,123,206; July 12.

Rocher, Etienne J., Johannesburg, Transvaal, Union of South Africa. Timing mechanism. 2,123,382; July 12.

Rochester Manufacturing Company. (See Hastings, H., and Ford, assignors.)

Rogers, Lewis W., assignor to Hydraulic Coupling Patents Limited, London, England. Means for use in the rotary drilling of bore holes. 2,123,344; July 12.

Rogers, Victor E. (See Torgeson, G. A., and Rogers.)

Rohm & Haas Company. (See Helwig, Edward L., assignor.)

Rosenberg, Goldie, Brooklyn, N. Y. Drapery mounting. 2,123,745; July 12.

Rosenthal, Henry, New York, N. Y. Coffee and the treatment thereof. 2,123,207; July 12.

Rosenthal, Samuel, Cleveland, Ohio. Fly structure for overalls, trousers, and the like. 2,123,208; July 12.

Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,123,315; July 12.

Rost, Helge, Mexico, D. F., Mex. Insulated cable. 2,123,746; July 12.

Rost, Helge, Stocksund, Sweden. Electric cable. 2,123,209; July 12.

Rothen, Edward M., Bloomfield, N. J., assignor to Russell & Stoll Company, Inc., New York, N. Y. Locked lamp guard. 2,123,807; July 12.

Rotolo, Stella, Elizabeth, N. J. Headrest attachment for bathtubs. 2,123,316; July 12.

Rowe, Alvin V., Galesburg, Ill. Coat hanger. 2,123,259; July 12.

Royce, Harvey D., Savannah, Ga., assignor to The Southern Cotton Oil Company, New Orleans, La. Food composition and inhibiting oxygenation thereof. 2,123,863; July 12.

Ruppel, Wilhelm. (See Neresheimer, H., Ruppel, and Eichholz.)

Ruscetta, Ralph A. (See Clark, F. M., and Ruscetta.)

Russell & Stoll Company. (See Rothen, Edward M., assignor.)

Ryer, E. C. (See Bowers, Leverett T., assignor.)

Sachs, Abraham, Newark, N. J., assignor to M. Sachs, New York, N. Y. Sizing shoes and the like. 2,123,475; July 12.

Sachs, Mary. (See Sachs, Abraham, assignor.)

Sackner, Wade E., and J. E. Millett, Grand Rapids, Mich. Producing open mesh bags. 2,123,438; July 12.

Sagebiel, Perle L. (See Ream, Fred H., assignor.)

Samuels, Albert S., Company. (See Sloss, Harry, assignor.)

San Isabel Novelty Works Company. (See Hurlbut, Burt M., assignor.)

Sauerman, Ernst C., Chicago, Ill. Envelope machine. 2,123,548; July 12.

Savage, Joseph, Weston Point, Runcorn, England, assignor to Imperial Chemical Industries Limited. Degreasing. 2,123,439; July 12.

Schantz, Curtiss W., United States Navy. Projectometer. 2,123,210; July 12.

Schaufler, Gerhard. (See Müller, W., and Schaufler.)

Schiebeler, Carl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Control system. 2,123,747; July 12.

Schindhelm, Hans, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Metalliferous nitro-azo-dyestuffs. 2,123,748; July 12.

Schlafman, Clifford J., Dayton, Ohio. Air conditioning system. 2,123,440; July 12.

Schlesinger, Alfred, Aldwych, London, England. Inking apparatus. 2,123,476; July 12.

Schlesinger, Edgar E., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Railway car wall. 2,123,441; July 12.

Schless, Stefan, Freiburg in Breisgau, Germany. Making colored plates from mixtures of hydraulic binding agents and fibrous substances. 2,123,317; July 12.

Schlichenmaier, Hans. (See Kränzlein, G., Schlichenmaier, and Berlin.)

Schlichting, Otto. (See Koeberle, K., and Schlichting.)

Schlichting, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polyamino-1.9-anthrapyrimidines and producing them. 2,123,749; July 12.

Schneider, Ernst W., Berlin, Germany. Light metal pistons for internal combustion engines. 2,123,489; July 12.

Schneider, Fred E., Grand Junction, Colo. Doorknob lock. 2,123,808; July 12.

Scholler, Heinrich, Solln, near Munich, Germany. Saccharification of cellulose. 2,123,211; July 12.

Scholler, Heinrich, Solln, near Munich, Germany. Extraction. 2,123,212; July 12.

Schroeder, Hermann F., Milwaukee, Wis. Razor edge stropping device. 2,123,383; July 12.

Schulz, Paul A., Webster Groves, Mo., assignor to United Drug Company, Boston, Mass. Catamenial tampon. 2,123,750; July 12.

Schumacher, Guy F., Elmhurst, assignor to American Flyer Manufacturing Company, Chicago, Ill. Air whistle and control means therefor. 2,123,664; July 12.

Schwartz, Erich, Berlin, assignor to firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. High-vacuum cathode ray tube. 2,123,636; July 12.

Seitz, Henry C., Niles, Ohio. Deflector. 2,123,809; July 12.

Sellers, William, & Company. (See Cotta, Ralph L., assignor.)

Severin, Gordon, Oklahoma City, Okla. Magazine pencil. 2,123,810; July 12.

Sheedy, John M., Ontario, Calif. Valve. 2,123,477; July 12.

Shell Development Company. (See de Jong, Johan R., assignor.)

Shell Development Company. (See Yabroff, D. L., and Givens, assignors.)

Sherbondy, Henry H., Bala Cynwyd, Pa. Valve control apparatus. 2,123,637; July 12.

Shields, Jesse W., assignor to The Firestone Steel Products Company, Akron, Ohio. Weighted tractor wheel. 2,123,861; July 12.

Siebert, Willy, Neuenhagen, near Berlin, Germany, assignor to Chain Belt Company, Milwaukee, Wis. Valve for concrete pumps. 2,123,591; July 12.

Siemens-Reiniger-Werke Aktiengesellschaft. (See Niemann, C., and Bischoff, assignors.)

Siegal, Solomon, Brooklyn, assignor to Adjustable Louver Corporation, New York, N. Y. Ventilator. 2,123,751; July 12.

Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Wing attaching hull superstructure. 2,123,665; July 12.

Slick Company, The. (See Biberthaler, M. G., and Becher, assignors.)

Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Copper base alloy article for brazing and preparing it. 2,123,384; July 12.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,123,213; July 12.

Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,123,614; July 12.

Singer Manufacturing Company, The. (See Langille, Wilfred O., assignor.)

Sinko, John, Oak Park, Ill. Handwheel turning device. 2,123,811; July 12.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,123,685; July 12.

Sloss, Harry, Sausalito, assignor to Albert S. Samuels Company, San Francisco, Calif. Finger ring. 2,123,666; July 12.

Small, James W., Chicago, Ill. Trailer. 2,123,615; July 12.

Smith, Frank B. (See Mills, L. E., Smith, and Livak.)

Smidth, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)

Smith, Hobart F., Los Angeles, Calif. Light reflecting device. 2,123,478; July 12.

Smith, Joseph W., Cambridge, Ohio, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Mounting for ophthalmic lenses. 2,123,385; July 12.

Smith, William L., Jr. (See Lawson, R. H., and Smith.)

Smitmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for rolling strip. 2,123,291; July 12.

Smythe, Robert L. (See Steinmayer, A. G., and Smythe.)

Societe Alsacienne de Constructions Mecaniques. (See Hellmann, Josué, assignor.)

Societe Anonyme Air Equipment. (See Waseige, Charles R., assignor.)
Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain, Chauny & Cirey. (See Long, Bernard, assignor.)
Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Perrin, René, assignor.)
Société dite "Anciens Etablissements L. Chambon." (See Corse, Gaston, assignor.)
Socony-Vacuum Oil Company. (See Newton, Howard L., assignor.)
Soderstrom, Oscar W., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Machine for shaping the ends of coiled wire springs. 2,123,752; July 12.
Sorensen, Axel. (See Brandt, H. E., and Sorensen.)
Southern Cotton Oil Company, The. (See Royce, Harvey D., assignor.)
Special Equipment Company. (See Ewald, Mark, assignor.)
Specialty Papers Company, The. (See Wilshire, Van Hamm, assignor.)
Spencer, George D., assignor to Joseph Lucas Limited, Birmingham, England. Filling and vent plug for electric storage batteries. 2,123,479; July 12.
Spencer, John A., Newtonville, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Tubular cathode for electron-discharge devices. 2,123,686; July 12.
Squier, George K. (See Tear, H. R., and Squier.)
Stadt, Henry M. (See Clayton, B., Kerrick, and Stadt.)
Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chain fastener. 2,123,864; July 12.
Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Fastening means for tire chains. 2,123,865; July 12.
Stanco, Inc. (See Bahelka, Joseph, assignor.)
Standard-I.G. Company. (See Brown, Cecil L., assignor.)
Standard Mirror Company. (See La Hodny, W., and Barager, assignors.)
Standard Oil Company. (See Wilson, Robert E., assignor.)
Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
Standard Railway Equipment Manufacturing Company. (See Schlesinger, Edgar E., assignor.)
Stanley, Elisha M., Parkesburg, Pa. Road structure. 2,123,480; July 12.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Cathode construction. 2,123,386; July 12.
Staples, Crawford E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,123,753; July 12.
Staples, Oscar C., Tulsa, Okla. Variable hook-off device. 2,123,762; July 12.
Steccone, Ettore, Oakland, Calif. Squeegee. 2,123,638; July 12.
Steinmayer, Alwin G., Milwaukee, and R. L. Smythe, West Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Thermal transformer cut-out. 2,123,260; July 12.
Sterling Engraving Company. (See Groesbeck, Harry A., Jr., assignor.)
Sterling Products Company. (See Kehle, Ottmar A., assignor.)
Stevens, Dillon, et al. (See Stevens, R. L., and Dallas, assignors.)
Stevens, Robert L., and J. P. Dallas, Seattle, Wash., assignors of one-half to D. Stevens and one-half to M. B. Pendleton, Los Angeles, Calif. Apparatus for electrically testing materials. 2,123,812; July 12.
Stewart-Warner Corporation. (See Bystricky, Joseph, assignor.)
Stiles, Noel R., Billingshurst, England. Construction of handles. 2,123,813; July 12.
Stoddard, William B., and J. Berlin, New York, N. Y. Stabilized soluble stannite depilatory. 2,123,214; July 12.
Stone, John M., Geneva, Ill., assignor to Zenith Radio Corporation. Loud speaker. 2,123,442; July 12.
Strong, Frederick F. (See Bristow, L. J., and Strong.)
Sturtevant, B. F., Company. (See Blanchard, Charles E., assignor.)
Stutz, Fred W., et al. (See Hart, Herbert M., assignor.)
Sullivan Machinery Company. (See Noble, Warren, assignor.)
Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
Summers, John M., Russellville, Ala. Stop and waste valve. 2,123,814; July 12.
Sun Oil Company. (See Pearson, John M., assignor.)
Sundstrand Machine Tool Co. (See Granberg, B., and Swanson, assignors.)
Sussman, Wormser & Co. (See Wormser, Paul, assignor.)
Swanson, Fred R. (See Granberg, B., and Swanson.)
Swift, Carroll C., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Treating metal parts. 2,123,856; July 12.
Swift, Harvey C. (See Loweke, E. F., and Swift.)
Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Deflection compensating roll bearing assembly. 2,123,754; July 12.
Tark, Marcus B., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Dual digestion process for sewage. 2,123,387; July 12.
Taylor, Daniel C., Huntington Park, assignor to Turco Products Inc., Los Angeles, Calif. Dispenser. 2,123,318; July 12.
Taylor, Grace B., executrix. (See Taylor, John L.)
Taylor, John L., deceased, Milwaukee, Wis.; G. B. Taylor, executrix. Balancing machine. 2,123,443; July 12.
Taylor, Matthew M., and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile yarn. 2,123,261; July 12.
Taylor, William J. (See Thomas, N. M., and Taylor.)
Tear, Harry R., Evanston, and G. K. Squier, Highland Park, assignors to The Lubrication Corporation, Chicago, Ill. 2,123,755; July 12.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollman, Hans E., assignor.)
Teletypesetter Corporation. (See Potts, Louis M., assignor.)
Ten Broeck, Walter T. L., Dolok, Merangir, East Coast Sumatra, assignor to Wingfoot Corporation, Wilmington, Del. Treatment of latex. 2,123,862; July 12.
Texas Company, The. (See Knowles, Edwin C., assignor.)
Thibaudeau, Joseph E., Shawinigan Falls, Quebec, Canada. Boiler, furnace, or the like. 2,123,444; July 12.
Thomas, Dillwyn L., Butte, Mont. Measuring and surveying device. 2,123,216; July 12.
Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Molding multiflavored frozen confections. 2,123,215; July 12.
Thomas, Norman M., Brooklyn, and C. A. Hennessy, Syracuse, assignors to Joe Lowe Corporation, New York, N. Y. Wire rack. 2,123,837; July 12.
Thomas, Norman M., Brooklyn, and W. J. Taylor, Syracuse, assignors to Joe Lowe Corporation, New York, N. Y. Apparatus for molding confectionery products. 2,123,836; July 12.
Thomas, Upton B., Jr., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lead welding. 2,123,455; July 12.
Thomas, William D., Lynnfield, and C. A. Robinson, Salem, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in manufacturing boots and shoes. 2,123,292; July 12.
Thompson, Frank S., assignor to T. C. Thompson & Son, Limited, Manchester, England. Platen printing press. 2,123,516; July 12.
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,123,756; July 12.
Thompson, Sigurd, assignor of one-half to P. Moe, Poplar, Mont. Mirror and visor attachment for motor vehicles. 2,123,319; July 12.
Thompson, T. C., & Son, Limited. (See Thompson, Frank S., assignor.)
Timken Roller Bearing Company, The. (See Horger, Oscar J., assignor.)
Timmer, Anton L., Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifying system. 2,123,639; July 12.
Tollefsen, Reidar A. (See Klein, M., and Tollefsen.)
Torgeson, Gustav A., and V. E. Rogers, Madison, Wis. Paper bag distributor. 2,123,592; July 12.
Townsend, Rex, New York, N. Y. Cigarette package. 2,123,262; July 12.
Tret-O-Lite Company, The. (See De Groote, Melvin, assignor.)
Trubitz, Philip, assignor to S. Pass, Chicago, Ill. Slip cover. 2,123,667; July 12.
Trumbull Electric Manufacturing Company. (See Du Bois, Kenneth W., assignor.)
Tubize Chatillon Corporation. (See Moore, James E., assignor.)
Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Wheeled vehicle. 2,123,456; July 12.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Stove. 2,123,293; July 12.
Turano, Joe, Sacramento, Calif. Traffic signal device. 2,123,320; July 12.
Turco Products Inc. (See Taylor, Daniel C., assignor.)
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pick and pick weft replenishing loom. 2,123,321; July 12.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby knife guide. 2,123,322; July 12.
Tweddell, Oscar G., Detroit, Mich. Fuel injection pump. 2,123,815; July 12.
Uhlig, Charles H. (See Kehr, G. H., and Ertel, assignors.)
Underwood Elliott Fisher Company. (See Soderstrom, Oscar W., assignor.)
Underwood Elliott Fisher Company. (See Thompson, Russell G., assignor.)
Union Carbide & Carbon Corporation. (See Obert, Casin W., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Vaughn, Thomas H., assignor.)
Union Oil Company of California. (See Jones, P. H., and Babson, assignors.)

Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
Union Switch & Signal Company, The. (See Staples, Crawford E., assignor.)
United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
United Aircraft Corporation. (See Willgoos, Andrew V. D., assignor.)
United-Carr Fastener Corporation. (See Cox, Joseph F., assignor.)
United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)
United-Carr Fastener Corporation. (See Swift, Carroll C., assignor.)
United Drug Company. (See McFarlan, R. L., and Reddie, assignors.)
United Drug Company. (See Schulz, Paul A., assignor.)
United Engineering & Foundry Company. (See Smitmans, John A., assignor.)
United Engineering & Foundry Company. (See Talbot, Howard H., assignor.)
United Iron Works Company et al. (See Holzer, Hiram A., assignor.)
United Shoe Machinery Corporation. (See Anderson, Charles T., assignor.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)
United Shoe Machinery Corporation. (See Hart, Fred V., assignor.)
United Shoe Machinery Corporation. (See Noyes, Edward R., assignor.)
United Shoe Machinery Corporation. (See Thomas, W. D., and Robinson, assignors.)
United States Gauge Company. (See Klein, M., and Tollefsen, assignors.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Sewer Pipe Company. (See Miller, Charles H., assignor.)
Ure, George A., Bonnybridge, Scotland. Cooking range or stove. 2,123,668; July 12.
Usona Manufacturing Co. Inc. (See Williams, Robert G., assignor.)
Utsman, George W., West Hillsboro, assignor of one-fourth to R. O. Everett and one-fourth to S. M. Brockwell, Durham, N. C. Humidifier. 2,123,816; July 12.
Uytenbogaart, Johannes. (See Hartmann, A., and Uytenbogaart.)
Van de Lande, Leonardus M. F. (See Wibaut, J. P., van de Lande, and Wallagh.)
Van Deman, C. B., et al. (See McKee, Thomas, assignor.)
Van de Pol, Willem. (See Beynen, L. R., van Dorp, and van de Pol.)
Van Dorp, Bernard M. (See Beynen, L. R., van Dorp, and van de Pol.)
Van Leuven, John F., Los Angeles, Calif. Film developing apparatus. 2,123,445; July 12.
Van Praag, Harry, New York, N. Y. Undergarment. 2,123,616; July 12.
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Purification of metals. 2,123,617; July 12.
Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glide frame structure. 2,123,345; July 12.
Veenstra, John, Detroit, Mich. Lifesaving device. 2,123,446; July 12.
Victor Chemical Works. (See Knox, W. H., Jr., and Miller, assignors.)
Viguerie, Arthur C., Jr., Pasadena, Tex. Combined spring and steering mechanism. 2,123,388; July 12.
Vital, John H., New Orleans, La. Decoking and refining apparatus. 2,123,490; July 12.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Treatment of solid material with gaseous media. 2,123,593; July 12.
Vogele, Edward A., et al. (See Hart, Herbert M., assignor.)
Von der Ohe, August H., La Crosse, Wis. Case cart or truck. 2,123,669; July 12.
Von Mihály, Dénes, Berlin-Wilmersdorf, assignor to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany. Sound record. 2,123,323; July 12.
Waite, Fred M., Saranac Lake, N. Y. Shampoo apron. 2,123,447; July 12.
Walch, Frederick W., Newton Center, Mass., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Steam jet pump. 2,123,346; July 12.
Wallagh, Gerit W. A. (See Wibaut, J. P., van de Lande, and Wallagh.)
Wallis, Arthur R., Hadleight, and J. J. Cheesman, Sidcup, assignors to Gerrard Industries Limited, Brentford, England. Wire-tying apparatus for baling, packing, and the like. 2,123,263; July 12.
Wallis, Everett S., and W. A. Yarnall, Princeton, assignors to Merck & Co. Inc., Rahway, N. J. Production of hormones. 2,123,217; July 12.
Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
Walsh, Thomas J. (See Keitel, C. W., and Walsh.)
Walter, Harry L., University City, asignor to Ely & Walker Dry Goods Company, St. Louis, Mo. Display spacer. 2,123,264; July 12.
Wanshenk, Ossip B., New York, N. Y., assignor, by mesne assignments, to Kraft-Phenix Cheese Corporation, Chicago, Ill. Making therapeutic compounds. 2,123,218; July 12.
Ware, Marsden, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,123,347; July 12.
Wareing, George G., Blackfoot, Idaho. Automobile radio antenna. 2,123,389; July 12.
Warner, Arthur L., Elgin, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Pitman pin bearing. 2,123,757; July 12.
Warnke, Herbert R., Camden, N. J., assignor to Radio Corporation of America. Sound translating device. 2,123,640; July 12.
Warren, Harlow, Pittsburgh, Pa. Tape for Venetian blinds. 2,123,817; July 12.
Waseige, Charles R., Rueil-Malmaison, assignor to Societe Anonyme Air Equipment, Billancourt, Seine, France. Driving mechanism. 2,123,219; July 12.
Watkins, Charles W. (See Loose, K. D., Watkins, and Green.)
Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Making cylinder gears. 2,123,265; July 12.
Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Smash preventer for shuttle changing looms. 2,123,266; July 12.
Webby, Clive N., Riverlea, Taranaki, New Zealand. Valve for controlling high pressures. 2,123,324; July 12.
Weber, Max, Chicago, Ill. Air circulator. 2,123,448; July 12.
Weems, Guy E., Rotan, Tex. Rotary stalk chopper. 2,123,579; July 12.
Wegmann, Ernst, Kloten, Zurich, Switzerland. Labyrinth packing. 2,123,818; July 12.
Welch, John M., Houston, Tex. Front drive scooter. 2,123,390; July 12.
Weld, Foster E., Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Alternating current signaling system. 2,123,220; July 12.
Wells, Welton W., Englewood, N. J. Typewriter table. 2,123,687; July 12.
Wentworth, Theodore O., Cincinnati, Ohio. Dehydration of aqueous acetic acid. 2,123,348; July 12.
Wentz, Earl J., Danville, Va., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multiplier for looms. 2,123,267; July 12.
Wentzel, Lodwick J., Brooklyn, N. Y. Changeable letter sign and the like. 2,123,758; July 12.
Werme, J. A., et al. (See Holzer, Hiram A., assignor.)
Werme, J. A., Steel and Iron Works, et al. (See Holzer, Hiram A., assignor.)
Werntz, James H. (See Babcock, D. F., and Werntz.)
West, William H., assignor of one-half to C. W. Jones, Gadsden, Ala. Shuttle box tension releasing means. 2,123,819; July 12.
Western Electric Company. (See Franz, Erwin E., assignor.)
Western Electric Company. (See Pash, Robert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Buchanan, Leslie B. M., assignor.)
Westinghouse Electric and Manufacturing Company. (See Conrad, F., Aalborg, and French, assignors.)
Weston, Edward F., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,123,670; July 12.
Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
Wheless, Roger E., Shreveport, La. Log-cutting apparatus. 2,123,580; July 12.
Whipple, Earle C., Goffstown, N. H. Apparatus for cleaning eggs. 2,123,759; July 12.
White, John W., South Bend, Ind., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,123,618; July 12.
Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
Whitehead & Kales Company. (See Judd, Irving H., assignor.)
Whitehead, Otis L., Portland, Oreg. Display case. 2,123,680; July 12.
Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Watchcase. 2,123,688; July 12.
Whitfield, Joseph E., Grove City, Pa. Fluid pump. 2,123,391; July 12.
Whitman, Henry L., Los Angeles, Calif. Alloy. 2,123,449; July 12.
Wibaut, Johan P., L. M. F. van de Lande, and G. W. Wallagh, Amsterdam, Netherlands, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of 1,3-dichloro- and 1,3,5-trichlorobenzenes. 2,123,857; July 12.
Wiedbrauck, Erich. (See Fulda, W., Wiedbrauch, and Bliche.)
Wiegand, Edwin L., Pittsburgh, Pa. Electric heating apparatus. 2,123,294; July 12.
Wieners, Franz. (See Mieg, W., and Wieners.)
Wienholz, Albert E., Long Island City, N. Y. Stone cutting wire saw. 2,123,619; July 12.

Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Mineral oils. 2,123,641; July 12.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Producing a gasoline fraction of high antiknock grade. 2,123,642; July 12.
Wightman, Arthur I., Belding, assignor to H. F. Hittle, East Lansing, Mich. Exhaust deflector. 2,123,858; July 12.
Wilford, Edward B., and E. Daland, Philadelphia, Pa. Aircraft control. 2,123,392; July 12.
Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Internal combustion engine-rocker arm lubrication. 2,123,681; July 12.
Williams Company, The. (See Martin, Elmer R., assignor.)
Williams, Percy Q., Toledo, Ohio. Vacuum cup. 2,123,549; July 12.
Williams, Robert G., assignor to The Usona Manufacturing Co. Inc., Toledo, Ohio. Portable lamp. 2,123,491; July 12.
Wilshire, Van Hamm, assignor to The Specialty Papers Company, Dayton, Ohio. Laminated paper. 2,123,760; July 12.
Wilson & Bennett Manufacturing Company. (See Kaehler, Alfred, assignor.)
Wilson, Ellsworth M., Snyder, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for washing artificial threads. 2,123,689; July 12.
Wilson-Jones Company. (See Dawson, George H., assignor.)
Wilson, Ralph W., New York, N. Y. Closure for containers. 2,123,643; July 12.
Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Stabilized white oil. 2,123,457; July 12.
Winchester Repeating Arms Company. (See Burton, Frank F., assignor.)
Windsor, John F., Fairfield, assignor to The Bridgeport Hardware Manufacturing Corporation, Bridgeport, Conn. Tool handle. 2,123,393; July 12.
Wingate, Gerald H., London, England. Optical appliance. 2,123,682; July 12.
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Cramer, Howard I., assignor.)
Wingfoot Corporation. (See Ten Broeck, Walter T. L., assignor.)
Winkler, Nina C., et al., executors. (See Conradson, Pontus H.)
Winn, Sydney B., Lapeer, Mich. Automatic braking and uncoupling device. 2,123,820; July 12.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier protective system. 2,123,859; July 12.
Winthrop Chemical Company. (See Mietzsch, F., and Klarer, assignors.)
Wisconsin Machinery and Manufacturing Company. (See Brown, Otto W., assignor.)
Woehler, Henry G. and W. J., assignors to Niedringhaus, Inc., St. Louis, Mo. Structural holding clip. 2,123,458; July 12.
Woehler, Walter J. (See Woehler, Henry G. and W. J.)
Wolf, Ellwood W. (See Corbin, E. A., Jr., and Wolf.)
Wolff, Werner. (See Keyssner, E., and Wolff.)
Wolfson, Isadore D., Woodmere, N. Y. Facing band and multiple band strip. 2,123,620; July 12.
Wood, Garfield A., Detroit, Mich. Safety device for aeroplanes. 2,123,295; July 12.
Woodbridge, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating smokeless powder. 2,123,517; July 12.
Wormser, Paul, assignor to Sussman, Wormser & Co., San Francisco, Calif. Fruit pitting method. 2,123,644; July 12.
Worrall, Robert H., Washington, D. C. Radio circuit for channel reception. 2,123,221; July 12.
Worth Company, The. (See Nampa, Sulo M., assignor.)
Wright, Arthur, Forest Hills, N. Y. Process and apparatus for testing for sugar. 2,123,690; July 12.
Wright, Benjamin F., assignor to Chrysler Corporation, Detroit, Mich. Vehicle control apparatus. 2,123,349; July 12.
Wright, Walter F. (See Dall, Edward D., assignor.)
Wulff, Otto. (See Nicodemus, O., and Wulff.)
Xylos Rubber Company, The. (See Palmer, H. F., and Miller, assignors.)
Yabroff, David L., Oakland, and J. W. Givens, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating mercaptans. 2,123,492; July 12.
Yankovitch, Bozhidar M., Paterson, N. J. Garment hanger. 2,123,518; July 12.
Yarnall, Willis A. (See Wallis, E. S., and Yarnall.)
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Fractionally distilling hydrocarbon liquids. 2,123,821; July 12.
Young, Otis L., Pampa, Tex. Safety net. 2,123,268; July 12.
Zaiger, Louis, Lynn, Mass. Fan. 2,123,763; July 12.
Zehetmayr, Anton. (See Petersen, I., and Zehetmayr.)
Zeissl, Ignaz, Vienna, Austria. Engine with radially arranged working cylinders and piston scavenging pumps. 2,123,325; July 12.
Zellstoffabrik Waldhof. (See Noll, August, assignor.)
Zenith Radio Corporation. (See Stone, John M., assignor.)

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 12TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Clutch operating device for motor vehicles. E. G. Hill and H. W. Hey. Re. 20,794; July 5.
Combination lock, Self-closing. R. J. Buettner, R. A. Found, J. M. Muntner, J. J. Neitz, and F. C. Zanzig. Re. 20,791; July 12.
Containers, Forming. R. M. Bergstein. Re. 20,789; July 12.
Control system. J. H. S. Hamer. Re. 20,793; July 12.
Fastener, Separable. D. Merinsky. Re. 20,795; July 12.
Heat exchange plant. W. G. Novack and P. M. Schattschneider. Re. 20,796; July 5.
Joint device for welding shields, Headgear friction. F. M. Bowers. Re. 20,790; July 12.
Joint mechanism, Universal. H. Wollner. Re. 20,799; July 12.
Lathe. F. T. Potter. Re. 20,797; July 12.
Patterns into fur skins, Art and machine for cutting. H. Waag. Re. 20,798; July 12.
Steel, Plating. J. S. Nachtman. Re. 20,788; July 12.
Transmission system. E. H. J. C. Gillet. Re. 20,792; July 12.

LIST OF DESIGN INVENTIONS

Alphabet for forming monograms or the like. M. Chernow. 110,478; July 12.
Bar, Awning. C. D. Lowry. 110,438; July 12.
Bedspread. C. M. Jones. 110,519–20; July 12.
Bottle. N. F. Steuer. 110,504; July 12.
Box. E. L. Arneson. 110,512; July 12.
Box and support therefor, Combination mail. C. Geis. 110,430; July 12.
Brooch or similar article. G. Verrecchio. 110,469; July 12.
Brush. R. H. Goldman. 110,517; July 12.
Building. E. J. B. La Lumière. 110,466; July 12.
Bulb or the like, Hydrometer suction. L. Edelmann. 110,482; July 12.
Cabinet and washbasin, Combined duplex. S. B. Vaughn. 110,530; July 12.
Camera, Photographic. G. Fassin. 110,516; July 12.
Can or similar container. G. A. Sexton. 110,501; July 12.
Carton, Display. E. Funke. 110,485; July 12.
Case, Clock. R. Patten. 110,441; July 12.
Case for ophthalmic mountings. A. J. Pratt. 110,442; July 12.
Casing for a vanity mirror. O. C. Ritz-Woller. 110,499; July 12.
Clock and calendar, Combination. H. W. Lamport. 110,489; July 12.
Coat. I. Cohen. 110,479; July 12.
Coat. S. H. Dick. 110,480–1; July 12.
Coat. J. Kinzler. 110,523; July 12.
Coat. S. Lo Prete. 110,492; July 12.
Collar or similar article, Lace. W. F. Breuss. 110,476; July 12.
Collar or similar article, Lace. W. F. Breuss. 110,514; July 12.
Cooker, Steam pressure. E. O. Vits. 110,506; July 12.
Cribbage board. D. R. Paul. 110,495; July 12.
Dial plate. M. H. Rhodes. 110,529; July 12.
Dish or similar article. W. von Nessen. 110,507; July 12.
Doorframe. D. J. Baum. 110,452–61; July 12.
Dress. A. J. Kalmus. 110,521; July 12.
Dress. C. Kawaller. 110,522; July 12.
Dress. R. Kronman. 110,524; July 12.
Dress. H. Kushner. 110,525; July 12.
Fabric or the like, Lace. W. F. Breuss. 110,474–5; July 12.
Fabric, Printed. S. Oshima. 110,494; July 12.
Fabric, Textile. J. Antkies. 110,471–2; July 12.
Fabric, Textile. H. A. Schubart. 110,500; July 12.
Fabric, Textile. S. E. Staines. 110,503; July 12.
Game apparatus. A. R. Babcock. 110,473; July 12.
Glass. E. W. Fuerst. 110,483–4; July 12.
Grille or similar article, Window. J. F. Winn, Jr. 110,510; July 12.
Guard for firearms, Trigger. I. O. Mossberg. 110,526; July 12.
Handbag. F. N. Lewis. 110,490–1; July 12.
Heater. G. Wilmet. 110,509; July 12.
Holder for candles or other articles. R. S. Walker. 110,508; July 12.
Holder or similar article, Coin. W. A. Glover. 110,486; July 12.
Jar. G. R. Carpenter. 110,477; July 12.
Lamp, Standing. S. A. Pedersen. 110,496; July 12.
Lighting fixture. A. L. Arenberg. 110,451; July 12.
Lighting fixture or similar article. L. L. Stewart. 110,505; July 12.
Log spinner, Taffrail. C. E. Ellicott, Jr. 110,462; July 12.
Marker, Road. A. Sprung. 110,468; July 12.
Molding strip, Metal. C. D. Lowry. 110,432–7; July 12.
Molding strip, Metal. C. D. Lowry. 110,439–40; July 12.
Pencil. J. J. Sanders. 110,467; July 12.
Popcorn vending machine. M. A. Young. 110,511; July 12.
Rack, Display. A. E. Ritchie. 110,498; July 12.
Shoe. D. Levin. 110,431; July 12.
Shoe. B. Weiner. 110,449; July 12.
Shoe or similar article. B. Benjamin. 110,427; July 12.
Shoe or similar article. L. Sholtz. 110,443–8; July 12.
Shoe or similar article. A. Wertheim. 110,450; July 12.
Sign, Advertising. C. V. Hike. 110,488; July 12.
Skirt, Tennis. C. Mellen. 110,531; July 12.
Slip. I. Elster. 110,515; July 12.
Slipper. D. J. Calderazzo. 110,428–9; July 12.
Spark plug. P. D. Jackson. 110,518; July 12.
Stand, Display. W. Hansen. 110,487; July 12.
Stand, Smoking. K. Kipp. 110,463–4; July 12.
Stool, Bathroom tub. G. B. Bentz. 110,513; July 12.
Strain testing instrument. A. J. Oker. 110,527; July 12.
Tire. E. F. Wait. 110,470; July 12.
Trombone. R. B. Olds. 110,493; July 12.
Valve regulator. F. E. Rice. 110,528; July 12.
Vending machine. P. Rich. 110,497; July 12.
Vending machine. J. W. Srodulski. 110,502; July 12.
Wreath. P. Kranz and A. P. Schmid. 110,465; July 12.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 12TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abietinyl-amino-anthrapyrimidines. K. Koeberle and O. Schlichting. 2,123,246; July 12.
Abrasive product, Flexible coated. H. O. Anderson. 2,123,581; July 12.
Accelerators of vulcanization. H. I. Cramer. 2,123,845; July 12.
Acid, Dehydration of aqueous acetic. T. O. Wentworth. 2,123,348; July 12.
Acid, Production of highly concentrated nitric. T. Hobler. 2,123,467; July 12.
Acoustic device. N. Blount. 2,123,177; July 12.
Advertising device. N. Raizner. 2,123,801; July 12.
Aeroplanes, Safety device for. G. A. Wood. 2,123,295; July 12.
Air brake release valve, Automatic. S. Bogut. 2,123,164; July 12.
Air circulator. M. Weber. 2,123,448; July 12.
Air conditioning. B. Offen. 2,123,742; July 12.
Air conditioning system. L. W. Child. 2,123,693; July 12.
Air conditioning system. C. J. Schlafman. 2,123,440; July 12.
Air conditioning system, Summer-winter. G. D. Kingsland. 2,123,428; July 12.
Air conditioning system utilizing refrigeration. C. E. Blanchard. 2,123,352; July 12.
Aircraft control. E. B. Wilford and E. Daland. 2,123,392; July 12.
Aircraft in the air, Apparatus for refueling. A. J. Cobham. 2,123,648; July 12.
Aircraft wing, Monospar cantilever. H. Klemm. 2,123,429; July 12.
Aldehydes, Making. D. F. Babcock and J. H. Werntz. 2,123,520; July 12.
Aligner. G. Mafera. 2,123,484; July 12.
Alloy: *See*—
Palladium alloy.
Alloy. F. R. Hensel and E. I. Larsen. 2,123,629; July 12.
Alloy. H. L. Whitman. 2,123,449; July 12.
Alloy article for brazing and preparing it, Copper base. H. F. Silliman. 2,123,384; July 12.
Alloys. E. S. Bunn. 2,123,840; July 12.
Alloys, Copper base. F. R. Hensel and E. I. Larsen. 2,123,628; July 12.
Aluminum chloride, Preparing. W. S. Calcott. 2,123,766; July 12.
Aluminum compounds from aluminiferous minerals, Recovery of. W. Fulda, E. Wiedbrauck, and K. Bliche. 2,123,650; July 12.
Amides of aromatic dicarboxylic acids, Anthraquinonyl. W. Mieg and F. Wieners. 2,123,375; July 12.
Ammonium dithiocarbamate, Manufacture of. R. A. Mathes. 2,123,370; July 12.
Ammonium dithiocarbamate, Manufacturing of. R. A. Mathes. 2,123,371–3; July 12.
Ammonium nitrate of low weight per unit of volume, Preparing. I. Petersen and A. Zehetmayr. 2,123,661; July 12.
Amplifier. H. W. Bode. 2,123,178; July 12.
Amplifier, Electric wave. J. B. Harley. 2,123,241; July 12.
Amplifying system. A. L. Timmer. 2,123,639; July 12.
Animal trap. R. W. Miller. 2,123,789; July 12.
Antenna, Automobile radio. G. G. Wareing. 2,123,389; July 12.
Antenna bracket and antenna. J. L. Gilmore. 2,123,414; July 12.
Antitoxins and the like, Treatment of. I. A. Parfentjev. 2,123,198; July 12.
Anvil for stapling machines. R. Mitchell. 2,123,609; July 12.
Apparatus for rolling strip. J. A. Smitmans. 2,123,291; July 12.
Apparatus for stopping internal combustion engines or the like employing oil lubrication. H. Burschkies. 2,123,460; July 12.
Apparatus for transferring containers. W. P. Kellett. 2,123,424; July 12.
Apron. A. Quinn. 2,123,314; July 12.
Apron, Shampoo. F. M. Waite. 2,123,447; July 12.
Arch supporting apparatus. A. E. Block. 2,123,176; July 12.
Arm, Awning. S. H. Gibson. 2,123,828; July 12.
Articles for manipulating and containing materials, Forming. J. R. Morris. 2,123,543; July 12.
Articles, Preparing perforated metal. L. R. Beynen, B. M. van Dorp, and W. van de Pol. 2,123,297; July 12.
Attachment for internal combustion engines. L. H. Messinger, Jr. 2,123,515; July 12.
Attachment plug. T. McKee. 2,123,309; July 12.
Automobile bodies, Shipping. F. A. Isaacson. 2,123,362; July 12.
Automobile transmission. F. Kuehnel. 2,123,430; July 12.
Azo compounds. F. Mietzsch and J. Klarer. 2,123,634; July 12.
Bag: *See*—
Golf bag.
Bag distributor, Paper. G. A. Torgeson and V. E. Rogers. 2,123,592; July 12.
Bag frames, Making. J. F. Cox. 2,123,842; July 12.
Bag machine. J. Koenig. 2,123,508; July 12.
Bags, Producing open mesh. W. E. Sackner and J. E. Millett. 2,123,438; July 12.
Balancing machine. J. L. Taylor. 2,123,443; July 12.
Band and multiple band strip, Facing. I. D. Wolfson. 2,123,620; July 12.
Bath appliance. L. T. Bowers. 2,123,398; July 12.
Bearing: *See*—
Pitman pin bearing.
Bearing assembly, Deflection compensating roll. H. H. Talbot. 2,123,754; July 12.
Bearings, Making. R. D. Pike. 2,123,659–60; July 12.
Bed structure. J. Basile. 2,123,326; July 12.
Binder. C. C. Cruzan. 2,123,846; July 12.
Binding device. C. E. Emmer. 2,123,625; July 12.
Binding, Ski. E. Koller. 2,123,786; July 12.
Boiler, furnace, or the like. J. E. Thibaudeau. 2,123,444; July 12.
Boilers, Making range. P. L. Fowler. 2,123,169; July 12.
Bolster spring unit. A. Lerch, Jr. 2,123,702; July 12.
Boots and shoes, Making. L. H. Gilbert. 2,123,567; July 12.
Bore holes, Means for use in the rotary drilling of. L. W. Rogers. 2,123,344; July 12.
Bottle transfer device. W. A. Joplin. 2,123,363; July 12.
Brake. H. T. Pfeiffer. 2,123,379; July 12.
Brake. J. W. White. 2,123,618; July 12.
Brake drum. C. W. Sinclair. 2,123,614; July 12.
Brake equipment for articulated car. W. P. Kellett, Jr. 2,123,423; July 12.
Braking and uncoupling device, Automatic. S. B. Winn. 2,123,820; July 12.
Brooder. K. W. Du Bois. 2,123,671; July 12.
Buckles and like ornaments for personal wear. A. J. Eppink. 2,123,773; July 12.
Building device. V. A. Barnhart. 2,123,225; July 12.
Building insulation. L. D. Morton. 2,123,761; July 12.
Bulbs, Manufacture of reflector. O. H. Biggs. 2,123,706; July 12.
Burner. M. H. Keating and A. T. Larson. 2,123,365; July 12.
Burner. M. J. Roberts. 2,123,204; July 12.
Burner for hurricane lanterns. B. Nier. 2,123,794; July 12.
Cabinet: *See*—
Display cabinet.
Cabinet construction. J. M. Connelly. 2,123,403; July 12.
Cabinet construction. W. F. Regenhardt. 2,123,803; July 12.
Cable: *See*—
Electric cable. Insulated cable.
Calculating machine. E. Racz. 2,123,590; July 12.
Cam block for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,123,534; July 12.
Camera, Photographic. O. Barnack. 2,123,494; July 12.
Can: *See*—
Mixer can.
Car wall, Railway. E. E. Schlesinger. 2,123,441; July 12.
Carbonaceous materials, Producing extracts from solid. A. Pott and H. Broche. 2,123,380; July 12.
Carburetion system for engines. H. F. Bryan. 2,123,522; July 12.
Carburetor, Anterior throttle. A. Moore. 2,123,485; July 12.
Cart or truck, Case. A. H. von der Ohe. 2,123,669; July 12.
Case: *See*—
Cigarette case. Display case.
Casting and composing machine, Line. L. M. Potts. 2,123,200; July 12.
Catalyst and preparation and use, Hydrogenation. C. L. Brown. 2,123,623; July 12.
Catalyst composition and making same. C. W. Keitel and T. J. Walsh. 2,123,732; July 12.
Catamenial tampon. P. A. Schulz. 2,123,750; July 12.
Cathode construction. C. Stansbury. 2,123,386; July 12.
Cathode for electron discharge devices, Tubular. J. A. Spencer. 2,123,686; July 12.

Cathode ray tube, High-vacuum. E. Schwartz. 2,123,636; July 12.
Cellulose esters. G. W. Rigby. 2,123,806; July 12.
Cellulose, Saccharification of. H. Scholler. 2,123,211; July 12.
Cellulosic structure and preparing same. F. P. Alles. 2,123,493; July 12.
Chain: *See*—
Cutter chain.
Chain fastener. F. E. Stahl. 2,123,864; July 12.
Chair: *See*—
Folding chair.
Chlorobutenes, Production of. H. B. Dykstra. 2,123,504; July 12.
Chopper, Rotary stalk. G. E. Weems. 2,123,579; July 12.
Cigarette case. A. J. Campos. 2,123,692; July 12.
Cigarette extinguisher. M. de la Torre. 2,123,719; July 12.
Cigarette holder, Safety. E. S. Halsey. 2,123,466; July 12.
Cigarette package. R. Townsend. 2,123,262; July 12.
Circuit for retarding field generators, Modulation. H. E. Hollmann. 2,123,727; July 12.
Circuit switching device. R. R. Pittman and C. H. Walsh. 2,123,256; July 12.
Cistern for water closets and the like, Discharge. C. A. F. Kelly. 2,123,782; July 12.
Cleaner: *See*—
Cotton cleaner.
Cleaning, Process of. P. M. Paulson and I. D. Chambers. 2,123,434; July 12.
Clinker loosening means for coal stokers. P. Christiansen, Jr. 2,123,462; July 12.
Clip: *See*—
Holding clip. Spring clip.
Closure for collapsible tubes. C. E. Denbow and B. L. Rees. 2,123,694; July 12.
Closure for containers. R. W. Wilson. 2,123,643; July 12.
Cloth, Hair cutting. F. H. Richmond. 2,123,436; July 12.
Clutch: *See*—
Sprag clutch.
Clutching and speed-changing mechanism. J. Cotal. 2,123,770; July 12.
Coat hanger. A. V. Rowe. 2,123,259; July 12.
Coating compositions. Apparatus for distributing and spraying liquid or plastic. E. A. Johnson. 2,123,604; July 12.
Coffee and the treatment thereof. H. Rosenthal. 2,123,207; July 12.
Coffee maker. E. Fromwiller. 2,123,331; July 12.
Collar attachment. W. Gebrig. 2,123,601–2; July 12.
Collar support and necktie retainer. W. O. Dailey. 2,123,274; July 12.
Color changing indicator. W. H. Pratt. 2,123,743; July 12.
Column assembly. J. I. Adler. 2,123,621; July 12.
Compositions of matter, Hard. P. M. McKenna. 2,123,574–6; July 12.
Concrete, Apparatus for producing cellular. J. A. Rice. 2,123,804; July 12.
Confectionery products, Apparatus for molding. N. M. Thomas and W. J. Taylor. 2,123,836; July 12.
Confections, Molding multiflavored frozen. N. M. Thomas. 2,123,215; July 12.
Connecter: *See*—
Electrical connecter.
Connecting device. A. L. Keltner. 2,123,783; July 12.
Container: *See*—
Dispensing container. Powder container.
Film container. Refrigerator container.
Container. C. Doppelt. 2,123,454; July 12.
Container. E. C. Furrer. 2,123,723; July 12.
Container. E. W. Kahn. 2,123,731; July 12.
Container closure. A. Kaehler. 2,123,553; July 12.
Control device. E. Kinsella. 2,123,244; July 12.
Control device. M. Klein and R. A. Tollefsen. 2,123,652; July 12.
Control device. A. H. Lamb. 2,123,470; July 12.
Control mechanism, Mechanical. H. S. W. Böllinger and W. M. A. Gottschalck. 2,123,298; July 12.
Control of highway crossing signals, Apparatus for the. P. N. Martin. 2,123,538; July 12.
Control system. C. Schiebeler. 2,123,747; July 12.
Conveyer. R. S. Jacobsen. 2,123,189; July 12.
Coop, Poultry. A. T. Olson. 2,123,289; July 12.
Cotton cleaner. F. T. Court. 2,123,405; July 12.
Counter-balance, Detachable. H. A. Holzer. 2,123,587; July 12.
Counterbalance device. R. F. Hill. 2,123,676; July 12.
Counterbalance device. J. R. Mahan. 2,123,679; July 12.
Coupling: *See*—
Universal coupling.
Coupling for separable fasteners, Slider end stop coupling. D. Marinsky. 2,123,513; July 12.
Cover: *See*—
Slip cover.
Cover for a body organ, Sanitary. E. F. Rightsell. 2,123,343; July 12.
Coverings, Producing felt base floor. N. L. Campbell. 2,123,646; July 12.
Crusher, Ice. P. A. Eyrick and W. B. Hopkins. 2,123,827; July 12.
Cryptograph, Watch type. A. L. de Livi. 2,123,234; July 12.
Crystal holder. I. E. Fair. 2,123,236; July 12.
Cuff link. E. S. Mix. 2,123,790; July 12.
Cup: *See*—
Vacuum cup.
Curler, Hair. E. Kuhn. 2,123,421; July 12.
Curtain, Adjustable. H. Geller. 2,123,413; July 12.
Curtain lifter, Master. P. E. Baginski. 2,123,622; July 12.
Cutter chain. L. E. Simmons. 2,123,213; July 12.
Cutter for double fabric looms, Pile. O. V. Payne. 2,123,255; July 12.
Deck structure. I. H. Judd. 2,123,630; July 12.
Decoking and refining apparatus. J. H. Vital. 2,123,490; July 12.
Deflector. H. C. Seitz. 2,123,809; July 12.
Deflector, Exhaust. A. I. Wightman. 2,123,858; July 12.
Degreasing. J. Savage. 2,123,439; July 12.
Depilatory, Stabilized soluble stannite. W. B. Stoddard and J. Berlin. 2,123,214; July 12.
Depolarizing compositions from native manganese dioxide, e. g., pyrolusite, Production of. W. Müller and G. Schaufler. 2,123,250; July 12.
Device for attaching license plates. H. Golden. 2,123,527; July 12.
Device for delivering slips of memorandum paper. F. Martens. 2,123,514; July 12.
Device for displaying merchandise. W. S. Powers. 2,123,290; July 12.
Device for placing protective coverings automatically on the seats of water closets. C. Joriot. 2,123,469; July 12.
Device for stopping internal combustion engines or the like employing oil lubrication. H.-W. Burschkies. 2,123,461; July 12.
Diaphragms, Making expansible. W. A. Reichel. 2,123,381; July 12.
Die press. O. Oeckl. 2,123,683; July 12.
Differential mechanism for motor vehicles and the like. K. Rabe. 2,123,384; July 12.
Digestion process for sewage, Dual. M. B. Tark. 2,123,387; July 12.
Discharge device for chilling machines and the like. C. Doering. 2,123,596; July 12.
Dispenser: *See*—
Liquid dispenser.
Dispenser. D. C. Taylor. 2,123,318; July 12.
Dispenser. H. R. Tear and G. K. Squier. 2,123,755; July 12.
Dispensing container. H. L. Newton. 2,123,741; July 12.
Dispensing device. H. D. Ayars. 2,123,223; July 12.
Dispensing device. E. Latocha. 2,123,606; July 12.
Display cabinet. E. R. Forthoffer. 2,123,774; July 12.
Display case. C. R. Anderson. 2,123,394; July 12.
Display case. O. L. Whitehead. 2,123,680; July 12.
Display device. H. L. Hollis. 2,123,361; July 12.
Display device and folder. L. P. Neher. 2,123,610; July 12.
Display spacer. H. L. Walter. 2,123,264; July 12.
Documents, Detecting alterations of. J. Ehrlich. 2,123,597; July 12.
Doorknob. S. P. Morgen. 2,123,539; July 12.
Doorknob lock. F. E. Schneider. 2,123,608; July 12.
Door operating mechanism, Coke oven. R. Berg. 2,123,521; July 12.
Dough preparing machine. K. D. Loose, C. W. Watkins, and J. W. Green. 2,123,703; July 12.
Drapery mounting. G. Rosenberg. 2,123,745; July 12.
Drill construction, Core. A. C. Catland and P. C. Efromson. 2,123,453; July 12.
Drill press, Safety. J. Kosman and J. Alterman. 2,123,337; July 12.
Drilling fluids, Reconditioning. P. H. Jones and E. C. Babson. 2,123,282; July 12.
Drills, Automatic feed for rock. A. H. Katterjohn. 2,123,364; July 12.
Drink mixer. G. L. Briggs. 2,123,496; July 12.
Drive, Combined boring and milling machine. R. L. Cotta. 2,123,649; July 12.
Drive mechanism for shaker conveyers. W. W. Sloane. 2,123,685; July 12.
Driving mechanism. E. C. Ekstromer. 2,123,184; July 12.
Driving mechanism. C. R. Waselge. 2,123,219; July 12.
Drying method and apparatus. B. Offen. 2,123,341; July 12.
Duct, Air. C. W. Fawcett. 2,123,410; July 12.
Dyestuffs of the anthraquinone series and preparing them, Oxazole. G. Kränzlein, H. Schlichenmaier, and L. W. Berlin. 2,123,834; July 12.
Dyestuffs of the pyrazine series, Vat. H. Neresheimer, W. Ruppel, and W. Eichholz. 2,123,251; July 12.
Earth filler, Alkaline. O. Kress and C. E. Johnson. 2,123,173; July 12.
Edible substances, Producing. T. M. Godfrey and W. J. Paterson. 2,123,332; July 12.
Eggs, Apparatus for cleaning. E. C. Whipple. 2,123,759; July 12.
Electric cable. H. Rost. 2,123,209; July 12.
Electric initiator. L. A. Burrows and G. A. Noddin. 2,123,691; July 12.
Electrical connecter. C. H. Koehler. 2,123,631; July 12.
Electrical measuring instrument. E. F. Weston. 2,123,670; July 12.

Electrical measuring method and apparatus. J. M. Pearson. 2,123,545; July 12.
Electrode rapping. H. C. Engelman. 2,123,464; July 12.
Electrode rapping. A. F. Meston. 2,123,473; July 12.
Engine: *See*—
Internal combustion engine.
Engine. R. E. Mayo and E. W. Jackson. 2,123,433; July 12.
Engine rocker-arm lubrication, Internal combustion. A. V. D. Willgoos. 2,123,681; July 12.
Engine with radially arranged working cylinders and piston scavenging pumps. I. Zeissl. 2,123,325; July 12.
Engines, Starting internal combustion. A. Callsen. 2,123,711; July 12.
Enlarging apparatus. L. Leitz and C. Luz. 2,123,510; July 12.
Envelope machine. E. C. Sauerman. 2,123,548; July 12.
Erasing machine, Electric. L. J. Misuraca. 2,123,339; July 12.
Esters of urea-alkylene oxide condensation products. M. De Groote. 2,123,718; July 12.
Esters, Thiocyano-fatty acid. A. K. Epstein and B. R. Harris. 2,123,186; July 12.
Ethers of 2-methyl-3-chloro-tetrahydrofurane, Manufacture of. M. Klingenfuss. 2,123,653; July 12.
Exercising device. M. Broberg. 2,123,765; July 12.
Extraction. H. Scholler. 2,123,212; July 12.
Fabric: *See*—
Inlaid knitted fabric. Multi-ply fabric.
Facsimile recording tube. W. G. H. Finch. 2,123,721; July 12.
Fan. L. Zaiger. 2,123,763; July 12.
Fastener: *See*—
Chain fastener. Separable fastener.
Fastener for umbrella covers. C. and N. Filchtenfeld. 2,123,722; July 12.
Fastening device. P. F. Berry. 2,123,764; July 12.
Fastening means for tire chains. F. E. Stahl. 2,123,865; July 12.
Feeding mechanism or the like. C. L. Mattison. 2,123,432; July 12.
Film and making same, Nonfibrous. N. N. Kojevnikoff. 2,123,700; July 12.
Film container, Motion picture. H. Becker. 2,123,495; July 12.
Film developing apparatus. J. F. Van Leuven. 2,123,445; July 12.
Finger ring. H. Sloss. 2,123,666; July 12.
Fish hook. C. J. E. Eliason. 2,123,598; July 12.
Fishing tool. A. H. Neilson. 2,123,791; July 12.
Fixture, Article display. F. E. Elmer. 2,123,695; July 12.
Floor or flooring material, Flexible wood. A. Elmendorf. 2,123,409; July 12.
Fluid dispensing apparatus. N. A. Lewis. 2,123,737; July 12.
Fluid measurement apparatus. E. Pelich. 2,123,577; July 12.
Fluid pump. J. E. Whitfield. 2,123,391; July 12.
Fluids, Apparatus for mixing. J. B. Elliot and F. Klaeden. 2,123,185; July 12.
Fluorine from phosphoric acid, Removal of. W. H. Knox, Jr., and W. S. Miller. 2,123,785; July 12.
Flush valve. W. Glynn. 2,123,356; July 12.
Fly structnre for overalls, trousers, and the like. S. Rosenthal. 2,123,208; July 12.
Folding apparatus and method. M. M. Balsam. 2,123,175; July 12.
Folding chair. C. H. Oermann. 2,123,613; July 12.
Food composition and inhibiting oxygenation thereof. H. D. Royce. 2,123,863; July 12.
Fruit pitting method. P. Wormser. 2,123,644; July 12.
Fuel control and regulation. J. H. Grayson. 2,123,829; July 12.
Fuel injection pump. O. G. Tweddell. 2,123,815; July 12.
Game apparatus. W. V. Middleton. 2,123,195; July 12.
Game, Ball rolling. H. G. Breitenstein. 2,123,823; July 12.
Garment, Foundation. P. Z. Gordon. 2,123,848; July 12.
Garment hanger. W. G. Luecke. 2,123,369; July 12.
Garment hanger. B. C. Place. 2,123,797; July 12.
Garment hanger. B. M. Yankovitch. 2,123,518; July 12.
Gas mask equipment. F. C. Millard. 2,123,196; July 12.
Gasoline fraction of high antiknock grade, Producing a. P. J. Wiezevich, now by change of name P. J. Gaylor. 2,123,642; July 12.
Gathering and loading machine. F. Cartlidge. 2,123,328; July 12.
Gauge: *See*—
Raker gauge.
Gauge. C. H. Antrim. 2,123,395; July 12.
Gauge construction. H. Hastings and G. E. Ford. 2,123,532; July 12.
Gauge for punches, Back. G. H. Dawson. 2,123,170; July 12.
Gear: *See*—
Speed changing gear.
Gear finishing machine. W. F. Dalzen. 2,123,717; July 12.
Gears, Making cylinder. W. M. Wattie. 2,123,265; July 12.
Generator: *See*—
Steam generator.
Glass, Manufacture of multicellular. B. Long. 2,123,536; July 12.
Glass, Melting and refining. W. A. Morton. 2,123,544; July 12.
Glider frame structure. L. Vavrik. 2,123,345; July 12.
Golf bag. T. S. Cart. 2,123,550; July 12.
Guard, Foot. J. Grier and L. J. Hopkins. 2,123,417; July 12.
Guard, Locked lamp. E. M. Rothen. 2,123,807; July 12.
Guardrail, Highway. L. S. Cain. 2,123,167; July 12.
Gum base containing cyclic aromatic petroleum resins, Chewing. G. A. Hatherell. 2,123,531; July 12.
Hair, Method of and apparatus for waving. G. W. Peterson. 2,123,378; July 12.
Hair waving apparatus. H. W. Ferguson. 2,123,566; July 12.
Halogen-nitro-alcohols and preparing them, Aliphatic. O. Nicodemus and O. Wulff. 2,123,556; July 12.
Hammer, Power. A. F. Cresien. 2,123,563; July 12.
Handbag, Lady's. H. Felmann. 2,123,411; July 12.
Handle: *See*—
Tool handle.
Handle assembly for boxes and the like. A. L. Crowell. 2,123,771; July 12.
Handle, Construction of. N. R. Stiles. 2,123,813; July 12.
Handwheel turning device. J. Sinko. 2,123,811; July 12.
Hanger: *See*—
Coat hanger. Garment hanger.
Hard substances, Apparatus for cutting. A. L. Ball. 2,123,705; July 12.
Header construction for rolls. R. R. Clements. 2,123,401; July 12.
Headgear, Protective. J. B. Dym. 2,123,275; July 12.
Headrest attachment for bath tubs. S. Rotolo. 2,123,316; July 12.
Heat economizer. C. W. Obert. 2,123,612; July 12.
Heat treatment of hydrocarbon gases. W. J. Podbielniak. 2,123,799; July 12.
Heating apparatus, Electric. E. L. Wiegand. 2,123,294; July 12.
Heels, Method and apparatus for operating on. A. F. Ball and G. A. Craig. 2,123,269; July 12.
Helmet for therapeutic scalp treatments. L. M. Crosley and F. E. Johnston. 2,123,418; July 12.
Hides, skins, and leather, Treatment of. A. O. Jaeger and R. Herrlinger. 2,123,832; July 12.
Holder: *See*—
Cigarette holder. Crystal holder.
Holding clip, Stabilized. H. G. and W. J. Woehler. 2,123,458; July 12.
Hood, Engine silencing. F. P. Grutzner. 2,123,358; July 12.
Hook-off device, Variable. O. C. Staples. 2,123,762; July 12.
Hormones, Production of. E. S. Wallis and W. A. Yarnall. 2,123,217; July 12.
Horn protector. B. W. Henderson. 2,123,603; July 12.
Hosiery, Artificial silk. A. Hartmann and J. Uytenbogaart. 2,123,675; July 12.
Hull superstructure, Wing attaching. I. I. Sikorsky. 2,123,665; July 12.
Humidifier. G. W. Utsman. 2,123,816; July 12.
Hydrocarbon liquids, Fractionally distilling. M. P. Youker. 2,123,821; July 12.
Identification device for motor vehicles and operators. V. S. Powell. 2,123,800; July 12.
Illuminating equipment. A. P. Ebrite. 2,123,408; July 12.
Illumination control system. R. B. Hunter. 2,123,729; July 12.
Impedance controlling apparatus. O. T. Handwerk. 2,123,725; July 12.
Implement attachment for tractors. J. Morkovski. 2,123,555; July 12.
Indicator: *See*—
Color changing indicator.
Inhaler. S. G. Catt. 2,123,353; July 12.
Inhaling apparatus. M. Hausmann. 2,123,334; July 12.
Inhibitors, Treatment of. J. C. Morrell. 2,123,540–2; July 12.
Inking apparatus. A. Schlesinger. 2,123,476; July 12.
Inlaid knitted fabric. H. Fleisher. 2,123,847; July 12.
Insecticide and making same. J. F. Les Veaux. 2,123,190–1; July 12.
Insecticide, Making. J. F. Les Veaux. 2,123,192; July 12.
Insole, Orthopedic. C. T. Anderson. 2,123,481; July 12.
Insulated cable. H. Rost. 2,123,746; July 12.
Internal combustion engine. C. Carrington. 2,123,452; July 12.
Internal combustion engine. W. E. George and W. J. Borer. 2,123,279; July 12.
Internal combustion engine. C. C. Groth. 2,123,302; July 12.
Internal combustion engine. W. E. Hood. 2,123,306; July 12.
Internal combustion engine. M. Ware. 2,123,347; July 12.

Internal combustion engine, Two-stroke. M. Kadenacy. 2,123,569; July 12.
Iron parts to masonry of all kinds, Securing. O. Meyer. 2,123,310; July 12.
Ironing machine. E. F. Loweke and H. C. Swift. 2,123,368; July 12.
Jar cleaning machine. J. Babelka. 2,123,594; July 12.
Journal box lubricator. G. McCormick. 2,123,654; July 12.
Key seating attachment for lathes. D. A. McNaughton. 2,123,788; July 12.
Knife guide, Dobby. R. C. Turner. 2,123,322; July 12.
Knife, Peeling. M. Ewald. 2,123,187; July 12.
Knitting machine. A. M. Müller. 2,123,739; July 12.
Knitting machine and method. R. H. Lawson and A. N. Cloutier. 2,123,284; July 12.
Knitting machine and method of knitting. R. H. Lawson and A. N. Cloutier. 2,123,701; July 12.
Knitting machine, Spring needle. R. H. Lawson. 2,123,535; July 12.
Labels, Apparatus for cutting, embossing, and adhering. G. Papp and W. Meyer. 2,123,377; July 12.
Lamp: *See*—
Portable lamp.
Lamp for road vehicles. D. M. Peill and N. Macintyre. 2,123,435; July 12.
Lamp with automatic regulation of the negative electrode, Arc. H. Beck. 2,123,645; July 12.
Lap preventer. W. M. Camp. 2,123,499; July 12.
Latex, Treatment of. W. T. L. Ten Broeck. 2,123,862; July 12.
Lead welding. U. B. Thomas, Jr. 2,123,455; July 12.
License plate fastener. F. J. Peters. 2,123,796; July 12.
Lifesaving device. J. Veenstra. 2,123,446; July 12.
Lifter: *See*—
Curtain lifter.
Light reflecting device. H. F. Smith. 2,123,478; July 12.
Lighter and holder, Cigarette. H. H. Hite. 2,123,779; July 12.
Lighting fixture, Sewing machine. W. O. Langille. 2,123,483; July 12.
Lightning arrester. C. W. Hansell. 2,123,333; July 12.
Linear measurements, Apparatus for obtaining. W. E. Harris. 2,123,360; July 12.
Liquid conditioning system. H. G. Mojonnier. 2,123,340; July 12.
Liquid dispenser. L. A. Klemm. 2,123,784; July 12.
Lock: *See*—
Door knob lock. Permutation lock.
Lock and door retainer, Combined. A. Haberstump. 2,123,303; July 12.
Lock switch. E. N. Jacobi. 2,123,507; July 12.
Locking mechanism. E. D. Dall. 2,123,525; July 12.
Log-cutting apparatus. R. E. Wheless. 2,123,580; July 12.
Loom: *See*—
Pick and pick weft replenishing loom.
Loom. W. H. Baker. 2,123,595; July 12.
Loud speaker. J. M. Stone. 2,123,442; July 12.
Louver for railway cars. B. C. Baade. 2,123,838; July 12.
Lubricating apparatus. J. Bystricky. 2,123,451; July 12.
Lubricating device. O. B. Clark. 2,123,712; July 12.
Lubricating device. P. H. Conradson. 2,123,168; July 12.
Lubricating means. J. L. Creveling. 2,123,404; July 12.
Lubricator: *See*—
Journal box lubricator.
Lubricator. W. Noble. 2,123,197; July 12.
Lug, Solderless. F. Frankel. 2,123,506; July 12.
Machine for booking matches. J. R. Nolan. 2,123,252; July 12.
Machine for making pie rims. A. E. Clark and J. F. Kohler. 2,123,230; July 12.
Machine for pressing the bottoms of shoes. F. V. Hart. 2,123,281; July 12.
Machine for shaping the ends of coiled wire springs. O. W. Soderstrom. 2,123,752; July 12.
Machine for use in manufacturing boots and shoes. W. D. Thomas and C. A. Robinson. 2,123,292; July 12.
Machine tool. B. Granberg and F. R. Swanson. 2,123,530; July 12.
Magnetron. H. E. Hollmann. 2,123,728; July 12.
Match-strip feeding mechanism for match booking machines. L. E. Parker. 2,123,487; July 12.
Material, Apparatus for winding. E. E. Franz. 2,123,238; July 12.
Material, Insulating and waterproofing. A. C. Fischer. 2,123,696; July 12.
Material with gaseous media, Treatment of solid. M. Vogel-Jorgensen. 2,123,593; July 12.
Materials and articles made therefrom, Treating textile. J. S. Craik. 2,123,562; July 12.
Materials, Apparatus for electrically testing. R. L. Stevens and J. P. Dallas. 2,123,812; July 12.
Materials, Apparatus for the manufacture or treatment of textile. H. Dreyfus. 2,123,235; July 12.
Materials comprising cellulose derivatives, Coloration of. A. R. Murphy and D. E. Kvalnes. 2,123,740; July 12.
Measuring and surveying device. D. L. Thomas. 2,123,216; July 12.
Measuring instrument. G. W. Grisdale. 2,123,724; July 12.
Measuring instrument. K. Moeger. 2,123,376; July 12.
Meat processing. F. Kabus. 2,123,336; July 12.
Member for reinforced concrete structures, Reinforcing. H. Griffel. 2,123,239; July 12.
Mercaptans, Separating. D. L. Yabroff and J. W. Givens. 2,123,492; July 12.
Metal parts, Treating. C. C. Swift. 2,123,856; July 12.
Metals and alloys, Method of extruding. A. B. Graham. 2,123,416; July 12.
Metals, Bonding ferrous and nonferrous. H. E, Deputy. 2,123,181; July 12.
Metals, Dephosphorizing. R. Perrin. 2,123,658; July 12.
Metals or metal compounds from complex ores, Recovery of valuable. A. Hammarberg. 2,123,240; July 12.
Metals, Purification of. T. H. Vaughn. 2,123,617; July 12.
Mirror. W. LaHodny and A. T. Barager. 2,123,431; July 12.
Mirror and visor attachment for motor vehicles. S. Thompson. 2,123,319; July 12.
Mixer: *See*—
Drink mixer.
Mixer can. A. Galante. 2,123,600; July 12.
Monograms, ornaments, and the like. O. F. Meissner. 2,123,704; July 12.
Mop. N. C. Richardson and R. B. Pekor. 2,123,805; July 12.
Mosaic and translucent surface. B. C. Gardner. 2,123,412; July 12.
Mothproofing composition. H. Martin and R. Hirt. 2,123,572; July 12.
Motor control. G. F. Drake. 2,123,182; July 12.
Motor control valve. H. S. Ackerman. 2,123,519; July 12.
Motor suspension. E. K. Benedek. 2,123,226; July 12.
Motor vehicle. A. G. Herreshoff. 2,123,335; July 12.
Motor vehicle. H. Hierta. 2,123,305; July 12.
Motor vehicle. P. F. Rossmann. 2,123,315; July 12.
Mount, Engine. E. P. and L. J. Renaux. 2,123,578; July 12.
Mount for firearm sights, Removable. F. F. Burton. 2,123,273; July 12.
Mounting: *See*—
Drapery mounting.
Mounting for ophthalmic lenses. J. W. Smith. 2,123,385; July 12.
Multiplier for looms. E. J. Wentz. 2,123,267; July 12.
Multi-ply fabric. F. R. Redman. 2,123,474; July 12.
Musical instruction. R. W. Ranger. 2,123,258; July 12.
Naphthene-hydrocarbon-amino-anthrapyrimidines. K. Koeberle and O. Schlichting. 2,123,245; July 12.
Necktie. J. Gutiérrez. 2,123,775; July 12.
Negatives, Producing screen. H. A. Groesbeck, Jr. 2,123,830; July 12.
Net, Safety. O. L. Young. 2,123,268; July 12.
Nippers for skin and finger nails. C. G. Grah and P. Giesen. 2,123,357; July 12.
Nitro-azo-dyestuffs, Metalliferous. H. Schindhelm. 2,123,748; July 12.
Nitro-celluloses, Manufacture of. A. Noll. 2,123,611; July 12.
Nozzle. E. J. Dillman. 2,123,826; July 12.
Nozzle and meter, Combination dispensing. J. C. Miller. 2,123,656; July 12.
Nuts, Making threaded. J. F. Cox. 2,123,843; July 12.
N-vinyl compounds, Production of. E. Keyssner. 2,123,733; July 12.
N-vinyl componds, Production of. E. Keyssner and W. Wolff. 2,123,734; July 12.
Oil, Dewaxing wax-bearing mineral. E. C. Knowles. 2,123,833; July 12.
Oil, Stabilized white. R. E. Wilson. 2,123,457; July 12.
Oil treatment, Hydrocrbon. O. L. Roberts. 2,123,205; July 12.
Oil, Treatment of hydrocarbon. M. R. Mandelbaum. 2,123,194; July 12.
Oiler, Scalp. H. C. Altheide. 2,123,558; July 12.
Oils, Hydrogenation of fatty. W. J. Paterson. 2,123,342;
Oils, Mineral. P. J. Wiezevich, now, by change of name, P. J. Gaylor. 2,123,641; July 12.
Oils, Refining blended lubricating. E. M. Dons and D. B. Mapes. 2,123,503; July 12.
Opener, Latch. A. Gagné. 2,123,551; July 12.
Optical appliance. G. H. Wingate. 2,123,682; July 12.
Package and closure therefor, Sealed. F. R. Perkins. 2,123,546; July 12.
Packer and setting tool. W. L. Church. 2,123,500; July 12.
Packing, Labyrinth. E. K. Wegmann. 2,123,818; July 12.
Pad: *See*—
Steel wool pad.
Paint, Pitch. G. W. Bennett. 2,123,560; July 12.
Palladium alloy. O. Feussner and A. Jedele. 2,123,330; July 12.
Paper, Laminated. V. Wilshire. 2,123,760; July 12.
Paper, Making washable. C. G. Bright. 2,123,399; July 12.
Paste applying device. D. Parks. 2,123,313; July 12.
Peat and making same, Insoluble reaction products of. L. N. Markwood. 2,123,248; July 12.
Pedal for motor vehicles, Accelerator. J. P. Gibbons, Jr. and J. A. Davant. 2,123,299; July 12.
Pen, Fountain. F. C. Dell. 2,123,406; July 12.

Pen, Fountain. R. B. Kingman. 2,123,427; July 12.
Pencil, Magazine. G. Severin. 2,123,810; July 12.
Pencil sharpening device. H. Lobel and L. Di Spalatro. 2,123,511; July 12.
Permutation lock. D. M. Bell. 2,123,270; July 12.
Phosphorus, Purification of crude. S. Klosky. 2,123,554; July 12.
Photography, Apparatus for making process shots in motion picture. S. Goosson. 2,123,529; July 12.
Piano action. A. A. Davidson. 2,123,526; July 12.
Piano action. A. Klein. 2,123,736; July 12.
Pick and pick weft replenishing loom. R. G. Turner. 2,123,321; July 12.
Picture apparatus, Motion. F. Conrad, C. Aalborg, and O. B. French. 2,123,624; July 12.
Piepan. E. O. Hallmark. 2,123,359; July 12.
Piezoelectric device. C. A. Bieling. 2,123,227; July 12.
Pigment, Calcium sulphate-zinc sulphide. M. L. Hanahan and J. D. Prince. 2,123,698; July 12.
Pipes in the earth, Apparatus for manufacturing drain. H. Janert. 2,123,243; July 12.
Piston blank, Slipper-type. O. W. Brown. 2,123,165; July 12.
Pistons for internal combustion engines, Light metal. E. W. Schneider. 2,123,489; July 12.
Pitman pin bearing. A. L. Warner. 2,123,757; July 12.
Plant parasiticidal vapors, Forming. B. Clayton, W. B. Kerrick, and H. M. Stadt. 2,123,767; July 12.
Platen printing press. F. S. Thompson. 2,123,516; July 12.
Plates from mixtures of hydraulic binding agents and fibrous substances, Making colored. S. Schless. 2,123,317; July 12.
Platform, Skid. C. L. Clark. 2,123,714; July 12.
Plug: *See*—
  Attachment plug.
Plug for electric storage batteries, Filling and vent. G. D. Spencer. 2,123,479; July 12.
Plug or outlet, Electric. C. W. Kautz, Jr. 2,123,422; July 12.
Polishing apparatus. A. E. Hamilton. 2,123,171; July 12.
Polyamino-1,9-anthrapyrimidines and producing them. O. Schlichting. 2,123,749; July 12.
Polymerization products, Production of. H. Fikentscher and C. Heuck. 2,123,599; July 12.
Poly-nitro compounds of 3-cyclohexyl-phenol. L. E. Mills, F. B. Smith, and J. Livak. 2,123,854; July 12.
Popcorn machine. F. I. Roach. 2,123,663; July 12.
Portable lamp. R. G. Williams. 2,123,491; July 12.
Positioning and locking mechanism, Combination. C. B. De Vlieg. 2,123,825; July 12.
Powder container. J. F. Cunninghame. 2,123,501; July 12.
Powder or the like, Method and apparatus for spraying. P. G. Marr. 2,123,537; July 12.
Powder, Treating smokeless. R. G. Woodbridge. 2,123,517; July 12.
Press: *See*—
  Die press. Platen printing press.
  Drill press.
Pressing device. S. Cohn. 2,123,402; July 12.
Projectometer. C. W. Schantz. 2,123,210; July 12.
Propeller, Automatic variable pitch. D. G. Lilley. 2,123,193; July 12.
Propeller, Thrust-relieved. M. M. Munk. 2,123,657; July 12.
Protective means for electrolytic devices. F. M. Clark and R. A. Ruscetta. 2,123,713; July 12.
Protector: *See*—
  Horn protector.
Protein mineral complex and making same. L. K. Riggs and F. H. Clickner. 2,123,203; July 12.
Pump: *See*—
  Fluid pump. Spray pump.
  Fuel injection pump. Steam jet pump.
  Self-priming centrifugal pump.
Pump. C. J. Huber. 2,123,781; July 12.
Pump rods and the like, Apparatus for varying the stroke of. E. F. N. McGauchie. 2,123,374; July 12.
Pumping mechanism. E. C. Ekstromer. 2,123,183; July 12.
Pyrotechnic compositions. C. H. Pritham. 2,123,201; July 12.
Rack: *See*—
  Seed display rack. Wire rack.
Radio circuit for channel reception. R. H. Worrall. 2,123,221; July 12.
Raker gauge. C. R. Edwards. 2,123,565; July 12.
Range finder. F. W. Kehrke. 2,123,465; July 12.
Range or stove, Cooking. G. A. Ure. 2,123,668; July 12.
Razor blade, Safety. H. Corsico-Piccolini and D. Aller. 2,123,768; July 12.
Razor edge stropping device. H. F. Schroeder. 2,123,383; July 12.
Rectifier protective system. H. Winograd. 2,123,859; July 12.
Refrigerating apparatus. L. B. M. Buchanan. 2,123,179; July 12.
Refrigerating apparatus. L. B. M. Buchanan. 2,123,498; July 12.
Refrigerating apparatus. J. Kirgan. 2,123,735; July 12.
Refrigerating apparatus. L. C. Luneke. 2,123,588; July 12.
Refrigerating apparatus, Two-temperature. L. B. M. Buchanan. 2,123,497; July 12.
Refrigerating system with boiler feed, Absorber type. K. P. Brace. 2,123,708; July 12.
Refrigerator container. W. J. Madden. 2,123,678; July 12.
Resin, Synthetic. J. H. Kelly, Jr. 2,123,605; July 12.
Resins and compositions containing them, Synthetic. P. Robinson. 2,123,206; July 12.
Resins, Manufacture and use of synthetic. W. H. Moss. 2,123,249; July 12.
Retort for underfeed stokers. J. C. Bohmker. 2,123,397; July 12.
Ring: *See*—
  Finger ring.
Road structure. E. M. Stanley. 2,123,480; July 12.
Röentgen apparatus. C. Niemann and K. Bischoff. 2,123,793; July 12.
Roofing granule and coloring same. H. R. Gundlach. 2,123,419; July 12.
Rubber composition, Treating. H. F. Palmer and G. W. Miller. 2,123,855; July 12.
Rubber, Preparing mixtures of. J. R. de Jong. 2,123,482; July 12.
Rubber, Vulcanization of. H. I. Cramer. 2,123,844; July 12.
Rubbing machine. O. A. Kehle. 2,123,426; July 12.
Safety device for typographical composing machines. R. M. Berry, Sr. 2,123,271; July 12.
Safety pressure device. G. Raymond. 2,123,662; July 12.
Sanding machine. F. O. Albertson. 2,123,222; July 12.
Saw, Stone cutting wire. A. E. Wienholz. 2,123,619; July 12.
Saw tooth setter. J. N. Alexander. 2,123,296; July 12.
Scale, Proportional. G. Gottlieb. 2,123,674; July 12.
Scooter, Front drive. J. M. Welch. 2,123,390; July 12.
Screen: *See*—
  Vehicle screen.
Screens, Making ruled. H. Eckerlin. 2,123,276; July 12.
Scrubber structure. A. R. Lofstrand, Sr. 2,123,308; July 12.
Sealer, Milk can. A. Partin. 2,123,795; July 12.
Securing device. S. M. Nampa. 2,123,286; July 12.
Seed display rack, Package. H. N. Lines. 2,123,787; July 12.
Seeder, Hand operated. H. E. Brandt and A. Sorensen. 2,123,450; July 12.
Selector switch. W. W. Carpenter. 2,123,228; July 12.
Selector switch. W. W. Carpenter and R. F. Mallina. 2,123,229; July 12.
Self-priming centrifugal pump. J. W. Gallagher. 2,123,651; July 12.
Self-righting support. R. W. Hiser. 2,123,420; July 12.
Separable fastener. D. Marinsky. 2,123,512; July 12.
Separator for the separation of fine-grained mixed materials, Electrostatic. G. Grave. 2,123,301; July 12.
Sewing machine. C. Meyer. 2,123,738; July 12.
Shade adapter, Lamp. M. W. Askin. 2,123,582; July 12.
Shafting, Measurement of eccentricity of hollow. E. R. Feehrer and W. G. Kuhnert. 2,123,355; July 12.
Shaver. H. C. McCann. 2,123,608; July 12.
Shear, Flying. R. J. Lehmann. 2,123,570; July 12.
Shears, Pocket. G. M. Nelson. 2,123,792; July 12.
Sheet and making same, Metal reinforced sheathing. J. T. Lawrence and L. Hartman. 2,123,247; July 12.
Sheet for printing presses, Impression. W. M. Dalton. 2,123,564; July 12.
Sheet material. E. A. Corbin, Jr., and E. W. Wolf. 2,123,180; July 12.
Sheet metal bending tool. S. F. Conkle. 2,123,715; July 12.
Shield, Mirror. C. A. Carlson. 2,123,400; July 12.
Shoe, Arch supporting. E. R. Noyes. 2,123,288; July 12.
Shoe soles, Device for operating upon. J. P. Fredericksen. 2,123,277; July 12.
Shoe, Stitchdown. J. P. Fredericksen. 2,123,278; July 12.
Shoe trimmings and the like, Apparatus for making. L. Q. Presby. 2,123,488; July 12.
Shoes and the like, Sizing. A. Sachs. 2,123,475; July 12.
Shuttle-box position selector or indicator. P. Bond. 2,123,561; July 12.
Shuttle box tension releasing means. W. H. West. 2,123,819; July 12.
Sickle drive for harvesters. C. R. Raney. 2,123,547; July 12.
Sign and the like, Changeable letter. L. J. Wentzel. 2,123,758; July 12.
Sign system, Electric. J. R. Andersen. 2,123,459; July 12.
Signal device, Traffic. J. Turano. 2,123,320; July 12.
Signal translating apparatus. F. Massa. 2,123,633; July 12.
Signaling system, Alternating current. F. E. Weld. 2,123,220; July 12.
Size on a paper strip, Coating. G. Corse. 2,123,354; July 12.
Skinning machine. W. H. O'Connor. 2,123,312; July 12.
Ski-pole. A. Müller-Roggli. 2,123,311; July 12.
Ski poles and hiking sticks. H. B. Ring. 2,123,437; July 12.
Sled knee. T. Mungen. 2,123,486; July 12.
Slicing machine. H. W. Barnes. 2,123,396; July 12.
Slip cover. P. Trubitz. 2,123,667; July 12.

Slug casting machine. R. R. Mead. 2,123,822; July 12.
Smash preventer for shuttle changing looms. W. M. Wattle. 2,123,266; July 12.
Soap having a definite water content, Apparatus for producing. B. Clayton. 2,123,647; July 12.
Sole rounding machine. F. E. Bertrand. 2,123,272; July 12.
Sorting machine. E. A. Ford. 2,123,237; July 12.
Sound record. D. von Mihály. 2,123,323; July 12.
Sound translating device. H. R. Warnke. 2,123,640; July 12.
Speed changing gear. J. Cotal. 2,123,769; July 12.
Spinning wheel. W. M. Miller. 2,123,285; July 12.
Spool packing installation. W. I. Jones. 2,123,849; July 12.
Sprag clutch. C. F. Rauen. 2,123,202; July 12.
Spray device. N. P. Green. 2,123,697; July 12.
Spray pump. R. Bernhardt. 2,123,351; July 12.
Sprayer, Vegetable. T. L. Kelley. 2,123,425; July 12.
Spring and steering mechanism, Combined. A. C. Viguerie, Jr. 2,123,388; July 12.
Spring clip. W. F. Eisenhauer. 2,123,772; July 12.
Springs, Apparatus for forming and treating sinuous. E. J. Podany. 2,123,798; July 12.
Squeegee. E. Steccone. 2,123,638; July 12.
Steam generating system. A. Clarkson. 2,123,166; July 12.
Steam generator. J. Blizard. 2,123,660; July 12.
Steam jet pump. F. W. Walch. 2,123,346; July 12.
Steel, Control of hardening of. C. W. Hansell. 2,123,776; July 12.
Steel wool pad. E. R. Martin. 2,123,338; July 12.
Stock preparation method. J. E. Beyer and E. J. Leesman. 2,123,839; July 12.
Stoker, Mechanical. F. H. Ream. 2,123,802; July 12.
Stoker, Underfeed. E. B. Birkenbeuel. 2,123,163; July 12.
Stop and waste valve. W. H. McDougal and G. H. Burden. 2,123,655; July 12.
Stop and waste valve. J. M. Summers. 2,123,814; July 12.
Stop, Door. B. M. Hurlbut. 2,123,188; July 12.
Stove. B. B. Kahn and C. J. Hake. 2,123,699; July 12.
Stove. B. W. Tullis. 2,123,293; July 12.
Strainer. M. G. Biberthaler and W. R. Becher. 2,123,327; July 12.
Strand handling apparatus. R. Pash. 2,123,254; July 12.
Stretcher, Glove. C. R. Clyde. 2,123,523; July 12.
Stretching and fitting device. J. Petty. 2,123,199; July 12.
Strip feeding mechanism. G. R. Anderson. 2,123,350; July 12.
Strip, Permanent joint. C. A. Johnson. 2,123,468; July 12.
Strips from ceilings and the like, Device for suspending. D. W. Mealey. 2,123,589; July 12.
Strips, Joining metal. W. J. Fiegel. 2,123,626; July 12.
Structural element. C. H. Miller. 2,123,853; July 12.
Structural support. G. H. Kehr and F. J. Ertel. 2,123,366; July 12.
Sugar, Process and apparatus for testing for. A. Wright. 2,123,690; July 12.
Sulphur, Production of. H. Baehr and W. Gross. 2,123,224; July 12.
Support: *See*—
  Self-righting support. Structural support.
Support. W. J. Combs and O. O. Mann. 2,123,329; July 12.
Support clip attachment for miniature electric lamps. E. I. Clemance. 2,123,231; July 12.
Supporter, Arch. F. Huttleston. 2,123,730; July 12.
Surface broaching machine, Rotary. W. A. Hart. 2,123,777; July 12.
Swing. S. M. Crawford. 2,123,233; July 12.
Switch: *See*—
  Lock switch. Selector switch.
Table: *See*—
  Typewriter table.
Take-up mechanism. C. H. Ramsey. 2,123,744; July 12.
Take-up mechanism for hand brakes, Quick. H. Fuchs. 2,123,584; July 12.
Tape for Venetian blinds. H. Warren. 2,123,817; July 12.
Taping instrument. D. L. Gorbatenko. 2,123,415; July 12.
Telegraph signal repeater. W. W. Cramer. 2,123,232; July 12.
Temperature responsive device. E. Gruber. 2,123,568; July 12.
Temple roll. C. D. Brown. 2,123,824; July 12.
Temple roll. T. Henderson. 2,123,726; July 12.
Textile fiber. M. E. Cupery. 2,123,502; July 12.
Therapeutic compounds, Making. O. B. Wanshenk. 2,123,218; July 12.
Therapeutic light ray apparatus. L. J. Bristow and F. F. Strong. 2,123,709; July 12.
Thermoplastic sheets, Apparatus for shaping. E. L. Helwig. 2,123,552; July 12.
Thermostatic control. K. W. Du Bois. 2,123,672; July 12.
Thiazoles, Making mercapto aryl. A. M. Clifford. 2,123,841; July 12.
Threads, Apparatus for washing artificial. E. M. Wilson. 2,123,689; July 12.
3,3'-dichlorobenzidine mineral acid salts, Purification of. H. G. Bowlus. 2,123,710; July 12.
Timing mechanism. E. J. Rocher. 2,123,382; July 12.
Tire building apparatus. A. L. Heston. 2,123,586; July 12.
Tire valve tool. G. F. Colley. 2,123,524; July 12.
Tool: *See*—
  Fishing tool. Sheet metal bending tool.
  Machine tool. Tire valve tool.
  Packer and setting tool. Woodworking tool.
Tool handle. J. F. Windsor. 2,123,393; July 12.
Tooth brush. W. A. Dullea. 2,123,407; July 12.
Top for containers, Measuring. S. E. Donelson. 2,123,720; July 12.
Tractor wheel. E. A. Johnston. 2,123,533; July 12.
Tractor wheel, Weighted. J. W. Shields. 2,123,861; July 12.
Traffic controlling apparatus, Railway. C. E. Staples. 2,123,753; July 12.
Trailer. R. T. Bedard. 2,123,559; July 12.
Trailer. J. W. Small. 2,123,615; July 12.
Transformer cut-out, Thermal. A. G. Steinmayer and R. L. Smythe. 2,123,260; July 12.
Translating mechanisms, System of operation of. A. R. Noll. 2,123,253; July 12.
Trap: *See*—
  Animal trap.
Trap. B. F. Lewis. 2,123,471; July 12.
Tray, Serving. E. Prevost. 2,123,257; July 12.
Truck, Motor. R. Faries. 2,123,505; July 12.
Tube: *See*—
  Cathode ray tube. X-ray tube.
  Facsimile recording tube.
Tumbler, Drying. R. A. Hetzer. 2,123,304; July 12.
Tuning control, Automatic. M. G. Crosby. 2,123,716; July 12.
1,3-dichloro- and 1,3,5-trichlorobenzenes, Manufacture of. J. P. Wibaut, L. M. F. van de Lande, and G. W. Wallagh. 2,123,857; July 12.
Typewriter table. W. W. Wells. 2,123,687; July 12.
Typewriting and like machine. F. A. Hart. 2,123,280; July 12.
Typewriting machine. R. G. Thompson. 2,123,756; July 12.
Typographical slug casting machine. C. A. Albrecht. 2,123,557; July 12.
Undergarment. H. Van Praag. 2,123,616; July 12.
Universal coupling, Flexible. H. Kattwinkel. 2,123,307; July 12.
Vacuum cup. P. Q. Williams. 2,123,549; July 12.
Valve: *See*—
  Air brake release valve. Motor control valve.
  Flush valve. Stop and waste valve.
Valve. J. M. Sheedy. 2,123,477; July 12.
Valve control apparatus. H. H. Sherbondy. 2,123,637; July 12.
Valve for concrete pumps. W. Siebert. 2,123,591; July 12.
Valve for controlling high pressures. C. N. Webby. 2,123,324; July 12.
Valve structure. A. Pfau. 2,123,835; July 12.
Valve structure for concrete pumps, Auxiliary. C. F. Ball. 2,123,583; July 12.
Valved device. C. G. Kronmiller. 2,123,283; July 12.
Vaporizer, Electric. N. Lawner and S. Duberstein. 2,123,509; July 12.
Vehicle: *See*—
  Motor vehicle. Wheeled vehicle.
Vehicle control apparatus. B. F. Wright. 2,123,349; July 12.
Vehicle screen. I. H. Hedlund. 2,123,172; July 12.
Ventilator. S. Sigal. 2,123,751; July 12.
Ventilator, Combination. E. J. Ney. 2,123,287; July 12.
Vitamin A, Apparatus for measuring the concentration of. R. L. McFarlan and J. W. Reddie. 2,123,573; July 12.
Wall construction. E. B. Hummer. 2,123,677; July 12.
Washer stringing machine. C. O. Howard. 2,123,780; July 12.
Watchcase. R. H. Whitehead. 2,123,688; July 12.
Wave apparatus, Permanent. H. M. Hart. 2,123,585; July 12.
Wave receiver, Ultrashort. H. E. Hollmann. 2,123,242; July 12.
Web roll supply mechanism. R. A. Freeman. 2,123,673; July 12.
Weft stop motion for looms with feeler and lifter, Intermediate. W. Lohsse. 2,123,472; July 12.
Welding, Electric. W. Lessel. 2,123,571; July 12.
Wheel: *See*—
  Spinning wheel. Tractor wheel.
Wheel and axle assembly and producing same. O. J. Horger. 2,123,831; July 12.
Wheel device. A. Bloch. 2,123,707; July 12.
Wheeled vehicle. M. H. Tuft. 2,123,456; July 12.
Whistle and control means therefor, Air. G. F. Schumacher. 2,123,664; July 12.
Window construction. W. F. Lagemann. 2,123,632; July 12.
Wire, Electric. J. Hellmann. 2,123,778; July 12.
Wire rack. N. M. Thomas and C. A. Hennessy. 2,123,837; July 12.

Wire-tying apparatus for baling, packing, and the like. A. R. Wallis and J. J. Cheesman. 2,123,263; July 12.
Woodworking tool. T. L. Hedgpeth. 2,123,627; July 12.
Wringer. W. L. Kauffman. 2,123,850–2; July 12.
X-ray apparatus. E. R. Goldfield and C. B. Horsley. 2,123,528; July 12.
X-ray tube, Variable focus. J. F. Lee. 2,123,607; July 12.
Yarn feeding and tensioning mechanism for knitting machines, Elastic. G. W. Lindley. 2,123,174; July 12.
Yarn gauging mechanism. R. H. Lawson. 2,123,367; July 12.
Yarn, Textile. M. M. Taylor and S. M. Fulton. 2,123,261; July 12.
Yarns, Producing hairy rayon. J. E. Moore. 2,123,635; July 12.
Yeast, Apparatus for the manufacture of. I. A. Effront. 2,123,463; July 12.
Zinc dust, Working up. K. R. Göhre. 2,123,300; July 12.

CLASSIFICATION OF PATENTS

ISSUED JULY 12, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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226— 127: 2,123,637
227— 46: 2,123,268
229— 24: 2,123,771
44: 2,123,501
51: 2,123,262
230— 120: 2,123,657
253: 2,123,763
273: 2,123,448
236— 1: 2,123,428
15: 2,123,829
42: 2,123,283
240— 4.2: 2,123,319
10: 2,123,231
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37: 2,123,435
78: 2,123,408
90: 2,123,483
102: 2,123,807
144: 2,123,582
242— 4: 2,123,254
10: 2,123,238
55: 2,123,469
58: 2,123,673
244— 83: 2,123,392
119: 2,123,665
123: 2,123,429
135: 2,123,295
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246— 34: 2,123,753
130: 2,123,538
248— 5: 2,123,578
8: 2,123,226
120: 2,123,714
174: 2,123,260
194: 2,123,420
248— 223: 2,123,286
230: 2,123,695
361: 2,123,849
363: 2,123,549
250— 20: 2,123,221
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27: 2,123,242
27.5: 2,123,333
2,123,386
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34: 2,123,210
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35: 2,123,607
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41.5: 2,123,470
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251— 23: 2,123,814
27: 2,123,324
2,123,477
110: 2,123,653
252— 6: 2,123,617
254— 104: 2,123,484
149: 2,123,584
255— 1: 2,123,282
19: 2,123,344
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256— 13.1: 2,123,167
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244: 2,123,693
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108: 2,123,496
260— 3: 2,123,605
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50: 2,123,249
260— 97: 2,123,246
102: 2,123,718
148: 2,123,748
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261: 2,123,245
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262: 2,123,251
265: 2,123,248
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367: 2,123,834
315: 2,123,733
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345: 2,123,653
368: 2,123,375
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399: 2,123,186
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619: 2,123,854
633: 2,123,556
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654: 2,123,504
261— 11: 2,123,742
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262— 33: 2,123,213
263— 19: Re.20,796
28: 2,123,593
267— 9: 2,123,702
20: 2,123,305
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271— 2.3: 2,123,445
272— 61: 2,123,233
273— 33: 2,123,195
273— 118: 2,123,823
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274— 41.6: 2,123,323
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287—52.03: 2,123,533
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294— 99: 2,123,791
296— 1: 2,123,630
297— 4: 2,123,568
299— 58: 2,123,425
59: 2,123,826
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301— 41: 2,123,861
303— 80: 2,123,164
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309— 9: 2,123,489
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140.3: 2,123,264

U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Accuracy Scientific Instrument Company, Inc., Philadelphia, Pa. Thermometers, thermostats, thermo-regulators, etc. Serial No. 406,412; July 19. Class 26.

Adirondack Sportswear Inc., Amsterdam, N. Y. Sportswear and wearing apparel. Serial No. 405,757; July 19. Class 39.

Airway Shade Corporation, The, Miami, Fla. Window shades. Serial No. 406,671; July 19. Class 32.

Allen, George B., doing business as The Charpure Company, Decatur, Ga. Metal polish. Serial No. 406,541; July 19. Class 4.

American K. A. T. Corporation, New York, N. Y. Compound to be used with water for removing scale and impurities, etc. from boilers and pipes. Serial No. 403,748; July 19. Class 6.

American Spectacle Co., Inc., New York, N. Y. Bathing goggles and spectacles. Serial No. 403,389; July 19. Class 26.

Arnold, Zula L., West Palm Beach, Fla. Medicated fruit. Serial No. 394,365; July 19. Class 6.

Association for the Advancement of Chiropractic, New York, N. Y. Magazine. Serial No. 406,434; July 19. Class 38.

Augstein, S., & Co., College Point, N. Y. Piece goods. Serial No. 406,275; July 19. Class 42.

Autobridge, Inc., New York, N. Y. Game board. Serial No. 407,121; July 19. Class 22.

Barnes, Frederick J. T., London, England. Machines and parts thereof for dispensing beverages. Serial No. 406,438; July 19. Class 23.

Bartman, Louis H., doing business as Louis Laboratory, New York, N. Y. Hair rinse. Serial No. 406,901; July 19. Class 6.

Bayview Citrus Association, Los Fresnos, Calif. Fresh citrus fruits. Serial Nos. 399,285–6; July 19. Class 46.

Beauty Kote Corp., Newark, N. J. Varnish. Serial No. 405,870; July 19. Class 16.

Bechmann, Frank E., Battle Creek, Mich. Publication. Serial No. 406,440; July 19. Class 38.

Bendl, Henri, Inc., New York, N. Y. Perfumes, toilet waters, powders, etc. Serial No. 404,683; July 19. Class 6.

Betzold Bros., Philadelphia, Pa. Preparation for softening fur garments. Serial No. 403,537; July 19. Class 6.

Bloomingdale Bros., Inc., New York, N. Y. Towels. Serial No. 406,113; July 19. Class 42.

Bonwit Teller, Inc., New York, N. Y. Women's and misses' furs, dresses, hosiery, etc. Serial No. 406,013; July 19. Class 39.

Blum, Philip, & Company, Inc., Chicago, Ill. Whiskey. Serial No. 389,718; July 19. Class 49.

Bray Chemical Co., Chicago, Ill. Drain pipe cleaner in crystal form. Serial No. 406,046; July 19. Class 6.

Brewer-Titchener Corporation, The, Cortland, N. Y. Foldable ironing tables and tub benches. Serial No. 403,302; July 19. Class 24.

Britton, John G., Lansdowne, Pa. Sound absorbent plastic material. Serial No. 405,911; July 19. Class 12.

Buckley, Newhall Company, The, New York, N. Y. Bed sheets, pillow cases, towels, etc. Serial No. 405,341; July 19. Class 42.

Bundy Incubator Company, The, Springfield, Ohio. Egg testers. Serial No. 401,981; July 19. Class 26.

Bureau of National Affairs, Incorporated, The, Washington, D. C. Publications. Serial No. 405,685; July 19. Class 38.

Burgess Battery Company, Freeport, Ill. Electric hand lamps and lanterns and cases therefor. Serial No. 406,328; July 19. Class 21.

California Redwood Association, San Francisco, Calif. Lumber. Serial No. 405,714; July 19. Class 12.

Carbonil Company, The, Oakdale, Pa. Compound for enriching gasoline. Serial No. 406,089; July 19. Class 6.

Charles Stores Company Incorporated, New York, N. Y. Shirts, gloves, and neckties and hats. Serial No. 398,093; July 19. Class 39.

Charpure Company, The. (See Allen, George B.)

Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Shampoo. Serial No. 407,423; July 19. Class 6.

Chilton Company, Philadelphia, Pa. Publication. Serial No. 406,176; July 19. Class 38.

Chittenden & Eastman Company, Burlington, Iowa. Mattresses. Serial No. 406,580; July 19. Class 32.

Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of angina pectoris. Serial No. 407,008; July 19. Class 6.

Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of arthritis. Serial No. 407,009; July 19. Class 6.

Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of gonorrhea. Serial No. 407,010; July 19. Class 6.

Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of hypertension. Serial No. 407,011; July 19. Class 6.

Christina, Vincent, Inc., New York, N. Y. Preparations used in the treatment of pneumonia. Serial No. 407,013; July 19. Class 6.

Christina, Vincent, Inc., New York, N. Y. Preparation used as a sedative. Serial No. 407,015; July 19. Class 6.

Church & Dwight Co. Inc., New York, N. Y. Baking soda. Serial Nos. 406,748–9; July 19. Class 46.

Clark, Clarence H., doing business as Cobay Company, San Francisco, Calif. Dice or domino game table tops. Serial Nos. 402,287–9; July 19. Class 22.

Cobay Company. (See Clark, Clarence H.)

Cochran, Jacqueline, Chicago, Ill., and Roselle, N. J. Cosmetics and beauty preparations. Serial No. 407,363; July 19. Class 6.

Conquest Products. (See Eichmann, Lotte.)

Coopers, Incorporated, Kenosha, Wis. Men's undergarments. Serial No. 406,502; July 19. Class 39.

Crown Products Corporation, San Francisco, Calif. Cleansing powder. Serial No. 403,720; July 19. Class 4.

Delray Corporation, San Francisco, Calif. Canned spaghetti, raviolis, and mushroom sauce. Serial No. 406,645; July 19. Class 46.

Delta Kappa Epsilon, The Council of, New York, N. Y. Fraternity badges, lapel buttons, scarf, lapel, and breast pins, etc. Serial No. 406,374; July 19. Class 28.

Dennis, W. J., & Company, Chicago, Ill. Weather strip. Serial No. 396,455; July 19. Class 12.

Distillers Company Limited, The, Edinburgh, Scotland. Liquid fuel. Serial No. 405,488; July 19. Class 15.

Dix, Henry A., & Sons Corporation, New York, N. Y. Piece goods. Serial No. 398,240; July 19. Class 42.

Doho Chemical Corporation, The, New York, N. Y. Medicinal compounds. Serial No. 403,760; July 19. Class 6.

Donahue, A. J., Corporation, The, Milford, Conn. Girdles, corselets, and pantie-girdles. Serial No. 406,016; July 19. Class 39.

Dressaver Company. (See Krantz, Rose.)

Dwinnell, William S., deceased, Estate of, doing business as Dwinnell Bros. Orchards, Minneapolis, Minn. Fresh apples. Serial No. 400,496; July 19. Class 46.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Grease. Serial No. 406,284; July 19. Class 15.

Eichmann, Lotte, doing business as Conquest Products, New York, N. Y. Candy. Serial No. 406,965; July 19. Class 46.

Elder and Johnston Company, The, Dayton, Ohio. Women's hosiery. Serial No. 379,691; July 19. Class 39.

Electro-Protective Corporation, Newark, N. J. Electrically operated protective systems. Serial No. 404,696; July 19. Class 21.

Emanuel, Jay, Publications, Inc., Philadelphia, Pa. Magazine. Serial Nos. 405,602–3; July 19. Class 38.

Fairy Silk Mills, Shillington, Pa., and New York, N. Y. Children's, misses', and ladies' underwear. Serial No. 406,445; July 19. Class 39.

Farm Bureau Cooperative Association, Inc., The, Columbus, Ohio. Mixed feed for poultry and livestock. Serial No. 397,074; July 19. Class 46.

Fawcett Publications, Inc., Greenwich, Conn. Magazine. Serial No. 405,351; July 19. Class 38.

Fisher Scientific Company, Pittsburgh, Pa. Aluminum laboratory appliance. Serial No. 406,550; July 19. Class 26.

Foster Brothers Manufacturing Company, Inc., Baltimore, Md. Bed springs. Serial No. 407,218; July 19. Class 32.

Frank Pure Food Company, The, Frankville, Wis. Canned sauerkraut and canned sauerkraut juice. Serial No. 401,733; July 19. Class 46.

Frantz, Charlton C., doing business as The Frantz Company, Pittsburgh, Pa. Bread, rolls, buns, etc. Serial No. 401,141; July 19. Class 46.

Fried, Louis, doing business as Wm. P. Marion Co., Brooklyn, N. Y. Tooth powder. Serial No. 407,098; July 19. Class 6.

Frost, C. L., & Son, Grand Rapids, Mich. Door catches. Serial No. 404,039; July 19. Class 25.

Gardner Manufacturing Co., Philadelphia, Pa. Dry shampoo and hair freshener. Serial No. 395,031; July 19. Class 6.

Garfinkel & Ritter, New York, N. Y. Garments. Serial No. 403,005; July 19. Class 39.

General Chemical Company, New York, N. Y. Fungicides. Serial No. 407,186; July 19. Class 6.

General Popcorn Company. (See Hudelson Sales Corporation.)

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Gerard Brothers Limited, Nottingham, England. Toilet soaps. Serial No. 401,737; July 19. Class 4.
Gevaert Company of America, Inc., The, New York, N. Y. Photographic projection printers. Serial No. 406,181; July 19. Class 26.
Glemby Company, Inc., The, New York, N. Y. Hair curlers and hair wavers. Serial No. 402,124; July 19. Class 40.
Greenberg, Louis, & Brother, Inc., New York, N. Y. Girls' coats. Serial No. 393,983; July 19. Class 39.
Gross, Ina, doing business as Gross Medications, Rome, Ga. Preparation for treating eczema, ringworm, athlete's foot, etc. Serial No. 406,253; July 19. Class 6.
Halgar, Inc., Chicago, Ill. Permanent wave apparatus and solutions sold as a unit. Serial No. 405,987; July 19. Class 44.
Hammond Paint & Chemical Co. Inc., The, Beacon, N. Y. Insecticide. Serial No. 404,988; July 19. Class 6.
Hanover Canning Company, Hanover, Pa. Canned vegetables. Serial No. 406,283; July 19. Class 46.
Hearn Department Stores, Inc., New York, N. Y. Sanitary napkins and belts, and absorbent cotton. Serial No. 402,183; July 19. Class 44.
Hearn Department Stores, Inc., New York, N. Y. Toilet and laundry soaps; brushless shaving cream, etc. Serial No. 404,607; July 19. Class 4.
Heller, R. C., Co., Inc., Baltimore, Md. Box springs, couches, and pillows. Serial No. 407,225; July 19. Class 32.
High Rock Ginger Ale Company, Baltimore, Md. Beverages and extracts used in making same. Serial No. 406,200; July 19. Class 45.
Higrade Products Company, Braddock and Pittsburgh, Pa. Beverages and mixer for making same. Serial No. 405,813; July 19. Class 45.
Hill, Frank, doing business as Hill Laboratories, Carterville, Ill. Preparation for the treatment of piles. Serial No. 400,010; July 19. Class 6.
Houghton, E. F., & Co., Philadelphia, Pa. Core oil. Serial No. 406,291; July 19. Class 5.
Hudelson Sales Corporation, doing business as General Popcorn Company, Los Angeles, Calif. Popcorn and prepared popcorn. Serial No. 402,263; July 19. Class 46.
Humble Oil & Refining Company, Houston, Tex. Rust preventives, chemical compounds and solvents therefor. Serial No. 405,207; July 19. Class 6.
Humble Oil & Refining Company, Houston, Tex. Coating asphalts. Serial No. 405,208; July 19. Class 12.
Humble Oil & Refining Company, Houston, Tex. Coatings of the nature of lubricating liquids and lubricating greases. Serial No. 405,209; July 19. Class 15.
Hurst, William A., Avern, Miss. Shampoo preparation. Serial No. 393,808; July 19. Class 6.
International Looms Inc., New York, N. Y. Piece goods. Serial No. 402,479; July 19. Class 42.
Judson Motor Products Co., Bell, Calif. Motor exhaust valves. Serial No. 406,364; July 19. Class 23.
Jenaer Glaswerk Schott & Gen., Jena, Germany. Raw glass, glass tubes. Serial No. 376,160; July 19. Class 33.
Jenaer Glaswerk Schott & Gen., Jena, Germany. Raw glass tubes. Serial No. 378,966; July 19. Class 33.
Johnston, Everett, doing business as King Salad Avocado Co., Vista, Calif. Fresh avocados. Serial No. 405,393; July 19. Class 46.
Kanner-Wald, Inc., New York, N. Y. Men's hats. Serial No. 404,100; July 19. Class 39.
Kansas Blue Print Company. (See Kintzel, Otto F.)
Kenner, Brockman & Schloss, Inc., Dalton, Ga. Tufted bedspreads, hand-made and machine-made. Serial No. 406,809; July 19. Class 42.
King Salad Avocado Co. (See Johnston, Everett.)
Kintzel, Otto F., doing business as Kansas Blue Print Company, Wichita, Kans. Offset prints. Serial No. 406,295; July 19. Class 38.
Kleen-O-Dent Laboratories, Newark, N. J. Sterilizing receptacles for artificial dentures. Serial No. 400,910; July 19. Class 44.
Knapp-Monarch Company, St. Louis, Mo. Electric fans. Serial No. 393,177; July 19. Class 21.
Krantz, Rose, doing business as Dressaver Company, Brooklyn, N. Y. Wearing apparel. Serial No. 401,671; July 19. Class 39.
Lamm Brothers, Incorporated, Baltimore, Md. Coats, vests, and trousers, etc. Serial No. 406,424; July 19. Class 39.
Lamm Brothers, Incorporated, Baltimore, Md. Coats, vests, and trousers. Serial No. 406,426; July 19. Class 39.
Laxa Products Company, Toledo, Ohio. Lubricating laxative emulsions. Serial No. 405,121; July 19. Class 6.
Lindsay Citrus Growers Association, Lindsay, Calif. Fresh citrus fruits. Serial No. 406,724; July 19. Class 46.
Logston, Pat, doing business as Southern Cooperative Canneries, Los Angeles, Calif. Canned fruits and vegetables, jams, etc. Serial No. 406,389; July 19. Class 46.
Loma Dress Co., Inc., New York, N. Y. Dresses and suits. Serial No. 406,139; July 19. Class 39.
Louis Laboratory. (See Bartman, Louis H.)
Lowe, Joe, Corporation New York, N. Y. Frozen confections. Serial No. 406,394; July 19. Class 46.
Macy, R. H., & Co., Inc., New York, N. Y. Almond extract, baking powder, barley, etc. Serial No. 405,171; July 19. Class 46.
Magee Carpet Company, The, Bloomsburg, Pa. Carpets and rugs. Serial No. 401,830; July 19. Class 42.
Magee Carpet Company, The, Bloomsburg, Pa. Carpets and rugs. Serial Nos. 402,398–400; July 19. Class 42.
Magee Carpet Company, The, Bloomsburg, Pa. Carpets and rugs. Serial No. 402,402; July 19. Class 42.
Mallinckrodt Chemical Works, St. Louis, Mo. Moth killers and roach killers. Serial No. 401,580; July 19. Class 6.
Manhattan Shirt Company, The, New York, N. Y. Pajamas. Serial No. 406,457; July 19. Class 39.
Marion, Wm. P., Co. (See Fried, Louis.)
Marquette Cement Manufacturing Company, Chicago, Ill. Masonry cement. Serial No. 405,994; July 19. Class 12.
Marvlo Mills, Inc., New York, N. Y. Piece goods. Serial No. 406,223; July 19. Class 42.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. Serial No. 406,461; July 19. Class 38.
Merriam, G. & C., Company, Springfield, Mass. Books. Serial Nos. 405,995–6; July 19. Class 38.
Merwil Publishing Co. Inc., New York, N. Y. Magazine. Serial No. 402,431; July 19. Class 38.
Monday Morning Publisher Inc., The, Detroit, Mich. Newspaper. Serial No. 404,770; July 19. Class 38.
Mound City Paint and Color Company, St. Louis, Mo. Semi-gloss paint. Serial No. 405,853; July 19. Class 16.
Mound City Paint and Color Company, St. Louis, Mo. Paint enamel. Serial No. 405,854; July 19. Class 16.
Mound City Paint and Color Company, St. Louis, Mo. Flat finish varnish. Serial No. 406,346; July 19. Class 16.
Mound City Paint and Color Company, St. Louis, Mo. Flat wall paint. Serial No. 406,347; July 19. Class 16.
Muntschler Brothers Company, Nappanee, Ind. Kitchen furniture. Serial No. 382,762; July 19. Class 32.
National Butane Gas Company, Memphis, Tenn. Gas heaters, hot water heaters, circulating gas heaters, etc. Serial No. 404,862; July 19. Class 34.
National Carbon Company, Inc. New York, N. Y. Electric resistors. Serial No. 403,824; July 19. Class 21.
National Silk Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. Serial No. 406,523; July 19. Class 39.
Neva-Moth Corporation of America, New York, N. Y. Chemical process. Serial No. 406,300; July 19. Class 6.
Nolan, Stanley, doing business as Wanda Laboratories, Cleveland, Ohio. Bitters. Serial No. 405,818; July 19. Class 6.
Oettermann, Gustav, San Antonio, Tex. Eye lash preparation. Serial No. 394,752; July 19. Class 6.
One-Spot Company. (See Simpson, Willis E.)
Oweno Laboratories, East Cleveland, Ohio. Ointment. Serial No. 404,482; July 19. Class 6.
Pacific Packing Company, Oakdale, Calif. Canned fruits, canned vegetables. Serial No. 398,124; July 19. Class 46.
Phosphate Mining Company, The, New York, N. Y. Detergent and cleanser. Serial No. 399,514; July 19. Class 4.
Physicians & Hospitals Supply Company, Inc., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Medicinal preparation. Serial No. 400,249; July 19. Class 6.
Pincus Bros., Inc., Philadelphia, Pa. Suits, coats, vests, etc. Serial No. 406,263; July 19. Class 39.
Polaris Limited, Birmingham, England. Masts and poles. Serial No. 405,319; July 19. Class 12.
Priestley, Sybil, Monticello, Ill. Peanut brittle. Serial No. 404,183; July 19. Class 46.
Progressive Musical Instrument Corporation, New York, N. Y. Reeds. Serial No. 400,526; July 19. Class 36.
Rains, S. E., Co. Inc., New York, N. Y. Towels. Serial No. 406,226; July 19. Class 42.
Randolph Drug Co., The, Detroit, Mich. Deodorant. Serial No. 392,939; July 19. Class 6.
Ree, Jan, Frocks, Inc., Cleveland, Ohio. Dresses. Serial No. 406,067; July 19. Class 39.
Regen, O., Manufacturing Co. Inc., New York, N. Y. Novelties. Serial No. 392,552; July 19. Class 40.
Rival Packing Company, Chicago, Ill. Cat food. Serial No. 406,828; July 19. Class 46.
Roach & Musser Company, Muscatine, Iowa. Factory fitted window units. Serial No. 405,937; July 19. Class 12.
Sanderson, Wm., & Son, Leith, Scotland. Scotch whisky. Serial No. 396,015; July 19. Class 49.
Schindler & Co., New York, N. Y. Underwear, sweaters, sport shirts. Serial No. 405,526; July 19. Class 39.
Schoeneman, J., Inc., Baltimore, Md. Coats, vests, trousers, etc. Serial No. 405,135; July 19. Class 39.
Shakow, Joseph D., Inc., New York, N. Y. Topcoats and overcoats. Serial No. 406,351; July 19. Class 39.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Sherwin-Williams Co., The, Cleveland, Ohio. Paints, paint enamels, lacquers, etc. Serial No. 406,733; July 19. Class 16.
Sho-Scor Corporation, Washington, D. C. Visible scoring bridge tables. Serial No. 406,695; July 19. Class 32.
Simpson, Willis E., doing business as One-Spot Company, Elkridge, Md. Preparation for killing rats. Serial No. 401,909; July 19. Class 6.
Slater, J. & J., Inc., New York, N. Y. Shoes. Serial Nos. 406,031–2; July 19. Class 39.
Smit, J. K., & Sons, Inc., New York, N. Y. Diamond core bits, dressing tools, and cutting tools. Serial No. 406,198; July 19. Class 23.
Solomon, William, doing business as William Solomon Co., Baltimore, Md. Whiskey, gin, rum, etc. Serial No. 406,834; July 19. Class 49.
Southern Cooperative Canneries. (See Logston, Pat.)
Stauffer Chemical Company of Texas, Freeport, Tex., and New York, N. Y. Sulphur. Serial No. 405,085; July 19. Class 6.
Sté. Anonyme Internationale de Télégraphie Sans Fil, Brussels, Belgium. Position and direction determining apparatus, including homing devices. Serial Nos. 404,663–4; July 19. Class 26.
Stoeger Arms Corporation, New York, N. Y. Pellets, darts, and other projectiles employed with air guns. Serial No. 406,696; July 19. Class 9.
Storkline Furniture Corporation, Chicago, Ill. Infants', nursery, and juvenile furniture. Serial No. 407,114; July 19. Class 32.
Storkline Furniture Corporation, Chicago, Ill. Baby carriages. Serial No. 407,115; July 19. Class 19.
Strauss, Leon, New York, N. Y. Dry shavers. Serial No. 403,791; July 19. Class 23.
Stuart Place Citrus Association, Harlingen, Tex. Fresh citrus fruits. Serial No. 399,688; July 19. Class 46.
Sulfor-Ex Company, Inc., New York, N. Y. Preparation for the relief of certain skin irritations. Serial No. 406,533; July 19. Class 6.
Sunset Oil Company, Los Angeles, Calif. Gasoline. Serial No. 405,942; July 19. Class 15.
Super Brake-Floater Corp., Chicago, Ill. Automobile brake adjustment mechanism. Serial No. 404,235; July 19. Class 19.
Swiss Importing Co., Inc., New York, N. Y. Bath oil and cologne. Serial No. 405,274; July 19. Class 6.
Syncro Devices, Incorporated, Detroit, Mich. Internal combustion engines and parts thereof. Serial No. 405,425; July 19. Class 23.
Toland & Donald, Mission, Tex. Fresh citrus fruits. Serial No. 400,137; July 19. Class 46.
Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware and hollow ware. Serial Nos. 406,474–5; July 19. Class 28.
Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware and hollow ware. Serial Nos. 406,477–8; July 19. Class 28.
Turner & Seymour Manufacturing Company, The, Torrington, Conn. Can openers. Serial No. 406,567; July 19. Class 23.
Ulmer Pharmacal Company. (See Physicians & Hospitals Supply Company.)
United Distributors, Incorporated, Louisville, Ky. General tonic and laxative. Serial No. 400,810; July 19. Class 6.
United States Electric Mfg. Corporation, New York, N. Y. Electric flashlights. Serial No. 401,951; July 19. Class 21.
U. S. Naval Academy Alumni Association, Washington, D. C. Publication. Serial No. 406,074; July 19. Class 38.
United States Rubber Products, Inc., New York, N. Y. Coats and jackets. Serial No. 406,306; July 19. Class 39.
United Vacuum Cleaner Stores, Cleveland, Ohio. Electric vacuum cleaners. Serial No. 389,948; July 19. Class 21.
Universal Atlas Cement Company, Chicago, Ill. Portland cement. Serial No. 405,973; July 19. Class 12.
Universal Engineering Co., Ltd., Los Angeles, Calif. Oil well drilling tools and parts therefor. Serial No. 402,038; July 19. Class 23.
Walton, Elwood W., doing business as Walton Knitting Mills, Hickory, N. C. Hosiery. Serial No. 406,314; July 19. Class 39.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Mattresses. Serial No. 407,118; July 19. Class 32.
Wanda Laboratories. (See Nolan, Stanley.)
Waples Platter Company, Fort Worth, Tex. Canned Goods. Serial No. 392,901; July 19. Class 46.
Warwick Club Ginger Ale Co., Inc., West Warwick, R. I. Beverages. Serial No. 407,045; July 19. Class 45.
Watson, Lawrence C., Dallas, Tex. Hamburger sandwiches. Serial No. 401,919; July 19. Class 46.
Whitman, Stephen F., & Son, Inc., Philadelphia, Pa. Candy. Serial No. 407,077; July 19. Class 46.
Windt, Benn, New York, N. Y. Candy and bon bons. Serial No. 404,390; July 19. Class 46.
Wolf, Jacques, & Co., Clifton, N. J. Compound for use in the leather industry. Serial No. 406,845; July 19. Class 6.
Wolf, Joseph A., Denver, Colo. Finger rings. Serial No. 406,408; July 19. Class 28.
Wolff, Dr. August, Sudbraker-Nähr-mittelfabrik Kom.-Ges., Bielefeld, Germany. Dentifrice. Serial No. 403,940; July 19. Class 6.
Workman, Bernard, New York, N. Y. Ladies', misses', and children's hats. Serial No. 406,205; July 19. Class 39.
Wulf Bros., Inc., New York, N. Y. Suits, overcoats, and topcoats. Serial No. 406,318; July 19. Class 39.
Ziegler, Louis, Brewing Company, Beaver Dam, Wis. Beer. Serial No. 407,208; July 19. Class 48.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbotts Dairies, Incorporated, Philadelphia, Pa. Chocolate fudge sauce, butterscotch syrup, etc. 358,199; July 19; Serial No. 385,825; published May 10, 1938. Class 46.
Affiliated Enterprizes, Inc., Denver, Colo. Films for theatrical use. 358,490; July 19; Serial No. 368,673; published Jan. 14, 1936. Class 26.
Albemarle Paper Mfg. Company, The, Richmond, Va. Kraft paper. 358,538; July 19; Serial No. 399,818; published May 10, 1938. Class 37.
American Drug & Chemical Co., Minneapolis, Minn. Laxative and cathartic medicine. 358,701; July 19. Class 6.
American Maize-Products Company, New York, N. Y. Corn syrup. 358,565; July 19; Serial No. 402,081; published May 10, 1938. Class 46.
Arcade Laboratories, Freeport, N. Y. Compound for application to boat bottoms. 358,559; July 19; Serial No. 401,762; published Apr. 26, 1938. Class 6.
Arden, Elizabeth, Inc., New York, N. Y. Nail polishes. 358,616; July 19; Serial No. 403,295; published May 3, 1938. Class 6.
Arden, Elizabeth, Inc. (See Lewis, Florence N., assignor.)
Arrow-Hart & Hegeman Electric Company, The, Hartford, Conn. Electrical circuit breakers, switches, fuses, etc. 358,591; July 19; Serial No. 402,812; published May 10, 1938. Class 21.
Ashworth, Lenda, doing business as Bomtex Company, Kansas City, Mo. Antiseptic dressing. 358,663; July 19; Serial No. 404,027; published May 10, 1938. Class 6.
Astone Products Co., Lansdale, Pa. Antiseptic. 358,651; July 19; Serial No. 403,893; published May 10, 1938. Class 6.
Atlas Powder Company, Wilmington, Del. Pyroxylin or otherwise coated paper or fabric. 358,667; July 19; Serial No. 404,073; published May 10, 1938. Class 50.
Avondale Mills, Birmingham, Ala. Cotton piece goods. 358,638; July 19; Serial No. 403,713; published May 10, 1938. Class 42.
Azein Remedy Co., Inc., Jacksonville, Fla. Preparation for bronchial asthma and hay fever. 358,630; July 19; Serial No. 403,534; published May 3, 1938. Class 6.
Baby Bathinette Corporation, Rochester, N. Y. Bathing devices for dolls. 358,617; July 19; Serial No. 403,297; published May 10, 1938. Class 22.
Bach Pessalator Company, The. (See Bachmann, Robert A.)
Bachmann, Robert A., doing business as The Bach Pessalator Company, New York, N. Y. Pessary applicators. 358,553; July 19; Serial No. 401,175; published May 10, 1938. Class 44.
Bahr Brothers Mfg. Co., The, Marion, Ind. Cutlery, machinery, and tools and parts thereof. 123,536; renewed Nov. 19, 1938.
Barnsley, George, & Sons, Sheffield, England. Metals and metal castings and forgings. 121,851; renewed June 11, 1938.
Barnsley, George, & Sons, Sheffield, England. Cutlery, machinery, and tools and parts thereof; Nos. 122,260–1; renewed July 16, 1938.
Barrett Company, The, assignor to The Barrett Company, New York, N. Y. Tarry coating for roads and other surfaces; Nos. 121,852–4; renewed June 11, 1938.
Barrett Company, The, assignor to The Barrett Company, New York, N. Y. Sheathing-paper. 122,300; renewed July 23, 1938.
Barteldes Seed Company, The, Denver, Colo. Chemical weed-puller compounds. 358,566; July 19; Serial No. 402,083; published Apr. 19, 1938. Class 6.
Basol Laboratories, Inc., Greenville, S. C. Solvent. 358,628; July 19; Serial No. 403,491; published May 10, 1938. Class 4.

Bates, Hamilton C., doing business as C. J. Bates & Son, Chester, Conn. Nail polish and bleach and powders, skin lotions, etc. 358,703; July 19. Class 6.
Bauman & Stoll, New York, N. Y. Coats, suits, skirts, etc. 358,647; July 19; Serial No. 403,852; published May 3, 1938. Class 39.
Beck, A. S., Shoe Corporation, New York, N. Y. Hosiery. 358,670; July 19; Serial No. 404,108; published May 10, 1938. Class 39.
Beck, Koller & Co., Inc., Detroit, Mich. Resins, resin solutions. 358,556; July 19; Serial No. 401,467; published May 10, 1938. Class 1.
Beer, William J., Company, Inc., New York, N. Y. Skis and component parts thereof. 358,511–2; July 19; Serial Nos. 393,207–8; published May 10, 1938. Class 22.
Betts & Co., Limited, London, England. Capsules for medicinal or other use. 16,009; re-renewed Nov. 20, 1938.
Blanchard, Alva G., doing business as Inferno Company, Shreveport, La. Gas burners and oil burners. 358,574; July 19; Serial No. 402,466; published May 10, 1938. Class 34.
Bloomingdale Bros., Inc., New York, N. Y. Tables, chairs, buffets, etc. 358,708; July 19. Class 32.
Blosser, Merrill C., Cleveland, Ohio, to Merrill C. Blosser, Los Angeles, Calif. Series of comic drawings. 123,786; renewed Dec. 10, 1938.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Mohair and cotton pile fabrics. 358,699; July 19. Class 42.
Boehringer, C. H., Sohn Aktiengesellschaft, Nieder-Ingelheim-on-the-Rhine, Germany. Cough medicines, cholagogues, camphor preparations, etc. 358,509; July 19; Serial No. 392,909; published Feb. 15, 1938. Class 6.
Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany. Chemical dye aids. 358,671–2; July 19; Serial Nos. 404,111–12; published May 3, 1938. Class 6.
Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany. Chemical dye aids. 358,673; July 19; Serial No. 404,114; published May 3, 1938. Class 6.
Bomtex Company. (See Ashworth, Leada.)
Bond, Charles, Company, Philadelphia, Pa. Baggage straps and strappings. 123,321; renewed Oct. 29, 1938.
Borden Company, The, New York, N. Y. Food product. 358,561; July 19; Serial No. 401,885; published May 10, 1938. Class 46.
Borgenicht Bros., Inc., New York, N. Y. Dresses, playsuits, slacks, etc. 358,569; July 19; Serial No. 402,326; published May 10, 1938. Class 39.
Brouillard, A. A., & Co. Inc., Lawrence, Mass. Tonic blend of vitamins, accessory food factors, and minerals. 358,625; July 19; Serial No. 403,443; published May 3, 1938. Class 6.
Brown, Reinhardt H., doing business as Fold-Way Manufacturing Company, Fremont, Ohio. Metal furniture and equipment. 358,698; July 19. Class 32.
Brundage Bros. Co., The, Toledo, Ohio. Coffee, tea, salted peanuts, etc. 123,545; renewed Nov. 19, 1938.
Burgess, C. F., Laboratories, Inc., Chicago, Ill. Granular material for chemically softening and conditioning wafer. 358,684; July 19; Serial No. 404,200; published May 10, 1938. Class 6.
C-Lite Products. (See Hoover, Claude H.)
Cajon Manufacturing Company. (See Pollock, Paul H.)
Calco Chemical Company, Inc., The, Bound Brook, N. J. Antiseptic jelly. 358,664; July 19; Serial No. 404,029; published Apr. 26, 1938. Class 6.
Calgon, Inc., Pittsburgh, Pa. Water softening chemical. 358,518; July 19; Serial No. 395,274; published May 10, 1938. Class 6.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Herbicides. 358,582–4; July 19; Serial Nos. 402,713–5; published Apr. 26, 1938. Class 6.
Calorider Corporation, Old Greenwich, Conn. Deliquescent material. 358,585; July 19; Serial No. 402,716; published Apr. 26, 1938. Class 6.
Camille, Inc., New York, N. Y. Preparation for stopping runs in hosiery. 358,724; July 19. Class 6.
Canales, John, doing business as Eyetrainer Laboratory, Astoria, Long Island, N. Y. Eye lotion. 358,533; July 19; Serial No. 399,071; published Apr. 26, 1938. Class 6.
Catalina. (See Pacific Knitting Mills, Inc.)
Celluloid Corporation, Newark, N. J. Envelopes, envelope windows, stencils, etc. 358,692; July 19; Serial No. 404,468; published May 10, 1938. Class 37.
Cera-Lac Company, The, Los Angeles, Calif. Prepared cereal breakfast food. 358,608; July 19; Serial No. 403,195; published May 10, 1938. Class 46.
Ceramic Machinery Company, The, Hamilton, Ohio. Diesel locomotives, gas mechanical locomotives, and parts thereof. 358,515; July 19; Serial No. 394,122; published Jan. 25, 1938. Class 23.
Champion Dish Washing Machine Co. (See Hamilton-Low Company, The, assignor.)
Chappel Bros., Inc., Rockford, Ill. Pharmaceutical for anemia. 358,655; July 19; Serial No. 403,935; published Apr. 26, 1938. Class 6.
Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Preparations for the hair. 358,629; July 19; Serial No. 403,492; published May 3, 1938. Class 6.
Childquic Foods. (See Fletcher, Arnon R.)
Clark-Millner Co., doing business as Escort Co., Chicago, Ill. Nail polish remover pads and cleansing pads. 358,592; July 19; Serial No. 402,843; published May 10, 1938. Class 6.
Cline, Winfield E., doing business as Cline Advertising Service, Boise, Idaho. Printing mats, electrotypes, etc. 358,580; July 19; Serial No. 402,676; published May 10, 1938. Class 50.
Clopay Corporation, Cincinnati, Ohio. Window shades. 358,590; July 19; Serial No. 403,034; published May 10, 1938. Class 32.
Coastal Chemical Company, Inc., Harlingen, Tex. Agricultural insecticides. 358,532; July 19; Serial No. 398,756; published Apr. 19, 1938. Class 6.
Coffee Sales Company. (See Witwer Grocer Company.)
Colgate-Palmolive-Peet Company, Jersey City, N. J. Glycerine. 358,659; July 19; Serial No. 403,990; published May 10, 1938. Class 6.
Columbian Art Works, Inc., Milwaukee, Wis. Desk, writing, and memorandum pads. 358,547; July 19; Serial No. 400,633; published May 10, 1938. Class 37.
Commercial Ledger Service, Chippewa Falls, Wis. Blank forms and loose leaf binders. 358,694; July 19; Serial No. 404,516; published May 10, 1938. Class 37.
Corrosion Control Corporation, New York, N. Y. Chemical composition. 358,570; July 19; Serial No. 402,330; published Apr. 26, 1938. Class 6.
Cox & Stevens Aircraft Corp., Mineola, N. Y. Instruments to be used in determining the flight balance of aircraft and dials to be used with such instruments. 358,563; July 19; Serial No. 401,924; published May 10, 1938. Class 26.
Creolin Co., The. (See Pearson, William, Limited, assignor.)
Darcold Company, Inc., The. (See Dominion Asbestos and Rubber Corporation.)
De-Raef Corporation, Kansas City, Mo. Mixture comprising dextrose, calcium oxide, etc., used as an acid standardizer in processing milk and in the confection of ice cream. 358,562; July 19; Serial No. 401,891; published Apr. 5, 1938. Class 6.
Distributors Trucking Corporation. (See Gross, Leopold, assignor.)
Distributors Trucking Corporation. (See Tanner, W. P., Gross and Company, Inc., assignor.)
Dixon, Carl A., doing business as Vitefolyn Company, Des Moines, Iowa. Medicinal lotion. 358,683; July 19; Serial No. 404,198; published May 10, 1938. Class 6.
Dominion Asbestos and Rubber Corporation, to The Darcold Company, Inc., New York, N. Y., successor. Rubber hose, rubber belting, and asbestos packing. 122,072; renewed June 25, 1938.
Druggists' Corporation, Limited, Toronto, Canada. Hand lotions. 358,519; July 19; Serial No. 395,447; published May 10, 1938. Class 6.
Duprey-Faulmann Company, to Master Food Products Corporation, Detroit, Mich., successor. Mustard, catsup, jellies, etc. 117,843; renewed Aug. 7, 1937.
Durkee-Mower, Inc., Lynn, Mass. Marshmallow cream and prepared cocoa. 358,606; July 19; Serial No. 403,171; published May 10, 1938. Class 46.
Economy Food Co., Vacaville, Calif. Onion powder and garlic powder. 358,526; July 19; Serial No. 397,648; published Jan. 11, 1938. Class 46.
Edwards, Myrtle E., San Francisco, Calif. Preparation for developing the bust. 358,718; July 19. Class 6.
Elliott, B. K., Company, Pittsburgh, Pa. Tracing cloth. 358,689; July 19; Serial No. 404,402; published May 10, 1938. Class 37.
Ellis-Foster Company, Montclair, N. J. Synthetic resins. 358,626; July 19; Serial No. 403,447; published May 10, 1938. Class 1.
Embury Manufacturing Company, Warsaw, N. Y. Fusees. 358,530; July 19; Serial No. 398,719; published May 3, 1938. Class 9.
Ensign Products Company, Cleveland, Ohio. Belt dressing and preserver. 358,555; July 19; Serial No. 401,364; published May 10, 1938. Class 4.
Enzal Research Products. (See Gerboth, Henry L.)
Escort Co. (See Clark-Millner Co.)
Eyetrainer Laboratory. (See Canales, John.)
Ezell, C. J., Chicago, Ill. Cold cream. 358,652; July 19; Serial No. 403,912; published May 10, 1938. Class 6.
Famo Products Co., Los Angeles, Calif. Canned prune juice. 358,609; July 19; Serial No. 403,201; published May 10, 1938. Class 46.
Fava, G., Fruit Company, Inc., Baltimore, Md. Wines. 358,540; July 19; Serial No. 400,059; published Feb. 8, 1938. Class 47.
Filtrol Company of California, Los Angeles, Calif. Adsorptive and purifying material. 358,665; July 19; Serial No. 404,038; published May 10, 1938. Class 6.
Fine Foods, Inc., Seattle, Wash. Gelatin dessert. 358,618; July 19; Serial No. 403,309; published May 10, 1938. Class 46.
Fink-Roselleve Co. Inc., New York, N. Y. Photographic apparatus. 358,601–2; July 19; Serial Nos. 403,122–3; published May 10, 1938. Class 26.
Firth Carpet Company, The, New York, N. Y. Carpets and rugs. 358,636; July 19; Serial No. 403,682; published May 10, 1938. Class 42.
Fitch, Robert L., Philadelphia, Pa. Toilet-powder. 123,806; renewed Dec. 10, 1938.

Fitchburg Grinding Machine Corp., Fitchburg, Mass. Machines for grinding metal. 358,498; July 19; Serial No. 384,916; published May 10, 1938. Class 23.
Fletcher, Arnon R., doing business as Childquic Foods, Los Angeles, Calif. Frozen food products. 358,705; July 19. Class 46.
Florida Beauty Mfg. Co. (See Leone, George.)
Fold-Way Manufacturing Company. (See Brown, Reinhardt H.)
Freundlich, Ralph A., Inc., Clinton, Mass. Novelty dolls or dummy representations of beings. 358,621; July 19; Serial No. 403,407; published May 10, 1938. Class 22.
Freydberg Bros., Inc., Stamford, Conn. Shoulder pads. 358,675; July 19; Serial No. 404,172; published May 10, 1938. Class 39.
Funches, Gussie, St. Louis, Mo. Hand lotion. 358,543; July 19; Serial No. 400,157; published Feb. 15, 1938. Class 6.
Garuoni, Ernest G., doing business as Vitalic Manufacturing Co., New York, N. Y. Hair waving preparation. 358,494; July 19; Serial No. 378,196; published June 8, 1937. Class 6.
Gaylord, Charles H., assignor to The Matchless Metal Polish Co., Chicago, Ill. Lime used in polishing metals. 122,273; renewed July 16, 1938.
General Mills, Inc., Minneapolis, Minn. Flour. 358,567; July 19; Serial No. 402,091; published May 3, 1938. Class 46.
Gerber & Co., Inc., New York, N. Y. Cheese. 358,513; July 19; Serial No. 393,273; published May 10, 1938. Class 46.
Gerboth, Henry L., doing business as Enzal Research Products, Milwaukee, Wis. Medicinal preparation. 358,522; July 19; Serial No. 396,772; published May 3, 1938. Class 6.
Gerson Goodman Tutelman Company, Philadelphia, Pa. Men's outer shirts. 358,714; July 19. Class 39.
Goodman, Louis, Philadelphia, Pa. Suits and overcoats. 358,552; July 19; Serial No. 401,107; published Apr. 26, 1938. Class 39.
Goodsmith Bros., New York, N. Y. Stamp pads. 358,710; July 19. Class 11.
Good, Harry L., doing business as Good Barbell Co., Reamstown, Pa. Gymnasium apparatus. 358,704; July 19. Class 22.
Goshen Manufacturing Company, The, Goshen, Ind. Lawn chairs. 358,690; July 19; Serial No. 404,407; published May 10, 1938. Class 32.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paint enamels. 358,529; July 19; Serial No. 398,470; published May 10, 1938. Class 16.
Greenebaum, J., Tanning Co., Chicago, Ill., and Milwaukee, Wis. Leather. 358,611; July 19; Serial No. 403,255; published May 3, 1938. Class 1.
Grosjean, C. E., Rice Milling Co., San Francisco, Calif. Rice. 358,504; July 19; Serial No. 390,450; published Sept. 28, 1937. Class 46.
Gross, Leopold, assignor to W. P. Tanner-Gross & Co. Inc., assignor, by mesne assignments, to Distributors Trucking Corporation, New York, N. Y. Wheat-flour. 122,209; renewed July 9, 1938.
Half Moon Biscuit Co., Inc., New York, N. Y. Crackers and biscuits. 358,645; July 19; Serial No. 403,819; published May 10, 1938. Class 46.
Hamilton-Low Company, The, New York, N. Y., assignor to Champion Dish Washing Machine Co., Erie, Pa. Dish-washing machines. 123,594; renewed Nov. 19, 1938.
Hampden Brewing Company, Willimansett, Mass. Ale, beer, and porter. 358,622; July 19; Serial No. 403,412; published May 10, 1938. Class 48.
Hanna, Agnes E., New York, N. Y. Tissue cream, skin tonic, foundation cream, etc. 358,527; July 19; Serial No. 397,969; published May 10, 1938. Class 6.
Hardinge Company, Incorporated, York, Pa. Noise responsive control apparatus. 358,544; July 19; Serial No. 400,459; published May 10, 1938. Class 23.
Harris, P. Stephen, doing business as National Cosmetic Sales Co., Kansas City, Mo. Perfumed deodorant. 358,642; July 19; Serial No. 403,767; published May 10, 1938. Class 6.
Hearn Department Stores, Inc., New York, N. Y. Wines. 358,593; July 19; Serial No. 402,862; published May 10, 1938. Class 47.
Heyden Chemical Corporation, New York, N. Y. Salts and esters of para-hydroxyl-acids. 358,492; July 19; Serial No. 376,207; published Mar. 16, 1937. Class 6.
Hilbert, William B., doing business as Infecnox Laboratories, Grand Island, Nebr. Medical preparation. 358,577; July 19; Serial No. 402,629; published Apr. 26, 1938. Class 6.
Holsen, E. S., Attica, Ind. Salve. 358,668; July 19; Serial No. 404,083; published May 10, 1938. Class 6.
Holst-Knudsen, S., New York, N. Y. Cheese. 358,560; July 19; Serial No. 401,864; published May 3, 1938. Class 46.
Hoover, Claude H., doing business as C-Lite Products, Goshen, Ind. Liquid preparation for cleaning and polishing glass and metal. 358,607; July 19; Serial No. 403,178; published May 10, 1938. Class 4.
Horky, Charles J., Berwyn, Ill. Chemical composition or mixture for treating silk fabrics. 358,716; July 19. Class 6.
Horner, Frank W., Limited, Montreal, Quebec, Canada. Capsules containing wheat germ oil, halibut oil, etc. 358,528; July 19; Serial No. 398,246; published Feb. 8, 1938. Class 6.
Hornl Signal Manufacturing Corporation, New York, N. Y. Sounding horns, signals, audible alarms, and parts thereof. 358,516; July 19; Serial No. 394,283; published May 10, 1938. Class 21.
Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y., to E. H. Horwood & Co., Hoboken, N. J. Wearing-apparel. 122,024; renewed June 18, 1938.
Humbard, Robert L., deceased, Los Angeles, Calif., assignor, by order of court, to A. Humbard, widow. Attachments for bottle for measuring and dispensing liquids therefrom. 358,700; July 19. Class 26.
Hunter Electro-Copyist, Inc., Syracuse, N. Y. Photocopying apparatus, supplies therefor, and parts thereof. 358,595; July 19; Serial No. 402,977; published May 10, 1938. Class 26.
Hunter, Robert L., doing business as The Nautical Clock Co., Norfolk, Va. Watches, clocks, chronometers, and dials therefor. 358,679; July 19; Serial No. 404,173; published May 10, 1938. Class 27.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial fibers. 358,620; July 19; Serial No. 403,405; published May 10, 1938. Class 1.
Imperial Sugar Company, Sugar Land, Tex. Sugar. 123,601; renewed Nov. 19, 1938.
Infecnox Laboratories. (See Hilbert, William B.)
Inferno Company. (See Blanchard, Alva G.)
International Filter Co., Chicago, Ill. Ion exchanging and adsorptive materials. 358,612; July 19; Serial No. 403,258; published Apr. 26, 1938. Class 6.
Iowa Poultry Producers Marketing Association, Ottumwa, Iowa. Stock and poultry feed, dressed poultry, butter, etc. 358,508; July 19; Serial No. 392,757; published Feb. 22, 1938. Class 46.
Jayknit Company, Inc., New York, N. Y. Knitted outerwear and beachwear. 358,548; July 19; Serial No. 400,671; published May 10, 1938. Class 39.
Jewel Sheen Waterproofing Corp., Long Island City, N. Y. Waterproofed fabrics. 358,639; July 19; Serial No. 403,725; published May 10, 1938. Class 50.
Joy O Chemical Co. (See Miles, Henry D.)
Juillard-Cockcroft Corporation, Watsonville and San Francisco, Calif. Brandy-cognac. 358,633; July 19; Serial No. 403,592; published May 10, 1938. Class 49.
Keig, Marshall, trustee for Prima Company, Chicago, Ill. Beer. 358,517; July 19; Serial No. 394,666; published May 10, 1938. Class 48.
Kell Company, Billings, Mont. Coffee and canned vegetables. 358,551; July 19; Serial No. 401,062; published May 10, 1938. Class 46.
Ke-Ra Products, Oakland, Calif. Medicine. 358,575; July 19; Serial No. 402,567; published May 3, 1938. Class 6.
Kilgore Manufacturing Company, The, Westerville, Ohio. Toy transportation vehicles. 358,707; July 19. Class 22.
Kleiner, Anthony, Grand Rapids, Mich. Cigars. 358,521; July 19; Serial No. 396,292; published May 10, 1938. Class 17.
Koppers Company, Pittsburgh, Pa., and Baltimore, Md. Piston rings. 358,534; July 19; Serial No. 399,093; published Feb. 15, 1938. Class 35.
Koppers Company, Pittsburgh, Pa., and Baltimore, Md. Piston rings. 358,728; July 19. Class 35.
Kuatro Sales Corporation, Seattle, Wash. Board games. 358,643; July 19; Serial No. 403,771; published May 10, 1938. Class 22.
Lakeland Manufacturing Company, Sheboygan, Wis. Mackinaws. 358,514; July 19; Serial No. 393,539; published Aug. 17, 1937. Class 39.
Larilab, New York, N. Y. Cosmetics. 358,541; July 19; Serial No. 400,107; published Feb. 1, 1938. Class 6.
Lentheric, Incorporated, New York, N. Y. Preparations for perfuming rooms, closets, and the like. 358,586; July 19; Serial No. 402,728; published Apr. 26, 1938. Class 6.
Leone, George, doing business as Florida Beauty Mfg. Co., Lakeland, Fla. Hair tonic. 358,717; July 19. Class 6.
Letellier-Phillips Paper Company, Inc., New Orleans, La. Wiping cloths. 358,695; July 19; Serial No. 404,569; published May 10, 1938. Class 29.
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Eye-lotion. 123,463; renewed Nov. 12, 1938.
Loomtogs, Inc., New York, N. Y. Bathing suits. 358,578; July 19; Serial No. 402,639; published May 10, 1938. Class 39.
Lorain Products Corporation, Lorain, Ohio. Electrical static frequency converters. 358,697; July 19. Class 21.
Lynn Umbrella Mfg. Co., Boston, Mass. Umbrellas. 358,623; July 19; Serial No. 403,416; published Apr. 26, 1938. Class 41.
Macy, R. H., & Co., Inc., New York, N. Y. Jellies, cheese, candies, etc. 358,634; July 19; Serial No. 403,657; published May 10, 1938. Class 46.
Madaus, Dr., & Company, Dresden, Germany. Therapeutic vitamin preparation. 358,545; July 19; Serial No. 400,559; published May 3, 1938. Class 6.
Marathon Laboratories, Inc., Newark, N. J. Hair waving fluids, hand lotions, etc. 358,523; July 19; Serial No. 396,925; published May 3, 1938. Class 6.
Marathon Paper Mills Company, doing business as Marathon Chemical Company, Rothschild, Wis. Tannery materials and extracts. 358,520; July 19; Serial No. 395,645; published Nov. 2, 1937. Class 6.

Markay Bags, Inc., New York, N. Y. Ladies' and children's handbags, pocketbooks, trunks, etc. 358,715; July 19. Class 3.

Marshall Field & Company, Chicago, Ill. Hosiery. 358,706; July 19. Class 39.

Mascolo, Emil, doing business as C. Mascolo Bottling Works, Waterbury, Conn. Maltless beverages and syrups, extracts and flavors used in making the same. 358,726; July 19. Class 45.

Master Food Products Corporation. (See Duprey-Faulmann Company.)

Matchless Metal Polish Co., The. (See Gaylord, Charles H., assignor.)

Mathieson Alkali Works (Inc.), The, New York, N. Y. Sodium chlorite. 358,581; July 19; Serial No. 402,688; published Apr. 26, 1938. Class 6.

May Department Stores Co., The, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Sheets, pillow cases, towels, etc. 358,709; July 19. Class 42.

McKinney, Earl B., New York, N. Y. Cosmetics. 358,587; July 19; Serial No. 402,735; published Apr. 26, 1938. Class 6.

McNulty, William J., Montclair, N. J. Preparation for teething and sore gums. 358,656; July 19; Serial No. 403,951; published May 10, 1938. Class 6.

Medicinal Research Laboratories, Philadelphia, Pa. Preparation used as a nutritive and stimulant tonic. 358,564; July 19; Serial No. 402,012; published May 10, 1938. Class 6.

Midway Chemical Co., Jersey City, N. J. Wax polish. 358,637; July 19; Serial No. 403,704; published May 10, 1938. Class 16.

Miles, Henry D., doing business as Joy O Chemical Co., Butte, Mont. Foot-lotion. 123,469; renewed Nov. 12, 1938.

Miller, Albert, & Co., Chicago, Ill. Potatoes. 358,644; July 19; Serial No. 403,777; published May 10, 1938. Class 46.

Miller, John H., doing business as Miller Bros., Baltimore, Md. Whiskey, gin, rum, etc. 358,493; July 19; Serial No. 377,930; published June 9, 1936. Class 49.

Million Brewery, Inc., New Lisbon, Wis. Beer. 358,725; July 19. Class 49.

Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. 358,657–8; July 19; Serial Nos. 403,952–3; published May 10, 1938. Class 46.

Missouri Products Company, Inc. (See Rismonti, Inc., assignor.)

Modern Pharmacals, Limited, London, England. Pharmaceutical preparation. 358,685; July 19; Serial No. 404,225; published May 10, 1938. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Insecticides, germicides, fungicides, etc. 358,613; July 19; Serial No. 403,274; published May 3, 1938. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants to be added to motor fuels. 358,614; July 19; Serial No. 403,275; published May 3, 1938. Class 6.

Mouldrite Limited, London, England. Synthetic resins. 358,572; July 19; Serial No. 402,432; published May 10, 1938. Class 1.

Murphy Chair Company, Owensboro, Ky. Spring seat chair construction. 358,687; July 19; Serial No. 404,257; published May 10, 1938. Class 32.

Mutual Citrus Products Co., Anaheim, Calif. Canned citrus juices for beverage purposes. 358,596; July 19; Serial No. 403,015; published May 10, 1938. Class 45.

Mutual Citrus Products Co., Anaheim, Calif. Canned citrus juices. 358,589; July 19; Serial No. 402,785; published May 3, 1938. Class 46.

Myerson, Ben, Inc., Los Angeles, Calif. Candy. 358,525; July 19; Serial No. 397,222; published May 10, 1938. Class 46.

National Cosmetic Sales Co. (See Harris, P. Stephen.)

National Rosin Oil & Size Company, Savannah, Ga. Rosin oil. 358,549; July 19; Serial No. 400,627; published May 3, 1938. Class 6.

Nautical Clock Co., The. (See Hunter, Robert L.)

New Process Rayon, Inc., Gloucester, N. J. Thread and yarn. 358,588; July 19; Serial No. 402,740; published May 3, 1938. Class 42.

Niacet Chemicals Corporation, Niagara Falls, N. Y. Acetal, acetaldehyde, acetaldol, etc. 358,631; July 19; Serial No. 403,555; published May 10, 1938. Class 6.

Odom, Anthony M., Jr. (See U. S. Remedy Co., assignor.)

Onnen, Adolph C., doing business as Say-So Remedy Company, Baltimore, Md. Tablet for the relief of simple headache, neuralgia, etc. 358,539; July 19; Serial No. 399,854; published May 3, 1938. Class 6.

Oppleman, L., Inc., New York, N. Y. Telescopes. 358,674; July 19; Serial No. 404,134; published May 10, 1938. Class 26.

Ozalid Corporation, New York, N. Y. Machines for developing diazo type prints, and parts thereof. 358,594; July 19; Serial No. 402,949; published May 10, 1938. Class 26.

Pacific Distillers, Inc., Culver City, Calif. Gin. 358,711; July 19. Class 49.

Pacific Fruit & Produce Co., Seattle, Wash. Fresh deciduous fruits. 358,535; July 19; Serial No. 399,674; published May 3, 1938. Class 46.

Pacific Knitting Mills, Inc., also doing business as Catalina, Los Angeles, Calif. Sun tan suits for women. 358,653; July 19; Serial No. 403,920; published May 10, 1938. Class 39.

Parfums Charbert, Inc., New York, N. Y. Cosmetics. 358,603; July 19; Serial No. 403,144; published Apr. 26, 1938. Class 6.

Parker Drug Co., Inc., Raleigh, N. C. Medicinal preparation for athlete's foot. 358,554; July 19; Serial No. 401,362; published Apr. 5, 1938. Class 6.

Parrot Speed Fastener Corp., New York and Long Island City, N. Y. Stapling machines, tackers, and pliers. 358,506; July 19; Serial No. 392,550; published May 10, 1938. Class 23.

Patterson-Sargent Company, The, Cleveland, Ohio. Paints, paint enamels, stains, etc. 358,693; July 19; Serial No. 404,483; published May 10, 1938. Class 16.

Pearson, William, Limited, London, England, assignor to The Creolin Co., Rahway, N. J. Disinfectant, antiseptic, and germicidal substance. 122,737; renewed Sept. 10, 1938.

Peerless Laboratories, Inc., New York, N. Y. Electrotherapeutic apparatus. 358,660; July 19; Serial No. 404,015; published May 10, 1938. Class 44.

Penn, Benjamin C., doing business as Pioneer Beauty Supply Company, Chicago, Ill. Hair-dress preparation. 358,635; July 19; Serial No. 403,660; published May 10, 1938. Class 6.

Pepsodent Co., The, Chicago, Ill. Purified alkyl sulfate. 358,579; July 19; Serial No. 402,645; published Apr. 26, 1938. Class 6.

Phoenix Color & Chemical Co., Paterson, N. J. Dyestuffs. 358,648; July 19; Serial No. 403,875; published Apr. 26, 1938. Class 6.

Phoenix Color & Chemical Co., Paterson, N. J. Dyestuffs. 358,649; July 19; Serial No. 403,876; published May 3, 1938. Class 6.

Pilley, Frank, & Sons, Inc., Omaha, Nebr. Butter. 358,550; July 19; Serial No. 400,876; published May 10, 1938. Class 46.

Pinaud Incorporated, New York, N. Y. Eye make-up products. 358,610; July 19; Serial No. 403,223; published Apr. 26, 1938. Class 6.

Pioneer Beauty Supply Company. (See Penn, Benjamin C.)

Plate Kleen Products Company, The, Dayton, Ohio. Dentifrice. 358,568; July 19; Serial No. 402,275; published May 10, 1938. Class 6.

Pollock, Paul H., doing business as Cajon Manufacturing Company, New York, N. Y. Nose drops. 358,557; July 19; Serial No. 401,679; published May 3, 1938. Class 6.

Poloris Company, Inc., New York, N. Y. Nose drops, ointment, and analgesic preparation. 358,680; July 19; Serial No. 404,182; published May 10, 1938. Class 6.

Prima Company. (See Kelg, Marshall, trustee.)

Purepac Corporation, New York, N. Y. Mouthwash. 358,491; July 19; Serial No. 372,746; published Dec. 8, 1936. Class 6.

R & S Dime Stores Inc., Columbus, Ohio. Skin lotion. 358,590; July 19; Serial No. 402,794; published Apr. 26, 1938. Class 6.

Ralston Purina Company, St. Louis, Mo. Preparation for use as a tonic and round-worm treatment for poultry. 358,597; July 19; Serial No. 403,017; published Apr. 26, 1938. Class 6.

Revlon Nail Enamel Corporation, The, New York, N. Y. Preparation for the nails. 358,624; July 19; Serial No. 403,423; published May 3, 1938. Class 6.

Rismonti, Inc., St. Louis, assignor to Missouri Products Company, Inc., University City, Mo. Toilet preparations. 358,495; July 19; Serial No. 383,820; published Apr. 26, 1938. Class 6.

Roche-Organon, Inc., Nutley, N. J. Medicinal preparations. 358,640; July 19; Serial No. 403,736; published May 3, 1938. Class 6.

Sackman Brothers Company, New York, N. Y. Children's playsuits. 358,501; July 19; Serial No. 389,477; published May 10, 1938. Class 39.

Say-So Remedy Company. (See Onnen, Adolph C.)

Schiff, Henry T., Chicago, Ill. Shaving devices and electrically operated hair cutting devices. 358,720; July 19. Class 23.

Schlorer Delicatessen Company, The, assignor to Mrs. Schlorer's Incorporated, Philadelphia, Pa. Foods. 118,335; renewed Aug. 28, 1937.

Schulte, D. A., Inc., New York, N. Y. Wallets, secretary wallets, brief cases, etc. 358,723; July 19. Class 3.

Sears, Roebuck and Co., Chicago, Ill. Aprons. 122,621; renewed Aug. 27, 1938.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Liver extract with iron and vitamins. 358,627; July 19; Serial No. 403,471; published May 3, 1938. Class 6.

Shaw, Alex D., & Co., assignor to Alex D. Shaw & Co. Inc., New York, N. Y. Sherry. 123,390; renewed Oct. 29, 1938.

Sherwin Bros., New York, N. Y. Kitchen towels. 358,727; July 19. Class 42.

Sight Light Corporation, The, New York, N. Y. Electric lamps, reflectors, electric chandeliers, etc. 358,696; July 19. Class 21.

Sikto Laboratories, New York, N. Y. Foot ointment. 358,600; July 19; Serial No. 403,098; published Apr. 26, 1938. Class 6.

Simmons Company, New York, N. Y. Mattresses, box springs, sofas, etc. 358,686; July 19; Serial No. 404,233; published May 10, 1938. Class 32.

Singer Shaver Corporation, Wilmington, Del. Dry shavers. 358,576; July 19; Serial No. 402,577; published May 10, 1938. Class 23.

Snell, Percy E., New York, N. Y. Preparation for incipient colds, hay fever, nasal catarrh, etc. 358,604–5; July 19; Serial Nos. 403,149–50; published Apr. 26, 1938. Class 6.

Societe Anonyme des Anciens Etablissements C. & E. Chapal Freres & Cie., Montreuil-sous-Bois, France. Hides, pelts, and skins. 358,505; July 19; Serial No. 392,292; published May 10, 1938. Class 1.

Societe Anonyme la Biotherapie (Societe Anonyme de Produits Chimiques, Biologiques et d'Hygiene), Paris, France. General tonic and remedy. 358,661; July 19; Serial No. 404,018; published May 10, 1938. Class 6.

Solar Metal Products Co., Inc., Columbus, Ohio, assignor to Solar-Sturgeon Mfg. Co., Melrose Park, Ill. Receptacles or containers. 123,494; renewed Nov. 12, 1938.

Somerville Live Poultry Co. Inc., Cambridge, Mass. Poultry. 358,615; July 19; Serial No. 403,282; published May 10, 1938. Class 46.

Squibb, E. R., & Sons, New York, N. Y. Syphilotherapeutic preparations. 358,688; July 19; Serial No. 404,272; published May 10, 1938. Class 6.

Stange, Wm. J., Co., Chicago, Ill. Tablets for curing meat and for food color tablets. 358,524; July 19; Serial No. 396,934; published May 10, 1938. Class 6.

Stearns, Frederick, & Company, Detroit, Mich. Preparation used in the treatment of gynecologic, etc., conditions. 358,598; July 19; Serial No. 403,022; published Apr. 26, 1938. Class 6.

Stearns, Frederick, & Company, Detroit, Mich. Preparation used as a vasoconstrictor, etc. 358,666; July 19; Serial No. 404,063; published May 10, 1938. Class 6.

Stephens-Adamson Mfg. Co., Aurora, Ill. House organ. 123,289; renewed Oct. 22, 1938.

Stratford Engineering Corporation, Kansas City, Mo. Apparatus for refining hydrocarbon oils. 358,510; July 19; Serial No. 393,188; published May 10, 1938. Class 23.

Streit, Carl F., doing business as C. F. Streit Manufacturing Company, Cincinnati, Ohio. Chairs. 358,691; July 19; Serial No. 404,421; published May 10, 1938. Class 32.

Superior Fastener Corporation, Chicago, Ill. Metal wood holding cleats. 358,489; July 19; Serial No. 363,470; published May 10, 1938. Class 13.

Tanner, W. P.,-Gross & Co. Inc. (See Gross, Leopold, assignor.)

Tanner, W. P.,-Gross and Company, Inc., assignor to Distributors Trucking Corporation, New York, N. Y. Wheat-flour. 122,046; renewed June 18, 1938.

Taylor, Taylor & Hobson, Limited, Leicester, England. Photographic lenses. 358,500; July 19; Serial No. 389,274; published May 10, 1938. Class 26.

Toland & Donald, Mission, Tex. Fresh citrus fruits. 358,542; July 19; Serial No. 400,139; published Feb. 15, 1938. Class 46.

Triangle Paint Company, Berkeley, Calif. Ready mixed paints. 358,712; July 19. Class 16.

Triangle Underwear Corporation, New York, N. Y. Slips. 358,646; July 19; Serial No. 403,838; published May 10, 1938. Class 39.

Trinidad Bean and Elevator Company, The, Denver, Colo. Dried peas, and dried beans. 358,497; July 19; Serial No. 384,276; published Feb. 2, 1937. Class 46.

Tycoon Tackle, Inc., Miami, Fla. Fishing rods. 358,681–2; July 19; Serial Nos. 404,194–5; published May 10, 1938. Class 22.

Union Coal Company, Inc., Rochester, N. Y. Coal. 358,571; July 19; Serial No. 402,352; published May 10, 1938. Class 1.

United Drug Company, Boston, Mass. Dysmenorrhea tablets. 358,632; July 19; Serial No. 403,571; published Apr. 26, 1938. Class 6.

United States Finishing Company, The, Providence, R. I. Textile fabrics. 358,702; July 19. Class 42.

United States Graphite Company, The, Saginaw, Mich. Graphite. 358,675; July 19; Serial No. 404,140; published May 10, 1938. Class 1.

U. S. Remedy Co., assignor to Anthony M. Odom, Jr., Hattiesburg, Miss. Headache powders. 358,531; July 19; Serial No. 398,744; published Mar. 15, 1938. Class 6.

Upjohn Company, The, Kalamazoo, Mich. Hypnotic preparation. 358,507; July 19; Serial No. 392,566; published Nov. 2, 1937. Class 6.

Van Raalte, Hortense, New York, N. Y. Preparation for application on eyelashes and eyebrows. 358,573; July 19; Serial No. 402,455; published May 3, 1938. Class 6.

Vitalic Manufacturing Co. (See Gardoni, Ernest G.)

Vitefolyn Company. (See Dixon, Carl A.)

Vivaudou, Jean, Company, New York, N. Y. Astringents, astringent cerates, beauty creams, etc. 358,619; July 19; Serial No. 403,343; published May 3, 1938. Class 6.

Weiss-Friedman Co. Inc., New York, N. Y. Piece goods. 358,641; July 19; Serial No. 403,745; published May 10, 1938. Class 42.

Wellesley Modes Inc., New York, N. Y. Coats and suits. 358,546; July 19; Serial No. 400,622; published May 10, 1938. Class 39.

Wesco Foods Company, Cincinnati, Ohio. Evaporated milk. 358,669; July 19; Serial No. 404,099; published May 10, 1938. Class 46.

Western States Machine Company, The, New York, N. Y. Centrifugals and parts thereof. 358,721; July 19. Class 23.

Western States Machine Company, The, New York, N. Y. Mixing and conditioning apparatus for treating sugar massecuites and magmas preparation preparatory to centrifuging the same in the manufacture of sugar. 358,722; July 19. Class 23.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric luminaires. 358,650; July 19; Serial No. 403,883; published May 10, 1938. Class 21.

Wile, Julius, Sons & Co., Inc., New York, N. Y. Brandy, cognac, whiskey, etc. 358,536; July 19; Serial No. 399,693; published May 10, 1938. Class 49.

Wile, Julius, Sons & Co., Inc., New York, N. Y. Sherries, ports, champagne, etc. 358,537; July 19; Serial No. 399,694; published May 10, 1938. Class 47.

Williams, William E., New York, N. Y. Hardware and plumbing and steam-fitting supplies. 122,560; renewed Aug. 20, 1938.

Willson Products, Inc., Reading, Pa. Protection shields for goggles. 358,676; July 19; Serial No. 404,148; published May 10, 1938. Class 26.

Wilson & Co., Inc., Chicago, Ill. Gelatine coating for cured meats, etc. 358,662; July 19; Serial No. 404,024; published May 10, 1938. Class 46.

Witwer Grocer Company, doing business as Coffee Sales Company, Cedar Rapids, Iowa. Coffee. 358,558; July 19; Serial No. 401,713; published May 10, 1938. Class 46.

Wolf, Jacques, & Co., Clifton, N. J. Chemical preparation. 358,713; July 19. Class 6.

Wood, C. D., Electric Company, Inc., New York, N. Y. Plug receptacles, plugs, adapters, etc. 358,677; July 19; Serial No. 404,151; published May 10, 1938. Class 21.

Wood Newspaper Machinery Corporation, New York, N. Y. Printing machines. 358,503; July 19; Serial No. 389,666; published May 10, 1938. Class 23.

Woodford County Distillery Co., Midway, Ky., and St. Louis, Mo. Whiskey. 358,502; July 19; Serial No. 389,584; published Apr. 13, 1937. Class 49.

Wright Aeronautical Corporation, Paterson, N. J. Magazine. 358,496; July 19; Serial No. 384,105; published Feb. 22, 1938. Class 38.

Wyeth, John, and Brother, Incorporated, Philadelphia, Pa. Medicinal preparation. 358,654; July 19; Serial No. 403,928; published May 10, 1938. Class 6.

LIST OF REGISTRANTS OF LABELS

Alice Blue Studios. (See Daggett Chocolate Company.)

Alka-Erba Company, Baltimore, Md. Alka-Erba. For an Extract of Natural Herbs Combined with Alkalines and Flavoring Used as a Stomach Stimulant, Bowel Laxative, Kidney Diuretic and Appetizer. 51,518; July 19.

American Stores Company, Philadelphia, Pa. Italian Style Spaghetti with Tomato Sauce and Cheese. For Spaghetti. 51,519; July 19.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints. For Mints. 51,520–1; July 19.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Cocktailettes. For Biscuits. 51,522; July 19.

Bingo Insecticide Inc., New York, N. Y. Bingo. For Insecticide. 51,523; July 19.

California Fruit Growers Exchange, Los Angeles, Calif. Exchange Fruit Pectin. For Prepared Fruit Pectin. 51,524; July 19.

Cheez-Wich Company, The, Chicago, Ill. Cheez-Wich. For Cheese and Crackers. 51,525; July 19.

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 51,526; July 19.

Daggett Chocolate Company, doing business as Alice Blue Studios, Cambridge, Mass. Chocolates—Small Pieces. For Chocolates. 51,527; July 19.

Finch, Theodore W., Rochester, N. Y. Chef-Saus. For a Sauce for Flavoring and Coloring Gravy. 51,528; July 19.

Frantz, Charton C., doing business as The Frantz Company, Pittsburgh, Pa. All Butter. For Bread. 51,529; July 19.

Gilbert, A. C., Company, The, New Haven, Conn. Gilbert Electric Vibrator. For Electric Vibrators. 51,530; July 19.

Golden Loaf Bakery, Wenatchee, Wash. Appeal Bread. For Bread Wrappers. 51,531; July 19.

Jerome, J. P., Company, Cleveland, Ohio. R A J Cold Pressed Wheat Germ Oil. For Cold Pressed Wheat Germ Oil. 51,532; July 19.

Jones, R. A., Omaha, Nebr. White Spot. For Cigars. 51,533; July 19.

La Touraine Coffee Co., Boston, Mass. La Touraine. For Coffee. 51,534; July 19.

Mannings, Inc., San Francisco, Calif. Manning's Coffee. For Coffee. 51,535; July 19.

Marks, L. V., & Sons Co., The, Cincinnati, Ohio. Air Bilt. For Shoes. 51,536; July 19.

McIntosh, Howard E., Springfield, Mass. Treasure Chest Coin Collection. For a Coin Collection. 51,537; July 19.

Menasha Products Company, Menasha, Wis. Menasha Doughnuts. For Doughnuts. 51,538; July 19.

O. K. Foods, Inc., La Grange, Ill. Baked Ham Sandwich Filling. For Baked Ham Sandwich Filling. 51,539; July 19.

O-Cedar Corp'n., Chicago, Ill. O-So-Ezy Lemon Oil Polish. For Lemon Oil Polish for Fine Furniture, Woodwork, Floors, etc., and also for Use on Oil Mops. 51,540; July 19.

Perkins, Edgar G., Agua Caliente, Calif. Alka Chos. For a Chocolate Coated Candy Bar. 51,541; July 19.

N. V. Phoenix Brouwerij, doing business as Phoenix-Brewery Amersfoort, Amersfoort, Netherlands. Imported Holland Klaver Beer. For Beer. 51,542; July 19.

Phoenix-Brewery Amersfoort. (See N. V. Phoenix Brouwerij.)

Samuels, T. W., Distillery, Inc., The, Deatsville, Ky., and Cincinnati, Ohio. For Four Generations. For Kentucky Straight Bourbon Whiskey. 51,543; July 19.

Scarsella, Louis S., Youngstown, Ohio. La Perfuma. For Washing Fluid. 51,544; July 19.

Standard Brands Incorporated, New York, N. Y. Royal. For Baking Powder. 51,545–6; July 19.

Standard Industrial Products, Inc., Evansville, Ind. Quick. For a Dry Cleaner. 51,547; July 19.

Strauber Bros., New York, N. Y. Supercraft Lingerie. For Lingerie. 51,548; July 19.

Strauber Bros., New York, N. Y. Supercraft Undergarments. For Undergarments. 51,549; July 19.

Washburn, F. B., Candy Corp., Brockton, Mass. Coconut Bar. For Coconnut Bars. 51,550–1; July 19.

Wrobbel, William, doing business as John Wrobbel Bakery, Bloomingburg, Ohio. Wrobbel's Sandwich Bread. For Bread. 51,552; July 19.

LIST OF REGISTRANTS OF PRINTS

Commercial Solvents Corporation, Terre Haute, Ind. Nor'Way Reliable Service Anti-Freeze. For an Anti-Freeze Composition. 16,940; July 19.

Cream of Wheat Corporation, The, Minneapolis, Minn. A New Freedom—Home Baked Cookies in One-Half the Time. For a Prepared Mixture for making Cookies. 16,941; July 19.

Cream of Wheat Corporation, The, Minneapolis, Minn. What Swell Cookies. They're Home Baked. For a Prepared Mixture for making Cookies. 16,942; July 19.

Cream of Wheat Corporation, The, Minneapolis, Minn. Home Baked Cookies 'Gee Mom, I Love 'Em!'. For a Prepared Mixture for Making Cookies. 16,943; July 19.

General Mills, Inc., Minneapolis, Minn. You Aren't My Real Mother. For Cereal Food. 16,944; July 19.

Hills Bros., San Francisco, Calif. Aroma Flavor Strength—Hills Bros. Blue Can Brand Coffee—Adform 189. For Coffee. 16,945; July 19.

Hills Bros., San Francisco, Calif. It's Cooler Inside—Serve Ice Cold—Adform 193. For Coffee. 16,946; July 19.

Norton Lasier Company, Chicago, Ill. LCN Miracle Streamlined Door Closer. For Door Closing and Checking Devices. 16,947; July 19.

Underwood Elliott Fisher Company, New York, N. Y. The 10 Key Underwood Sundstrand. For Portable Posting Machines. 16,948; July 19.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Union Coal Company. 358,571; July 19; Serial No. 402,352; published May 10, 1938.

Fibers, Artificial. I. G. Farbenindustrie Aktiengesellschaft. 358,620; July 19; Serial No. 403,405; published May 10, 1938.

Graphite. United States Graphite Company. 358,675; July 19; Serial No. 404,140; published May 10, 1938.

Hides, pelts, and skins. Societe Anonyme des Anciens Etablissements C. & E. Chapal Freres & Cie. 358,505; July 19; Serial No. 392,292; published May 10, 1938.

Leather. J. Greenebaum Tanning Co. 358,611; July 19; Serial No. 403,255; published May 3, 1938.

Resins, resin solutions. Beck, Koller & Co., Inc. 358,556; July 19; Serial No. 401,467; published May 10, 1938.

Resins, Synthetic. Ellis-Foster Company. 358,626; Serial No. 403,447; published May 10, 1938.

Resins, Synthetic. Mouldrite Limited. 358,572; July 19; Serial No. 402,432; published May 10, 1938.

CLASS 2

Receptacles or containers. Solar Metal Products Co. 123,494; renewed Nov. 12, 1938.

CLASS 3

Handbags, pocketbooks, trunks, etc., Ladies' and children's. Markay Bags, Inc. 358,715; July 19.

Straps and strappings, Baggage. Charles Bond Company. 123,321; renewed Oct. 29, 1938.

Wallets, secretary wallets, brief cases, etc. D. A. Schulte, Inc. 358,723; July 19.

CLASS 4

Dressing and preserver, Belt. Ensign Products Company. 358,555; July 19; Serial No. 401,364; published May 10, 1938.

Lime used in polishing metals. C. H. Gaylord. 122,273; renewed July 16, 1938.

Liquid preparation for cleaning and polishing glass and metal. C. H. Hoover. 358,607; July 19; Serial No. 403,178; published May 10, 1938.

Solvent. Basol Laboratories, Inc. 358,628; July 19; Serial No. 403,491; published May 10, 1938.

CLASS 6

Acetal, acetaldehyde, acetaldol, etc. Niacet Chemicals Corporation. 358,631; July 19; Serial No. 403,555; published May 10, 1938.

Alkyl sulfate, Purified. Pepsodent Co. 358,579; July 19; Serial No. 402,645; published Apr. 26, 1938.

Antiseptic. Astone Products Co. 358,651; July 19; Serial No. 403,893; published May 10, 1938.

Antiseptic dressing. L. Ashworth. 358,663; July 19; Serial No. 404,027; published May 10, 1938.

Antiseptic jelly. Calco Chemical Company. 358,664; July 19; Serial No. 404,029; published Apr. 26, 1938.

Astringents, astringent cerates, beauty creams, etc. Jean Vivaudou Company. 358,619; July 19; Serial No. 403,343; published May 3, 1938.

Capsules containing wheat germ oil, halibut oil, etc. Frank W. Horner, Limited. 358,528; July 19; Serial No. 398,246; published Feb. 8, 1938.

Capsules for medicinal or other use. Betts & Co. 16,009; re-renewed Nov. 20, 1938.

Chemical adjuvants to be added to motor fuels. Monsanto Chemical Company. 358,614; July 19; Serial No. 403,275; published May 3, 1938.

Chemical composition. Corrosion Control Corporation. 358,570; July 19; Serial No. 402,330; published Apr. 26, 1938.

Chemical composition or mixture for treating silk fabrics. C. J. Horky. 358,716; July 19.

Chemical dye aids. Böhme Fettchemie-Gesellschaft mit Haftung. 358,671–2; July 19; Serial Nos. 404,111–12; published May 3, 1938.

Chemical dye aids. Böhme Fettchemie-Gesellschaft Haftung. 358,673; July 19; Serial No. 404,114; published May 3, 1938.

Chemical preparation. Jacques Wolf & Co. 358,713; July 19.

Chemical, Water softening. Calgon, Inc. 358,518; July 19; Serial No. 395,274; published May 10, 1938.

Chemical weed-puller compounds. Barteldes Seed Company. 358,566; July 19; Serial No. 402,083; published Apr. 19, 1938.

Compound for application to boat bottoms. Arcade Laboratories. 358,559; July 19; Serial No. 401,762; published Apr. 26, 1938.

Cosmetics. Larilab. 358,541; July 19; Serial No. 400,107; published Feb. 1, 1938.

Cosmetics. E. B. McKinney. 358,587; July 19; Serial No. 402,735; published Apr. 26, 1938.

Cosmetics. Parfums Charbert, Inc. 358,603; July 19; Serial No. 403,144; published Apr. 26, 1938.

Cream, Cold. C. J. Ezell. 358,652; July 19; Serial No. 403,912; published May 10, 1938.

Cream, skin tonic, foundation cream, etc., Tissue. A. E. Hanna. 358,527; July 19; Serial No. 397,969; published May 10, 1938.

Deliquescent material. Calorider Corporation. 358,585; July 19; Serial No. 402,716; published Apr. 26, 1938.

Dentifrice. Plate Kleen Products Company. 358,568; July 19; Serial No. 402,275; published May 10, 1938.

Deodorant, Perfumed. P. S. Harris. 358,642; July 19; Serial No. 403,767; published May 10, 1938.

Disinfectant, antiseptic, and germicidal substance. William Pearson Limited. 122,737; renewed Sept. 10, 1938.

Dyestuffs. Phoenix Color & Chemical Co. 358,648; July 19; Serial No. 403,875; published Apr. 26, 1938.

Dyestuffs. Phoenix Color & Chemical Co. 358,649; July 19; Serial No. 403, 876; published May 3, 1938.

Dysmenorrhea tablets. United Drug Company. 358,632; July 19; Serial No. 403,571; published Apr. 26, 1938.

Eye make-up products. Pinaud Incorporated. 358,610; July 19; Serial No. 403,223; published Apr. 26, 1938.

Extract with iron and vitamins, Liver. Sharp & Dohme, Incorporated. 358,627; July 19; Serial No. 403,471; published May 3, 1938.

Glycerine. Colgate-Palmolive-Peet Company. 358,659; July 19; Serial No. 403,990; published May 10, 1938.

Hair-dress preparation. B. C. Penn. 358,635; July 19; Serial No. 403,660; published May 10, 1938.

Hair waving preparation. E. G. Gardoni. 358,494; July 19; Serial No. 378,196; published June 8, 1937.

Herbicides. California Spray-Chemical Corporation. 358,582–4; July 19; Serial Nos. 402,713–5; published Apr. 26, 1938.

Hypnotic preparation. Upjohn Company. 358,507; July 19; Serial No. 392,506; published Nov. 2, 1937.

Insecticides, Agricultural. Constal Chemical Company. 358,532; July 19; Serial No. 398,756; published Apr. 19, 1938.

Insecticides, germicides, fungicides, etc. Monsanto Chemical Company. 358,613; July 19; Serial No. 403,274; published May 3, 1938.

Ion exchanging and adsorptive materials. International Filter Co. 358,612; July 19; Serial No. 403,258; published Apr. 26, 1938.

Lotion, Eye. J. Canales. 358,533; July 19; Serial No. 399,071; published Apr. 26, 1938.

Lotion, Eye. F. N. Lewis. 123,463; renewed Nov. 12, 1938.

Lotion, Foot. H. D. Miles. 123,469; renewed Nov. 12, 1938.

Lotions, Hand. Druggists' Corporation. 358,519; July 19; Serial No. 395,447; published May 10, 1938.

Lotion, Hand. G. Funches. 358,543; July 19; Serial No. 400,157; published Feb. 15, 1938.

Lotion, Medicinal. C. A. Dixon. 358,683; July 19; Serial No. 404,198; published May 10, 1938.

Lotion, Skin. R & S Dime Stores Inc. 358,590; July 19; Serial No. 402,794; published Apr. 26, 1938.

Material, Adsorptive and purifying. Filtrol Company of California. 358,665; July 19; Serial No. 404,038; published May 10, 1938.

Material for chemically softening and conditioning water, Granular. C. F. Burgess Laboratories, Inc. 358,684; July 19; Serial No. 404,200; published May 10, 1938.

Medicinal preparation. H. L. Gerboth. 358,522; July 19; Serial No. 396,772; published May 3, 1938.

Medical preparation. W. B. Hilbert. 358,577; July 19; Serial No. 402,629; published Apr. 26, 1938.

Medicinal preparation. John Wyeth and Brother, Incorporated. 358,654; July 19; Serial No. 403,928; published May 10, 1938.

Medicinal preparations. Roche-Organon, Inc. 358,640; July 19; Serial No. 403,736; published May 3, 1938.

Medicinal preparation for athlete's foot. Parker Drug Co. 358,554; July 19; Serial No. 401,382; published Apr. 5, 1938.

Medicine. Ke-Ra Products. 358,575; July 19; Serial No. 402,567; published May 3, 1938.

Medicine, Laxative and cathartic. American Drug & Chemical Co. 358,701; July 19.

Medicines, cholagogues, camphor preparations, etc., Cough. C. H. Boehringer Sohn Aktiengesellschaft. 358,509; July 19; Serial No. 392,959; published Feb. 15, 1938.

Mixture comprising dextrose, calcium oxide, etc., used as an acid standardizer on processing mils and in the confection of ice cream. De-Raef Corporation. 358,562; July 19; Serial No. 401,891; published Apr. 5, 1938.

Mouthwash. Purepac Corporation. 358,491; July 19; Serial No. 372,746; published Dec. 8, 1936.

Nail polish and bleach and powders, skin lotions, etc. H. C. Bates. 358,703; July 19.

Nail polish remover pads and cleansing pads. Clark-Millner Co. 358,592; July 19; Serial No. 402,843; published May 10, 1938.

Nail polishes. Elizabeth Arden, Inc. 358,616; July 19; Serial No. 403,295; published May 3, 1938.

Nose drops. P. H. Pollock. 358,557; July 19; Serial No. 401,679; published May 3, 1938.

Nose drops, ointment, and analgesic preparation. Poloris Company. 358,680; July 19; Serial No. 404,182; published May 10, 1938.

Ointment, Foot. Sikto Laboratories. 358,600; July 19; Serial No. 403,098; published Apr. 26, 1938.

Pharmaceutical for anemia. Chappel Bros., Inc. 358,655; July 19; Serial No. 403,935; published Apr. 26, 1938.

Pharmaceutical preparation. Modern Pharmacals, Limited. 358,685; July 19; Serial No. 404,225; published May 10, 1938.

Powder, Toilet. R. L. Fitch. 123,806; renewed Dec. 10, 1938.

Powders, Headache. U. S. Remedy Co. 358,531; July 19; Serial No. 398,744; published Mar. 15, 1938.

Preparation for application on eyelashes and eyebrows. H. Van Raalte. 358,573; July 19; Serial No. 402,455; published May 3, 1938.

Preparation for bronchial asthma and hay fever. Azein Remedy Co. 358,630; July 19; Serial No. 403,534; published May 3, 1938.

Preparation for developing the bust. M. E. Edwards. 358,718; July 19.

Preparation for incipient colds, hay fever, nasal catarrh, etc. P. E. Snell. 358,604–5; July 19; Serial Nos. 403,149–50; published Apr. 26, 1938.

Preparation for perfuming rooms, closets, and the like. Lentheric, Incorporated. 358,586; July 19; Serial No. 402,728; published Apr. 26, 1938.

Preparation for stopping runs in hoisery. Camille, Inc. 358,724; July 19.

Preparation for teething and sore gums. W. J. McNulty. 358,656; July 19; Serial No. 403,951; published May 10, 1938.

Preparation for the nails. Revlon Nail Enamel Corporation. 358,624; July 19; Serial No. 403,423; published May 23, 1938.

Preparation for use as a tonic and round-worm treatment for poultry. Ralston Purina Company. 358,597; July 19; Serial No. 403,017; published Apr. 26, 1938.

Preparation used as a nutritive and stimulant tonic. Medicinal Research Laboratories. 358,564; July 19; Serial No. 402,012; published May 10, 1938.

Preparation used as a vasoconstrictor, etc. Frederick Stearns & Company. 358,666; July 19; Serial No. 404,063; published May 10, 1938.

Preparation used in the treatment of certain gynecologic, etc. conditions. Frederick Stearns & Company. 358,598; July 19; Serial No. 403,022; published Apr. 26, 1938.

Preparations for the hair. Chesebrough Manufacturing Company. 358,629; July 19; Serial No. 403,492; published May 3, 1938.

Rosin oil. National Rosin Oil & Size Company. 358,549; July 19; Serial No. 400,697; published May 3, 1938.

Salts and esters of para-hydroxyl-acids. Heyden Chemical Corporation. 358,492; July 19; Serial No. 376,207; published Mar. 16, 1937.

Salve. E. S. Holsen. 358,668; July 19; Serial No. 404,083; published May 10, 1938.

Sodium chlorite. Mathieson Alkali Works (Inc.) 358,581; July 19; Serial No. 402,688; published Apr. 26, 1938.

Syphilotherapeutic preparations. E. R. Squibb & Sons. 358,688; July 19; Serial No. 404,272; published May 10, 1938.

Tablet for the relief of simple headache, neuralgia, etc. A. C. Onnen. 358,539; July 19; Serial No. 399,854; published May 3, 1938.

Tablets for curing meat and for food color tablets. Wm. J. Stange Co. 358,524; July 19; Serial No. 396,934; published May 10, 1938.

Tannery materials and extracts. Marathon Paper Mills Company. 358,520; July 19; Serial No. 395,645; published Nov. 2, 1937.

Toilet preparations. Rismonti, Inc. 358,495; July 19; Serial No. 383,820; published Apr. 26, 1938.

Tonic and remedy, General. Societe Anonyme la Biotherapie (Societe Anonyme de Produits Chimiques, Biologiques et d'Hygiene). 358,661; July 19; Serial No. 404,018; published May 10, 1938.

Tonic blend of vitamins, accessory food factors, and minerals. A. A. Brouillard & Co. Inc. 358,625; July 19; Serial No. 403,443; published May 3, 1938.

Tonic, Hair. G. Leone. 358,717; July 19.

Vitamin preparation, Therapeutic. Dr. Madaus & Company. 358,545; July 19; Serial No. 400,559; published May 3, 1938.

Waving fluids, hand lotions, etc., Hair. Marathon Laboratories, Inc. 358,523; July 19; Serial No. 396,925; published May 3, 1938.

CLASS 9

Fuses. Embury Manufacturing Company. 358,530; July 19; Serial No. 398,719; published May 3. 1938.

CLASS 11

Stamp pads. Goldsmith Bros. 358,710; July 19.

CLASS 12

Coating for roads and other surfaces, Tarry. Barrett Company. 121,852–4; renewed June 11, 1938.

Sheathing-paper. The Barrett Company. 122,300; renewed July 23, 1938.

CLASS 13

Cleats, Metal wood holding. Superior Fastener Corporation. 358,489; July 19; Serial No. 363,470; published May 10, 1938.

Hardware and plumbing and steam-fitting supplies. W. E. Williams. 122,560; renewed Aug. 20, 1938.

CLASS 14

Metals and metal castings and forgings. George Barnsley & Sons. 121,851; renewed June 11, 1938.

CLASS 16

Paint enamels. Great Lakes Varnish Works, Inc. 358,529; July 19; Serial No. 398,470; published May 10, 1938.
Paints, paint enamels, stains, etc. Patterson-Sargent Company. 358,693; July 19; Serial No. 404,483; published May 10, 1938.
Paints. Ready mixed. Triangle Paint Company. 358,712; July 19.
Polish, Wax. Midway Chemical Co. 358,637; July 19; Serial No. 403,704; published May 10, 1938.

CLASS 17

Cigars. A. Kleiner. 358,521; July 19; Serial No. 396,292; published May 10, 1938.

CLASS 21

Converters, Electrical static frequency. Lorain Products Corporation. 358,697; July 19.
Electrical circuit breakers, switches, fuses, etc. Arrow-Hart & Hegeman Electric Company. 358,591; July 19; Serial No. 402,812; published May 10, 1938.
Horns, signals, audible alarms, and parts thereof, Sounding. Horni Signal Manufacturing Corporation. 358,516; July 19; Serial No. 394,283; published May 10, 1938.
Lamps, reflectors, electric chandeliers, etc., Electric. Sight Light Corporation. 358,696; July 19.
Luminaires, Electric. Westinghouse Electric & Manufacturing Company. 358,650; July 19; Serial No. 403,883; published May 10, 1938.
Plug receptacles, plugs, adapters, etc. C. D. Wood Electric Company. 358,677; July 19; Serial No. 404,151; published May 10, 1938.

CLASS 22

Bathing devices for dolls. Baby Bathinette Corporation. 358,617; July 19; Serial No. 403,297; published May 10, 1938.
Dolls or dummy representations of beings, Novelty. Ralph A. Freundlich, Inc. 358,621; July 19; Serial No. 403,407; published May 10, 1938.
Fishing rods. Tycoon Tackle, Inc. 358,681–2; July 19; Serial Nos. 404,194–5; published May 10, 1938.
Games, Board. Kuatro Sales Corporation. 358,643; July 19; Serial No. 403,771; published May 10, 1938.
Gymnasium apparatus. H. L. Good. 358,704; July 19.
Skis and component parts thereof. William J. Beer Company. 358,511–12; July 19; Serial Nos. 393,207–8; published May 10, 1938.
Toy transportation vehicles. Kilgore Manufacturing Company. 358,707; July 19.

CLASS 23

Apparatus for refining hydrocarbon oils. Stratford Engineering Corporation. 358,510; July 19; Serial No. 393,188; published May 10, 1938.
Centrifugals and parts thereof. Western States Machine Company. 358,721; July 19.
Cutlery, machinery, and tools and parts thereof. Bahr Brothers Mfg. Co. 123,636; renewed Nov. 19, 1938.
Cutlery, machinery, and tools and parts thereof. George Barnsley & Sons. 122,260–1; renewed July 16, 1938.
Dish-washing machines. Hamilton-Low Company. 123,594; renewed Nov. 19, 1938.
Locomotives, gas mechanical locomotives, and parts thereof. Diesel. Ceramic Machinery Company. 358,515; July 19; Serial No. 394,122; published Jan. 25, 1938.
Machines for grinding metal. Fitchburg Grinding Machine Corp. 358,498; July 19; Serial No. 384,916; published May 10, 1938.
Mixing and conditioning apparatus for treating sugar massecuites and magmas preparatory to centrifuging the same in the manufacture of sugar. Western States Machine Company. 358,722; July 19.
Noise responsive control apparatus. Hardinge Company. 358,544; July 19; Serial No. 400,459; published May 10, 1938.
Printing machines. Wood Newspaper Machinery Corporation. 358,503; July 19; Serial No. 389,666; published May 10, 1938.
Shavers, Dry. Singer Shaver Corporation. 358,576; July 19; Serial No. 402,577; published May 10, 1938.
Shaving devices and electrically operated hair cutting devices. H. T. Schiff. 358,720; July 19.
Stapling machines, tackers, and pliers. Parrot Speed Fastener Corp. 358,506; July 19; Serial No. 392,550; published May 10, 1938.

CLASS 26

Attachments for bottle for measuring and dispensing liquids therefrom. R. L. Humbard. 358,700; July 19.
Films for theatrical use. Affiliated Enterprises, Inc. 358,490; July 19; Serial No. 368,673; published Jan. 14, 1936.
Instruments to be used in determining the flight balance of aircraft and dials to be used with such instruments. Cox & Stevens Aircraft Corp. 358,563; July 19; Serial No. 401,924; published May 10, 1938.
Lenses, Photographic. Taylor, Taylor & Hobson, Limited. 358,500; July 19; Serial No. 389,274; published May 10, 1938.
Machines for developing diazo type prints, and parts thereof. Ozalid Corporation. 358,594; July 19; Serial No. 402,949; published May 10, 1938.
Photocopying apparatus, supplies therefor, and parts thereof. Hunter Electro-Copyist, Inc. 358,595; July 19; Serial No. 402,977; published May 10, 1938.
Photographic apparatus. Fink-Roselieve Co. Inc. 358,601–2; July 19; Serial Nos. 403,122–3; published May 10, 1938.
Shields for goggles, Protection. Willson Products, Inc. 358,676; July 19; Serial No. 404,148; published May 10, 1938.
Telescopes. L. Oppelman, Inc. 358,674; July 19; Serial No. 404,134; published May 10, 1938.

CLASS 27

Watches, clocks, chronometers, and dials therefor. R. L. Hunter. 358,679; July 19; Serial No. 404,173; published May 10, 1938.

CLASS 29

Cloths, Wiping. Letellier-Philips Paper Company. 358,695; July 19; Serial No. 404,569; published May 10, 1938.

CLASS 32

Chair construction, Spring seat. Murphy Chair Company. 358,687; July 19; Serial No. 404,257; published May 10, 1938.
Chairs. C. F. Streit. 358,691; July 19; Serial No. 404,421; published May 10, 1938.
Chairs, Lawn. Goshen Manufacturing Company. 358,690; July 19; Serial No. 404,407; published May 10, 1938.
Furniture and equipment, Metal. R. H. Brown. 358,698; July 19.
Mattresses, box springs, sofas, etc. Simmons Company. 358,686; July 19; Serial No. 404,233; published May 10, 1938.
Shades, Window. Clopay Corporation. 358,599; July 19; Serial No. 403,034; published May 10, 1938.
Tables, chairs, buffets, etc. Bloomingdale Bros., Inc. 358,708; July 19.

CLASS 34

Burners, Gas burners and oil. A. G. Blanchard. 358,574; July 19; Serial No. 402,466; published May 10, 1938.

CLASS 35

Hose, rubber belting, and asbestos packing, Rubber. Dominion Asbestos and Rubber Corporation. 122,072; renewed June 25, 1938.
Piston rings. Koppers Company. 358,534; July 19; Serial No. 399,093; published Feb. 15, 1938.
Piston rings. Koppers Company. 358,728; July 19.

CLASS 37

Envelopes, envelope windows, stencils, etc. Celluloid Corporation. 358,000; July 19; Serial No. 404,468; published May 10, 1938.
Forms and loose leaf binders, Blank. Commercial Ledger Service. 358,694; July 19; Serial No. 404,516; published May 10, 1938.
Pads, Desk, writing, and memorandum. Columbian Art Works, Inc. 358,547; July 19; Serial No. 400,633; published May 10, 1938.
Paper, Kraft. Albemarle Paper Mfg. Company. 358,538; July 19; Serial No. 399,818; published May 10, 1938.
Tracing cloth. B. K. Elliott Company. 358,689; July 19; Serial No. 404,402; published May 10, 1938.

CLASS 38

Drawings, Series of comic. M. C. Blosser. 123,786; renewed Dec. 10, 1938.
House organ. Stephens-Adamson Mfg. Co. 123,289; renewed Oct. 22, 1938.
Magazine. Wright Aeronautical Corporation. 358,496; July 19; Serial No. 384,105; published Feb. 22, 1938.

CLASS 39

Apparel, Wearing. E. H. Horwood & Co. 122,024; renewed June 18, 1938.
Aprons. Sears, Roebuck and Co. 122,621; renewed Aug. 27, 1938.
Coats and suits. Wellesley Modes Inc. 358,546; July 19; Serial No. 400,622; published May 10, 1938.
Coats, suits, skirts, etc. Bauman & Stoll. 358,647; July 19; Serial No. 403,852; published May 3, 1938.
Dresses, playsuits, slacks, etc. Borgenicht Bros., Inc. 358,569; July 19; Serial No. 402,326; published May 10, 1938.
Hosiery. A. S. Beck Shoe Corporation. 358,670; July 19; Serial No. 404,108; published May 10, 1938.
Hosiery. Marshall Field & Company. 358,706; July 19.
Mackinaws. Lakeland Manufacturing Company. 358,514; July 19; Serial No. 393,539; published Aug. 17, 1937.
Outerwear and beachwear, Knitted. Jayknit Company. 358,548; July 19; Serial No. 400,671; published May 10, 1938.
Pads, Shoulder. Freydberg Bros., Inc. 358,678; July 19; Serial No. 404,172; published May 10, 1938.
Playsuits, Children's. Sackman Brothers Company. 358,501; July 19; Serial No. 389,477; published May 10, 1938.

Shirts, Men's outer. Gerson Goodman Tutelman Company. 358,714; July 19.
Slips. Triangle Underwear Corporation. 358,646; July 19; Serial No. 403,838; published May 10, 1938.
Suits and overcoats, L. Goldman. 358,552; July 19; Serial No. 401,167; published Apr. 26, 1938.
Suits, Bathing. Loomtogs, Inc. 358,578; July 19; Serial No. 402,639; published May 10, 1938.
Suits for women, Sun tan. Pacific Knitting Mills, Inc. 358,653; July 19; Serial No. 403,920; published May 10, 1938.

CLASS 41

Umbrellas. Lynn Umbrella Mfg. Co. 358,623; July 19; Serial No. 403,416; published Apr. 26, 1938.

CLASS 42

Carpets and rugs. Firth Carpet Company. 358,636; July 19; Serial No. 403,682; published May 10, 1938.
Cotton piece goods. Avondale Mills. 358,638; July 19; Serial No. 403,713; published May 10, 1938.
Fabrics, Mohair and cotton pile. Sidney Blumenthal & Co. Inc. 358,699; July 19.
Fabrics, Textile. United States Finishing Company. 358,702; July 19.
Piece goods. Weiss-Friedman Co. Inc. 358,641; July 19; Serial No. 403,745; published May 10, 1938.
Sheets, pillow cases, towels, etc. May Department Stores Co. 358,709; July 19.
Towels, Kitchen. Sherwin Bros. 358,727; July 19.

CLASS 43

Thread and yarn. New Process Rayon, Inc. 358,588; July 19; Serial No. 402,740; published May 3, 1938.

CLASS 44

Electrotherapeutic apparatus. Peerless Laboratories, Inc. 358,660; July 19; Serial No. 404,015; published May 10, 1938.
Pessary applicators. R. A. Bachman. 358,553; July 19; Serial No. 401,175; published May 10, 1938.

CLASS 45

Beverages and syrups, extracts and flavors used in making the same. E. Mascolo. 358,726; July 19.
Juices for beverage purposes, Canned citrus. Mutual Citrus Products Co. 358,596; July 19; Serial No. 403,015; published May 10, 1938.

CLASS 46

Butter. Frank Pulley & Sons, Inc. 358,550; July 19; Serial No. 400,876; published May 10, 1938.
Candy. Ben Myerson, Inc. 358,525; July 19; Serial No. 397,222; published May 10, 1938.
Canned citrus juices. Mutual Citrus Products Co. 358,589; July 19; Serial No. 402,785; published May 3, 1938.
Canned prune juice. Famo Products Co. 358,609; July 19; Serial No. 403,201; published May 10, 1938.
Canned vegetables. Minnesota Valley Canning Company. 358,657–8; July 19; Serial Nos. 403,952–3; published May 10, 1938.
Cereal breakfast food, Prepared. Cera-Lac Company. 358,608; July 19; Serial No. 403,195; published May 10, 1938.
Cheese. Gerber & Co. 358,513; July 19; Serial No. 393,273; published May 10, 1938.
Cheese. S. Holst-Knudsen. 358,560; July 19; Serial No. 401,864; published May 3, 1938.
Coffee. Witwer Grocer Company. 358,558; July 19; Serial No. 401,713; published May 10, 1938.
Coffee and canned vegetables. Keil Company. 358,551; July 19; Serial No. 401,062; published May 10, 1938.
Coffee, tea, salted peanuts, etc. Brundage Bros. Co. 123,545; renewed Nov. 19, 1938.
Crackers and biscuits. Half Moon Biscuit Co. 358,645; July 19; Serial No. 403,819; published May 10, 1938.
Feed, dressed poultry, butter, etc., Stock and poultry. Iowa Poultry Producers Marketing Association. 358,508; July 19; Serial No. 392,757; published Feb. 22, 1938.
Flour. General Mills, Inc. 358,567; July 19; Serial No. 402,091; published May 3, 1938.
Flour, Wheat. L. Gross. 122,209; renewed July 9, 1938.
Flour, Wheat. W. P. Tanner-Gross and Company. 122,046; renewed June 18, 1938.
Food product. Borden Company. 358,561; July 19; Serial No. 401,885; published May 10, 1938.
Food products, Frozen. A. R. Fletcher. 358,705; July 19.
Foods. Schlorer Delicatessen Company. 118,335; renewed Aug. 28, 1937.
Fruits, Fresh citrus. Toland & Donald. 358,542; July 19; Serial No. 400,139; published Feb. 15, 1938.
Fruits, Fresh deciduous. Pacific Fruit & Produce Co. 358,535; July 19; Serial No. 399,674; published May 3, 1938.
Gelatin coating for cured meats, etc. Wilson & Co. 358,662; July 19; Serial No. 404,024; published May 10, 1938.
Gelatin dessert. Fine Foods, Inc. 358,618; July 19; Serial No. 403,309; published May 10, 1938.
Jellies, cheese, candies, etc. R. H. Macy & Co. 358,634; July 19; Serial No. 403,657; published May 10, 1938.
Marshmallow cream, and prepared cocoa. Durkee-Mower, Inc. 358,606; July 19; Serial No. 403,171; published May 10, 1938.
Milk, Evaporated. Wesco Foods Company. 358,669; July 19; Serial No. 404,099; published May 10, 1938.
Mustard, catsup, jellies, etc. Duprey-Faulmann Company. 117,843; renewed Aug. 7, 1937.
Onion powder and garlic powder. Economy Food Co. 358,526; July 19; Serial No. 397,648; published Jan. 11, 1938.
Peas and beans, Dried. Trinidad Bean and Elevator Company. 358,497; July 19; Serial No. 384,276; published Feb. 2, 1937.
Potatoes. Albert Miller & Co. 358,644; July 19; Serial No. 403,777; published May 10, 1938.
Poultry. Somerville Live Poultry Co. Inc. 358,615; July 19; Serial No. 403,282; published May 10, 1938.
Rice. C. E. Grosjean Rice Milling Co. 358,504; July 19; Serial No. 390,450; published Sept. 28, 1937.
Sauce, butterscotch syrup, etc., Chocolate fudge. Abbotts Dairies, Incorporated. 358,499; July 19; Serial No. 385,825; published May 10, 1938.
Sugar. Imperial Sugar Company. 123,601; renewed Nov. 19, 1938.
Syrup, Corn. American Maize-Products Company. 358,565; July 19; Serial No. 402,081; published May 10, 1938.

CLASS 47

Sherries, ports, champagne, etc. Julius Wile, Sons & Co. 358,537; July 19; Serial No. 399,694; published May 10, 1938.
Sherry. Alex D. Shaw & Co. 123,390; renewed Oct. 29, 1938.
Wines. G. Fava Fruit Company. 358,540; July 19; Serial No. 400,059; published Feb. 8, 1938.
Wines. Hearn Department Stores, Inc. 358,593; July 19; Serial No. 402,862; published May 10, 1938.

CLASS 48

Ale, beer, and porter. Hampden Brewing Company. 358,622; July 19; Serial No. 403,412; published May 10, 1938.
Beer. M. Keig. 358,517; July 19; Serial No. 394,666; published May 10, 1938.
Beer. Million Brewery, Inc. 358,725; July 19.

CLASS 49

Brandy-cognac. Juillard-Cockcroft Corporation. 358,633; July 19; Serial No. 403,592; published May 10, 1938.
Brandy, cognac, whiskey, etc. Julius Wile, Sons & Co. 358,536; July 19; Serial No. 399,693; published May 10, 1938.
Gin. Pacific Distillers, Inc. 358,711; July 19.
Whiskey. Woodford County Distillery Co. 358,502; July 19; Serial No. 389,584; published Apr. 13, 1937.
Whiskey, gin, rum, etc. J. H. Miller. 358,493; July 19; Serial No. 377,930; published June 9, 1936.

CLASS 50

Mats, electrotypes, etc., Printing. W. E. Cline. 358,580; July 19; Serial No. 402,676; published May 10, 1938.
Pyroxylin or otherwise coated paper or fabric. Atlas Powder Company. 358,667; July 19; Serial No. 404,073; published May 10, 1938.
Waterproofed fabrics. Jewel Sheen Waterproofing Corp. 358,630; July 19; Serial No. 403,725; published May 10, 1938.

LIST OF LABELS

Air Bilt. For Shoes. L. V. Marks & Sons Co. 51,536; July 19.
Alka Choc. For a Chocolate Coated Candy Bar. E. G. Perkins. 51,541; July 19.
Alka-Erba. For an Extract of Natural Herbs Combined with Alkaline and Flavoring Used as a Stomach Stimulant, Bowel Laxative, Kidney, Diuretic and Appetizer. Alka-Erba Company. 51,518; July 19.
All Butter. For Bread. C. C. Frantz. 51,529; July 19.
Appeal Brand. For Bread Wrappers. Golden Loaf Bakery. 51,531; July 19.
Baked Ham Sandwich Filling. For Baked Ham Sandwich Filling. O. K. Foods, Inc. 51,539; July 19.
Beech-Nut Cocktaillettes. For Biscuits. Beech-Nut Packing Company. 51,522; July 19.
Beech-Nut Mints. For Mints. Beech-Nut Packing Company. 51,520–1; July 19.
Bingo. For Insecticides. Bingo Insecticide Inc. 51,523; July 19.
Cheez-Wich. For Cheese and Crackers. Cheez-Wich Company. 51,525; July 19.

Chef-Saus. For a Sauce for Flavoring and Coloring Gravy. T. W. Finch. 51,528; July 19.
Chocolates—Small Pieces. For Chocolates. Daggett Chocolate Company. 51,527; July 19.
Cocoanut Bar. For Cocoanut Bars. F. B. Washburn Candy Corp. 51,550–1; July 19.
Exchange Fruit Pectin. For Prepared Fruit Pectin. California Fruit Growers Exchange. 51,524; July 19.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 51,526; July 19.
For Four Generations. For Kentucky Straight Bourbon Whiskey. T. W. Samuels Distillery, Inc. 51,543; July 19.
Gilbert Electric Vibrator. For Electric Vibrators. A. C. Gilbert Company. 51,530; July 19.
Imported Holland Klaver Beer. For Beer. N. V. Phoenix Brouwerij. 51,542; July 19.
Italian Style Spaghetti with Tomato Sauce and Cheese. For Spaghetti. American Stores Company. 51,519; July 19.
La Perfuma. For Washing Fluid. L. S. Scarsella. 51,544; July 19.
La Touraine. For Coffee. La Touraine Coffee Co. 51,534; July 19.
Manning's Coffee. For Coffee. Mannings, Inc. 51,535; July 19.
Menasha Doughnuts. For Doughnuts. Menasha Products Company. 51,538; July 19.
O-So-Ezy Lemon Oil Polish. For Lemon Oil Polish for Fine Furnitnre, Woodwork, Floors, etc., and also for Use on Oil Mops. O-Cedar Corp'n. 51,540; July 19.
Quick. For a Dry Cleaner. Standard Industrial Products, Inc. 51,547; July 19.
R A J Cold Pressed Wheat Germ Oil. For Cold Pressed Wheat Germ Oil. J. P. Jerome Company. 51,532; July 19.
Royal. For Baking Powder. Standard Brands Incorporated. 51,545–6; July 19.
Supercraft Lingerie. For Lingerie. Strauber Bros. 51,548; July 19.
Supercraft Undergarments. For Undergarments. Strauber Bros. 51,549; July 19.
Treasure Chest Coin Collection. For a Coin Collection. H. E. McIntosh. 51,537; July 19.
White Spot. For Cigars. R. A. Jones. 51,533; July 19.
Wrobbel's Sandwich Bread. For Bread. W. Wrobbel. 51,552; July 19.

LIST OF PRINTS

A New Freedom—Home Baked Cookies in One-Half the Time. For a Prepared Mixture for making Cookies. Cream of Wheat Corporation. 16,941; July 19.
Aroma Flavor Strength—Hills Bros. Blue Can Brand Coffee—Adform 189. For Coffee. Hills Bros. 16,945; July 19.
Home Baked Cookies 'Gee Mom, I Love 'Em !'. For a Prepared Mixture for making Cookies. Cream of Wheat Corporation. 16,943; July 19.
It's Cooler Inside—Serve Ice Cold—Adform 193. For Coffee. Hills Bros. 16,946; July 19.
Nor'Way Reliable Service Anti-Freeze. For an Anti-Freeze Composition. Commercial Solvents Corporation. 16,940; July 19.
The LCN Miracle Streamlined Door Closer. For Door Closing and Checking Devices. Norton Lasier Company. 16,947; July 19.
The 10 Key Underwood Sundstrand. For Portable Posting Machines. Underwood Elliott Fisher Company. 16,948; July 19.
What Swell Cookies! They're Home Baked. For a Prepared Mixture for making Cookies. Cream of Wheat Corporation. 16,942; July 19.
You Aren't My Real Mother. For Cereal Food. General Mills, Inc. 16,944; July 19.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 19TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Carboloy Company. (See Dean, Reginald S., assignor.)
Dean, Reginald S., Washington, D. C., assignor, by mesne assignments, to Carboloy Company, Inc. Ferrous alloy. Re. 20,800; July 19.
Dolza, John. (See Gove, W. D., and Dolza.)
General Motors Corporation. (See Gove, W. D., and Dolza, assignors.)
Gold, Nathan, Portland, Oreg. Necktie. Re. 20,806; July 19.
Gove, Winfield D., East Hartford, Conn., and J. Dolza, Flint, assignors to General Motors Corporation, Detroit, Mich. Torque loading lash adjusting device for friction roller transmissions. Re. 20,801; July 19.
Kilner, Arthur H., St. John's Wood, London, England. Apparatus for the production and manufacture of material impregnated with cellulose regenerated from viscose or other cellulosic solutions. Re. 20,802; July 19.
McCauley, Ernest G., Dayton, Ohio. Pneumatic brake. Re. 20,803; July 19.
Sherman, John Q., Dayton, Ohio. Air cooling apparatus. Re. 20,804; July 19.
Siemens, Incorporated. (See Souczek, Ferdinand, assignor.)
Souczek, Ferdinand, Brusau, Czechoslovakia, assignor, by mesne assignments, to Siemens, Incorporated, New York, N. Y. Device for grinding and sharpening razor blades. Re. 20,805; July 19.

LIST OF DESIGN PATENTEES

Abbey Photo Corporation. (See Hartman, Leon, assignor.)
Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,532; July 19.
Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,533; July 19.
Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,534; July 19.
Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,535; July 19.
Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, Ill., assignors to Agnini & Singer. Brooch or the like. 110,557; July 19.
Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, Ill., assignors to Agnini & Singer. Brooch or the like. 110,558; July 19.
Agnini & Singer. (See Agnini, O. J., and Granville, assignors.)
Ankles, Jack, New York, N. Y. Textile fabric. 110,592; July 19.
Ankles, Jack, New York, N. Y. Textile fabric. 110,593; July 19.
Arden, Elizabeth, Inc. (See Lewis, Florence N., assignor.)
Bentler, Harold, Los Angeles, Calif. Wrist watch case. 110,578; July 19.
Bernhardt, Rudolph, Chicago, Ill. Container closure. 110,559; July 19.
Blackinton, R., & Co. (See Joslin, Charles A., assignor.)
Bonnetti Freres. (See Emerit, Jean, assignor.)
Budiong, Robert D., Chicago, Ill., assignor to United Autographic Register Co. Autographic register. 110,536; July 19.
Bunting Glider Company. (See Goldberg, Aaron S., assignor.)
Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Food mixer or similar article. 110,579; July 19.
Charles, Harry, assignor to Norwich Knitting Company, Norwich, N. Y. Sweat shirt. 110,580; July 19.
Ciccone, Elizabeth M., New York, N. Y. Dress ensemble. 110,594; July 19.
Clark, Warren F., Warren, Pa. Table for ray treatments. 110,537; July 19.
Clemente, Andrew, Hoboken, N. J. Textile fabric or similar article. 110,595; July 19.
Donadieu, Jean G., New York, N. Y. Textile fabric. 110,607; July 19.
Donchian, Paul S., Hartford, Conn. Plate or similar article. 110,538; July 19.
Emerit, Jean, Paris, assignor to firm Bonnetti Freres, Seine, France. Jar. 110,566; July 19.
Ferguson, Alan C., assignor to Parker Wire Goods Company, Worcester, Mass. Saw handle. 110,567; July 19.
Fingerhut, Abraham, Woodmere, N. Y. Fan or similar article. 110,539; July 19.
Fischer, Elsie, New York, N. Y. Dress. 110,596; July 19.
Garfinkel, Louis, assignor to T. & R. Jewelry Company, Providence, R. I. Bracelet chain. 110,568; July 19.
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 110,560; July 19.
Goughnour, Gretchen, York, assignor to L. P. Weil, Philadelphia, Pa. Combined cigarette receptacle, match holder, and ashtray. 110,565; July 19.
Grant, George A., and W. F. Le Moine, Oakland, Calif. Child's play raft. 110,540; July 19.
Granville, Mary C. (See Agnini, O. J., and Granville.)
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 110,581; July 19.
Hallenscheid, Gustave A., Los Angeles, Calif. Combined tooth brush and tumbler holder. 110,562; July 19.
Hartman, Leon, assignor to Abbey Photo Corporation, New York, N. Y. Range finder bracket. 110,582; July 19.
Hazel-Atlas Glass Company, The. (See Spence, James E., assignor.)
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 110,561; July 19.
Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,541; July 19.
Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,542; July 19.
Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,543; July 19.
Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,544; July 19.
Hickerson, William J., Philadelphia, Pa. Chair. 110,545; July 19.
Hickerson, William J., Philadelphia, Pa. Chair. 110,546; July 19.
Hickerson, William J., Philadelphia, Pa. Chair. 110,547; July 19.
Huber, Charlotte, New York, N. Y. Thread dispenser. 110,583; July 19.
Hurwitz, Nathan, Cleveland, Ohio. Porch glider or similar article. 110,563; July 19.
Hurwitz, Nathan, Cleveland, Ohio. Porch glider or similar article. 110,564; July 19.
International Silver Company. (See Helander, Lillian V. M., assignor.)
International Silver Company. (See Kintz, Alfred G., assignor.)
Jerome, Hilda, assignor to Rosenau Bros., Inc., Philadelphia, Pa. Dress. 110,584; July 19.
Jocell, Esther, New York, N. Y. Dress. 110,597; July 19.
Jocell, Esther, New York, N. Y. Dress. 110,598; July 19.
Joslin, Charles A., assignor to R. Blackinton & Co., North Attleboro, Mass. Spoon. 110,569; July 19.
Kawaller, Celia, New York, N. Y. Dress. 110,585; July 19.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 110,548; July 19.
Knapp-Monarch Company. (See Chapman, David, assignor.)
Laird, Lou D., Columbus, Ohio. Dental plate brush or similar article. 110,570; July 19.
Le Moine, Wells F. (See Grant, G. A., and Le Moine.)
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Shaving bowl. 110,586; July 19.
Lincoln Engineering Company. (See McCoy, Ross K., assignor.)
Maling, Roy, West Roxbury, Mass. Shoe. 110,599; July 19.
Maling, Roy, West Roxbury, Mass. Shoe. 110,600; July 19.
McCoy, Ross K., Oakland, Calif., assignor to Lincoln Engineering Company, St. Louis, Mo. Grease cabinet. 110,571; July 19.
Mergott, J. E., Company, The. (See Green, Jack, assignor.)

Michelson, Margaret, New York, N. Y. Dress ensemble. 110,601; July 19.
Myers, Charles D., Oklahoma City, Okla. Fishing float. 110,587; July 19.
Nightingale, Harry C., Paterson, N. J. Barometer. 110,549; July 19.
Norwich Knitting Company. (See Charles, Harry, assignor.)
Parker Wire Goods Company. (See Ferguson, Alan C., assignor.)
Pichel, Irving, New York, N. Y. Handbag. 110,602; July 19.
Pichel, Irving, New York, N. Y. Handbag. 110,603; July 19.
Posture Research Corporation. (See Wood, Glenn D., assignor.)
Prestyly, Sol, Brooklyn, N. Y. Coat. 110,588; July 19.
Prestyly, Sol, Brooklyn, N. Y. Coat. 110,589; July 19.
Rogers, Sam T., Washington, D. C. Airship. 110,572; July 19.
Rogers, Sam T., Washington, D. C. Airship. 110,573; July 19.
Rogers, Sam T., Washington, D. C. Airship. 110,574; July 19.
Rosenau Bros., Inc. (See Jerome, Hilda, assignor.)
Sandhaus, Abraham E., Kansas City, Mo. Vending machine. 110,550; July 19.
Sheindelman, Samuel, New York, N. Y. Sweater ensemble. 110,575; July 19.
Sheindelman, Samuel, New York, N. Y. Sweater ensemble. 110,576; July 19.
Smith, Stephania M., St. Louis, Mo. Combined flowerpot, wreath, and flag holder. 110,551; July 19.
Smith, Stephania M., St. Louis, Mo. Combined flowerpot, wreath, and flag holder. 110,552; July 19.
Spence, James E., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 110,553; July 19.
Sperry, Herbert O., Drexel Hill, Pa. Illuminated advertising display device. 110,590; July 19.
Stetson Shoe Company, The. (See Wales, Burton L., assignor.)
Strauss, Joseph B., San Francisco, Calif. Amusement tower. 110,577; July 19.
Stricker, Ethel E., New York, N. Y. Negligee. 110,604; July 19.
T. & R. Jewelry Company. (See Garfinkel, Louis, assignor.)
United Autographic Register Co. (See Budlong, Robert D., assignor.)
Wagner, Mildred, New York, N. Y. Dress. 110,605; July 19.
Wagner, Mildred, New York, N. Y. Dress. 110,606; July 19.
Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 110,554; July 19.
Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 110,555; July 19.
Watson, Frederick W., Brooklyn, N. Y. Shoe polishing device or similar article. 110,591; July 19.
Weil, Lewis P. (See Goughnour, Gretchen, assignor.)
Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair or similar article. 110,556; July 19.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 19TH DAY OF JULY, 1938

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Adams, Carroll E. (See Wells, Frank O., assignor.)
Adams, William J., Jr., Santa Cruz, Calif. Combination fixed blade and tilting bowl scraper. 2,124,408; July 19.
Agfa Ansco Corporation. (See Goldhammer, Leo, assignor.)
Agfa Ansco Corporation. (See Weyde, Edith, assignor.)
Akers, James L., Anneslie, Md. Paint funnel-scraper. 2,124,021; July 19.
Alberts, Arthur J., Chicago, Ill. Heading method. 2,124,022; July 19.
Albright, James E., Collingswood, and W. L. Carlson, Haddonfield, N. J., assignors to Radio Corporation of America. Tuning indicator and dial. 2,124,023; July 19.
Alkin, Thomas T., Sydney, New South Wales, Australia. Power chisel apparatus. 2,124,024; July 19.
Allegemeine Elektricitatz Gesellschaft. (See Neesen, Carl, assignor.)
Allen, Earl M., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,124,046; July 19.
Allen, Paul A., Cortland, and M. Womeldorff, Homer, assignors to Cortland Line Company, Inc., Cortland, N. Y. Holder for fishline coils and the like. 2,124,512; July 19.
Allin, George S., and F. V. Bistrom, Seattle, Wash. Tandem wheel truck. 2,124,047; July 19.
Allis-Chalmers Manufacturing Company. (See Charley, Walter G., assignor.)
Allis-Chalmers Manufacturing Company. (See Nichols, Beverly R., assignor.)
Allis, Robert T., Springfield, assignor to The Standard Corset Company, Holyoke, Mass. Garment. 2,123,919; July 19.
Allison, Leslie R., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,123,922; July 19.
Almarc, Inc. (See Hodgkins, Albert A., assignor.)
Alsted, Edward P., Truesdale, Wis. Joist. 2,123,923; July 19.
Aluminum Company of America. (See Fischer, Edward F., assignor.)
Aluminum Company of America. (See Welty, George D., assignor.)
Aluminum Plant and Vessell Company Limited, The. (See Ralph, Sydney J., assignor.)
Alvey-Ferguson Company, The. (See Sparling, W. E., and Wilson, assignors.)
Alvord, Clinton, Worcester, Mass. Tuft weaving loom. 2,123,983; July 19.
American Brake Shoe and Foundry Company, The. (See Eastburn, Samuel L., assignor.)
American Car and Foundry Company. (See Willoughby, Victor, assignor.)
American Lady Corset Company. (See Siegel, Eugene, assignor.)
American Machine & Foundry Company. (See Crighton, John, assignor.)
American Machine & Foundry Company. (See Gwinn, G. W., and Leary, assignors.)
American Machine & Foundry Company. (See Shackleton, Jack, assignor.)
American Magnesium Metals Corporation. (See Erdmann, Konrad, assignor.)
American Radio Hardware Co. Inc. (See Mitchell, D., and Wyeth, assignors.)
American Sales Book Company. (See Hagemann, Louis F., assignor.)
American Steel and Wire Company of New Jersey, The. (See Marquart, Frank, assignor.)
American Stove Company. (See Moecker, Arnold, assignor.)
American Telephone and Telegraph Company. (See Bailey, Austin, assignor.)
Ames, Adelbert, Jr., and G. H. Gliddon, assignors to Trustees of Dartmouth College, Hanover, N. H. Testing eyes. 2,124,457; July 19.
Anderson, Curtis A., Muscatine, Iowa. Combination ash receiver and cigarette holder. 2,124,481; July 19.
Anderson, Frederick H., Schenectady, N. Y., assignor to General Electric Company. Vacuum pump apparatus. 2,124,390; July 19.
Anderson, John C. (See Piersen, E. H., and Anderson.)
Anderson, Lloyd, assignor to National Lock Co., Rockford, Ill. Latch and handle mechanism. 2,123,866; July 19.
Anderson, William C., Bromley, and E. T. Carlson, South Fort Mitchell, Ky., assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar conduit distribution system. 2,124,269; July 19.
Andersson, Sven W. E., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,123,920; July 19.
Andersson, Sven W. E., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,123,921; July 19.
Andrews, Oliver B., Chattanooga, Tenn. Container. 2,124,409; July 19.
Animated Slides Limited. (See Tournay-Hinde, Arthur W., assignor.)
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Arb, Irvin L., Adrian, Tex. Pouring spout. 2,124,241; July 19.
Aro Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
Artzt, Maurice, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Direct-current amplifier. 2,123,924; July 19.
Arveyware Corporation. (See Blum, Jerome J., assignor.)
Ashley, Frank M., Great Kills, assignor to Lewis Gompers, trustee, New York, N. Y. Fountain pen. 2,124,280; July 19.
Associated Electric Laboratories, Inc. (See Calhoun, Free, assignor.)
Attl, Raphael, Union City, N. J., assignor to Francis H. Richards, Inc., New York, N. Y. Printing apparatus. 2,124,179; July 19.
Audubon Wire Cloth Corporation. (See Guba, Raymond A., assignor.)
Ault, Vivian S., Los Angeles, Calif. Face protector for hot air hair driers. 2,124,131; July 19.
Austin, Ellsworth W., assignor to La Plant Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Snow moving device. 2,123,925; July 19.
Autokraft Box Corporation. (See Myers, Chester G., assignor.)
Babcock & Wilcox Company, The. (See Stillman, Thomas B., assignor.)
Bacon, Ross M. (See Groene, W. F., and Bacon.)
Bacon, Ross M. (See Groene, W. F., Bacon, and Siekmann.)
Baer, Lawrence E., Attleboro, Mass., assignor to Swank Products, Inc. Suspenders. 2,123,984; July 19.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard for vehicle wheel fenders. 2,124,513; July 19.
Bahr Starting Gate Corporation. (See Weishaupt, Ernest F., assignor.)
Bailey, Austin, Freehold, N. J., assignor to American Telephone and Telegraph Company. Crystal oscillator receiving system. 2,123,874; July 19.
Bailey, Vivian P., Philadelphia, Pa. Pedal extension. 2,124,100; July 19.
Bakelite Corporation. (See Courtney, Robert P., assignor.)
Bakelite Corporation. (See Weiss, J. M., and Downs, assignors.)
Ball, Albert L. (See Benner, R. C., and Ball.)
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Ballou, B. A., & Co. (See Ballou, Frederick A., Jr., assignor.)
Ballou, Frederick A., Jr., Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,123,985; July 19.
Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Upholstery construction. 2,124,048; July 19.
Bank, Sylvia. (See Bank, Albert M., assignor.)
Baran, Milan L., South Orange, N. J. Ventilated shoe. 2,124,391; July 19.
Barbieri, Cesare. (See McKee, Ralph H., assignor.)
Basford, G. M., Company. (See Warwick, Harold L., assignor.)
Bausch & Lomb Optical Company. (See Rayton, Wilbur B., assignor.)
Batchelder, Clifton T., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Perforating machine. 2,123,875; July 19.
Batchelor, John C., New York, N. Y. Electronic tube. 2,124,224; July 19.
Batchelor, John C., New York, N. Y. Luminescent screen. 2,124,225; July 19.
Bate, John, and M. Melhuish, assignors to The Glacier Metal Company Limited, Alperton, England. Manufacture of bearings. 2,124,132; July 19.
Bates, Mark C. (See Faverty, Clyde B., assignor.)
Bates, Mark C. (See French, Charles A., assignor.)
Battista, Joseph J., and J. J. Di Meglio, South Norwalk, Conn. Plant support. 2,124,049; July 19.

Bausch & Lomb Optical Company. (See Burroughs, Kenneth C., assignor.)
Bausch & Lomb Optical Company. (See Cook, A. A., and Trautmann, assignors.)
Bausch & Lomb Optical Company. (See Ellestad, G. A., and Jobe, assignors.)
Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)
Baxter, Ellsworth. (See Lohr, R., and Baxter.)
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching and flap-laying machine. 2,123,926; July 19.
Becker, Samuel J. (See Shapiro, Henry, assignor.)
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Speed control for phonographs. 2,124,281; July 19.
Behnke, Everett E. H., assignor to The E. and B., Manitowoc, Wis. Loose leaf book binders. 2,124,282; July 19.
Behr, Gustave E., assignor to National Lead Company, New York, N. Y. Metal recovery process. 2,124,180; July 19.
Beik, Frederick A., Long Beach, Calif., assignor to Pacific Coast Borax Company. Fusing borates. 2,124,101; July 19.
Belanger, John, Los Angeles, Calif. Top fastener for casement windows. 2,124,226; July 19.
Belcher, Clarence F. (See Lulek, R. N., and Belcher.)
Bell, Alfred B., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Cam-type reversible car-seat base. 2,123,927; July 19.
Bell, Howard H., Schenectady, N. Y., assignor to General Electric Company. Traffic-signaling system. 2,124,392; July 19.
Bell, William L., assignor to G. H. Chick, Oakland, Calif. Orthopedic appliance. 2,124,102; July 19.
Bellem, Louis H. L., Asnieres, France. Injection device for internal combustion engines. 2,124,133; July 19.
Bellman, Norman S., London, England. Portable building. 2,124,242; July 19.
Benner, Raymond C., Niagara Falls, and A. L. Ball, Lewiston, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refiner. 2,124,393; July 19.
Berlim Fruit Box Company, The. (See Van Benschoten, Lucius D., assignor.)
Berry, Eugene G., and C. L. Reimuller, assignors to B. F. Gump Co., Chicago, Ill. Supporting means for gyratory sifters. 2,123,876; July 19.
Bertrand, Wallace A., Parkersburg, W. Va. Master cylinder for hydraulic braking systems. 2,124,363; July 19.
Bevard, Lawrence H., St. Louis, Mo. Electrode holder. 2,124,283; July 19.
Bilinski, Michael, Ottawa, Ontario, Canada. Trap. 2,124,227; July 19.
Bistrom, Frank V. (See Allin, G. S., and Bistrom.)
Blackburn, George, and Sons Limited. (See Start, Harry W. and E., assignors.)
Blair, Robert S., New York, N. Y. Humidifying apparatus and method. 2,124,482; July 19.
Blanchard, Alva G. (See Mulloy, Ollie L., assignor.)
Blanchard, Alva G. (See Whaley, William E., assignor.)
Blum, Jerome J., assignor to Arveyware Corporation, Olean, N. Y. Method of and apparatus for felting fibrous articles. 2,124,103; July 19.
Boam, Lacey H., assignor of one-sixth to W. R. Cash, Akron, Ohio. Puzzle. 2,124,341; July 19.
Bockmühl, Max, E. Dörzbach, and W. Persch, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable colloidal dispersion of metals. 2,124,331; July 19.
Boeing Aircraft Company. (See Duff, E. E., and Wood, assignors.)
Boettcher, Magnus, Milwaukee, Wis. Air inlet device for internal combustion engines. 2,124,228; July 19.
Bole, Hans, Barby, Germany, assignor to International Patents Development Company, Wilmington, Del. Separation of starch from gluten. 2,124,284; July 19.
Bommer, Max. (See Koch, J., and Bommer.)
Booth, Margaret, New York, N. Y. Typewriter erasing attachment. 2,123,877; July 19.
Borgerd, William F., Riverside, F. I. McCune and C. A. Uherek, Chicago, Ill., assignors to International Harvester Company. Gas pump. 2,124,181; July 19.
Boumans, Paul, Arlington, N. J., and W. Brinck, New York, N. Y. Garment checking apparatus. 2,124,444; July 19.
Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized parasiticidal composition. 2,123,928; July 19.
Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photochemically stabilized thio-diarylamine parasiticidal composition. 2,123,929; July 19.
Brach, Leon S., East Orange, N. J. Over-voltage protective device. 2,124,364; July 19.
Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Bale tie package. 2,124,503; July 19.
Brady, Frank W., assignor to Wesco Machinery Manufacturing Co., San Francisco, Calif. Icing containers. 2,123,878; July 19.
Bragg-Kliesrath Corporation. (See Pike, Henry L., assignor.)
Brase, George, North Fork, Calif. Device for opening garage doors. 2,124,342; July 19.
Braun, Edmund R., Elmwood Park, Ill. Card holder. 2,124,025; July 19.
Braun, Karl J., Ridgewood, assignor to Remington Rand Inc., Buffalo, N. Y. Multicontact plug. 2,124,182; July 19.
Bridgeport Metal Goods Manufacturing Company. (See Houlihau, Rudolph N., assignor.)
Bridgeport Thermostat Company. (See Ward, Marshall H., assignor.)
Brinck, Werner. (See Boumans, P., and Brinck.)
Broadway, Leonard F., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, England. Cathode ray tube. 2,124,270; July 19.
Brodersen, Karl, and M. Quaedvlieg, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Matting of artificial silk. 2,123,986; July 19.
Brodersen, Karl, and M. Quaedvlieg, Dessau in Anhalt, A. Schneider, Leverkusen-Wiesdorf, and H. Gensel, Leverkusen I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing matting effects on artificial silk. 2,123,987; July 19.
Brooks, Henry M. et al., trustee. (See Schweickart, William M., assignor.)
Brorsen, Willard A., Oakland, Calif., assignor to Photostat Corporation, Rochester, N. Y. Photographic exposure controlling apparatus. 2,124,134; July 19.
Brown, Andrew, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Wheel actuated treadle for railway signaling systems. 2,124,340; July 19.
Brown, C. C. (See Gray, Ellsworth, assignor.)
Brown, Cicero C., Houston, Tex. Back off setting device. 2,123,930; July 19.
Brown, Eugene T., Seattle, Wash. Fireplace screen and draft control. 2,124,135; July 19.
Brown, Jesse B., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich. Vacuum brake structure. 2,124,454; July 19.
Brown, Morris, Detroit, Mich. Carburetor choke control mechanism. 2,124,504; July 19.
Browne, Cecil O., West Acton, London, and J. Hardwick, West Drayton, assignors to Electric and Musical Industries Limited, Middlesex, England. Picture and sound transmission. 2,124,394; July 19.
Browne, Lindsay H., Pittsford, N. Y., assignor to Kellogg Compressor and Manufacturing Corporation. Bearing seal. 2,124,183; July 19.
Brown & Sharpe Manufacturing Company. (See Parker, John W., assignor.)
Bruner, Donald L., Coral Gables, Fla. Retractable landing light. 2,124,050; July 19.
Buchanan, James R., and T. W. Watts, Manchester, England. Watering-can roses. 2,124,184; July 19.
Bucherer, Hans T., Munich, Germany. Preparing mixed esters from phenolaldehyde resins. 2,124,285; July 19.
Buckler, Charles H., Camden, N. J. Dancing footwear and a tap for dancing footwear. 2,124,458; July 19.
Burgess, Charles O., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat treating metals. 2,124,459; July 19.
Bucyrus-Erie Company. (See Lehman, Werner, assignor.)
Bugg, Loyal L., Farmington, Mo. Game. 2,124,136; July 19.
Bulldog Electric Products Company. (See Frank, W. H., and Messing, assignors.)
Bunker, Herbert H., Jersey City, N. J. Load supporting structure. 2,123,931; July 19.
Burckhardt, Max, assignor to The Firm Carl Zeiss, Jena, Germany. Polarization device for cameras having a linearly polarizing foil. 2,124,286; July 19.
Burgess, C. F., Laboratories, Inc. (See Slidell, Kemper, assignor.)
Burks, Arthur W., Decatur, Ill. Operating mechanism for deep well pumps. 2,124,026; July 19.
Burroughs, Kenneth C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for grading emery. 2,124,343; July 19.
Buttschau, Esther M., Vero Beach, assignor of one-fourth to S. K. Rowe, White City, Fla. Lady's handbag holder. 2,124,483; July 19.
C.-S. Engineering Company. (See Schellens, Christopher A., assignor.)
Calhoun, Free, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,124,027; July 19.
Calling, John, Chicago, Ill., assignor to International Harvester Company. Pump. 2,124,185; July 19.
Cameron, Donald G. (See Truesdell, F. W., Cameron, and Whyte.)
Cantrell, Lorraine V., Berkeley, Calif. Draftsman's rule. 2,124,051; July 19.
Carborundum Company, The. (See Benner, R. C., and Ball, assignors.)
Carey-McFall Co. (See Reukauf, Edward, Jr., assignor.)
Carlson, Elmer T. (See Anderson, W. C., and Carlson.)
Carlson, Wendell L. (See Albright, J. E., and Carlson.)
Carrington, Frank G., Anniston, Ala. Metallurgical process. 2,124,445; July 19.
Carriveau, Lawrence J., Milwaukee, Wis. Activated display device. 2,123,932; July 19.

Carroll, Manly E., assignor to The Universal Generators Corporation, Inc., Miami, Fla. Internal Combustion engine. 2,124,365; July 19.
Carter, Anderson. (See Carter, Areyon and A.)
Carter, Areyon C. and A., Clinton, N. C. Violin. 2,124,243; July 19.
Cary, John E. and V., Opelousas, La. Washing and drying machine. 2,124,460; July 19.
Carle, Valerie. (See Cary, John E. and V.)
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Cash, William R. (See Boam, Lacey H., assignor.)
Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Power plant. 2,124,395; July 19.
Celanese Corporation of America. (See Dickie, W. A., and Sowter, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Taylor.)
Celanese Corporation of America. (See Howorth, Harmon, assignor.)
Cellovis, Inc. (See Pascoe, T. A., and Hella, assignors.)
Challet, Etienne, Paris, France, assignor of one-fourth to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Flexible resilient electric current socket. 2,124,461; July 19.
Chandler & Price Company, The. (See Jirousek, Joseph F., assignor.)
Charey, Walter G., Brighton, Victoria, Australia, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester-thresher. 2,123,879; July 19.
Charlton, Edgar A., assignor to International Paper Company, New York, N. Y. Process and apparatus for the manufacture of paper. 2,124,028; July 19.
Chatfield, Franklin, assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Knitting machine. 2,124,104; July 19.
Chemische Fanrik von Heyden A. G. (See Haack, E., and von Buddenbrock, assignors.)
Chernosky, Frank E., Corpus Christi, Tex. Scale trap. 2,124,244; July 19.
Chick, Gilbert H. (See Bell, William L., assignor.)
Childs, Kenneth L., New Haven, Conn. Frying apparatus. 2,124,186; July 19.
Christinn, Warren I., Denver, Colo. Air conditioning equipment. 2,124,137; July 19.
Christman, Ruth F., Topeka, Kans. Window lock for automobiles. 2,124,245; July 19.
Cincinnati Ball Crank Company, The. (See Woelfer, Frank C., Jr., assignor.)
Cincinnati Time Recorder Company, The. (See Weiss, Henry G., assignor.
Cincinnati Traction Building Company, The. (See Schoepf, T. H., and Ritchie, assignors.)
Clark Equipment Company. (See Spatta, George, assignor.)
Clary, Lloyd H. (See Doud, H. P., and Clary.)
Claviez, Jean, Paris, France. Purse. 2,124,287; July 19.
Cliffs Dow Chemical Company. (See Goos, Arthur W., assignor.)
Clough, John L., Cincinnati, Ohio. Method and apparatus for washing dishes. 2,124,052; July 19.
Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)
Contes, Ray G., Pasadena, Calif. Cream remover. 2,124,053; July 19.
Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Relay apparatus. 2,124,410; July 19.
Colth, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Compositions of matter. 2,123,880; July 19.
Colt's Patent Fire Arms Manufacturing Company. (See Moore, Frederick T., assignor.)
Compagnie des Produits Chimiques et Charbous Actifs Edouard Urbain. (See Post, Ferdinand C., assignor.)
Conklin, James W., Rocky Point, and C. W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America. Frequency control line and circuit. 2,124,029; July 19.
Conquest Alliance Co. (See Herzig, Leonard A., assignor.)
Continental Can Company. (See O'Neil, James H., assignor.)
Cook, Alan A., Rochester, and O. E. Trautmann, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Focusing camera. 2,124,161; July 19.
Copeland Refrigeration Corporation. (See Hall, Perry C., assignor.)
Corbman, Joseph and S., Philadelphia, Pa. Damper. 2,124,484; July 19.
Corbman, Samuel. (See Corbman, Joseph and S.)
Corley, Alex M., Salley, S. C. Apparatus for applying liquid poison to plants. 2,123,988; July 19.
Corson, Louis R., Los Angeles, Calif. Tag holder. 2,124,054; July 19.
Cortland Line Company. (See Allen, P. A., and Womeldorff, assignors.)
Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Motor construction. 2,123,933; July 19.
Courtney, Robert P., Maplewood, N. J., assignor to Bakelite Corporation, New York, N. Y. Abrasive article. 2,123,055; July 19.
Couzin & Attwood (Proprietary) Limited. (See Ebell, Otto M., assignor.)
Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Cigarette and like packing machine. 2,124,187; July 19.
Criley, William W., Cleveland, Ohio. Fluid operated clutch. 2,123,867; July 19.
Cummings, Charles R., Fernwood, Pa. Rocket engine. 2,124,462; July 19.
Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Sound insulation. 2,124,463; July 19.
Currier, Leslie A. (See Osgood, R. C., and Currier.)
Curtiss-Wright Corporation. (See Palmer, R. E., and MacNeil, assignors.)
Cushman, Wilhela, New York, N. Y. Garment pattern. 2,123,881; July 19.
Dale, Clarence R., Los Angeles, assignor to Dale Service Corporation, Culver City, Calif. Fluid dumping apparatus. 2,124,188; July 19.
Dale Service Corporation. (See Dale, Clarence R., assignor.)
Daniel, Walter. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
Dartmouth College, Trustees of. (See Ames, A., Jr., and Gliddon, assignors.)
Dauber, Charles G., Oshkosh, Wis. Thread cutting machine. 2,124,105; July 19.
Davidson, Harry L. (See Rosen, David, assignor.)
Day, William P., Cleveland, Ohio. Machine for laying concrete. 2,123,989; July 19.
Denrborn, Richard J., Summit, N. J., assignor to The Texas Company, New York, N. Y. Transporting hydrocarbon oils. 2,124,514; July 19.
Deere & Company. (See Strandlund, Carl G., assignor.)
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Warning device for liquid dispensing apparatus. 2,124,486; July 19.
De Lanty, Loren J., Spring Valley, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector mechanism. 2,124,411; July 19.
Delany, Albanus G., Alabama City, Ala., assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Bale tie bundle. 2,124,271; July 19.
De Lasarte, América F., Habana, Cuba. Clinical-chirurgical-robe. 2,124,366; July 19.
Dellenbach, Charles G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer or cable clamp. 2,124,485; July 19.
De Long Hook and Eye Company, The. (See Hand, John F., assignor.)
Delta Electric Company. (See Wiley, Lee M., assignor.)
DeRewal, Frank J., Camillus, assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Granulating fertilizers. 2,124,332; July 19.
Detwiler, James G., assignor to The Texas Company, New York, N. Y. Slushing oil. 2,124,446; July 19.
Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production and treatment of artificial filaments, yarns, films, and other materials containing cellulose derivatives. 2,123,934; July 19.
Di Meglio, James J. (See Battista, J. J., and Di Meglio.)
Dodd, Herbert, Broomhill, Glazebrook, near Manchester, England, assignor to Imperial Chemical Industries Limited. Fire-resistant composition. 2,124,288; July 19.
Dodge, Wesley, Oakland, Calif., assignor of one-half to Paterson Pacific Parchment Co. Refrigerating lettuce and the like. 2,124,412; July 19.
Dobeckmun Company, The. (See Prindle, Karl E., assignor.)
Dole, Harry L., Milford, Conn. Separable fastener. 2,123,935; July 19.
Dole Valve Company, The. (See Lauer, Raymond J., assignor.)
Dörzbach, Eugen. (See Bockmühl, M., Dörzbach, and Persch.)
Doud, Hobart P., and L. H. Clary, Decatur, Ill. Brake actuating and equalizing mechanism. 2,123,056; July 19.
Douden, William L., New York, N. Y., assignor to Radio Corporation of America. Stereophonographic apparatus and method. 2,124,030; July 19.
Dow, Jennings B., Alexanderia, Va. Constant frequency oscillator system. 2,124,189; July 19.
Downs, Charles R. (See Weiss, J. M., and Downs.)
Draeger, Rupert H., United States Navy. Reading attachment for microscopes. 2,123,882; July 19.
Dreyfus, Henry, London, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for the treatment of artificial filaments. 2,123,936; July 19.
Driscoll, Anthony F. (See Masbach, J. E., and Driscoll.)
Duff, Edmund E., near Seattle, and A. L. Wood, assignors to Boeing Aircraft Company, Seattle, Wash. Gill opening adjusting means. 2,124,333; July 19.
Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ellsworth, Deane C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lewis, H. A., and Wilson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lewis, H. A., and Woodbury, assignors.)

Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Belcher, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
Duryea, O. C., Corporation. (See Simonson, Sigvard, assignor.)
Duvall, William A., Cleveland, Ohio, and C. A. Van Derveer, Michigan City, Ind., assignors, by mesne assignments, to S. Karpen & Bros. Adjustable back chair. 2,124,367; July 19.
Dye, Glen M., Minneapolis, Minn. Apparatus for developing films. 2,124,108; July 19.
E. and B., The. (See Behnke, Everett E. H., assignor.)
Eason & Therolf Tool Company. (See Therolf, Harold L., assignor.)
Eastburn, Samuel L., Sloatsburg, assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Switch stand. 2,124,190; July 19.
Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubricant gun set. 2,124,138; July 19.
Eastman Kodak Company. (See Nagel, August, assignor.)
Ebell, Otto M., Maraisburg, assignor of one-half to Couzin & Attwood (Proprietary) Limited, Johannesburg, Transvaal Province, Union of South Africa. Rail truck. 2,124,246; July 19.
Eddison, Clifford, East Orange, and E. G. Widell, Bloomfield, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Carbonizing metals for radio tubes. 2,124,162; July 19.
Edelmann, E., & Co. (See Peterson, Peter, assignor.)
Eggert, John, Leipzig-Gohlis and G. Heymer, Wolfen Kreis, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for projecting lenticular film. 2,124,139; July 19.
Eisenhand, Edward O., Denver, Colo. Flashlight attachment for cameras. 2,124,368; July 19.
El Dorado Oil Works. (See Rees, William H., assignor.)
Electric & Musical Industries Limited. (See Broadway, Leonard F., assignor.)
Electric and Musical Industries Limited. (See Browne, C. O., and Hardwick, assignors.)
Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)
Ellestad, Gerhard A., and F. W. Jobe, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmoscope. 2,124,344; July 19.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Producing substituted acrylic acid esters. 2,124,272; July 19.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Floor tile and making same. 2,124,384; July 19.
Ellis-Foster Company. (See Ellis, Carleton, assignor.)
Ellsworth, Deane C., deceased, by J. F. Haskins, administrator, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,123,883; July 19.
Emanuel, Dewey J., Kearney, Nebr. Wrench. 2,124,163; July 19.
Engdahl, Klas J. H. (See Samuelson, F. G., Jonson, and Engdahl.)
Engelken, Richard C. (See Hamel, S., and Engelken.)
Engels, Bernhard, Waldenburg-Altwasser, Germany. Molding hollow bodies of glass. 2,123,937; July 19.
Entreprises Electriques Fribourgeoises. (See Challet, Etienne, assignor.)
Epiphone, Inc. (See Sunshine, Herbert S., assignor.)
Equitable Paper Bag Co. (See Poppe, George W., assignor.)
Erdmann, Konrad, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of metallic magnesium. 2,123,990; July 19.
Ericson, Richard, Chicago, Ill. Air conditioning. 2,124,289; July 19.
Everel Products Corporation. (See Everts, Walter W., assignor.)
Everts, Walter W., assignor to Everel Products Corporation, Baltimore, Md. Propeller. 2,124,369; July 19.
Ewing, Hugh W., Chicago, Ill. Garbage burner. 2,124,447; July 19.
Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Cooling apparatus for automotive vehicles. 2,123,991; July 19.
Fahlberg-List Aktiengesellschaft Chemische Fabriken. (See Memminger, Karl, assignor.)
Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Beam scanning dissector. 2,124,057; July 19.
Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)
Faverty, Clyde B., assignor to M. C. Bates, Chicago, Ill. Vaporizer starting system. 2,123,884; July 19.
Faverty, Clyde B., assignor to M. C. Bates, Chicago, Ill. Gas treatment. 2,123,885; July 19.
Federal Products Corporation. (See Street, Chauncey C., assignor.)
Fernsch Aktien-Gesellschaft. (See Schubert, Georg, assignor.)
Ferree, Clarence E. and G. R., Baltimore, Md. Central vision scotometer. 2,124,229; July 19.
Ferree, Gertrude R. (See Ferree, Clarence E. and G. R.)
Fey, Frank E., Portland, Oreg. Rail cross-over. 2,124,247; July 19.
Fischer, Edward F., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Heat treated aluminum base alloy. 2,123,886; July 19.
Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Knitted pile fabric. 2,124,361; July 19.
Fleisher, Walter L., New City, N. Y. Air conditioning system. 2,124,290; July 19.
Fleisher, Walter L., New York, N. Y. Air conditioning. 2,124,291; July 19.
Foilfilm, Inc. (See Kittredge, H. G., and Williams, assignors.)
Folsom, Robert H., Glendale, Calif., assignor to Young Radiator Company, Racine, Wis. Air conditioning system with regenerative localized cooling. 2,124,107; July 19.
Foote, Theodore, Pilger, Nebr. Egg lift. 2,124,464; July 19.
Formhals, Anton, assignor of forty-five per cent to Richard Schreiber-Gastell, Mainz, Germany. Method and apparatus for the production of fibers. 2,123,992; July 19.
Foster, Frank G., Doncaster, and L. J. Lambe, Hamstead, London, England. Engine, pump, meter and the like. 2,124,140; July 19.
Frank, Harry S., New York, N. Y. Sachet. 2,124,396; July 19.
Frank, William H., and J. A. Messing, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,124,413; July 19.
Fränkel, Leo, assignor to Lampen-und Metallwarenfabriken R. Ditmar Gebruder Brunner A. G., Vienna, Austria. Camera diaphragm adjusting and indicating mechanism. 2,124,248; July 19.
Freese, Hermann, and H. Müller, assignors to Klangfilm G. m. b. H., Berlin, Germany. Light and electrical impulse conversion apparatus. 2,124,031; July 19.
French, Charles A., Riverside, Ill., assignor, by mesne assignments, to M. C. Bates. Fuel vaporizer. 2,123,887; July 19.
Freund, Morris, Cleveland, Ohio, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats and backs. 2,123,888; July 19.
Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Tailstock. 2,124,164; July 19.
Fuel Treating Products Co. (See Martin, Peter R., assignor.)
Gaarder, Herbert M., Chicago, Ill., assignor to Wilson & Co. Interiorly supported filter pad. 2,124,370; July 19.
Gabrielson, Carl, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,123,938; July 19.
Gagnier, George E., et al. (See Lavigne, Joseph P., assignor.)
Gannon, James, Far Rockaway, N. Y. Brush equipped receptacle. 2,124,058; July 19.
Gardiner, William Tudor, et al., trustee. (See Schweickart, William M., assignor.)
Gasparin, Chester C. (See Wildes, G. F., and Gasparin.)
Gauss, Philip W., Port Arthur, assignor to The Texas Company, New York, N. Y. Collapsible pouring spout. 2,124,385; July 19.
Gaylord Container Corporation. (See Williams, Benjamin M., assignor.)
Gebrüder Bühler. (See Roth, Ernst, assignor.)
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Demodulation system in superheterodyne receiver. 2,124,191; July 19.
Geigy, J. R., S. A. (See Krebser, A., and Vannotti, assignors.)
Geiser, Daniel S., Waynesboro, Pa. Lock. 2,123,993; July 19.
General Aniline Works, Inc. (See Holzach, K., and Muehlbauer, assignors.)
General Aniline Works, Inc. (See Lange, M., and Jacobs, assignors.)
General Aniline Works, Inc. (See Scheyer, H., and Schwamberger, assignors.)
General Aniline Works, Inc. (See Wolff, P., and Heim, assignors.)
General Electric Company. (See Anderson, Frederick H., assignor.)
General Electric Company. (See Bell, Howard H., assignor.)
General Electric Company. (See Caughey, Reed J., assignor.)
General Electric Company. (See Cockrell, William D., assignor.)
General Electric Company. (See Green, Edward A., assignor.)
General Electric Company. (See Hedman, Sverker N., assignor.)
General Electric Company. (See Heimann, Walter, assignor.)
General Electric Company. (See Leeds, Laurence M., assignor.)
General Electric Company. (See Morrill, W. J., and Killam, assignors.)
General Electric Company. (See Nolte, Henry J., assignor.)

General Electric Company. (See Schmidt, Friedrich, assignor.)
General Electric Company. (See Standerwick, Reginald G., assignor.)
General Electric Company. (See Stansel, Numan R., assignor.)
General Electric Company. (See Struk, W., and Schroeder, assignors.)
General Electric Company. (See Truesdell, F. W., Cameron, and Whyte, assignors.)
General Electric Company. (See Wotring, Gaylord H., assignor.)
General Fireproofing Company. (See Gourley, Glenn T., assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Gilman, Norman H., assignor.)
General Motors Corporation. (See McCormack, Alex A., assignor.)
General Motors Corporation. (See Reifer, George M., assignor.)
General Motors Corporation. (See Smith, Rolf M., assignor.)
General Motors Corporation. (See Stuerzl, Henry C., assignor.)
General Motors Corporation. (See Williams, Harry M., assignor.)
General Motors Corporation. (See Wolfram, William S., assignor.)
General Railway Signal Company. (See Rees, Frank X., assignor.)
Gensel, Herbert. (See Brodersen, K., Quaedvlieg, Schneider, and Gensel.)
Germer, Edmund, Berlin, Germany. Applying luminescent colors on bodies consisting of glass or other material. 2,123,939; July 19.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch disk. 2,124,059; July 19.
Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
Gillespie, Robert. (See Moir, Harry W., assignor.)
Gilman, Norman H., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Making bronze faced bearings. 2,124,060; July 19.
Gits, Remi J. (See Miller, Royal R., assignor.)
Glacier Metal Company Limited, The. (See Bate, J., and Mellmish, assignor.)
Gleason, Stanley F., Philadelphia, assignor of one-half to L. Necho, Lansdowne, Pa. Coupling and repair link. 2,123,889; July 19.
Gliddon, Gordon H. (See Ames, A., Jr., and Gliddon.)
Globe Oil Tools Company. (See Ragsdale, J. B., and Goodwin, assignors.)
Globe-Wernicke Company, The. (See Schmitz, Fred A., assignor.)
Goldhammer, Leo, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic camera with photoelectric exposure meter. 2,124,292; July 19.
Goleman, Otto B., Los Angeles, Calif. Well drilling bit. 2,124,414; July 19.
Goldstein, Harold, New York, N. Y. Infusion apparatus. 2,124,293; July 19.
Gompers, Lewis, trustee. (See Ashley, Frank M., assignor.)
Goodwin, Robert G. (See Ragsdale, J. B., and Goodwin.)
Goos, Arthur W., assignor to Cliffs Dow Chemical Company, Marquette, Mich. Core binder material. 2,124,515; July 19.
Gossrau, Gotthard, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Surgical clasp. 2,123,890; July 19.
Gossrau, Gotthard, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Surgical tongs. 2,123,891; July 19.
Gould, William J., Johnstown, N. Y. Bath sponge. 2,124,061; July 19.
Gourley, Glenn T., assignor to The General Fireproofing Company, Youngstown, Ohio. Caster retainer. 2,124,465; July 19.
Grady, Stephen S., Magnolia, N. C. Fountain. 2,123,892; July 19.
Graham, William S. (See Lindgren, A. C., and Graham.)
Grange, Leo O., assignor to Safety Vulcanizer Company, Chicago, Ill. Adjustable rim. 2,124,345; July 19.
Grant, George A., and W. F. Le Moine, Oakland, Calif. Child's play raft. 2,124,062; July 19.
Grant, Harry C., Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Condensate trap for suction conduits. 2,124,516; July 19.
Gray, Clyde E., assignor of twenty-seven and a half per cent to M. Hurt and twenty per cent to McLaughlin & Wallenstein, Chicago, Ill. Printing. 2,124,294; July 19.
Gray, Edward, assignor of one-half to G. Wood, Detroit, Mich. Double acting engine. 2,124,032; July 19.
Gray, Ellsworth, assignor to C. C. Brown, Houston, Tex. Valve mechanism. 2,124,334; July 19.
Gray, Raymond K., Chicago, Ill. Cylinder lock. 2,123,940; July 19.
Grece, Harry H., Detroit, Mich. Lubricated dust guard. 2,124,108; July 19.
Grece, Harry H., Detroit, Mich. Lubricated dust guard. 2,124,109; July 19.
Green, Edward A., Schenectady, N. Y., assignor to General Electric Company. Driving means for spinning machines. 2,124,415; July 19.
Greenbaum, Frederick R., assignor to The National Drug Company, Philadelphia, Pa. Allantoin ointment. 2,124,295; July 19.
Greenfield, William H., Philadelphia, Pa. Gas track heater. 2,123,941; July 19.
Greulich, Gerald G., Mount Lebanon, Pa. Double tapered steel post. 2,124,487; July 19.
Grimes, Warren G., Urbana, Ohio. Landing light for airplanes and the like. 2,124,346; July 19.
Groene, William F., and R. M. Bacon, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Center drive camshaft lathe. 2,124,347; July 19.
Groene, William F., R. M. Bacon, and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Hydraulic lathe transmission. 2,124,348; July 19.
Grondahl, Jens K., Red Wing, Minn. Fire alarm. 2,124,488; July 19.
Gruner, Hans. (See Williams, C. F., and Gruner.)
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Transducer. 2,124,296; July 19.
Gwinn, George W., Hewlett, N. Y., and J. W. Leary, Bloomfield, N. J., assignors to American Machine & Foundry Company. Cigarette catcher. 2,124,397; July 19.
Grunwald, Joseph. (See Hugyik, Steven, assignor.)
Gschöpf, Richard, and K. Pokorny, Vienna, Austria; said Pokorny assignor to said Gschöpf. Producing photographic image carriers provided with precipitants for coloring dyes. 2,124,371; July 19.
Guba, Raymond A., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric. 2,123,893; July 19.
Guiducci, Igino, Tivoli, Italy. Locking washer for nuts. 2,124,249; July 19.
Gump, B. F., Co. (See Berry, E. G., and Reimuller, assignors.)
Gunsbourg, Arcadius, Brussels, Belgium. Ring-shaped element of prismatic section for improving the luminosity of electric lamps. 2,123,942; July 19.
H. and L. Corporation. (See Hosmer, C. C., and Launder, assignors.)
H and T Engineering Corporation. (See Hanson, John G., assignor.)
Haack, Erich, Radebeul, and R. F. von Buddenbrock, Dresden, assignors to Chemische Fabrik von Heyden A. G., Radebeul, near Dresden, Germany. Manufacture of pyridine-derivatives. 2,124,506; July 19.
Hadland, Carl A., Plainview, Minn. Combination fence tool. 2,124,416; July 19.
Hagemann, Louis F., Niagara Falls, assignor to American Sales Book Company, Inc., Elmira, N. Y. Record strip control for autographic registers. 2,123,994; July 19.
Hall, Perry C., Sidney, Ohio, assignor to Copeland Refrigeration Corporation, Detroit, Mich. Refrigerating mechanism. 2,124,110; July 19.
Hamel, J. Samuel, Babylon, N. Y., and R. C. Engelken, Clifton, N. J., assignors, by mesne assignments, to New York World's Fair, 1939, Inc., New York, N. Y. Lighting fixture. 2,124,417; July 19.
Hamill, Ret O., Elmhurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Reset mechanism for demand registers. 2,123,943; July 19.
Hamill, Ret O., Elmhurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Reset mechanism for demand registers. 2,123,944; July 19.
Hand, John F., Philadelphia, Pa., assignor to The De Long Hook and Eye Company. Sewing machine mechanism. 2,124,033; July 19.
Hanks, George R., Clinton, assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Dredge bucket. 2,124,517; July 19.
Hansell, Clarence W. (See Conklin, J. W., and Hansell.)
Hanson, John G., assignor to H and T Engineering Corporation, Kenmore, N. Y. Transmission. 2,124,192; July 19.
Hardie Manufacturing Company, The. (See Redhead, William R., assignor.)
Hardwick, John. (See Browne, C. O., and Hardwick.)
Harris-Seybold-Potter Company. (See Kaddeland, Christen R., assignor.)
Harris, William, Jr., Paterson, N. J. Ribbon pack. 2,124,064; July 19.
Harris, William, Jr., Paterson, N. J. Ribbon pack. 2,124,063; July 19.
Harreund, Robert L., Miami, Fla. Insect poison container. 2,123,995; July 19.
Haskins, Joseph F., administrator. (See Ellsworth, Deane C.)
Hayes, Frank A., Middletown, N. J. Precession initiating and controlling means for variable speed transmission mechanisms. 2,124,398; July 19.
Hayes, Frank A., Middletown, N. J. Power transmission mechanism. 2,124,399; July 19.
Hazelett, Clarence W., Greenwich, Conn. Producing hollow metallic shapes and apparatus therefor. 2,123,894; July 19.
Heckert, Leon C., Pittsburg, Kans., and C. H. Peet, Bristol, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa. Insecticidal, fungicidal, disinfectant material. 2,124,400; July 19.
Heddon's, James, Sons. (See McArthur, Joseph, assignor.)

Hedman, Sverker N., Stoneham, Mass., assignor to General Electric Company. Speed governing mechanism. 2,124,418; July 19.
Heldbrock, William, New Brunswick, N. J., assignor to Zonite Products Corporation, New York, N. Y. Applicator. 2,124,065; July 19.
Heil Co., The. (See Thwaits, Frederick G., assignor.)
Hellbron, Isidor M., Manchester, England, F. Irving, Grangemouth, Scotland, and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Producing phthalocyanine compounds. 2,124,419; July 19.
Helm, Friedrich. (See Wolff, P., and Helm.)
Helmann, Walter, Berlin Reinickendorf, Germany, assignor to General Electric Company. Cathode-ray tube. 2,124,401; July 19.
Heintz, James C., Lakewood, Ohio. Tire rim. 2,124,111; July 19.
Helln, Roy P. (See Pascoe, T. A., and Helln.)
Hellige, Inc. (See Paully, Frank G., assignor.)
Helwig, Drew M. (See McDonnell, J. S., Jr., and Helwig.)
Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)
Henderson, Albert F., Middleton, Mass. Necktie guide. 2,123,945; July 19.
Hennessy, James J., Montclair, N. J. Journal lubricator. 2,123,946; July 19.
Hennessy, Mary C., New York, N. Y. Garment. 2,124,193; July 19.
Herbster, George, Cleveland, Ohio. Door operating device. 2,123,349; July 19.
Hercules Powder Company. (See Hunt, William C., assignor.)
Herman, Roy, et al. (See Klein, Benjamin, assignor.)
Herrmann, Carl, assignor to The firm of Carl Zeiss, Jena, Germany. Polarization device for cameras. 2,124,297; July 19.
Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Kitchen implement. 2,123,947; July 19.
Hertzberg Patents, Inc. (See Hertzberg, Harry, assignor.)
Herzig, Leonard A., Brooklyn, assignor to Conquest Alliance Co., Inc., New York, N. Y. Portable cabinet for combination radio, phonograph, and microphone. 2,124,194; July 19.
Hester, Harry W., Chenoa, Ill., assignor to Savage Arms Corporation. Gun mechanism. 2,124,066; July 19.
Heymer, Gerd. (See Eggert, J., and Heymer.)
Heywood-Wakefield Company. (See Bell, Alfred B., assignor.)
Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag fastener knob and making the same. 2,124,298; July 19.
Hildebrand, Otto G., Cleveland, Ohio, assignor to Railley Corporation. Lighting fixture. 2,124,141; July 19.
Hill, Harry W., Sterling, Ill., assignor to Northwestern Barb Wire Company. Wire bundling machine. 2,123,895; July 19.
Hill, Harry W., assignor to Northwestern Barb Wire Company, Sterling, Ill. Bale tie package. 2,124,506; July 19.
Hi-Production Wheel Corporation. (See Shields, William R., assignor.)
Hirshfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Wheel assembly. 2,124,350; July 19.
Hoag, Merritt C., Johnsonville, N. Y. Bacteria plate cabinet. 2,124,250; July 19.
Hodgkins, Albert A., Leonia, N. J., assignor to Almarc, Inc., New York, N. Y. Automatic gear shifting. 2,124,507; July 19.
Holland, Hal B., Praise, assignor, by mesne assignments, of seven-thirtieths to I. S. Pineur, Pikeville, Ky., and seven-thirtieths to C. Lemons and S. Lemons, Cynthiana, Ky., and thirty-two one-thousand one-hundred and twenty-fifths to Z. Powell, Praise, Ky. Jar holder. 2,123,896; July 19.
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,123,897; July 19.
Holzach, Karl, and F. Muehlbauer, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Phthalocyanine dyestuff. 2,124,299; July 19.
Hönel, Herbert, Vienna, and A. Zinke, Graz, Austria, assignors to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Phenol-terpene resinous condensation products and making them. 2,123,898; July 19.
Hoover Company, The. (See Whitaker, Uncas A., assignor.)
Hopkins, Mark A., assignor to Prest-O-Lite Storage Battery Corporation, Indianapolis, Ind. Storage battery vent plug. 2,124,455; July 19.
Hosmer, Chester, C., Long Beach, and E. L. Launder, Montebello, assignors to H. and L. Corporation, Huntington Park, Calif. Detachable point for earth digging teeth. 2,124,230; July 19.
Houdaille-Hershey Corporation. (See Schatzman, George W., assignor.)
Houlihan, Rudolph N., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Vanity box. 2,124,300; July 19.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Needle bar assembly for knitting machines and knitting thereon. 2,124,067; July 19.
Howorth, Harmon, Cumberland, Md., assignor to Celanese Corporation of America. Yarn guide. 2,123,948; July 19.
Huber, Sylvester, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,124,301; July 19.
Huenergardt, William H., Chicago, Ill. Safety razor. 2,124,402; July 19.
Hufferd, George H., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Load carrying joint. 2,124,034; July 19.
Hugyik, Steven, assignor of one-half to J. Grunwald, South Bend, Ind. Separable electrical connecter. 2,124,068; July 19.
Hunt, William C., assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap. 2,123,996; July 19.
Hurd, Edwin P., Detroit, Mich. Locking device for vehicle wheels. 2,124,035; July 19.
Hurlock, William A. E., Thames Ditton, England. Silencer for internal combustion engines. 2,124,489; July 19.
Hurt, Marlin, et al. (See Gray, Clyde E., assignor.)
Hydril Company. (See Stone, Frederick, and A. L., assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, K., Quaedvlieg, Schneider, and Gensel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
Illinois Tool Works. (See Olson, Carl G., assignor.)
Imperial Chemical Industries Limited. (See Dodd, Herbert, assignor.)
Imperial Chemical Industries Limited. (See Hellbron, I. M., Irving, and Linstead, assignors.)
Imperial Chemical Industries Limited. (See Malam, John E., assignor.)
International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
International Harvester Company. (See Borgerd, W. F. McCune, and Uherek, assignors.)
International Harvester Company. (See Calling, John, assignor.)
International Harvester Company. (See Kriegbaum, G. M., and Morris, assignors.)
International Harvester Company. (See Lindgren, A. C., and Graham, assignors.)
International Paper Company. (See Charlton, Edgar A., assignor.)
International Patents Development Company. (See Boie, Hans, assignor.)
International Standard Electric Corporation. (See Brown, Andrew, assignor.)
International Standard Electric Corporation. (See Osawa, Juichi, assignor.)
Irving, Francis. (See Hellbron, I. M., Irving, and Linstead.)
Jackson, Harvey. (See Stone, R., and Jackson.)
Jacobs, Samuel M. J., New York, N. Y. Tobacco pipe. 2,124,221; July 19.
Jacobs, Theodor. (See Lange, M., and Jacobs.)
Janzer, Carl. (See Walbler, Johannes, assignor.)
Jeffrey Manufacturing Company, The. (See Dellenbach, Charles G., assignor.)
Jeffrey Manufacturing Company, The. (See Smith, A. L., and McGovern, assignors.)
Jeffrey Manufacturing Company, The. (See Stein, Edward H., assignor.)
Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet-holding means for cylinders of printing presses and the like. 2,123,997; July 19.
Jobe, Frederick W. (See Ellestad, G. A., and Jobe.)
Johnson, George, Hollywood, Calif. Electric call board for hotels. 2,124,490; July 19.
Jones, Lucian N. (See Smith, H. L., Jr., and Jones.)
Jones, John T., Great Neck, assignor to Radio Corporation of America, New York, N. Y. Automatic tuning means for radio sets. 2,124,195; July 19.
Jonson, Ossian H. (See Samuelson, F. G., Jouson, and Engdahl.)
Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,124,420; July 19.
Kapinas, Ruth M., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,124,112; July 19.
Karpen, S. & Bros. (See Duvall, W. A., and Van Derveer, assignors.)
Kesler, Carl C., Cedar Rapids, Iowa, assignor to Penick & Ford, Ltd., Incorporated. Starch. 2,124,372; July 19.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,124,069; July 19.
Kaufman, Charles, Garfield Heights, assignor, by mesne assignments, to The National Machinery Company, Tiffin, Ohio. Machine for making blanks. 2,124,113; July 19.
Kawneer Company, The. (See Plym, Francis J., assignor.)
Kellogg Compressor and Manufacturing Corporation. (See Browne, Lindsay H., assignor.)

Kenworth Motor Truck Corporation. (See Mallett, Lloyd A., assignor.)
Kepfer, Raymond J., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flux for galvanizing. 2,123,949; July 19.
Kidde, Walter & Company. (See Grant, Harry C., Jr., assignor.)
Killam, Kenneth A. (See Morrill, W. J., and Killam.)
King, David W., Knoxville, Tenn. Wood preservation. 2,123,899; July 19.
Kittredge, Harvey G., and F. W. Williams, assignors to Foilfilm, Inc., Dayton, Ohio. Cigarette case. 2,124,231; July 19.
Kittredge, Harvey G., and F. W. Williams, assignors to Foilfilm, Inc., Dayton, Ohio. Metal foil. 2,124,232; July 19.
Klangfilm G. m. b. H. (See Freese, H., and Müller, assignors.)
Klein, Adolph, New York, N. Y., assignor to A. Klein & Co. Inc. Container. 2,124,036; July 19.
Klein, A., & Co. Inc. (See Klein, Adolph, assignor.)
Klein, Benjamin, Long Island City, assignor of one-third to E. R. Mihm and one-third to R. Herman, New York, N. Y. Shipping and display package. 2,124,335; July 19.
Klein, Frederick, Glen Rock, and H. Uhlig, Clifton, assignors to Sipp-Eastwood Corporation, Paterson, N. J. Yarn control means. 2,124,422; July 19.
Klein, Leonard, Clarksdale, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y. Cyanide process. 2,124,421; July 19.
Kleinmann, Max, New York, N. Y. Lining for ties. 2,123,900; July 19.
Knie, Robert L. (See Vandiver, James C., assignor.)
Knight, Alfred W., et al. (See Miller, Harold C., assignor.)
Koch, Jakob, Basel, and M. Bommer, Riehen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. N:N'-dialkly-2:2'-dipyrazole-anthronyls and making same. 2,123,251; July 19.
Koch, John J., Cleveland, Ohio. Device for adjusting and locking dampers. 2,123,998; July 19.
Kottsieper, Edward, Bridgeport, Conn. Engine. 2,124,196; July 19.
Kraft, Werner, New York, N. Y. Broom, brush, and the like. 2,124,197; July 19.
Krause, Erich. (See Mulka, August F., assignor.)
Krebser, Adolf, Riehen, near Basel, and F. Vannotti, assignors to the firm J. R. Geigy, S. A., Basel, Switzerland. 2-naphtholsulphonic acids and their manufacture. 2,124,070; July 19.
Kriegbaum, George M., and D. M. Morris, Richmond, Ind., assignors to International Harvester Company. Hopper construction. 2,124,198; July 19.
Kronheim, Jacob, et al. (See Freund, Morris, assignor.)
Krumm, William L., Chicago, Ill. Spear or arrow shaped box. 2,124,142; July 19.
Kurtz, Hans, Reutlingen, Germany. Endless screen wire fabric and making same. 2,124,373; July 19.
Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 2,124,423; July 19.
Lamb, Charles W., Buffalo, N. Y. Amusement device. 2,124,199; July 19.
Lambe, Laurence J. (See Foster, F. G., and Lambe.)
Lampen-und Metallwarenfabrieken R. Ditmar Gebruder Brunner A. G. (See Fränkel, Leo, assignor.)
Lamson Company, The. (See Taylor, William J., assignor.)
Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Light polarizing material. 2,123,901; July 19.
Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Light polarizing material. 2,123,902; July 19.
Lane Company, The. (See Loftin, Grady A., assignor.)
Lane, John D., Boston, and R. H. Wilbur, Melrose, Mass.; said Lane assignor to said Wilbur. Pad of paper sheets. 2,123,903; July 19.
Lange, Max, Frankfort-on-the-Main, and T. Jacobs, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylides of hydroxy-orthocarboxy-benzoacridones. 2,124,336; July 19.
La Plant Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
Larsson, Thure, assignor to Norton Company, Worcester, Mass. Track grinding brick. 2,124,273; July 19.
Lasker, William W., Brooklyn, assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Sub and grand total mechanism. 2,124,176; July 19.
Lasker, William W., Brooklyn, N. Y., and C. Ruiz, Stamford, Conn., assignors to Remington Rand Inc., New York, N. Y. Tabulating machine. 2,123,177; July 19.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical card punch. 2,124,178; July 19.
Lattner, Emert J., Cedar Rapids, Iowa. Hydraulic system control means. 2,123,950; July 19.
Launder, Ernie L. (See Hosmer, C. C., and Launder.)
Lauer, Raymond J., assignor to The Dole Valve Company, Chicago, Ill. Pipe coupling. 2,123,999; July 19.
Lavigne, Joseph P., Detroit, Mich. Vehicle window control mechanism. 2,124,037; July 19.
Lavigne, Joseph P., assignor to G. E. Gagnier and B. C. Place, Detroit, Mich. Securing molding or the like. 2,124,252; July 19.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine for plaiting and reverse plaiting. 2,124,000; July 19.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Tension device. 2,124,001; July 19.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Yarn feeding mechanism for knitting machines. 2,124,253; July 19.
Leary, James W. (See Gwinn, G. W., and Leary.)
Le Bleu, Charles, Los Angeles, Calif. Earthworking implement. 2,124,466; July 19.
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Bacon, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., Bacon, and Sieknann, assignors.)
Ledinegg, Max, Mahrisch-Ostrau, Czechoslovakia. High pressure steam generation. 2,124,254; July 19.
Leeds, Laurance M., Schenectady, N. Y., assignor to General Electric Company. Antenna system. 2,124,424; July 19.
Lehman, Werner, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Slack take-up for thrust ropes of power shovels. 2,123,904; July 19.
Leitner, Franz, Kapfenberg, Austria. Production of core-electrodes. 2,124,255; July 19.
Leland Electric Company, The. (See Leland, George H., assignor.)
Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Tool operating mechanism. 2,124,491; July 19.
Lemieux, Albert, New York, N. Y. Work holder. 2,124,200; July 19.
Le Moine, Wells F. (See Grant, G. A., and Le Moine.)
Lemons, Claude, et al. (See Holland, Hal B., assignor.)
Lemons, Stanley, et al. (See Holland, Hal B., assignor.)
Les Veaux, John F. (See Mewborne, R. G., and Les Veaux.)
Lewis, Harold A., Brandywine Summit, and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition and production. 2,124,201; July 19.
Lewis, Harold A., Wilmington, Del., and F. R. Wilson, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,124,202; July 19.
L'Hommedieu, Arthur W., assignor to Chas. F. L'Hommedieu & Sons Co., Chicago, Ill. Buffing or polishing wheel. 2,124,114; July 19.
Libbey-Owens-Ford Glass Company. (See Ryan, Joseph D., assignor.)
Lincoln, John C., et al. (See Freund, Morris, assignor.)
Lindgren, Alexus C., Chicago, and W. S. Graham, Canton, Ill., assignors to International Harvester Company. Tractor plow. 2,124,203; July 19.
Linstead, Reginald P. (See Hellbron, I. M., Irving, and Linstead.)
Lodge & Shipley Machine Tool Company, The. (See Fritzsch, Frank A., assignor.)
Loftin, Grady A., assignor to The Lane Company, Inc., Altavista, Va. Chest. 2,124,071; July 19.
Lohberg, Louis M., Clinton, Iowa, assignor to Undertakers Supply Company, Chicago, Ill. Casket support. 2,124,038; July 19.
Lohr, Raymond, and E. Baxter, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Eccentric running toy vehicle. 2,124,302; July 19.
Lombardi Knitting Machine Co. (See Lombardi, Vincent, assignor.)
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,124,303; July 19.
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,124,304; July 19.
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting needle and method of use. 2,124,305; July 19.
L'Hommedieu, Chas. F., & Sons Co. (See L'Hommedieu, Arthur W., assignor.)
Long, Forrest H., Maricopa County, Ariz. Transparent grave monument. 2,124,143; July 19.
Lorenz, C., Aktiengesellschaft. (See Seidelbach, Rudolf, assignor.)
Lovell Manufacturing Company. (See Kauffman, Walter L., II, assignor.)
Luckey, George P., Lancaster, Pa., and A. Soller, Michigan City, Ind. Indicating instrument. 2,124,072; July 19.
Lulek, Ralph N., Milwaukee, and C. F. Belcher, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthrimide carbazole series. 2,124,165; July 19.
Lyman, Theodore R., assignor of thirty-five per cent to J. J. Wuerthner, Great Falls, Mont. Automatic coupling device. 2,124,467; July 19.
Maclean, Hugh J. (See Maclean, Neil A. and H. J.)

Maclean, Neil A. and H. J., San Francisco, Calif. Dispensing apparatus. 2,124,073; July 19.
MacNeil, Charles S. J., Jr. (See Palmer, R. E., and MacNeil.)
Magnesium Development Corporation. (See Gossrau, Gotthard, assignor.)
Malan, John E., Birmingham, England, assignor to Imperial Chemical Industries Limited. Planing machine. 2,124,386; July 19.
Mallett, Lloyd A., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Rear-drive motor vehicle. 2,124,166; July 19.
Marquart, Frank, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Mill department control. 2,124,518; July 19.
Marshall, Thomas C., Yorklyn, Del. Internal combustion motor. 2,124,492; July 19.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller. 2,124,351; July 19.
Martin, Glenn L., Company, The. (See McDonnell, J. S., Jr., and Helwig, assignors.)
Martin, Peter R., assignor to Fuel Treating Products Co., Chicago, Ill. Treatment of calcium magnesium chloride. 2,124,233; July 19.
Marx, Louis & Company. (See Lohr, R., and Baxter, assignors.)
Masbach, Jean E., New York, and A. F. Driscoll, Middle Village, Long Island, N. Y. Dispensing closure. 2,123,905; July 19.
Masbach, Jean E., New York, and A. F. Driscoll, Middle Village, Long Island, N. Y. Container closure. 2,123,906; July 19.
Mabach, Jean E., New York, and A. F. Driscoll, Middle Village, Long Island, N. Y. Container closure. 2,123,907; July 19.
Mastin, Marion G., Graceland Park, Redwood City, Calif., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y. Manufacturing magnesium hydroxide. 2,124,002; July 19.
Mayer, Erwin, Skoghall, Sweden. Treatment of cellulosic fibrous materials. 2,124,256; July 19.
Mayo, Reubin E., Snow Hill, N. C. Heating device for tobacco barns. 2,124,074; July 19.
McAfoos, Lawrence R., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Furnace door. 2,124,423; July 19.
McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 2,123,951; July 19.
McCaffrey, William H., Minneapolis, Minn. Shoe heeling clamp. 2,124,144; July 19.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,124,234; July 19.
McCune, Fred L. (See Borgerd, W. F., McCune, and Cherek.)
McDonnell, James S., Jr., Baltimore, and D. M. Helwig, Raspeburg, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,124,003; July 19.
McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
McGovern, Francis E. (See Smith, A. L., and McGovern.)
McIntyre, William H., Toledo, Ohio. Control for internal combustion engines. 2,124,403; July 19.
McKee, Ralph H., assignor to C. Barbieri, New York, N. Y. Continuously separating unsaturated hydrocarbon gases from saturated hydrocarbon gases. 2,124,426; July 19.
McKenna, Philip M., Latrobe, Pa. Carbides of tantalum and like metals and producing same. 2,124,509; July 19.
McLaughlin & Wallaenstein, et al. (See Gray, Clyde E., assignor.)
McNamee, James, Ballston Spa, N. Y. Weft knit fabric. 2,124,508; July 19.
Melhuish, Maurice. (See Bate, J., and Melhuish.)
Melind, Henry J., Chicago, Ill. Stamp. 2,123,952; July 19.
Mejean, Jacques G., Chatou, assignor to Société Bronzavia, Courbevoie (Seine) France. Apparatus for use in connection with bottles containing a gaseous fluid under pressure. 2,124,493; July 19.
Memminger, Karl, assignor to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Germany. Improving vermin exterminating compositions and the resulting compositions. 2,124,494; July 19.
Mercer, Hugh V. (See Peterson, Alfred T., assignor.)
Mercier, Jean, Neuilly-sur-Seine, France. Vacuum distillation of hydrogen peroxide. 2,124,257; July 19.
Mergott, J. E., Company, The. (See Hiering, William C., assignor.)
Merkel, John, Jr., Evansville, Ind. Motor driven rotary tooth brush. 2,124,145; July 19.
Merrow, John G. (See O'Brien, Parker J., assignor.)
Messing, Joseph A. (See Frank, W. H., and Messing.)
Metropolitan Device Corporation. (See Rypinski, Albert B., assignor.)
Mewborne, Robert G., Albuquerque, N. Mex., and J. F. Les Veaux, assignors to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Determining the amount of sulphur in mixtures containing the same. 2,124,307; July 19.
Mezzapesa, Stephen, Brooklyn, N. Y. Device for instantaneously cooling beer and dispensing same. 2,124,308; July 19.
Michigan Die-Casting Company. (See Tallberg, Einer M., assignor.)
Michigan Tool Company. (See Scott, George R., assignor.)
Mihm, Erwin R., et al. (See Klein, Benjamin, assignor.)
Miller, Elizabeth G., Madison, N. J. Jaunt folding dress-mirror. 2,124,146; July 19.
Miller, Harold C., assignor of ten per cent to G. B. Shea, Oakland, twenty per cent to J. W. Weir, Los Angeles, twenty per cent to H. S. Montgomery, and twenty per cent to A. W. Knight, South Pasndena, Calif. Treatment of drill holes. 2,124,495; July 19.
Miller, Royal R., assignor of one-half to R. J. Gits, Chicago, Ill. Oscillating drive transmission. 2,124,115; July 19.
Miner, W. H., Inc. (See Olander, Roland J., assignor.)
Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,124,204; July 19.
Mitchell, Douglas, and C. A. Wyeth, assignors to American Radio Hardware Co. Inc., New York, N. Y. Tong for removing radio tubes from chassis. 2,124,039; July 19.
Moecker, Arnold, Homewood, Ill., assignor to American Stove Company, St. Louis, Mo. Holding range top covers in open and closed positions. 2,124,258; July 19.
Moir, Harry W., assignor to R. Gillespie, Seattle, Wash. Amalgamator. 2,124,205; July 19.
Montgomery, Donald H., West Hartford, assignor, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Cam means. 2,124,167; July 19.
Montgomery, Henry S., et al. (See Miller, Harold C., assignor.)
Montgomery, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Muzzle attachment for machine guns. 2,124,075; July 19.
Moore, Stanley S., Stockton, Calif. Power hoist attachment for tractors. 2,124,116; July 19.
Morrill, Wayne J., and K. A. Killam, Fort Wayne, Ind., assignors to General Electric Company. Split phase motor. 2,124,427; July 19.
Mulloy, Ollie L., Shreveport, La., assignor to A. G. Blanchard. Safety valve. 2,124,374; July 19.
Morris, David M. (See Kriegbaum, G. M., and Morris.)
Mosel, George H. (See Robison, R., and Mosel.)
Muehlbauer, Fritz. (See Holzach, K., and Muehlbauer.)
Mueller-Cunradi, Martin, M. Otto, W. Daniel, and R. Werner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Compositions of matter. 2,124,235; July 19.
Mulka, August F., Dortmund, assignor to Erich Krause, Berlin, Germany. Dust-, gas-, and water-proof sliding clasp fastener for boots and other articles. 2,124,206; July 19.
Müller, Hans. (See Freese, H., and Müller.)
Munsingwear, Inc. (See Chatfield, Franklin, assignor.)
Munsingwear, Inc. (See Kapinas, Ruth M., assignor.)
Munsterman, Alvin D., Bensenville, Ill. Onion harvester. 2,124,309; July 19.
Murch, Charles S., Augusta, Maine. Frost absorber. 2,124,259; July 19.
Murphy, Martin J., Spalding, Nebr. Advertising fly chaser. 2,124,147; July 19.
Murr, Max, Jr., Munich, Germany. Boot. 2,124,310; July 19.
Murray, Howard J., New York, N. Y. Combined starting, synchronizing, and shifting system. 2,124,076; July 19.
Myers, Chester G., York, Pa., assignor to Autokraft Box Corporation, Lima, Ohio. Cigar box. 2,123,953; July 19.
Nachman Spring-Filled Corporation. (See Zimmerman, Fred R.)
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating means on the camera body of a folding camera. 2,123,908; July 19.
National Drug Company, The. (See Greenbaum, Frederick R., assignor.)
National Lead Company. (See Behr, Gustave E., assignor.)
National Lock Co. (See Anderson, Lloyd, assignor.)
National Machinery Company, The. (See Kaufman, Charles, assignor.)
National Tube Company. (See Speller, Frank N., assignor.)
Necho, Louis. (See Gleason, Stanley F., assignor.)
Neesen, Carl, assignor to Allegemeine Elaktricitatz Gesellschaft, Berlin, Germany. Multiple circuit connecter device. 2,124,207; July 19.
Nelson, David V., Chicago, Ill. Building construction. 2,124,311; July 19.
New Britain Machine Company, The. (See Montgomery, Donald H., assignor.)
Newell, Arthur T., Hempstead, assignor to The C. E. Sheppard Co., Long Island City, N. Y. Loose leaf binder. 2,124,312; July 19.
New York World's Fair, 1939, Inc. (See Hamel, J. S., and Engelken, assignors.)

Niagara Sprayer and Chemical Co. (See Mewborne, R. G., and Les Veaux, assignors.)
Nichols, Beverly R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pilot valve. 2,124,274; July 19.
Nichols, Charles H., assignor of one-half to A. Wickham, West Bromwich, England. Fastener or latch for vehicle roofs. 2,124,117; July 19.
Nickerson, William H., Newton Center, Mass. Cushion shank for shoes. 2,123,954; July 19.
Nissley, Jacob H., et al., trustee. (See Schweickart, William M., assignor.)
Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Metal vacuum tube. 2,124,428; July 19.
Northwestern Barb Wire Company. (See Bradley, Albert F., assignor.)
Northwestern Barb Wire Company. (See Hill, Harry W., assignor.)
Norton Company. (See Larsson, Thure, assignor.)
Norton Company. (See Van der Pyl, Edward, assignor.)
Nutt, Donald R., El Segundo, assignor to Standard Oil Company of California, San Francisco, Calif. Removal of suspended solids from oil. 2,124,148; July 19.
Oberle, Josef, New York, N. Y. Animal snare trap. 2,123,955; July 19.
O'Brien, Parker J., Brooklyn, assignor of one-half to J. G. Merrow, New York, N. Y. Pad holder. 2,124,429; July 19.
Ogden, Jacob W. (See Wheeler, W. H., and Ogden.)
Ohio Citizens Trust Company, The, trustee. (See Replogle, Daniel B., assignor.)
Okerfelt, George A., Hartford, Conn. Jig. 2,124,118; July 19.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Door construction. 2,124,040; July 19.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Gear testing machine. 2,124,119; July 19.
Olson, Ole N., Moorhead, Minn. Battery identification tag. 2,123,956; July 19.
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Side seam for metal can bodies. 2,124,004; July 19.
Orth, Richard T., Maplewood, N. J., assignor to Radio Corporation of America. Electron tube. 2,123,957; July 19.
Osawa, Juichi, Shibaku, Tokyo, Japan, assignor to International Standard Electric Corporation, New York, N. Y. Electrical device. 2,124,306; July 19.
Osgood, Robert C., and L. A. Currier, Claremont, N. H., assignors to Sullivan Machinery Company. Scraper loading apparatus. 2,123,909; July 19.
Ostendorf, William L., Tiffonsville, Ohio. Grease gun. 2,124,077; July 19.
Otto, Michael. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
Pacific Coast Borax Company. (See Belk, Frederick A., assignor.)
Packard, Roland A., assignor to Smith Paper, Inc., Lee, Mass. Paper manufacture. 2,123,958; July 19.
Palmer, Richard E., and C. S. J. MacNeil, Jr., assignor, by mesne assignments, to Curtiss-Wright Corporation, Kenmore, N. Y. Controllable pitch propeller. 2,124,078; July 19.
Pancheri, Joseph, Melba, Idaho. Tractor cultivator. 2,124,005; July 19.
Paragon Electric Company. (See Swensen, Emil F., assignor.)
Parker, John W., West Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company. Dial test indicator. 2,124,006; July 19.
Parlini, Alexander C., Woodside, N. Y. Photographic camera and focusing means therefor. 2,124,468; July 19.
Pascoe, Truman A., and R. P. Hella, Cloquet, Minn., assignors to Cellovis, Inc., Wilmington, Del. Surfacing felted fibrous material. 2,124,330; July 19.
Paterson Pacific Parchment Co. (See Dodge, Wesley, assignor.)
Patten, Doris T., Bloomfield Hills, Mich. Doll house assembly. 2,124,352; July 19.
Paully, Frank G., Newark, N. J., assignor to Hellige, Inc., New York, N. Y. Method and apparatus for amplifying and recording electrical currents. 2,124,208; July 19.
Pawlikowski, Rudolf, Goerlitz, Germany. Oil catcher. 2,123,959; July 19.
Peet, Charles H. (See Heckert, L. C., and Peet.)
Pell, Joseph, Detroit, Mich. Arch support. 2,124,496; July 19.
Pemberton, J. R. (See Weisgerber, Edwin C. R., assignor.)
Penick & Ford, Ltd. (See Kesler, Carl C., assignor.)
Pennrich, Henry C., Brussels, Belgium. Cracking hydrocarbon oils. 2,123,960; July 19.
Persch, Walther. (See Bockmühl, M., Dörzbach, and Persch.)
Peterman, Theodore A., Tacoma, Wash. Wheel construction. 2,124,469; July 19.
Peters, Melville F., Beltsville, Md. Detecting defects in ignition shielding. 2,123,910; July 19.
Peters, William F., Seattle, Wash. Foldable card table. 2,124,007; July 19.
Peterson, Burleigh B., Duluth, Minn., assignor to Talon, Inc., Meadville, Pa. Applying slide fasteners to articles. 2,124,079; July 19.
Peterson, Alfred T., St. Paul, assignor of one-half to H. V. Mercer, Minneapolis, Minn. Double acting shock absorber. 2,123,961; July 19.
Peterson, Peter, New Lisbon, Wis., assignor to E. Edelmann & Co., Chicago, Ill. Syringe hydrometer. 2,124,080; July 19.
Pfiasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,123,962; July 19.
Pfiasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,123,963; July 19.
Phelps Dodge Corporation. (See Klein, Leonard, assignor.)
Phillips, John W., San Antonio, Tex. Building construction and block therefor. 2,124,430; July 19.
Phillips, Ray G., Port Huron, Mich. Refrigerator control. 2,124,375; July 19.
Photostat Corporation. (See Brorsen, Willard A., assignor.)
Piersen, Edwin H., and J. C. Anderson, Los Angeles, Calif., assignors to Unitype Engineering Company, Reno, Nev. Building structure. 2,124,519; July 19.
Pike, Henry L., Greensboro, N. C., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic clutch. 2,123,911; July 19.
Pineur, I. S., et al. (See Holland, Hal B., assignor.)
Pitney-Bowes Postage Meter Co. (See Wheeler, W. H., and Ogden, assignors.)
Place, Bion C., et al. (See Lavigne, Joseph P., assignor.)
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,124,353; July 19.
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,124,354; July 19.
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,124,355; July 19.
Pogue, William F., Spokane, Wash. Heating stove. 2,124,120; July 19.
Pokorny, Karl. (See Gschöpf, R., and Pokorny.)
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch. 2,124,337; July 19.
Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Process and machine for making bags. 2,124,209; July 19.
Post, Ferdinand C., assignor to Compagnie des Produits Chimiques et Charbons Actifs Edouard Urbain, Paris, France. Gas purifying material. 2,124,260; July 19.
Postlewait, Clifford G., Oak Park, Ill. Embalming apparatus. 2,124,121; July 19.
Powell, Zella, et al. (See Holland, Hal B., assignor.)
Praytor, Nora L., Birmingham, Ala. Hair drying shield. 2,124,431; July 19.
Prest-O-Lite Storage Battery Corporation. (See Hopkins, Mark A., assignor.)
Princeton, Inc. (See Fleisher, Harry, assignor.)
Prindle, Karl E., Shaker Heights, assignor to The Dobeckmun Company, Cleveland, Ohio. Decorative material. 2,124,210; July 19.
Procter & Gamble Company. (See Coith, H. S., Richardson, and Votaw, assignors.)
Pyridium Corporation. (See Tisza, Edmond T., assignor.)
Quaedvlieg, Matthias. (See Brodersen K., and Quaedvlieg.)
Quaedvlieg, Matthias. (See Brodersen, K., Quaedvlieg, Schneider, and Gensel.)
Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Loudspeaker. 2,124,338; July 19.
Quam-Nichols Company. (See Quam, James P., assignor.)
Radio Corporation of America. (See Albright, J. E., and Carlson, assignors.)
Radio Corporation of America. (See Artzt, Maurice, assignor.)
Radio Corporation of America. (See Bedford, Alda V., assignor.)
Radio Corporation of America. (See Conklin, J. W., and Hansell, assignors.)
Radio Corporation of America. (See Douden, William L., assignor.)
Radio Corporation of America. (See Eddison, C., and Widell, assignors.)
Radio Corporation of America. (See Guedon, Emile C., assignor.)
Radio Corporation of America. (See Jones, John T., assignor.)
Radio Corporation of America. (See Orth, Richard T., assignor.)
Radio Corporation of America. (See Roberts, Walter V., assignor.)
Radio Corporation of America. (See Rust, Noël M., assignor.)
Radio Corporation of America. (See Tolson, William A., assignor.)
Radio Corporation of America. (See Vance, Arthur W., assignor.)
Ragsdale, John B., Whittier, and R. G. Goodwin, Fullerton, assignors to Globe Oil Tools Company, Los Nietos, Calif. Method useful in the manufacture of tools and the like. 2,124,236; July 19.
Railley Corporation. (See Hildebrand, Otto G., assignor.)

Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,124,122; July 19.
Ralph, Sydney J., Point Pleasant, Wandsworth, London, assignor to The Aluminum Plant and Vessell Company Limited, Wandsworth, England. Manufacture of electrodes. 2,124,261; July 19.
Rauen, Carl F. (See Rauen, John T. and C. F.)
Rauen, John T. and C. F., Grosse Pointe, Mich. Engine brake. 2,124,081; July 19.
Rayton, Wilbur B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic objective. 2,124,356; July 19.
Redhead, William R., Oswego, Oreg., assignor to The Hardie Manufacturing Company, Hudson, Mich. Tandem wheel truck. 2,124,149; July 19.
Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,123,964; July 19.
Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit. 2,123,965; July 19.
Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit. 2,123,966; July 19.
Rees, William H., Berkeley, assignor to El Dorado Oil Works, San Francisco, Calif. Producing glycerine and fatty acids. 2,124,168; July 19.
Reichhold Chemicals. (See Hönel, H., and Zinke, assignors.)
Reichhold, Helmuth. (See Hönel, H., and Zinke, assignors.)
Reifer, George M., Rochester, assignor to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,124,082; July 19.
Reimuller, Caryl L. (See Berry, E. G., and Reimuller.)
Reliance Steel Products Company. (See McAfoos, Lawrence R., assignor.)
Remington Arms Company. (See Whipple, Ernest G., assignor.)
Remington Rand Inc. (See Braun, Karl J., assignor.)
Remington Rand Inc. (See Lasker, William W., assignor.)
Remington Rand Inc. (See Lasker, W. W., and Ruiz, assignor.)
Remington Rand Inc. (See Zaengle, George J., assignor.)
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio., trustee. Pneumatic cleaner. 2,123,912; July 19.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio., trustee. Dust collecting device for pneumatic cleaners. 2,123,913; July 19.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio., trustee. Pneumatic cleaner. 2,123,914; July 19.
Republic Steel Corporation. (See Delany, Albanus G., assignor.)
Reukauf, Edward, Jr., assignor to Carey-McFall Co., Philadelphia, Pa. Rope sheave for Venetian blinds. 2,124,470; July 19.
Ricchiardi, Pier C., Paris, France. Method and device for recording sound. 2,124,150; July 19.
Richards, Francis H., Inc. (See Atti, Raphael, assignor.)
Richardson, Albert S. (See Coith, H. S., Richardson, and Yotaw.)
Richter, Ted W., Chicago, Ill. Roof edge construction. 2,123,967; July 19.
Riddell, Fred P., Superior, Wis. Ejector fork. 2,124,313; July 19.
Ridge, Herman D., Scarsdale, N. Y., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Scale and indicator operating means therefor. 2,124,357; July 19.
Ritchie, David M. (See Schoepf, T. H., and Ritchie.)
Rittener, Agnès, born Collins, Paris, France. Hat retainer. 2,124,471; July 19.
Robb, Charles E., Rock Island, Ill. Humidifier. 2,124,510; July 19.
Roberts, Charlie R., Canton, S. D. Attachment for corn cultivators or the like. 2,124,472; July 19.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Combined amplification and tuning controls. 2,124,211; July 19.
Robison, Russel, San Francisco, and G. H. Mosel, Burlingame, Calif. Bracket jack. 2,124,314; July 19.
Rodler, Arthur W., Davenport, Iowa. Cartridge feeding mechanism. 2,123,915; July 19.
Rohm & Haas Company. (See Heckert, L. C., and Peet, assignors.)
Rohrbach, Adolf, Berlin-Wilmersdorf, Germany, assignor to Rohrbach Patents Corporation, Dover, Del. Aircraft. 2,123,916; July 19.
Rohrbach Patents Corporation. (See Rohrbach, Adolf, assignor.)
Róna, Josef, Budapest, Hungary. Printing apparatus. 2,124,376; July 19.
Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power supply system. 2,123,968; July 19.
Rosen, David, assignor to H. L. Davidson, Minneapolis, Minn. Hookless or zipper fastener. 2,124,448; July 19.
Rosenblatt, Samuel, New York, N. Y. Clothing. 2,123,969; July 19.
Rosengarten, Mitchell G., Philadelphia, Pa. Golf practice mat or the like. 2,124,123; July 19.
Ross, Maurice W., Niles Center, and E. D. Tillson, Evanston, Ill. Lighting fixture. 2,124,432; July 19.
Ross, Oscar A., New York, N. Y. Method and apparatus for recording sound. 2,124,473; July 19.
Roth, Ernst, assignor to the firm Gebrüder Bühler, Uzwil, Switzerland. Roller brush for roller mills. 2,124,008; July 19.
Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,124,151; July 19.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Safety switch. 2,124,275; July 19.
Rowe, S. K. (See Buttschau, Esther M., assignor.)
Ruch, Clarence E. (See Walters, R. E., and Ruch.)
Ruiz, Charles. (See Lasker, W. W., and Ruiz.)
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Radio receiver. 2,124,212; July 19.
Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Polyvinyl acetal resin plastic. 2,124,315; July 19.
Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Fuse panel. 2,124,083; July 19.
Safety Vulcanizer Company. (See Grange, Leo O., assignor.)
Saks, Ira. (See Spase, Charles B., assignor.)
Salembier, Maurice A., Jr., Plandome, N. Y. Throwing silk. 2,123,970; July 19.
Salembier, Maurice A., Jr., Plandome, N. Y. Hosiery. 2,123,971; July 19.
Salm, John, Torrance, Calif. Fish lure. 2,124,152; July 19.
Samuelson, Frans G., O. H. Jonson, and K. J. H. Engdahl, assignors to Wargöns Aktiebolag, Wargon, Sweden. Producing metals and alloys poor in carbon and silicon. 2,123,262; July 19.
Sangamo Electric Company. (See Hamil, Ret O., assignor.)
Sangamo Electric Company. (See Wilmeth, Roscoe H., assignor.)
Sauereisen, Christian F., Aspinwall, Pa. Building block and structure formed therefrom. 2,124,084; July 19.
Savage Arms Corporation. (See Hester, Harry W., assignor.)
Schackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Intermittent gearing. 2,124,213; July 19.
Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender shield. 2,124,041; July 19.
Schellens, Christopher A., Marblehead, Mass., assignor to C-S Engineering Company, Englewood, N. J. Steam turbine and speed controlling mechanism therefor. 2,124,339; July 19.
Scheyer, Heinz, Frankfort-on-the-Main, and E. Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, New York, N. Y. Producing condensation products of the anthraquinone series. 2,124,237; July 19.
Scheyer, Heinz, Frankfort-on-the-Main, and E. Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing pyridino-anthraquinone derivatives and products thereof. 2,124,238; July 19.
Schirmer, Waldo P., Cleveland, Ohio. Rotary pump. 2,124,377; July 19.
Schmidt, Freidrich, Berlin-Karlshorst, Germany, assignor to General Electric Company. Motor-compressor arrangement. 2,124,433; July 19.
Schmitz, Fred A., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Filing drawer. 2,124,511; July 19.
Schneider, Albert. (See Brodersen, K., Quaedvlieg, Schneider, and Gensel.)
Schneider, Karl, Lexington, Ky. Column switch for electric lamps. 2,124,009; July 19.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Method and apparatus for maintaining adjacent railway cars on a level plane. 2,124,124; July 19.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Braking and traction control. 2,124,125; July 19.
Scholtes, Albert J., Baltimore, Md. Flashlight. 2,124,153; July 19.
Scholtes, Albert J., Baltimore, Md. Quick interlocking duplicate end hose coupling. 2,124,474; July 19.
Schönfeld, Paul, Chemnitz, Germany. Warp fabric. 2,124,316; July 19.
Schott, John, Archbald, Pa. Fishhook. 2,124,263; July 19.
Schreiber-Gastell, Richard. (See Formhals, Anton, assignor.)
Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television scanning system. 2,124,404; July 19.
Schroeder, Hubert. (See Struk, W., and Schroeder.)
Schubert, Georg, assignor to the firm Fernsch Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Continuous film treating device. 2,124,085; July 19.

Schwamberger, Emil. (See Scheyer, H., and Schwamberger.)
Schweickart, William M., Ramsey, N. J., assignor to H. M. Brooks, New York, N. Y., W. T. Gardiner, Boston, Mass., and J. H. Nissley, Manheim, Pa., as trustee. Stoker. 2,124,317; July 19.
Scott, George R., Norfolk, Va., assignor, by mesne assignments, to Michigan Tool Company. Cutting tool. 2,124,126; July 19.
Seidelbach, Rudolf, Berlin-Mariendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Broadcast system. 2,124,318; July 19.
Seroy, John, Stockton, Calif. Screen unit for ball mills. 2,124,127; July 19.
Servel, Inc. (See Anderson, Sven W. E., assignor.)
Shapiro, Henry, assignor of one-half to S. J. Becker, Philadelphia, Pa. Liquid dispensing apparatus. 2,124,214; July 19.
Shaver, Archibald G., Chicago, Ill. System for operating trains. 2,124,449; July 19.
Shaver, Archibald G., Chicago, Ill. Train telephone system for simultaneous communications. 2,124,450; July 19.
Shaver, Archibald G., Chicago, Ill. Train operating system. 2,124,451; July 19.
Shaver, Archibald G., Chicago, Ill. Railway train operating and dispatching system. 2,124,452; July 19.
Shaver, Archibald G., Chicago, Ill. Ssystem for operating trains. 2,124,453; July 19.
Shea, Gerald B., et al. (See Miller, Harold C., assignor.)
Sheafe Engineering Company. (See Sheafe, James S., assignor.)
Sheafe, James S., Casa Grande, Ariz., assignor to Sheafe Engineering Company, Inc., Chicago, Ill. Oil burner. 2,124,169; July 19.
Sheet Polarizer Company. (See Land, Edwin H., assignor.)
Sheppard, C. E., Co., The. (See Newall, Arthur T., assignor.)
Sherman, Charles W., assignor to himself and Leo C. Waible, Boston, Mass. Door structure. 2,124,170; July 19.
Shields, William R., assignor to Hi-Production Wheel Corporation, Detroit, Mich. Protecting hood. 2,124,042; June 19.
Siegel, Eugene, assignor to American Lady Corset Company, Detroit, Mich. Garment. 2,124,405; July 19.
Siekmann, Harold J. (See Groene, W. F., Bacon and Siekmann.)
Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
Simonson, Sigvard, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,124,264; July 19.
Simpson, Melvin M., Sidney, Nebr. Weeder. 2,123,972; July 19.
Sinnott, Clarence C., San Clemente, Calif. Golf bag carrier. 2,124,265; July 19.
Sipp-Eastwood Corporation. (See Klein, F., and Uhlig, assignors.)
Slane, John, San Antonio, Tex. Heater. 2,124,434; July 19.
Slauson, Harold W., Scarsdale, N. Y. Safety device for marine power plants. 2,124,497; July 19.
Slidell, Kemper, Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Sound absorbing construction. 2,124,086; July 19.
Smidth, F. L., & Company. (See Vogel-Jorgensen, Mikael, assignor.)
Smith, Archibald L., and F. E. McGovern, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Screen chute. 2,124,475; July 19.
Smythe, George J., near Dayton, Ohio. Race game apparatus. 2,124,456; July 19.
Smith, Dan, Liberal, Kans. Adjustable self-centering drawbar. 2,124,043; July 19.
Smith, Frank M., assignor, by mesne assignments, to Stout Motor Car Corporation, Dearborn, Mich. Shock strut. 2,124,087; July 19.
Smith, Horace L., Jr., and L. N. Jones, assignors to Thermal Engineering Corporation, Richmond, Va. Apparatus for treating canned materials. 2,124,010; July 19.
Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Drying process. 2,124,012; July 19.
Smith, John C., Beaver, Pa., assignor to Solar Laboratories. Apparatus for stenciling. 2,124,011; July 19.
Smith, L. C., & Corona Typewriters, Inc. (See Gabrielson, Carl, assignor.)
Smith, Norman B., Providence, R. I. Garment hanger. 2,123,973; July 19.
Smith Paper, Inc. (See Packard, Roland A., assignor.)
Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,124,239; July 19.
Smith, William H., Rochester, N. Y. Paper fastener. 2,123,974; July 19.
Smith, William L., Jr. (See Lawson, R. H., and Smith.)
Société Bronzavia. (See Méjean, Jacques G., assignor.)
Society of Chemical Industry in Basle. (See Koch, J., and Bommer, assignors.)
Soelch, George F. (See Ladewig, A. E., and Soelch.)
Solar Laboratories. (See Smith, John C., assignor.)
Soller, Arnold. (See Luckey, G. P., and Soller.)
Solvay Process Company, The. (See DeRewal, Frank J., assignor.)
Sovincz, Louis, Los Angeles, Calif. Drill puller. 2,124,154; July 19.
Sowter, Percy F. C. (See Dickie, W. A., and Sowter.)
Sparling, Wyndham E., and R. K. Wilson, assignors to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio. Overhead traveling conveyer. 2,123,917; July 19.
Spase, Charles B., Syracuse, N. Y., assignor to Ira Saks, Cleveland, Ohio. Clutch plate. 2,124,013; July 19.
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle housing and forming same. 2,124,406; July 19.
Speller, Frank N., Pittsburgh, Pa., assignor to National Tube Company. Making galvanized ferrous pipe. 2,124,520; July 19.
Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
Spiewak, Ignace J., New York, N. Y. Steel wool holder. 2,124,476; July 19.
Standard Corset Company. (See Allis, Robert T., assignor.)
Standard Oil Company of California. (See Nutt, Donald B., assignor.)
Standerwick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Elastic fluid engine control. 2,124,435; July 19.
Stansel, Numan R., Schenectady, N. Y., assignor to General Electric Company. Electric furnace regulator system. 2,124,436; July 19.
Start, Ernest. (See Start, Harry W., and E.)
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight bar knitting machine. 2,123,868; July 19.
Steger, Werner H., Chicago, Ill. Artificial bait. 2,124,378; July 19.
Steigenberger, Friedrich, Ulm, Germany. Connection for straps, chains or the like. 2,124,276; July 19.
Stein, Edward H., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,124,319; July 19.
Steinbacher, Karl, Portsmouth, Ohio. Blast furnace and tuyère structure and method of operation. 2,124,437; July 19.
Stiles, Thomas G., Arlington, N. J. Circuit switch. 2,124,379; July 19.
Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Superheater boiler. 2,124,215; July 19.
Stone, Albert L. (See Stone, Frederick and A. L.)
Stone, Frederick, Los Angeles, and A. L. Stone, Redondo Beach, assignors to Hydril Company, Los Angeles, Calif. Packing head. 2,124,015; July 19.
Stone, Roy, International Falls, and H. Jackson, Holler, Minn. Automobile signal. 2,124,016; July 19.
Story, Leroy G., Beacon, assignor to The Texas Company, New York, N. Y. Motor fuels. 2,124,171; July 19.
Stout Motor Car Corporation. (See Smith, Frank M., assignor.)
Stout Motor Car Corporation. (See Stout, William B., assignor.)
Stout, William B., Detroit, assignor, by mesne assignments, to Stout Motor Car Corporation, Dearborn, Mich. Engine mounting. 2,124,088; July 19.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Trash guide for plows. 2,124,128; July 19.
Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Gauge. 2,124,014; July 19.
Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Auxiliary exhaust valve. 2,124,407; July 19.
Struk, Wilhelm, Essen, and H. Schroeder, Essen-Steele, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y.. Soldered article or machine part. 2,124,438; July 19.
Stuerzl, Henry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Illuminated speedometer. 2,124,089; July 19.
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Osgood, R. C., and Currier, assignors.)
Sunshine, Herbert S., Union City, N. J., assignor to Epiphone, Inc., New York, N. Y. Tailpiece for stringed musical instruments. 2,124,439; July 19.
Swank Products, Inc. (See Baer, Lawrence E., assignor.)
Swensen, Emil F., Manitowoc, Wis., assignor to Paragon Electric Company, Chicago, Ill. Timing instrument. 2,124,045; July 19.
Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,124,498; July 19.
Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Supply holder. 2,124,499; July 19.
Tallberg, Elner M., assignor to Michigan Die-Casting Company, Detroit, Mich. Sign. 2,124,440; July 19.
Talon, Inc. (See Peterson, Burleigh B., assignor.)
Tarment, John H., Foxboro, Mass. Incinerator. 2,124,320; July 19.
Taylor, Waldo E., Randolph Field, Tex. Display case and dispenser of canned and packaged supplies. 2,124,500; July 19.

Taylor-Wharton Iron & Steel Company. (See Hanks, George R., assignor.)
Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Machine for making frozen confections. 2,124,387; July 19.
Taylor, William I. (See Dreyfus, H., and Taylor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Geiger, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
Tessky, Karl, Esslingen-on-the-Necker, Germany. Lathe. 2,124,216; July 19.
Texas Company, The. (See Dearborn, Richard J., assignor.)
Texas Company, The. (See Detwiler, James G., assignor.)
Texas Company, The. (See Gauss, Philip W., assignor.)
Texas Company, The. (See Story, Leroy G., assignor.)
Thaete, William L., Trenton, Utah. Faucet. 2,124,155; July 19.
Thermal Engineering Corporation. (See Smith, H. L., Jr., and Jones, assignors.)
Thermal Engineering Corporation. (See Smith, Horace L., Jr., assignor.)
Therolf, Harold L., assignor to Eason & Therolf Tool Company, Los Nietos, Calif. Joint breaker. 2,124,129; July 19.
Thiemann, William B., Albert City, Iowa. Tractor construction. 2,123,975; July 19.
Thoeny, Anton R., La Crosse, Wis. Meat platter clamp. 2,124,477; July 19.
Thompson Products Incorporated. (See Hufferd, George H., assignor.)
Thorp, James M., Alameda, Calif. Solar window. 2,124,240; July 19.
Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Vehicular tank structure. 2,124,441; July 19.
Tillson, Edwin D. (See Ross, M. W., and Tillson.)
Tisza, Edmond T., Yonkers, N. Y., assignor to Pyridium Corporation. Preparation of antiseptics for internal use. 2,124,321; July 19.
Toledo Scale Manufacturing Company. (See Ridge, Herman D., assignor.)
Torbert, John E., Jr., National City, Calif. Junction box. 2,124,156; July 19.
Tolson, William A., Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television system. 2,124,478; July 19.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film pull-down mechanism. 2,124,322; July 19.
Tournay-Hinde, Arthur W., Sydney, New South Wales, assignor to Animated Slides Limited, Canberra, Australia. Lantern slide dissolving view projector. 2,124,090; July 19.
Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
Trautmann, Otto E. (See Cook, A. A., and Trautmann.)
Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Field glass. 2,124,157; July 19.
Truesdell, Francis W., Saugus, D. G. Cameron, Lynn, and W. S. Whyte, Swampscott, Mass., assignors to General Electric Company. Time switch. 2,124,442; July 19.
Trumbull Electric Manufacturing Company, The. (See Anderson, W. C., and Carlson, assignors.)
Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,124,277; July 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,124,278; July 19.
Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
Turner, Douglas F., Detroit, Mich. Knee pad. 2,124,158; July 19.
Twin Coach Company. (See Fageol, William B., assignor.)
Uhlig, Henry. (See Klein, F., and Uhlig.)
Underpinning & Foundation Co. (See Raisch, William, assignor.)
Undertakers Supply Company. (See Lohberg, Louis M., assignor.)
Uherek, Charles A. (See Borgerd, W. F., McCune, and Uherek.)
Union Carbide and Carbon Corporation. (See Burgess, Charles O., assignor.)
Union Carbide and Carbon Corporation. (See Vaughn, Thomas H., assignor.)
Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
Union Switch & Signal Company, The. (See Allison, Leslie R., assignor.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
United Aircraft Corporation. (See Martin, Erle, assignor.)
United Shoe Machinery Corporation. (See Batchelder, Clifton T., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
Unitype Engineering Company. (See Piersen, E. H., and Anderson, assignors.)
Universal Generators Corporation. (See Carroll, Manly E., assignor.)
Universal Winding Company. (See Swanson, Ernest R., assignor.)
Van Antwerp, George S., Norristown, Pa. Pole switch. 2,123,976; July 19.
Van Benschoten, Lucius D., assignor to The Berlin Fruit Box Company, Berlin Heights, Ohio. Packing receptacle for filled article containers. 2,124,217; July 19.
Vance, Arthur W., Philadelphia, Pa., assignor to Radio Corporation of America. Electrical apparatus. 2,124,044; July 19.
Vancura, Frank, Pittsburgh, Pa. Instrument of precision. 2,124,358; July 19.
Van Derveer, Clarence A. (See Duvall, W. A., and Van Derveer.)
Van Deventer, Albert G., South Pasadena, Calif. Smoking implement. 2,124,130; July 19.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel. 2,124,279; July 19.
Vandiver, James C., assignor of forty-nine per cent to R. L. Knie, El Paso, Tex. Ventilated toilet seat. 2,124,017; July 19.
Vannotti, Franco. (See Krebser, A., and Vannotti.)
Vaughn, Thomas H., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Manufacture of diiodoacetylene. 2,124,218; July 19.
Velvet Power Brake Company. (See Brown, Jesse B., assignor.)
Vincent, James A., Providence, R. I. Battery condition indicator. 2,124,266; July 19.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Conveyer control. 2,124,018; July 19.
Von Buddenbrock, Rudolf F. (See Haack, E., and von Buddenbrock, assignors.)
Voss, Johann H., White Plains, N. Y. Ring plate valve. 2,124,323; July 19.
Votaw, Verling M. (See Coith, H. S., Richardson, and Votaw.)
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus for the fabrication of glass articles. 2,124,091; July 19.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for feeding thermoplastic material. 2,124,092; July 19.
Wagner Electric Corporation. (See Stroup, Fred H., assignor.)
Wagner, Walter C., Ardmore, Pa. Cumulative demand meter. 2,123,977; July 19.
Wagner, Walter C., Ardmore, Pa. Fluid meter. 2,123,978; July 19.
Waible, Leo C. (See Sherman, Charles W., assignor.)
Waibler, Johannes, assignor to C. Janzer, Stuttgart, Germany. Driving gear for continuous working photographic copying machines. 2,124,267; July 19.
Walker, Robert T., assignor to Zonolite Corporation of Michigan, Detroit, Mich. Insulating package. 2,123,869; July 19.
Walters, Ray E., and C. E. Ruch, Nappanee, Ind. Tire pressure indicator. 2,124,380; July 19.
Ward, Marshall H., Southport, assignor to Bridgeport Thermostat Company, Incorporated, Bridgeport, Conn. Thermostatic valve construction. 2,123,979; July 19.
Wargöns Aktienolag. (See Samuelson, F. G., Jonson, and Engdahl, assignors.)
Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
Warwick, Harold L., Fort Worth, Tex., assignor to G. M. Basford Company, New York, N. Y. Therapeutic treatment. 2,123,980; July 19.
Watts, Thomas W. (See Buchanan, J. R., and Watts.)
Wayland, Edwin M., Covesville, Va. Means for drying fruit. 2,124,381; July 19.
Weeks, Walter E., Baltimore, Md. Package. 2,124,324; July 19.
Wehmer, Bruno, Chicago, Ill. Eyebrow plucker. 2,123,870; July 19.
Weir, James W., et al. (See Miller, Harold C., assignor.)
Weisgerber, Edwin C. R., assignor to J. R. Pemberton, Los Angeles, Calif. Stopcock. 2,124,359; July 19.
Weishaupt, Ernest F., assignor to Bahr Starting Gate Corporation, Chicago, Ill. Starting gate. 2,124,325; July 19.
Weiss, Henry G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Lighting arrangement for sound reproduction. 2,123,871; July 19.
Weiss, John M., New York, and C. R. Downs, Yonkers, assignors to Bakelite Corporation, New York, N. Y. Manufacture of formaldehyde. 2,124,388; July 19.
Wells, Frank O., Greenfield, Mass., assignor to C. E. Adams, Pawtucket, R. I. Grinding machine. 2,124,093; July 19.
Welty, George D., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston and method of making. 2,124,360; July 19.
Wenzel, Albert W., Irvington, N. J. Packing ring. 2,124,094; July 19.

Werner, Robert. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
Wesco Machinery Manufacturing Co. (See Brady, Frank W., assignor.)
Westvaco Chlorine Products Corporation. (See Mastin, Marion G., assignor.)
Weyde, Edith, Cologne-Niehl, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Increasing the brilliancy of photographic pictures, and composition therefor. 2,124,159; July 19.
Whaley, William E., Overton, Tex., assignor to A. G. Blanchard, Shreveport, La. Gauge cock. 2,124,382; July 19.
Wheeler, Harley T., Dallas, Tex. Annular accordion packing ring. 2,124,095; July 19.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine belt feed control. 2,124,219; July 19.
Wheeler, Walter H., Jr., and J. W. Ogden, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Postage meter machine. 2,124,383; July 19.
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Code setting device for signal systems. 2,124,160; July 19.
Whipple, Ernest G., Stratford, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,123,981; July 19.
Whitaker, Uncas A., Canton, assignor to The Hoover Company, North Canton, Ohio. Bearing. 2,124,479; July 19.
White, Morris C., San Francisco, Calif. Fluid gauge. 2,124,096; July 19.
Whiteley, Robert H., Oak Park, Ill., assignor to R. H. Whiteley, Trustee. Self-lubricating bearing. 2,123,872; July 19.
Whiteley, Robert H., trustee. (See Whiteley, Robert H., assignor.)
Whyte, Wilfrid S. (See Truesdell, F. W., Cameron, and Whyte.)
Wickham, Alfred. (See Nichols, Charles H., assignor.)
Widell, Emil G. (See Eddison, C., and Widell.)
Wilbur, Ralph H. (See Lane, J. D., and Wilbur.)
Wildes, George F., Pittsburgh, and C. C. Gasparin, Millvale, Pa. Tear gas gun. 2,124,172; July 19.
Wildman Mfg. Co. (See Howie, Kenneth, assignor.)
Wiles, Everett R., Barnsdall, Okla. Making waxes. 2,123,982; July 19.
Wiley, Lee M., Marion, Ind., assignor to Delta Electric Company. Bicycle lamp. 2,124,222; July 19.
Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,124,326; July 19.
Williams, Clinton F., and H. Gruner, assignors to Williams Iron Works Company, Tonkawa, Okla. Deep well drill bit. 2,124,521; July 19.
Williams, Frank W. (See Kittredge, H. G., and Williams.)
Williams, Harry M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,124,268; July 19.
Williams Iron Works Company. (See Williams, C. F., and Gruner, assignors.)
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Revolving seat. 2,124,501; July 19.
Wilmeth, Roscoe H., assignor to Sangamo Electric Company, Springfield, Ill. Electric clock. 2,124,019; July 19.
Wilson & Co. (See Gaarder, Herbert M., assignor.)
Wilson, Fred R. (See Lewis, H. A., and Wilson.)
Wilson, Mercer D., Phoenix, Ariz. Crossing signal. 2,124,480; July 19.
Wilson, Raymond K. (See Sperling, W. E., and Wilson.)
Winston, Roger G., Victor, Colo. Sheet holder for mops and the like. 2,124,220; July 19.
Winthrop Chemical Company. (See Bockmühl, M., Dörzbach, and Persch, assignors.)
Wirth, Roy T., East Cleveland, Ohio. Metal alloy. 2,124,020; July 19.
Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Mechanic's creeper. 2,124,389; July 19.
Wolff, Paul, and F. Heim, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs and preparing them. 2,123,918; July 19.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,124,097; July 19.
Wolstenholme, Harry F., Paterson, N. J. Rotary internal combustion engine. 2,124,327; July 19.
Womeldorff, Marion. (See Allen, P. A., and Womeldorff.)
Wood, Abram H., White Hall, Md. Fluid brake. 2,124,173; July 19.
Wood, Amos L. (See Duff, E. E., and Wood.)
Wood, Gar. (See Gray, Edward, assignor.)
Woodall Industries Incorporated. (See Cunnington, George R., assignor.)
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery charge indicating means. 2,124,174; July 19.
Woodbury, Clifford A. (See Lewis, H. A., and Woodbury.)
Wotring, Gaylord H., Scotia, N. Y., assignor to General Electric Company. Regulating nozzle. 2,124,443; July 19.
Wuerthner, Julius J. (See Lyman, Theodore R., assignor.)
Wyeth, Charles A. (See Mitchell, D., and Wyeth.)
Yartz, John, Wilkes-Barre, Pa. Tie clamp. 2,124,502; July 19.
Yoshinaka, Seichi., Mesa, Wash. Adjustable oil burner for gardens and orchards. 2,124,328; July 19.
Young Radiator Company. (See Folsom, Robert H., assignor.)
Younger, John E., Berkeley, Calif. Dampening device. 2,124,098; July 19.
Zaengle, George J., Kenmore, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,124,223; July 19.
Zagrzejewski, Stanley, Chicago, Ill. Door lock. 2,124,099; July 19.
Zahodiakin, Victor F., New York, N. Y. Air insulated valve and guide for internal combustion engines. 2,124,362; July 19.
Zeiss, Carl, The firm. (See Burckhardt, Max, assignor.)
Zeiss, Carl, The firm. (See Herrmann, Carl, assignor.)
Zeiss, Carl, The firm. (See Huber, Sylvester, assignor.)
Zimmerman, Fred R., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring heating machine. 2,124,329; July 19.
Zink, John S., Tulsa, Okla. Combination burner. 2,124,175; July 19.
Zinke, Alois. (See Hönel, H., and Zinke.)
Zonite Products Corporation. (See Heidbrock, William, assignor.)
Zonolite Corporation of Michigan. (See Walker, Robert T., assignor.)
Zweig, Henry. (See Zweig, Herman and H.)
Zweig, Herman, and H. Zweig, New York, N. Y. Garment shortening apparatus. 2,123,873; July 19.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 19TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Air cooling apparatus. J. Q. Sherman. Re. 20,804; July 19.

Alloy, Ferrous. R. S. Dean. Re. 20,800; July 19.

Brake, Pneumatic. E. G. McCauley. Re. 20,803; July 19.

Device for grinding and sharpening razor blades. F. Souczek. Re. 20,805; July 19.

Material impregnated with cellulose regenerated from viscose or other cellulosic solutions, Apparatus for the production and manufacture of. A. H. Kilner. Re. 20,802; July 19.

Necktie. N. Gold. Re. 20,806; July 19.

Torque loading lash adjusting device for friction roller transmissions. W. D. Gove and J. Dolza. Re. 20,801; July 19.

LIST OF DESIGN INVENTIONS

Advertising display device, Illuminated. H. O. Sperry. 110,590; July 19.

Airship. S. T. Rogers. 110,572–4; July 19.

Amusement tower. J. B. Strauss. 110,577; July 19.

Barometer. H. C. Nightingale. 110,549; July 19.

Bowl, Shaving. F. N. Lewis. 110,586; July 19.

Bracelet chain. L. Garfinkel. 110,568; July 19.

Bracket, Range finder. L. Hartman. 110,582; July 19.

Brooch or the like. O. J. Agnini and M. C. Granville. 110,532–5; July 19.

Brooch or the like. O. J. Agnini and M. C. Granville. 110,557–8; July 19.

Brush or similar article, Dental plate. L. D. Laird. 110,570; July 19.

Buffet or similar article. W. J. Hickerson. 110,541–4; July 19.

Cabinet, Grease. R. K. McCoy. 110,571; July 19.

Case, Wrist watch. H. Bentler. 110,578; July 19.

Chair. W. J. Hickerson. 110,545–7; July 19.

Chair or similar article. G. D. Wood. 110,556; July 19.

Coat. S. Prestyly. 110,588–9; July 19.

Container closure. R. Bernhardt. 110,559; July 19.

Dress. E. Fischer. 110,596; July 19.

Dress. H. Jerome. 110,584; July 19.

Dress. E. Jocell. 110,597–8; July 19.

Dress. C. Kawaller. 110,585; July 19.

Dress. M. Wagner. 110,605–6; July 19.

Dress ensemble. E. M. Ciccone. 110,594; July 19.

Dress ensemble. M. Michelson. 110,601; July 19.

Fabric or similar article, Textile. A. Clemente. 110,595; July 19.

Fabric, Textile. J. Antkies. 110,592–3; July 19.

Fabric, Textile. J. G. Donadieu. 110,607; July 19.

Fan or similar article. A. Fingerhut. 110,539; July 19.

Fishing float. C. D. Myers. 110,587; July 19.

Flowerpot, wreath, and flag holder, Combined. S. M. Smith. 110,551–2; July 19.

Glass, Drinking. J. E. Spence. 110,553; July 19.

Glider. A. S. Goldberg. 110,560; July 19.

Glider or similar article, Porch. N. Hurwitz. 110,563–4; July 19.

Handbag. I. Pichel. 110,602–3; July 19.

Handbag frame. J. Green. 110,581; July 19.

Holder, Combined tooth brush and tumbler. G. A. Hallenscheid. 110,562; July 19.

Jar. J. Emerit. 110,566; July 19.

Mixer or similar article, Food. D. Chapman. 110,579; July 19.

Negligee. E. E. Stricker. 110,604; July 19.

Plate or similar article. P. S. Donchian. 110,538; July 19.

Play raft, Child's. G. A. Grant and W. F. Le Moine. 110,540; July 19.

Receptacle, match holder and ash tray, Combined cigarette. G. Goughnour. 110,565; July 19.

Register, Autographic. R. D. Budlong. 110,536; July 19.

Saw handle. A. C. Ferguson. 110,567; July 19.

Shirt, Sweat. H. Charles. 110,580; July 19.

Shoe. R. Maling. 110,599–600; July 19.

Shoe. B. L. Wales. 110,554–5; July 19.

Shoe polishing device or similar article. F. W. Watson. 110,591; July 19.

Spoon. C. A. Joslin. 110,569; July 19.

Spoon or other article of flatware. L. V. M. Helander. 110,561; July 19.

Spoon or other article of flatware. A. G. Kintz. 110,548; July 19.

Sweater ensemble. S. Sheindelman. 110,575–6; July 19.

Table for ray treatments. W. F. Clark. 110,537; July 19.

Thread dispenser. C. Huber. 110,583; July 19.

Vending machine. A. E. Sandhaus. 110,550; July 19.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 19TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive article. R. P. Courtney. 2,123,055; July 19.

Abrasive wheel. E. Van der Pyl. 2,124,279; July 19.

Acids and their manufacture, 2-Naphtholsulphonic. A. Krebser and F. Vannotti. 2,124,070; July 19.

Adjustable back chair. W. A. Duvall and C. A. Van Derveer. 2,124,367; July 19.

Air conditioning. R. Ericson. 2,124,289; July 19.

Air conditioning. W. L. Fleisher. 2,124,291; July 19.

Air conditioning equipment. W. I. Christian. 2,124,137; July 19.

Air conditioning system. W. L. Fleisher. 2,124,290; July 19.

Air conditioning system with regenerative localized cooling. R. H. Folsom. 2,124,107; July 19.

Aircraft. A. Rohrbach. 2,123,916; July 19.

Aircraft construction. J. S. McDonnell, Jr., and D. M. Helwig. 2,124,003; July 19.

Air inlet device for internal combustion engines. M. Boettcher. 2,124,228; July 19.

Alloy: *See*—
Aluminum base alloy. Metal alloy.

Aluminum base alloy, Heat treated. E. F. Fischer. 2,123,886; July 19.

Amalgamator. H. W. Moir. 2,124,205; July 19.

Ammunition. E. G. Whipple. 2,123,981; July 19.

Amplification and tuning controls, Combined. W. V. Roberts. 2,124,211; July 19.

Amplifier, Direct-current. M. Artzt. 2,123,924; July 19.

Amusement device. C. W. Lamb. 2,124,199; July 19.

Animal snare trap. J. Oberle. 2,123,955; July 19.

Antenna system. L. M. Leeds. 2,124,424; July 19.

Antiseptics for internal use, Preparation of. E. T. Tisza. 2,124,321; July 19.

Apparatus for use in connection with bottles containing a gaseous fluid under pressure. J. G. Méjean. 2,124,493; July 19.

Applicator. W. Heidbrock. 2,124,065; July 19.

Arch support. J. Pell. 2,124,496; July 19.

Article of manufacture. D. C. Ellsworth. 2,123,883; July 19.

Article or machine part, Soldered. W. Struk, and H. Schroeder. 2,124,438; July 19.

Articles, Method and apparatus for felting fibrous. J. J. Blum. 2,124,103; July 19.

Arylides of hydroxy-ortho-carboxy-benzoncridones. M. Lange and T. Jacobs. 2,124,336; July 19.

Ash receiver and cigarette holder, Combination. C. A. Anderson. 2,124,481; July 19.

Automatic clutch. H. L. Pike. 2,123,911; July 19.

Automobile clutch. W. S. Wolfram. 2,124,097; July 19.

Automobile signal. R. Stone and H. Jackson. 2,124,016; July 19.

Axle housing and forming same. G. Spatta. 2,124,406; July 19.

Bacteria plate cabinet. M. C. Hoag. 2,124,250; July 19.

Bags, Process and machine for making. G. W. Poppe. 2,124,209; July 19.

Bait, Artificial. W. H. Steger. 2,124,378; July 19.

Base, Cam-type reversible car-seat. A. B. Bell. 2,123,927; July 19.

Battery charge indicating means, Storage. J. L. Woodbridge. 2,124,174; July 19.

Battery condition indicator. J. A. Vincent. 2,124,266; July 19.

Battery vent plug, Storage. M. A. Hopkins. 2,124,455; July 19.

Beam scanning dissector. P. T. Farnsworth. 2,124,057; July 19.

Bearing: *See*—
Self-lubricating bearing.

Bearing. U. A. Whitaker. 2,124,479; July 19.

Bearings, Making bronze faced. N. H. Gilman. 2,124,060; July 19.

Bearings, Manufacture of. J. Bate and M. Melhuish. 2,124,132; July 19.

Beer and dispensing same, Device for instantaneously cooling. S. Mezzapesa. 2,124,308; July 19.

Bicycle lamp. L. M. Wiley. 2,124,222; July 19.

Binder. C. D. Trussell. 2,124,277; July 19.

Binder, Loose leaf. A. T. Newell. 2,124,312; July 19.

Binder, Ring. C. D. Trussell. 2,124,278; July 19.

Binders, Loose leaf book. E. E. H. Behnke. 2,124,282; July 19.

Bit: *See*—
Well drill bit. Well drilling bit.

Blasting cap, Electric. W. C. Hunt. 2,123,996; July 19.

Block and structure formed therefrom. C. F. Sauerelsen. 2,124,084; July 19.

Bodies of glass, Molding hollow. B. Engels. 2,123,937; July 19.

Boiler: *See*—
Superheater boiler.

Boot. M. Murr, Jr. 2,124,310; July 19.

Borates, Fusing. F. A. Belk. 2,124,101; July 19.

Bottle washing machine. A. E. Ladewig and G. F. Soelch. 2,124,423; July 19.

Box: *See*—
Junction box. Vanity box.
Spear or arrow shaped box.

Bracket jack. R. Robison and G. H. Mosel. 2,124,314; July 19.

Brake: *See*—
Engine brake. Fluid brake.

Brake actuating and equalizing mechanism. H. P. Doud and L. H. Clary. 2,123,056; July 19.

Brake structure, Vacuum. J. B. Brown. 2,124,454; July 19.

Braking and traction control. T. H. Schoepf and D. M. Ritchie. 2,124,125; July 19.

Brick, Track grinding. T. Larsson. 2,124,273; July 19.

Broadcast system. R. Seidelbach. 2,124,318; July 19.

Broom, brush, and the like. W. Kraft. 2,124,197; July 19.

Brush equipped receptacle. J. Gannon. 2,124,058; July 19.

Brush for roller mills, Roller. E. Roth. 2,123,008; July 19.

Bucket, Dredge. G. R. Hanks. 2,124,517; July 19.

Buffing or polishing wheel. A. W. L'Hommedieu. 2,124,114; July 19.

Building construction. D. V. Nelson. 2,124,311; July 19.

Building construction and block therefor. J. W. Phillips. 2,124,430; July 19.

Building, Portable. N. S. Bellman. 2,124,242; July 19.

Building structure. E. H. Piersen and J. C. Anderson. 2,124,519; July 19.

Bundle, Bale tie. A. G. Delany. 2,124,271; July 19.

Burner: *See*—
Combination burner. Oil burner.
Garbage burner.

Burner for gardens and orchards, Adjustable oil. S. Yoshinaka. 2,124,328; July 19.

Cabinet: *See*—
Bacteria plate cabinet.

Cabinet for combination radio, phonograph, and microphone, Portable. L. A. Herzig. 2,124,194; July 19.

Calcium magnesium chloride, Treatment of. P. R. Martin. 2,124,233; July 19.

Call board for hotels, Electric. G. Johnson. 2,124,490; July 19.

Cam means. D. H. Montgomery. 2,124,167; July 19.

Camera and focusing means therefor, Photographic. A. C. Parlini. 2,124,468; July 19.

Camera diaphragm adjusting and indicating mechanism. L. Fränkel. 2,124,248; July 19.

Camera, Focusing. A. A. Cook and O. E. Trautmann. 2,124,161; July 19.

Camera with photoelectric exposure meter, Photographic. L. Goldhammer. 2,124,292; July 19.

Car construction. S. Simonson. 2,124,264; July 19.

Car loading apparatus, Freight. G. M. Reifer. 2,124,082; July 19.

Cars on a level plane, Method and apparatus for maintaining adjacent railway. T. H. Schoepf and D. M. Ritchie. 2,124,124; July 19.

Carbides of tantalum and like metals and producing the same. P. M. McKenna. 2,124,509; July 19.

Carburetor choke control mechanism. M. Brown. 2,124,504; July 19.

Card holder. E. R. Braun. 2,124,025; July 19.

Card table, Foldable. W. F. Peters. 2,124,007; July 19.

Carrier: *See*—
Golf bag carrier.

Cartridge feeding mechanism. A. W. Rodler. 2,123,915; July 19.

Case: *See*—
Cigarette case.

Case and dispenser of canned and packaged supplies, Display. W. E. Taylor. 2,124,500; July 19.

Casket support. L. M. Lohberg. 2,124,038; July 19.

Caster retainer. G. T. Gourley. 2,124,465; July 19.

Catch, Safety. F. A. Ballou, Jr. 2,123,985; July 19.

Cathode ray tube. L. F. Broadway. 2,124,270; July 19.

Cathode-ray tube. W. Heimann. 2,124,401; July 19.

Chair: *See*—
Adjustable back chair.

Chest. G. A. Loftin. 2,124,071; July 19.

Chisel apparatus, Power. T. T. Alkin. 2,124,024; July 19.

Chute, Screen. A. L. Smith and F. E. McGovern. 2,124,475; July 19.
Cigar box. C. G. Myers. 2,123,953; July 19.
Cigar machine belt feed control. H. H. Wheeler. 2,124,219; July 19.
Cigarette and like packing machine. J. Crighton. 2,124,187; July 19.
Cigarette case. H. G. Kittredge and F. W. Williams. 2,124,231; July 19.
Cigarette catcher. G. W. Gwinn and J. W. Leary. 2,124,397; July 19.
Circuit: *See*—
Track circuit.
Circuit breaker. W. H. Frank and J. A. Messing. 2,124,413; July 19.
Circuit for railroads, Track. F. X. Rees. 2,123,964; July 19.
Circuit switch. T. G. Stiles. 2,124,379; July 19.
Clamp: *See*—
Conveyer or cable clamp. Shoe beeling clamp.
Meat platter clamp. Tie clamp.
Clasp fastener for boots and other articles, Dust-, gas-, and waterproof sliding. A. F. Mulka. 2,124,206; July 19.
Clasp, Surgical. G. Goesrau. 2,123,890 July 19.
Cleaner: *See*—
Pneumatic cleaner.
Clinical-chirurgical-robe. A. F. De Lasarte. 2,124,366; July 19.
Clock, Electric. R. H. Wilmeth. 2,124,019; July 19.
Closure, Dispensing. J. E. Masbach and A. F. Driscoll. 2,123,905; July 19.
Clothing. S. Rosenblatt. 2,123,969; July 19.
Clutch: *See*—
Automatic clutch. Fluid operated clutch.
Automobile clutch.
Clutch disk. H. D. Geyer. 2,124,059; July 19.
Clutch plate. C. B. Spase. 2,124,013; July 19.
Cock, Gauge. W. E. Whaley. 2,124,382; July 19.
Code setting device for signal systems. J. H. Wheelock. 2,124,160; July 19.
Colors on bodies consisting of glass or other material, Applying luminescent. E. Germer. 2,123,939; July 19.
Combination burner. J. S. Zink. 2,124,175; July 19.
Compositions of matter. H. S. Coith, A. S. Richardson, and V. M. Votaw. 2,123,880; July 19.
Compositions of matter. M. Mueller-Cunradi, M. Otto, W. Daniel, and R. Werner. 2,124,235; July 19.
Condensation products of the anthraquinone series, Producing. H. Scheyer and E. Schwamberger. 2,124,237; July 19.
Conduit distribution system, Bus bar. W. C. Anderson and E. T. Carlson. 2,124,269; July 19.
Connecter: *See*—
Separable electrical connecter.
Connecter device, Multiple circuit. C. Neesen. 2,124,207; July 19.
Connection for straps, chains, or the like. F. Steigenberger. 2,124,276; July 19.
Container: *See*—
Poison container.
Container. O. B. Andrews. 2,124,409; July 19.
Container. A. Klein. 2,124,036; July 19.
Container. B. M. Williams. 2,124,326; July 19.
Container closure. J. E. Masbach and A. F. Driscoll. 2,123,906–7; July 19.
Containers, Method for icing. F. W. Brady. 2,123,878; July 19.
Control for internal combustion engines. W. H. McIntyre. 2,124,403; July 19.
Controlling apparatus for highway crossing signals. E. M. Allen. 2,124,046; July 19.
Conveyer control. M. Vogel-Jorgensen. 2,124,018; July 19.
Conveyer or cable clamp. C. G. Dellenbach. 2,124,485; July 19.
Cooling apparatus for automotive vehicles. W. B. Fageol. 2,123,991; July 19.
Core-electrodes, Production of. F. Leitner. 2,124,255; July 19.
Coupling: *See*—
Hose coupling. Pipe coupling.
Coupling and repair link. S. F. Gleason. 2,123,889; July 19.
Coupling device, Automatic. T. R. Lyman. 2,124,467; July 19.
Covers in open and closed positions, Holding range top. A. Moecker. 2,124,258; July 19.
Cream remover. R. G. Coates. 2,124,053; July 19.
Creeper, Mechanic's. F. C. Woelfer, Jr. 2,124,389; July 19.
Crossing signal. M. D. Wilson. 2,124,480; July 19.
Crystal oscillator receiving system. A. Bailey. 2,123,874; July 19.
Cultivator, Tractor. J. Pancheri. 2,124,005; July 19.
Cultivators or the like, Attachment for corn. C. R. Roberts. 2,124,472; July 19.
Cumulative demand meter. W. C. Wagner. 2,123,977; July 19.
Currents, Method and apparatus for amplifying and recording electrical. F. G. Paully. 2,124,208; July 19.
Cutting tool. G. R. Scott. 2,124,126; July 19.
Cyanide process. L. Klein. 2,124,421; July 19.
Cylinder for hydraulic braking systems, Master. W. A. Bertrand. 2,124,363; July 19.
Cylinder lock. R. K. Gray. 2,123,940; July 19.
Dampening device. J. E. Younger. 2,124,098; July 19.
Damper. J. and S. Corbman. 2,124,484; July 19.
Dampers, Device for adjusting and locking. J. J. Koch. 2,123,998; July 19.
Demodulation system in superheterodyne receiver. M. Geiger. 2,124,191; July 19.
Dial test indicator. J. W. Parker. 2,124,006; July 19.
Dilodoacetylene, Manufacture of. T. H. Vaughn. 2,124,218; July 19.
Dishes, Method and apparatus for washing. J. L. Clough. 2,124,052; July 19.
Dispensing apparatus. N. A. Maclean and H. J. Maclean. 2,124,073; July 19.
Display device, Activated. L. J. Carriveau. 2,123,932; July 19.
Doll house assembly. D. T. Patten. 2,124,352; July 19.
Door: *See*—
Furnace door.
Door construction. R. J. Olander. 2,124,040; July 19.
Door lock. S. Zagrzejewski. 2,124,099; July 19.
Door operating device. G. Herbster. 2,123,349; July 19.
Door structure. C. W. Sherman. 2,124,170; July 19.
Doors, Device for opening garage. G. Brase. 2,124,342; July 19.
Double acting engine. E. Gray. 2,124,032; July 19.
Drawbar, Adjustable self-centering. D. Smith. 2,124,043; July 19.
Drawer, Filing. F. A. Schmitz. 2,124,511; July 19.
Drill holes, Treatment of. H. C. Miller. 2,124,495; July 19.
Drill puller. L. Sovincz. 2,124,154; July 19.
Drilling apparatus. M. P. Holmes. 2,123,897; July 19.
Drive transmission, Oscillating. R. R. Miller. 2,124,115; July 19.
Driving means for spinning machines. E. A. Green. 2,124,415; July 19.
Drying process. H. L. Smith, Jr. 2,124,012; July 19.
Dust collecting device for pneumatic cleaners. D. B. Replogle. 2,123,913; July 19.
Dyestuff, Phthalocyanine. K. Holzach and F. Muehlbauer. 2,124,299; July 19.
Dyestuffs and preparing them, Acid. P. Wolff and F. Heim. 2,123,918; July 19.
Dyestuffs of the anthrimide carbazole series. R. N. Lulek and C. F. Belcher. 2,124,165; July 19.
Earthworking implement. C. Le Bleu. 2,124,466; July 19.
Electrical apparatus. A. W. Vance. 2,124,044; July 19.
Electrical device. J. Osawa. 2,124,306; July 19.
Electrode holder. L. Bevard. 2,124,283; July 19.
Electrodes, Manufacture of. S. J. Ralph. 2,124,261; July 19.
Electron tube. R. T. Orth. 2,123,957; July 19.
Electronic tube. J. C. Batchelor. 2,124,224; July 19.
Embalming apparatus. C. G. Postlewait. 2,124,121; July 19.
Emery, Apparatus for grading. K. C. Burroughs. 2,124,343; July 19.
Engine: *See*—
Double acting engine. Rocket engine.
Internal combustion engine.
Engine. E. Kottsieper. 2,124,196; July 19.
Engine brake. J. T. and C. F. Ranen. 2,124,081; July 19.
Engine control, Elastic fluid. R. G. Standerwick. 2,124,435; July 19.
Engine mounting. W. B. Stout. 2,124,088; July 19.
Engine, pump, meter and the like. F. G. Foster and L. J. Lambe. 2,124,140; July 19.
Engines, Injection device for internal combustion. L. H. L. Bellem. 2,124,133; July 19.
Erasing attachment, Typewriter. M. Booth. 2,123,877; July 19.
Esters from phenolaldehyde resins, Preparing mixed. H. T. Bucherer. 2,124,285; July 19.
Esters, Producing substituted acrylic acid. C. Ellis. 2,124,272; July 19.
Exhaust valve, Auxiliary. F. H. Stroup. 2,124,407; July 19.
Explosive. H. A. Lewis and F. R. Wilson. 2,124,202; July 19.
Explosive composition and production. H. A. Lewis and C. A. Woodbury. 2,124,201; July 19.
Eyebrow plucker. B. Wehmer. 2,123,870; July 19.
Eyes, Testing. A. Ames, Jr., and C. H. Gliddon. 2,124,457; July 19.
Fabric: *See*—
Pile fabric. Weft knit fabric.
Warp fabric. Wire fabric.
Fabric and making same, Endless screen wire. H. Kurtz. 2,124,373; July 19.
Fastener: *See*—
Paper fastener. Separable fastener.
Fastener for casement windows, Top. J. Belanger. 2,124,226; July 19.
Fastener or latch for vehicle roofs. C. H. Nichols. 2,124,117; July 19.
Fasteners to articles, Applying slide. B. B. Peterson. 2,124,079; July 19.
Faucet. W. L. Thaete. 2,124,155; July 19.
Fence tool, Combination. C. A. Hadland. 2,124,416; July 19.
Fertilizers, Granulating. F. J. DeRewal. 2,124,332; July 19.

Fibers, Method and apparatus for the production of. A. Formhals. 2,123,992; July 19.
Filaments, Apparatus for the treatment of artificial. H. Dreyfus and W. I. Taylor. 2,123,936; July 19.
Filaments, yarns, films, and other materials containing cellulose derivatives, Production and treatment of artificial. W. A. Dickie and P. F. C. Sowter. 2,123,934; July 19.
Film, Apparatus for projecting lenticular. J. Eggert and G. Heymer. 2,124,139; July 19.
Film pull-down mechanism. A. W. Tondreau. 2,124,322; July 19.
Film treating device, Continuous. G. Schubert. 2,124,085; July 19.
Films, Apparatus for developing. G. M. Dye. 2,124,106; July 19.
Filter pad, Interiorly supported. H. M. Gaarder. 2,124,370; July 19.
Fire alarm. J. K. Grondahl. 2,124,488; July 19.
Fire resistant composition. H. Dodd. 2,124,288; July 19.
Fishhook. J. Schott. 2,124,263; July 19.
Fish lure. J. McArthur. 2,123,951; July 19.
Fish lure. J. Salm. 2,124,152; July 19.
Flashlight. A. J. Scholtes. 2,124,153; July 19.
Flashlight attachment for cameras. E. O. Eisenhand. 2,124,368; July 19.
Flaw detector mechanism. L. J. De Lanty. 2,124,411; July 19.
Fluid brake. A. H. Wood. 2,124,173; July 19.
Fluid dumping apparatus. C. R. Dale. 2,124,188; July 19.
Fluid gauge. M. C. White. 2,124,096; July 19.
Fluid meter. W. C. Wagner. 2,123,978; July 19.
Fluid operated clutch. W. W. Criley. 2,123,867; July 19.
Flux for galvanizing. R. J. Kepfer. 2,123,949; July 19.
Fly chaser, Advertising. M. J. Murphy. 2,124,147; July 19.
Foil, Metal. H. G. Kittredge and F. W. Williams. 2,124,232; July 19.
Footwear and a tap for dancing footwear, Dancing. C. H. Buckler. 2,124,458; July 19.
Fork, Ejector. F. P. Riddell. 2,124,313; July 19.
Formaldehyde, Manufacture of. J. M. Weiss and C. R. Downs. 2,124,368; July 19.
Fountain. S. S. Grady. 2,123,892; July 19.
Frequency control line and circuit. J. W. Conklin and C. W. Hansell. 2,124,029; July 19.
Frost absorber. C. S. Murch. 2,124,259; July 19.
Fruit, Drying. E. M. Wayland. 2,124,381; July 19.
Frying apparatus. K. L. Childs. 2,124,186; July 19.
Fuels, Motor. L. G. Story. 2,124,171; July 19.
Funnel-scraper, Paint. J. L. Akers. 2,124,021; July 19.
Furnace and tuyère structure and method of operation, Blast. K. Steinbacher. 2,124,437; July 19.
Furnace door. L. R. McAfoos. 2,124,425; July 19.
Furnace regulator system, Electric. N. R. Stansel. 2,124,436; July 19.
Fuse panel. A. B. Rypinski. 2,124,083; July 19.
Game. L. L. Bugg. 2,124,136; July 19.
Game apparatus, Race. G. J. Smythe. 2,124,456; July 19.
Garbage burner. H. W. Ewing. 2,124,447; July 19.
Garment. R. T. Allis. 2,123,919; July 19.
Garment. M. C. Hennessy. 2,124,193; July 19.
Garment. R. M. Kapinas. 2,124,112; July 19.
Garment. E. Siegel. 2,124,405; July 19.
Garment checking apparatus. P. Boumans and W. Brinck. 2,124,444; July 19.
Garment hanger. N. B. Smith. 2,123,973; July 19.
Garment shortening apparatus. H. and H. Zweig. 2,123,873; July 19.
Gas pump. W. F. Borgerd, F. L. McCune and C. A. Uherek. 2,124,181; July 19.
Gas purifying material. F. C. Post. 2,124,260; July 19.
Gas treatment. C. B. Faverty. 2,123,885; July 19.
Gases from saturated hydrocarbon gases, Continuously separating unsaturated hydrocarbon. R. H. McKee. 2,124,426; July 19.
Gate: *See*—
Starting gate.
Gauge: *See*—
Fluid gauge.
Gauge. C. C. Street. 2,124,014; July 19.
Gear for continuous working photographic copying machines, Driving. J. Waibler. 2,124,267; July 19.
Gear shifting, Automatic. A. A. Hodgkins. 2,124,507; July 19.
Gear testing machine. C. G. Olson. 2,124,119; July 19.
Gearing, Intermittent. J. Schackleton. 2,124,213; July 19.
Gill opening adjusting means. E. E. Duff and A. L. Wood. 2,124,333; July 19.
Glass articles, Apparatus for the fabrication of. F. L. O. Wadsworth. 2,124,091; July 19.
Glass, Field. O. E. Trautmann. 2,124,157; July 19.
Glycerine and fatty acids, Producing. W. H. Rees. 2,124,168; July 19.
Golf bag carrier. C. C. Sinnott. 2,124,265; July 19.
Grinding machine. F. O. Wells. 2,124,093; July 19.
Guard for vehicle wheel fenders, Splash. G. F. Bahr. 2,124,513; July 19.
Guard, Lubricated dust. H. H. Grece. 2,124,108–9; July 19.
Guide for plows, Trash. C. G. Strandlund. 2,124,128; July 19.
Gun, Grease. W. L. Ostendorf. 2,124,077; July 19.
Gun mechanism. H. W. Hester. 2,124,066; July 19.
Gun, Tear gas. G. F. Wildes and C. C. Gasparin. 2,124,172; July 19.
Handbag holder, Lady's. E. M. Buttschau. 2,124,483; July 19.
Hanger: *See*—
Garment hanger.
Harvester, Onion. A. D. Munsterman. 2,124,309; July 19.
Harvester-thresher. W. G. Charley. 2,123,879; July 19.
Hat retainer. A. Rittener. 2,124,471; July 19.
Heading method. A. J. Alberts. 2,124,022; July 19.
Heater: *See*—
Track heater.
Heater. J. Slane. 2,124,434; July 19.
Heating device for tobacco barns. R. E. Mayo. 2,124,074; July 19.
Heel-attaching and flap-laying machine. L. J. Bazzoni. 2,123,926; July 19.
Hoist attachment for tractors, Power. S. S. Moore. 2,124,116; July 19.
Holder: *See*—
Card holder. Pad holder.
Electrode holder. Steel wool holder.
Handbag holder. Tag holder.
Jar holder. Work holder.
Holder for fishline coils and the like. P. A. Allen and M. Womeldorff. 2,124,512; July 19.
Holder for mops and the like, Sheet. R. G. Winston. 2,124,220; July 19.
Holder, Supply. E. R. Swanson. 2,124,499; July 19.
Hood, Protecting. W. R. Shields. 2,124,042; July 19.
Hookless or zipper fastener. D. Rosen. 2,124,448; July 19.
Hopper construction. G. M. Kriegbaum and D. M. Morris. 2,124,198; July 19.
Hose coupling, Quick interlocking duplicate end. A. J. Scholtes. 2,124,474; July 19.
Hosiery. M. A. Salembier, Jr. 2,123,971; July 19.
Humidifier. C. E. Robb. 2,124,510; July 19.
Humidifying apparatus and method. R. S. Blair. 2,124,482; July 19.
Hydraulic system control means. E. J. Lattner. 2,123,950; July 19.
Hydrogen peroxide, Vacuum distillation of. J. Mercier. 2,124,257; July 19.
Hydrometer, Syringe. P. Peterson. 2,124,080; July 19.
Incineration. W. Ralsch. 2,124,122; July 19.
Incinerator. J. H. Tarment. 2,124,320; July 19.
Indicating instrument. G. P. Luckey and A. Soller. 2,124,072; July 19.
Indicator: *See*—
Battery condition indicator. Dial test indicator.
Tire pressure indicator.
Infusion apparatus. H. Goldstein. 2,124,293; July 19.
Insecticidal, fungicidal, disinfectant material. L. C. Heckert and C. H. Peet. 2,124,400; July 19.
Instrument of precision. F. Vancura. 2,124,358; July 19.
Insulating package. R. T. Walker. 2,123,869; July 19.
Internal combustion engine. M. E. Carroll. 2,124,365; July 19.
Internal combustion engine, Rotary. H. F. Wolstenholme. 2,124,327; July 19.
Internal combustion motor. T. C. Marshall. 2,124,492; July 19.
Jack: *See*—
Bracket jack.
Jar holder. H. B. Holland. 2,123,896; July 19.
Jig. G. A. Okerfelt. 2,124,118; July 19.
Joint: *See*—
Load carrying joint.
Joint breaker. H. L. Theroif. 2,124,129; July 19.
Joist. E. P. Alsted. 2,123,923; July 19.
Journal lubricator. J. J. Hennessy. 2,123,946; July 19.
Junction box. J. E. Torbert, Jr. 2,124,156; July 19.
Kitchen implement. H. Hertzberg. 2,123,947; July 19.
Knee pad. D. F. Turner. 2,124,158; July 19.
Knitting machine. F. Chatfield. 2,124,104; July 19.
Knitting machine. V. Lombardi. 2,124,303–4; July 19.
Knitting machine for plaiting and reverse plaiting. R. H. Lawson and A. N. Cloutier. 2,124,000; July 19.
Knitting machine, Straight bar. H. W. and E. Start. 2,123,868; July 19.
Knitting needle and method of use. V. Lombardi. 2,124,305; July 19.
Knob and making the same, Bag fastener. W. C. Hiering. 2,124,298; July 19.
Lamp: *See*—
Bicycle lamp.
Lamps, Ring-shaped element of prismatic section for improving the luminosity of electric. A. Gunsbourg. 2,123,942; July 19.
Landing light, Retractable. D. L. Bruner. 2,123,050; July 19.
Latch and handle mechanism. L. Anderson. 2,123,866; July 19.
Lathe. K. Tessky. 2,124,216; July 19.
Lathe, Center drive camshaft. W. F. Groene and R. M. Bacon. 2,124,347; July 19.

Lathe transmission, Hydraulic. W. F. Groene, R. M. Bacon, and H. J. Siekmann. 2,124,348; July 19.
Lettuce and the like, Refrigerating. W. Dodge. 2,124,412; July 19.
Lift, Egg. T. Foote. 2,124,464; July 19.
Light: *See*—
Landing light.
Light and electrical impulse conversion apparatus. H. Freese and H. Müller. 2,124,031; July 19.
Light for airplanes and the like, Landing. W. G. Grimes. 2,124,346; July 19.
Light polarizing material. E. H. Land. 2,123,901–2; July 19.
Lighting arrangement for sound reproduction. H. G. Weiss. 2,123,871; July 19.
Lighting fixture. J. S. Hamel and R. C. Engelken. 2,124,417; July 19.
Lighting fixture. O. G. Hildebrand. 2,124,141; July 19.
Lighting fixture. M. W. Ross and E. D. Tillson. 2,124,432; July 19.
Lining for ties. M. Kleinmann. 2,123,900; July 19.
Liquid dispensing apparatus. H. Shapiro. 2,124,214; July 19.
Load carrying joint. G. H. Hufferd. 2,124,034; July 19.
Load supporting structure. H. H. Bunker. 2,123,931; July 19.
Lock: *See*—
Cylinder lock. Door lock.
Lock. D. S. Geiser. 2,123,993; July 19.
Lock for automobiles, Window. R. F. Christman. 2,124,245; July 19.
Locking device for vehicle wheels. E. P. Hurd. 2,124,035; July 19.
Loom: *See*—
Tuft weaving loom.
Loud speaker. J. P. Quam. 2,124,338; July 19.
Lubricant gun set. I. L. Eastman. 2,124,138; July 19.
Lubricator: *See*—
Journal lubricator.
Luminescent screen. J. C. Batchelor. 2,124,225; July 19.
Machine for laying concrete. W. P. Day. 2,123,989; July 19.
Machine for making blanks. C. Kaufman. 2,124,113; July 19.
Machine for making frozen confections. W. J. Taylor. 2,124,387; July 19.
Magnesium hydroxide, Manufacturing. M. G. Mastin. 2,124,002; July 19.
Magnesium, Production of metallic. K. Erdmann. 2,123,990; July 19.
Mat or the like, Golf practice. M. G. Rosengarten. 2,124,123; July 19.
Material, Core binder. A. W. Goos. 2,124,515; July 19.
Material, Decorative. K. E. Prindle. 2,124,210; July 19.
Material, Method and apparatus for feeding thermoplastic. F. L. O. Wadsworth. 2,124,092; July 19.
Material, Surfacing felted fibrous. T. A. Pascoe and R. P. Hella. 2,124,330; July 19.
Materials, Apparatus for treating canned. H. L. Smith, Jr., and L. N. Jones. 2,123,010; July 19.
Materials, Treatment of cellulosic fibrous. E. Mayer. 2,124,256; July 19.
Meat platter clamp. A. R. Thoeny. 2,124,477; July 19.
Metal alloy. R. T. Wirth. 2,124,020; July 19.
Metal recomery process. G. E. Behr. 2,124,180; July 19.
Metallurgical process. F. G. Carrington. 2,124,445; July 19.
Metals and alloys poor in carbon and silicon, Producing. F. G. Samuelson, O. H. Jonson, and K. J. W. Engdahl. 2,123,262; July 19.
Metals for radio tubes, Carbonizing. C. Eddison and E. G. Widell. 2,124,162; July 19.
Metals, Heat treating. C. O. Burgess. 2,124,459; July 19.
Metals, Stable colloidal dispersion of. M. Bockmühl, E. Dörzbach, and W. Persch. 2,124,331; July 19.
Meter: *See*—
Cumulative demand meter. Fluid meter.
Mill department control. F. Marquart. 2,124,518; July 19.
Mining machine. E. H. Stein. 2,124,319; July 19.
Mirror, Jaunt folding dress. E. G. Miller. 2,124,146; July 19.
Molding or the like, Securing. J. P. Lavigne. 2,124,252; July 19.
Monument, Transparent grave. F. H. Long. 2,124,143; July 19.
Motor: *See*—
Internal combustion motor. Split phase motor.
Motor-compressor arrangement. F. Schmidt. 2,124,433; July 19.
Motor construction. F. W. Cotterman. 2,123,933; July 19.
Motor vehicle, Rear-drive. L. A. Mallett. 2,124,166; July 19.
Mounting: *See*—
Engine mounting.
Multicontact plug. K. J. Braun. 2,124,182; July 19.
Muzzle attachment for machine guns. F. T. Moore. 2,124,075; July 19.
N:N'-dialkyl-2:2'-dipyrazole-anthronyls and making same. J. Koch and M. Bommer. 2,123,251; July 19.
Necktie guide. A. F. Henderson. 2,123,945; July 19.
Needle bar assembly for knitting machines and knitting thereon. K. Howie. 2,124,067; July 19.
Nozzle, Regulating. G. H. Wotring. 2,124,443; July 19.
Oil burner. J. S. Sheafe. 2,124,109; July 19.
Oil catcher. R. Pawlikowski. 2,123,959; July 19.
Oil, Slushing. J. G. Detwiler. 2,124,446; July 19.
Oils, Cracking hydrocarbon. H. C. Pennrich. 2,123,960; July 19.
Oils, Transporting hydrocarbon. R. J. Dearborn. 2,124,514; July 19.
Ointment, Allantoin. F. R. Greenbaum. 2,124,295; July 19.
Ophthalmoscope. G. A. Ellestad and F. W. Jobe. 2,124,344; July 19.
Orthopedic appliance. W. L. Bell. 2,124,102; July 19.
Oscillator system, Constant frequency. J. B. Dow. 2,124,189; July 19.
Over-voltage protective device. L. S. Brach. 2,124,364; July 19.
Package. W. E. Weeks. 2,124,324; July 19.
Package, Shipping and display. B. Klein. 2,124,335; July 19.
Packing head. F. and A. L. Stone. 2,124,015; July 19.
Packing ring. A. W. Wenzel. 2,124,094; July 19.
Packing ring, Annular accordion. H. T. Wheeler. 2,124,095; July 19.
Pad: *See*—
Filter pad. Knee pad.
Pad holder. P. J. O'Brien. 2,124,429; July 19.
Pad of paper sheets. J. D. Lane and R. H. Wilbur. 2,123,903; July 19.
Paper fastener. W. H. Smith. 2,123,974; July 19.
Paper manufacture. R. A. Packard. 2,123,958; July 19.
Paper, Process and apparatus for the manufacture of. E. A. Charlton. 2,124,028; July 19.
Parasiticidal composition, Photochemically stabilized thiodiarylamine. E. W. Bousquet. 2,123,929; July 19.
Parasiticidal composition, Stabilized. E. W. Bousquet. 2,123,928; July 19.
Pattern, Garment. W. Cushman. 2,123,881; July 19.
Pedal extension. V. P. Bailey. 2,124,100; July 19.
Pen, Fountain. F. M. Ashley. 2,124,280; July 19.
Perforating machine. C. T. Batchelder. 2,123,875; July 19.
Photographic exposure controlling apparatus. W. A. Brorsen. 2,124,134; July 19.
Photographic image carriers provided with precipitants for coloring dyes, Producing. R. Gschöpf and K. Pokorny. 2,124,371; July 19.
Photographic objective. S. Huber. 2,124,301; July 19.
Photographic objective. W. B. Rayton. 2,124,356; July 19.
Phthalocyanine compounds, Producing. I. M. Heilbron, F. I. Grangemouth, and R. P. Linstead. 2,124,419; July 19.
Picture and sound transmission. C. O. Browne and J. Hardwick. 2,124,394; July 19.
Pictures, and composition therefor, Increasing the brilliancy of photographic. E. Weyde. 2,124,159; July 19.
Pile fabric, Knitted. H. Fleisher. 2,124,361; July 19.
Pilot valve. B. R. Nichols. 2,124,274; July 19.
Pipe: *See*—
Tobacco pipe.
Pipe coupling. R. J. Lauer. 2,123,999; July 19.
Pipe, Making galvanized ferrous. F. N. Speller. 2,124,520; July 19.
Piston and method of making. G. D. Welty. 2,124,360; July 19.
Pitch propeller, Controllable. R. E. Palmer and C. S. J. MacNeil, Jr. 2,124,078; July 19.
Planing machine. J. E. Mahm. 2,124,386; July 19.
Plant support. J. J. Battista and J. J. Di Meglio. 2,124,049; July 19.
Plastic, Polyvinyl acetal resin. J. D. Ryan. 2,124,315; July 19.
Plow, Tractor. A. C. Lindgren and W. S. Graham. 2,124,203; July 19.
Plug: *See*—
Battery vent plug. Multicontact plug.
Pneumatic cleaner. D. B. Replogle. 2,123,912; July 19.
Pneumatic cleaner. D. B. Replogle. 2,123,914; July 19.
Point for earth digging teeth, Detachable. C. C. Hosmer and E. L. Launder. 2,124,230; July 19.
Poison container, Insect. R. L. Harroun. 2,123,995; July 19.
Poison to plants, Apparatus for applying liquid. A. M. Corley. 2,123,988; July 19.
Polarization device for cameras. C. Herrmann. 2,124,297; July 19.
Polarization device for cameras having a linearly polarizing foil. M. Burckhardt. 2,124,286; July 19.
Pole switch. G. S. Van Antwerp. 2,123,976; July 19.
Post, Double tapered steel. G. G. Greulich. 2,124,487; July 19.
Postage meter machine. W. H. Wheeler, Jr., and J. W. Ogden. 2,124,383; July 19.
Pottery ware, Method and apparatus for manufacturing. W. J. Miller. 2,124,204; July 19.
Power plant. R. J. Caughey. 2,124,395; July 19.
Power supply system. H. O. Roosenstein. 2,123,968; July 19.
Power transmission mechanism. F. A. Hayes. 2,124,399; July 19.

Precession initiating and controlling means for variable speed transmission mechanisms. F. A. Hayes. 2,124,398; July 19.
Press: *See*—
Printing press.
Printing. C. E. Gray. 2,124,294; July 19.
Printing apparatus. R. Atti. 2,124,179; July 19.
Printing apparatus. J. Rona. 2,124,376; July 19.
Printing press. C. R. Kaddeland. 2,124,420; July 19.
Projector, Lantern slide dissolving view. A. W. Tournay-Hinde. 2,124,090; July 19.
Propeller. W. W. Everts. 2,124,369; July 19.
Propeller. E. Martin. 2,124,351; July 19.
Protector for hot air hair driers, Face. V. S. Ault. 2,124,131; July 19.
Puller: *See*—
Drill puller.
Pump: *See*—
Gas pump. Rotary pump.
Pump. J. Calling. 2,124,185; July 19.
Pump apparatus, Vacuum. F. H. Anderson. 2,124,390; July 19.
Pumps, Operating mechanism for deep well. A. W. Burks. 2,124,026; July 19.
Punch, Statistical card. W. W. Lasker. 2,124,178; July 19.
Purse. J. Claviez. 2,124,287; July 19.
Puzzle. L. H. Boam. 2,124,341. July 19.
Pyridine-derivatives, Manufacture of. E. Haack and R. F. von Buddenbrock. 2,124,505; July 19.
Pyridino-anthraquinone derivatives and products thereof, Producing. H. Scheyer and E. Schwamberger. 2,124,238; July 19.
Radio receiver. N. M. Rust. 2,124,212; July 19.
Raft, Child's play. G. A. Grant and W. F. Le Moine. 2,124,062; July 19.
Rail cross-over. F. E. Fey. 2,124,247; July 19.
Razor, Safety. W. H. Huenergardt. 2,124,402; July 19.
Reading attachment for microscopes. R. H. Draeger. 2,123,882; July 19.
Receptacle: *See*—
Brush equipped receptacle.
Receptacle for filled article containers, Packing. L. D. Van Benschoten. 2,124,217; July 19.
Record strip control for autographic registers. L. F. Hagemann. 2,123,994; July 19.
Refiner. R. C. Benner and A. L. Ball. 2,124,393; July 19.
Refrigerating apparatus. A. A. McCormack. 2,124,234; July 19.
Refrigerating apparatus. R. M. Smith. 2,124,239; July 19.
Refrigerating apparatus. H. M. Williams. 2,124,268; July 19.
Refrigerating mechanism. P. C. Hall. 2,124,110; July 19.
Refrigeration. S. W. E. Andersson. 2,123,920–1; July 19.
Refrigerator control. R. G. Phillips. 2,124,375; July 19.
Relay apparatus. W. D. Cockrell. 2,124,410; July 19.
Reset mechanism for demand registers. R. O. Hamill. 2,123,943–4; July 19.
Resinous condensation products and making them, Phenol-terpene. H. Hönel and A. Zinke. 2,123,898; July 19.
Resins, Synthetic. H. S. Rothrock. 2,124,151; July 19.
Revolving seat. V. Willoughby. 2,124,501; July 19.
Ribbon pack. W. Harris, Jr. 2,124,063–4; July 19.
Rim, Adjustable. L. O. Grange. 2,124,345; July 19.
Rim, Tire. J. C. Heintz. 2,124,111; July 19.
Ring: *See*—
Packing ring.
Ring plate valve. J. H. H. Voss. 2,124,323; July 19.
Rocket engine. C. R. Cummings. 2,124,462; July 19.
Roof edge construction. T. W. Richter. 2,123,967; July 19.
Roses, Watering-can. J. R. Buchanan and T. W. Watts. 2,124,184; July 19.
Rotary pump. W. P. Schirmer. 2,124,377; July 19.
Rule, Draftsman's. L. V. Cantrell. 2,124,051; July 19.
Sachet. H. S. Frank. 2,124,396; July 19.
Safety device for marine power plants. H. W. Slauson. 2,124,497; July 19.
Safety switch. R. N. Rowe. 2,124,275; July 19.
Safety valve. O. L. Mulloy. 2,124,374; July 19.
Scale and indicator operating means therefor. H. D. Ridge. 2,124,357; July 19.
Scale trap. F. E. Chernosky. 2,124,244; July 19.
Scotometer, Central vision. C. E. and G. R. Ferree. 2,124,229; July 19.
Scraper, Combination fixed blade and tilting bowl. W. J. Adams, Jr. 2,124,408; July 19.
Scraper loading apparatus. R. C. Osgood and L. A. Currier. 2,123,909; July 19.
Screen: *See*—
Luminescent screen.
Screen and draft control, Fireplace. E. T. Brown. 2,124,135; July 19.
Screen unit for ball mills. J. Seroy. 2,124,127; July 19.
Seal, Bearing. L. H. Browne. 2,124,183; July 19.
Seam for metal can bodies, Side. J. H. O'Neil. 2,124,004; July 19.
Seat: *See*—
Revolving seat. Toilet seat.
Self-lubricating bearing. R. H. Whiteley. 2,123,872; July 19.
Separable electrical connecter. S. Hugyik. 2,124,068; July 19.
Separable fastener. H. L. Dole. 2,123,935; July 19.
Setting device, Back-off. C. C. Brown. 2,123,930; July 19.
Sewing-machine mechanism. J. F. Hand. 2,124,033; July 19.
Shank for shoes, Cushion. W. H. Nickerson. 2,123,954; July 19.
Shapes and apparatus therefor, Producing hollow metallic C. W. Hazelett. 2,123,894; July 19.
Sheave for Venetian blinds, Rope. E. Reukauf, Jr. 2,124,470; July 19.
Sheet-holding means for cylinders of printing presses and the like. J. F. Jirousek. 2,123,997; July 19.
Shield, Hair drying. N. L. Praytor. 2,124,431; July 19.
Shield, Ornamental fender. G. W. Schatzman. 2,124,041; July 19.
Shielding, Detecting defects in ignition. M. F. Peters. 2,123,910; July 19.
Shock absorber, Double acting. A. T. Peterson. 2,123,961; July 19.
Shoe heeling clamp. W. H. McCaffrey. 2,124,144; July 19.
Shoe, Ventilated. M. L. Baran. 2,124,391; July 19.
Shutter actuating means on the camera body of a folding camera. A. Nagel. 2,123,908; July 19.
Sign. E. M. Tallberg. 2,124,440; July 19.
Signal: *See*—
Automobile signal. Crossing signal.
Signaling apparatus, Railway. G. R. Pflasterer. 2,123,963; July 19.
Signaling, Railway. L. R. Allison. 2,123,922; July 19.
Signaling, Railway. G. R. Pflasterer. 2,123,962; July 19.
Signaling system. F. Calhoun. 2,124,027; July 19.
Silencer for internal combustion engines. W. A. E. Hurlock. 2,124,489; July 19.
Silk, Matting of artificial. K. Brodersen and M. Quaedvlieg. 2,123,986; July 19.
Silk, Producing matting effects on artificial. K. Brodersen, M. Quaedvlieg, A. Schneider, and H. Gensel. 2,123,987; July 19.
Silk, Throwing. M. A. Salembier, Jr. 2,123,970; July 19.
Slack take-up for thrust ropes of power shovels. W. Lehman. 2,123,904; July 19.
Smoking implement. A. G. Van Devanter. 2,124,130; July 19.
Snow moving device. E. W. Austin. 2,123,925; July 19.
Socket, Flexible resilient electric current. E. Challet. 2,124,461; July 19.
Solids from oil, Removal of suspended. D. B. Nutt. 2,124,148; July 19.
Sound absorbing construction. K. Slidell. 2,124,086; July 19.
Sound insulation. G. R. Cunnington. 2,124,463; July 19.
Sound, Method and apparatus for recording. O. A. Ross. 2,124,473; July 19.
Sound, Method and device for recording. P. C. Ricchiardi. 2,124,150; July 19.
Spear or arrow shaped box. W. L. Krumm. 2,124,142; July 19.
Speed control for phonographs. A. V. Bedford. 2,124,281; July 19.
Speed governing mechanism. S. N. Hedman. 2,124,418; July 19.
Speedometer, Illuminated. H. C. Stuerzl. 2,124,089; July 19.
Split phase motor. W. J. Morrill and K. A. Killam. 2,124,427; July 19.
Sponge, Bath. W. J. Gould. 2,124,061; July 19.
Spout, Collapsible pouring. P. W. Gauss. 2,124,385; July 19.
Spout, Pouring. I. L. Arb. 2,124,241; July 19.
Spring for cushioned seats and backs, Wire. M. Freund. 2,123,888; July 19.
Spring heating machine. F. R. Zimmerman. 2,124,329; July 19.
Stamp. H. J. Melind. 2,123,952; July 19.
Stand: *See*—
Switch stand.
Starch. C. C. Kesler. 2,124,372; July 19.
Starch from gluten, Separation of. H. Boie. 2,124,284; July 19.
Starting gate. E. F. Weishaupt. 2,124,325; July 19.
Starting, synchronizing, and shifting system, Combined. H. J. Murray. 2,124,076; July 19.
Steam generation, High pressure. M. Ledinegg. 2,124,254; July 19.
Steel wool holder. I. J. Spiewak. 2,124,476; July 19.
Stenciling, Apparatus for. J. C. Smith. 2,124,011; July 19.
Stereophonographic apparatus and method. W. L. Douden. 2,124,030; July 19.
Stoker. W. M. Schweickart. 2,124,317; July 19.
Stopcock. E. C. R. Weisgerber. 2,124,359; July 19.
Store front construction. F. J. Plym. 2,124,353–5; July 19.
Stove, Heating. W. F. Pogue. 2,124,120; July 19.
Strut, Shock. F. M. Smith. 2,124,087; July 19.
Sub and grand total mechanism. W. W. Lasker. 2,124,176; July 19.

Sulphur in mixtures containing the same, Determining the amount of. R. G. Mewborne and J. F. Les Veaux. 2,124,307; July 19.
Superheater boiler. T. B. Stillman. 2,124,215; July 19.
Support: *See*—
Arch support. Plant support.
Casket support.
Supporting means for gyratory sifters. E. G. Berry and C. L. Reimuller. 2,123,876; July 19.
Suspenders. L. E. Baer. 2,123,984; July 19.
Switch: *See*—
Circuit switch. Safety switch.
Pole switch. Time switch.
Switch. R. Popp. 2,124,337; July 19.
Switch for electric lamps, Column. K. Schneider. 2,124,009; July 19.
Switch stand. S. L. Eastburn. 2,124,190; July 19.
Table: *See*—
Card table.
Tabulating machine. W. W. Lasker and C. Ruiz. 2,123,177; July 19.
Tabulating machine. G. J. Zaengle. 2,124,223; July 19.
Tag, Battery identification. O. N. Olson. 2,123,956; July 19.
Tag holder. L. R. Corson. 2,124,054; July 19.
Tailpiece for stringed musical instruments. H. S. Sunshine. 2,124,439; July 19.
Tailstock. F. A. Fritzsch. 2,124,164; July 19.
Tandem wheel truck. G. S. Allin and F. V. Bistrom. 2,124,047; July 19.
Tank structure, Vehicular. F. G. Thwaits. 2,124,441; July 19.
Television scanning system. F. Schröter. 2,124,404; July 19.
Telephone system for simultaneous communications, Train. A. G. Shaver. 2,124,450; July 19.
Television system. W. A. Tolson. 2,124,478; July 19.
Tension device. R. H. Lawson and W. L. Smith, Jr. 2,124,001; July 19.
Therapeutic treatment. H. L. Warwick. 2,123,980; July 19.
Thread cutting machine. C. G. Dauber. 2,124,105; July 19.
Tie clamp. J. Yartz. 2,124,502; July 19.
Tie package, Bale. A. F. Bradley. 2,124,503; July 19.
Tie package, Bale. H. W. Hill. 2,124,506; July 19.
Tile and making same, Floor. C. Ellis. 2,124,384; July 19.
Time switch. F. W. Truesdell, D. G. Cameron, and W. S. Whyte. 2,124,442; July 19.
Timing instrument. E. F. Swensen. 2,124,045; July 19.
Tire pressure indicator. R. E. Walters and C. E. Ruch. 2,124,380; July 19.
Tobacco pipe. S. M. J. Jacobs. 2,124,221; July 19.
Toilet seat, Ventilated. J. C. Vandiver. 2,124,017; July 19.
Tongs for removing radio tubes from chassis. D. Mitchell and C. A. Wyeth. 2,124,039; July 19.
Tongs, Surgical. G. Gossrau. 2,123,891; July 19.
Tool: *See*—
Cutting tool. Fence tool.
Tool operating mechanism. G. H. Leland. 2,124,491; July 19.
Tools and the like, Method useful in the manufacture of. J. B. Ragsdale and R. G. Goodwin. 2,124,236; July 19.
Tooth brush, Motor driven rotary. J. Merkel, Jr. 2,124,145; July 19.
Toy vehicle, Eccentric running. R. Lohr and E. Baxter. 2,124,302; July 19.
Track circuit. F. X. Rees. 2,123,965–6; July 19.
Track heater, Gas. W. H. Greenfield. 2,123,941; July 19.
Tractor construction. W. B. Thiemann. 2,123,975; July 19.
Traffic-signaling system. H. H. Bell. 2,124,392; July 19.
Train operating and dispatching system, Railway. A. G. Shaver. 2,124,452; July 19.
Train operating system. A. G. Shaver. 2,124,451; July 19.
Trains, System for operating. A. G. Shaver. 2,124,449; July 19.
Trains, System for operating. A. G. Shaver. 2,124,453; July 19.
Transducer. E. C. Guedon. 2,124,296; July 19.
Transmission. J. G. Hanson. 2,124,192; July 19.
Trap: *See*—
Animal snare trap. Scale trap.
Trap. M. Bilinski. 2,124,227; July 19.
Trap for suction conduits, Condensate. H. C. Grant, Jr. 2,124,516; July 19.
Traveling conveyer, Overhead. W. E. Sparling and R. K. Wilson. 2,123,917; July 19.
Treadle for railway signaling systems, Wheel actuated. A. Brown. 2,124,340; July 19.
Truck, Rail. O. M. Ebell. 2,124,246; July 19.
Truck, Tandem wheel. W. R. Redhead. 2,124,149; July 19.
Tube: *See*—
Cathode-ray tube. Electronic tube.
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Tuft weaving loom. C. Alvord. 2,123,983; July 19.
Tuning indicator and dial. J. E. Albright and W. L. Carlson. 2,124,023; July 19.
Tuning means for radio sets, Automatic. J. T. Jones. 2,124,195; July 19.
Turbine and speed controlling mechanism therefor, Steam. C. A. Schellens. 2,124,339; July 19.
Typewriting machine. C. Gabrielson. 2,123,938; July 19.
Upholstery construction. A. M. Bank. 2,124,048; July 19.
Vacuum tube, Metal. H. J. Nolte. 2,124,428; July 19.
Valve: *See*—
Exhaust valve. Safety valve.
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Valve and guide for internal combustion engines, Air insulated. V. F. Zahodiakin. 2,124,362; July 19.
Valve construction, Thermostatic. M. H. Ward. 2,123,979; July 19.
Valve mechanism. E. Gray. 2,124,334; July 19.
Vanity box. R. N. Houlihan. 2,124,300; July 19.
Vaporizer, Fuel. C. A. French. 2,123,887; July 19.
Vaporizer starting system. C. B. Faverty. 2,123,884; July 19.
Vehicle: *See*—
Motor vehicle. Toy vehicle.
Vermin exterminating compositions and the resulting compositions. K. Memminger. 2,124,494; July 19.
Violin. A. C. Carter and A. Carter. 2,124,243; July 19.
Warning device for liquid dispensing apparatus. W. De Lancey. 2,124,486; July 19.
Warp fabric. P. Schönfeld. 2,124,316; July 19.
Washer for nuts, Locking. I. Guiducci. 2,124,249; July 19.
Washing and drying machine. J. E. and V. Cary. 2,124,460; July 19.
Waxes, Making. E. R. Wiles. 2,123,982; July 19.
Weeder. M. M. Simpson. 2,123,972; July 19.
Weft knit fabric. J. McNamee. 2,124,508; July 19.
Well drill bit, Deep. C. F. Williams and H. Gruner. 2,124,521; July 19.
Well drilling bit. O. B. Goldman. 2,124,414; July 19.
Wheel: *See*—
Abrasive wheel. Buffing or polishing wheel.
Wheel assembly. C. F. Hirshfeld. 2,124,350; July 19.
Wheel construction. T. A. Peterman. 2,124,469; July 19.
Winding machine. E. R. Swanson. 2,124,498; July 19, 11.
Window control mechanism, Vehicle. J. P. Lavigne. 2,124,037; July 19.
Window, Solar. J. M. Thorp. 2,124,240; July 19.
Wire bundling machine. H. W. Hill. 2,123,895; July 19.
Wire fabric. R. J. Guba. 2,123,893; July 19.
Wood preservation. D. W. King. 2,123,899; July 19.
Work holder. A. Lemieux. 2,124,200; July 19.
Wrench. D. J. Emanuel. 2,124,163; July 19.
Wringer. W. L. Kauffman. 2,124,069; July 19.
Yarn control means. F. Klein and H. Uhlig. 2,124,422; July 19.
Yarn feeding mechanism for knitting machines. R. H. Lawson and A. N. Clontier. 2,124,253; July 19.
Yarn guide. H. Howorth. 2,123,948; July 19.

CLASSIFICATION OF PATENTS

ISSUED JULY 19, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abbott Laboratories, North Chicago, Ill. Vitamin C preparation of cevitamic acid. Serial No. 405,868; July 26. Class 6.

Acme Spring Sash Balance Co. (See Kersting, Albert H.)

Aktieselskabet Bing & Grøndahls Porcelænsfabrik, Copenhagen, Denmark. Art porcelain and stoneware figures of humans and animals. Serial No. 406,411; July 26. Class 50.

Aluminum Industries, Inc., Cincinnati, Ohio. Pistons. Serial No. 406,743; July 26. Class 23.

American Brush Corporation, Chicago, Ill. Paperhanger kits and wallpaper tool kits and wallpaper tools. Serial No. 399,916; July 26. Class 23.

American Fork & Hoe Company, The. (See C-K-R Company, The, assignor.)

American Maid Company, Inc., Chicago, Ill. Girls', misses', and women's undergarments. Serial No. 404,975; July 26. Class 39.

American Maize-Products Company, New York, N. Y. Corn syrup. Serial No. 406,166; July 26. Class 46.

Aroesty, Hyman J., doing business as Aroesty Products, Rochester, N. Y. Fruit jam. Serial No. 396,485; July 26. Class 46.

Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Women's hosiery. Serial No. 398,788; July 26. Class 39.

Atlanta Salesbook Company. (See Griffin, J. W.)

Atlas Powder Company, Wilmington, Del. Sorbitol syrups. Serial No. 406,170; July 26. Class 6.

Atlas Publishing Company, Inc., New York, N. Y. Directory of the wine and liquor trades. Serial No. 406,435; July 26. Class 38.

Automatic Signal Corporation, New York, N. Y. Automatic electric traffic control signalling systems, etc. Serial No. 389,972; July 26. Class 21.

Barber, W. H., Company, Minneapolis, Minn. Lubricating oils and greases. Serial No. 405,476; July 26. Class 15.

Barkon-Frink Tube Lighting Corporation, Long Island City, N. Y. Electric carbon dioxide lamps and fixtures used with same. Serial Nos. 401,131–2; July 26. Class 21.

Baum, Murray, doing business as Baum Products Co., Ashton, Ohio. Solution for removing bugs from windshields and fenders of automobiles. Serial No. 406,045; July 26. Class 6.

Bay State Milling Co., Winona, Minn. Rye flour and rye meal. Serial No. 406,745; July 26. Class 46.

Beacon Manufacturing Company, Swannanoa, N. C. Blankets. Serial No. 406,746; July 26. Class 42.

Belmont Co., The. (See Curran Corporation, The.)

Ben Mont Papers, Inc., Bennington, Vt. Coated paper. Serial No. 406,237; July 26. Class 37.

Bleich, Abraham H., doing business as Bleich Dress Mfg. Co., Boston, Mass. Maternity dresses. Serial No. 406,087; July 26. Class 39.

Bond Stores, Incorporated, New York, N. Y. Suits, overcoats, topcoats, etc. Serial No. 402,409; July 26. Class 39.

Bostonia Beverages, Inc., doing business as Nine Grand Products Company, Natick, Mass. Maltless beverages, syrups, extracts, and flavors used in making the same. Serial No. 407,258; July 26. Class 45.

Bourjois, Inc., New York, N. Y. Perfume. Serial No. 407,488; July 26. Class 6.

Boye Needle Company, The, Chicago, Ill. Slide fasteners. Serial No. 404,028; July 26. Class 13.

Brickner & Bernfeld, Inc., New York, N. Y. Fur skins. Serial No. 394,574; July 26. Class 1.

Brown-Forman Distillery Company, Louisville, Ky. Whiskey. Serial No. 407,259; July 26. Class 49.

Bulliard, Edmond, doing business as Evangeline Pepper & Food Products, St. Martinville, La. Sauces. Serial No. 392,678; July 26. Class 46.

Buscarlet Glove Co. Inc., New York, N. Y. Leather gloves. Serial No. 406,676; July 26. Class 39.

Busse, R. L., Company Incorporated, Cincinnati, Ohio. Whiskey, gin, rum, etc. Serial No. 407,851; July 26. Class 49.

C-K-R Company, The, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rakes and parts thereof. Serial No. 403,755; July 26. Class 23.

Cable and Glading, Drexel Hill, Pa. Preparations for diseases of the liver, cough syrups, liniments, etc. Serial No. 400,947; July 26. Class 6.

Cairo, Anthony, doing business as Edith Cavell Candy Company, Chicago, Ill. Candy. Serial No. 404,562; July 26. Class 46.

Carroll, Thomas L., doing business as The Modern Milk Products Co., Chicago, Ill. Compound of vegetable oils and skimmed milk as a food product. Serial No. 383,673; July 26. Class 46.

Cavell, Edith, Candy Company. (See Cairo, Anthony.)

Celluloid Corporation, Newark, N. J. Box covers, display boxes, containers, etc. Serial No. 403,636; July 26. Class 2.

Central Hardware Co., St. Louis, Mo. Wall tiles. Serial No. 406,211; July 26. Class 12.

Chemco Photoproducts Company, Glen Cove, N. Y. Photographic and photo-engraving product. Serial No. 406,090; July 26. Class 26.

Chex Laboratories Company, Des Moines, Iowa. Tooth powders and tooth paste. Serial No. 402,885; July 26. Class 6.

Chex Laboratories Company, Des Moines, Iowa. Tooth powders and tooth paste. Serial No. 402,719; July 26. Class 6.

Chieregatti, Harry J., doing business as Effer-Lax Company, New York, N. Y. Chocolate flavored effervescent laxative and antacid preparation. Serial No. 407,056; July 26. Class 6.

Church & Dwight Co. Inc., New York, N. Y. Baking soda. Serial No. 401,764; July 26. Class 46.

Ciampa, Anthony, Bolivar, N. Y. Italian spaghetti sauce. Serial No. 406,959; July 26. Class 46.

Coast Chemical Company, Inc., Los Angeles, Calif. Medicated oils; and cosmetics. Serial No. 406,549; July 26. Class 6.

Cohen, Meyer. (See Excello Hygienic Products Corporation, assignor.)

Colloidal Pharmacals Co., New York, N. Y. Skin lotion. Serial No. 404,981; July 26. Class 6.

Colonial Textiles, Inc., New York, N. Y. Cheesecloth. Serial No. 405,915; July 26. Class 42.

Corn Products Refining Company, New York, N. Y. Preparation for frostings, fillings, sauces, etc. Serial No. 403,677; July 26. Class 46.

Corona Foothill Lemon Company, Corona, Calif. Fresh citrus fruit. Serial No. 407,133; July 26. Class 46.

Cosmetic Laboratories. (See Ordel, Charles.)

Curran Corporation, The, doing business as The Belmont Co., Malden, Mass. Lubricating oil. Serial No. 405,594; July 26. Class 15.

Current Ideas Publishing Company, Chicago, Ill. Periodical publication. Serial No. 406,504; July 26. Class 38.

D'Arrigo Bros. Company, San Jose, Calif. Fresh vegetables, fresh deciduous fruits, fresh citrus fruits, etc. Serial No. 407,135; July 26. Class 46.

Daly, Aubrey T., Washington, D. C. Candles. Serial No. 391,902; July 26. Class 46.

Denver Dry Goods Co., The, Denver, Colo. Saddles. Serial No. 406,376; July 26. Class 3.

Desert Citrus Products Association, Tempe, Ariz. Canned citrus fruit juices. Serial No. 404,836; July 26. Class 46.

Devine, David R. C., Philadelphia, Pa. Medical preparation. Serial No. 406,049; July 26. Class 6.

Distillers Company, Limited, The, Linden, N. J., and New York, N. Y. Gin. Serial No. 406,963; July 26. Class 49.

Dormire, Ford H., Fenton, Mich. Fly boxes. Serial No. 404,124; July 26. Class 22.

Doughnut Corporation of America, New York, N. Y., also doing business as Fixt Products, Ellicott City, Md. Flour, doughnuts, and cake. Serial No. 394,130; July 26. Class 46.

Dow Chemical Company, The, Midland, Mich. Films, foil, or sheets. Serial No. 399,403; July 26. Class 37.

Drannon, Mrs. R. E., doing business as Jean Norris Laboratories, Los Angeles, Calif. Protective nail coating and a nail enamel. Serial No. 406,282; July 26. Class 6.

Duncan, Daisy D., doing business as The Duncan Chemical Company, St. Louis, Mo. Medicines. Serial No. 406,330; July 26. Class 6.

Dyde, Gerald B., Portland, Oreg. Waterproofing composition for textiles. Serial No. 403,401; July 26. Class 6.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. High boiling oily esters. Serial No. 406,019; July 26. Class 6.

Eastyarn, Inc., Brooklyn, N. Y. Yarns. Serial No. 377,501; July 26. Class 43.

Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine. Serial No. 402,966; July 26. Class 24.

Effer-Lax Company. (See Chieregatti, Harry J.)

Electro Products Company. (See Stewart, Patterson O.)

Empire Tobacco Company, Kansas City, Mo. Smoking tobacco. Serial Nos. 405,062–3; July 26. Class 17.

Erpi Classroom Films Inc., New York, N. Y. Talking motion picture films. Serial No. 405,491; July 26. Class 26.

Evangeline Pepper & Food Products. (See Bulliard, Edmond.)

Excello Hygienic Products Corporation, assignor, by mesne assignments, to M. Cohen, New York, N. Y. Prophylactic rubber articles. Serial No. 390,953; July 26. Class 44.

Extermital Chemical Company. (See Westerfield Pharmacal Co., The.)

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Feshbach & Ackerman Fur Corp., New York, N. Y. Periodical publication. Serial No. 402,369; July 26. Class 38.

Finch Leon, Ltd., Los Angeles, Calif. Synthetic enamels. Serial Nos. 404,636–7; July 26. Class 16.

Firth-Sterling Steel Company, McKeesport, Pa. Steel. Serial No. 407,096; July 26. Class 14.

Fish-Schurman Corporation, New York, N. Y. Crucibles, filter tubes, ignition dishes, etc. Serial No. 401,526; July 26. Class 26.

Fixt Products. (See Doughnut Corporation of America.)

Foremost Dairies, Inc., Jacksonville, Fla. Ice cream. Serial No. 397,967; July 26. Class 46.

Frailey Products, Inc., Norwalk, Conn. Soap, shaving cream, soap powder, etc. Serial No. 400,230; July 26. Class 4.

Frailey Products, Incorporated, Norwalk, Conn. Medicinal preparation. Serial No. 405,199; July 26. Class 6.

Franklin Simon & Co., Inc., New York, N. Y. Women's hosiery. Serial No. 406,196; July 26. Class 39.

Freed, Rose, Los Angeles, Calif. Ladies' underwear. Serial No. 407,138; July 26. Class 39.

Freedman & Company, Harrisburg, Pa. Hosiery, underwear, gloves, etc. Serial No. 402,218; July 26. Class 39.

Fulton Bag & Cotton Mills, Atlanta, Ga. Bags of cotton or other fabric. Serial No. 406,756; July 26. Class 2.

Garofalo Bros. Co., Chicago, Ill. Canned fruits and canned vegetables. Serial Nos. 392,686–7; July 26. Class 46.

Gas-Gun Mfg. Co., The. (See Miller, Milo F.)

Geffen Industries, Inc., Long Island City, N. Y. Wines. Serial No. 406,270; July 26. Class 47.

Gelke Laboratories, Inc., Indianapolis, Ind. Pharmaceutical preparation. Serial No. 404,699; July 26. Class 6.

Geraldine Hat Co., Inc., New York, N. Y. Ladies', misses', and children's hats. Serial No. 405,925; July 26. Class 39.

Gibson, Clair J., Los Angeles, Calif. Elements used in forming a porous pack for the perforated liners in deep wells. Serial No. 399,081; July 26. Class 12.

Gimbel Brothers, Inc., New York, N. Y. Eggs and hams. Serial No. 385,093; July 26. Class 46.

Glass Bowl, The. (See Sher, Maurice.)

Glidden Company, The, Cleveland, Ohio. Soybean grits. Serial No. 405,500; July 26. Class 46.

Globe Knitting Works, Grand Rapids, Mich. Women's and misses' fabric gloves. Serial No. 404,305; July 26. Class 39.

Goldsmith Bros., New York, N. Y. Sanitary napkins. Serial No. 406,551; July 26. Class 44.

Gorton, Thomas S., Jr., doing business as Slade Gorton Company, Chicago, Ill. Fish. Serial No. 403,175; July 26. Class 46.

Gould, Elizabeth, Brooklyn, N. Y. Shampoo. Serial No. 405,502; July 26. Class 6.

Governair Corporation, Oklahoma City, Okla. Air conditioning units. Serial No. 406,130; July 26. Class 34.

Griffin, J. W., doing business as Atlanta Salesbook Company, Atlanta, Ga. Salesbooks, sales slips, and statements. Serial No. 405,926; July 26. Class 37.

Hall Hardware Company, Minneapolis, Minn. Fish lines. Serial No. 406,923; July 26. Class 22.

Handschin & Ronus Aktiengesellschaft, Liestal, Switzerland. Dresses, underwear, pajamas, hosiery. Serial No. 406,681; July 26. Class 39.

Harold Fabrics, New York, N. Y. Piece goods. Serial No. 407,062; July 26. Class 42.

Heiman, Arthur S., New York, N. Y. Rayon piece goods. Serial No. 403,687; July 26. Class 42.

Heinrich Pharmacal Co. (See Pfeiffer, S., Mfg. Co.)

Heller, B., & Company, Chicago, Ill. Preparation for killing bed bugs. Serial No. 405,878; July 26. Class 6.

Holeproof Hosiery Co., Milwaukee, Wis. Corsets, girdles, gowns, etc. Serial No. 402,975; July 26. Class 39.

Holeproof Hosiery Co., Milwaukee, Wis. Underwear for women. Serial No. 405,389; July 26. Class 39.

Horwitz & Duberman, New York, N. Y. Dresses, jackets, and coats. Serial No. 406,337; July 26. Class 39.

House of Bobbie, Inc., The, Marion, Ohio. Pipe smoking tobacco. Serial No. 389,214; July 26. Class 17.

Hudnut, Alex., Pharmacy of N. Y., New York, N. Y. Hair treating preparations, cosmetics, etc. Serial No. 403,315; July 26. Class 6.

Huff, Jay T., Poughkeepsie, N. Y. Shoes and slippers. Serial No. 402,298; July 26. Class 39.

Hurst, Adolphe, & Co. Inc., New York, N. Y. Medicament. Serial No. 406,338; July 26. Class 6.

Iowa Limestone Company, Des Moines, Iowa. Crushed rock. Serial No. 399,663; July 26. Class 1.

Jaffe, Esther, Brooklyn, N. Y. Preparation for relieving the discomforts of simple burns, sun burns, etc. Serial No. 406,620; July 26. Class 6.

Jamieson, Paul H., doing business as Jamieson Products Co., Redondo Beach, Calif. Compositions employed in photographic pictorial control. Serial No. 406,340; July 26. Class 6.

Jampoller, Jacob, New York, N. Y. Hats, silk neckties, sport clothing. Serial No. 404,365; July 26. Class 39.

Jenaer Glaswerk Schott & Gen., Jena, Germany. Graduated bottles, beakers, flasks, test glasses, etc. Serial No. 376,159; July 26. Class 26.

Jenaer Glaswerk Schott & Gen., Jena, Germany. Graduated bottles, beakers, flasks, test glasses, etc. Serial No. 378,964; July 26. Class 26.

Jiranek, Leo A., New York, N. Y. Furniture. Serial Nos. 405,391–2; July 26. Class 32.

Kafka, Melvin T., New York, N. Y. Transparent cover for jackets and book covers. Serial No. 405,776; July 26. Class 37.

Karrant, Lovie, doing business as LO.K.-Manufacturing Co., Claremore, Okla. Catamenial garments. Serial No. 406,385; July 26. Class 44.

Kelmoor Fox and Fur Farm, Inc., Thompson, Ohio. Fox pelts and live foxes. Serial No. 403,821; July 26. Class 1.

Kersting, Albert H., doing business as Acme Spring Sash Balance Co., Los Angeles, Calif. Spring sash balances. Serial No. 406,220; July 26. Class 13.

Kobacker Stores, Inc., Tiedtke Division, Toledo, Ohio. Butter. Serial No. 404,220; July 26. Class 46.

Koch, Wm. F., doing business as Koch Laboratories, Detroit, Mich. Preparation for allergy-neoplasia-infections. Serial No. 407,188; July 26. Class 6.

Kroesen Manufacturing Co., Long Beach, Calif. Sportswear. Serial No. 390,371; July 26. Class 39.

Krotoff, Rene, Paris, France. Pharmaceutical products. Serial No. 398,728; July 26. Class 6.

Lambert Pharmacal Company, Wilmington, Del., and St. Louis, Mo. Effervescent antacid and laxative preparation. Serial No. 404,853; July 26. Class 6.

La Mode Studios, Inc., New York, N. Y. Electric lamps. Serial No. 405,700; July 26. Class 21.

Lamont, Corliss & Company, New York, N. Y. Prepared edible chocolate. Serial No. 373,421; July 26. Class 46.

Lancaster Brewing Company, The, Lancaster, Ohio. Beer. Serial No. 407,551; July 26. Class 48.

Lapp Laboratories, Incorporated, Nevada, Iowa. Food concentrate or supplement. Serial No. 392,220; July 26. Class 46.

Lee County Packing Company, Fort Myers, Fla. Fresh oranges, lemons, grapefruit, etc. Serial No. 399,305; July 26. Class 46.

Lee, H. D., Mercantile Company, The, Kansas City, Mo. Work gloves. Serial No. 402,686; July 26. Class 39.

Lees, James, & Sons Company, Bridgeport, Pa. House organ. Serial No. 404,994; July 26. Class 38.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits and topcoats. Serial No. 400,774; July 26. Class 39.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits and topcoats. Serial Nos. 400,776–7; July 26. Class 39.

Libbey Glass Company, Toledo, Ohio. Drinking glasses, fruit cups, berry dishes, etc. Serial No. 396,366; July 26. Class 33.

Link, Otto, & Co. Inc., New York, N. Y. Reeds. Serial No. 405,730; July 26. Class 36.

Lit Brothers, Philadelphia, Pa. Gas ranges. Serial No. 406,062; July 26. Class 34.

Logston, Pat, doing business as Southern Cooperative Canneries, Los Angeles, Calif. Canned fruits, canned vegetables, canned hominy, etc. Serial No. 406,390; July 26. Class 46.

LO.K.-Manufacturing Co. (See Karrant, Lovie, assignor.)

London House, Ltd., New York, N. Y. Perfume. Serial No. 406,518; July 26. Class 6.

Lorraine Manufacturing Company, Pawtucket, R. I. Fabrics. Serial No. 406,981; July 26. Class 42.

Luvos Clay Company of America, Los Angeles, Calif. Dieti-cum clay. Serial No. 406,079; July 26. Class 1.

M. R. C. Limited, London, England. Mechanical remote control devices. Serial No. 401,158; July 26. Class 23.

Mallary, Inc., New Rochelle, N. Y. Furniture. Serial No. 406,817; July 26. Class 32.

Marchant Calculating Machine Company, Emeryville, Calif. Trade journal. Serial No. 406,556; July 26. Class 38.

Markowitz, Louis J., New York, N. Y. Shirts, underwear, ties, etc. Serial No. 405,305; July 26. Class 39.

Massengill Specialties Corporation, The, Bristol, Tenn. Pharmaceutical preparation. Serial No. 407,235; July 26. Class 6.

Massey-Harris Company, The, Racine, Wis. Combine harvesters. Serial No. 406,818; July 26. Class 23.

McCrory Stores Corporation, New York, N. Y. Vacuum bottles. Serial No. 406,460; July 26. Class 2.

McDonald, George W., doing business as National Benevolent Company, Tulsa, Okla. Stamps of the nature to be fixed in albums. Serial No. 400,981; July 26. Class 38.

Mid-States Gummed Paper Co., Chicago, Ill. Gummed paper tape. Serial No. 406,462; July 26. Class 37.

Miller, Albert, & Co., Chicago, Ill. Paper bags for potatoes. Serial No. 405,263; July 26. Class 2.

Miller, John Henry, Inc., New York, N. Y. Mineral oil. Serial No. 407,070; July 26. Class 6.

Miller, Milo F., doing business as The Gas-Gun Mfg. Co., Kansas City, Mo. Rat poison. Serial No. 407,600; July 26. Class 6.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Mission Dry Corporation, Los Angeles, Calif. Gin and sloe gin. Serial No. 403,013; July 26. Class 49.

Modern Milk Products Co., The. (See Carroll, Thomas L.)

Monark Silver King, Inc., Chicago, Ill. Bicycles. Serial No. 399,196; July 26. Class 19.

Monark Silver King, Inc., Chicago, Ill. Bicycles. Serial No. 399,198; July 26. Class 19.

Moreno Bros., Inc., Los Angeles, Calif. Fresh deciduous fruits, fresh citrus fruits, fresh vegetables, etc. Serial No. 406,299; July 26. Class 46.

Morey, Robert, New Haven, Conn. Card game and its accessories. Serial No. 406,983; July 26. Class 22.

Morse & Skinner, Lodi, Calif. Fresh grapes. Serial No. 406,559; July 26. Class 46.

Moto-Vita Co. (See Russo, Salvatore.)

N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Lighting glassware. Serial No. 402,310; July 26. Class 34.

National Benevolent Company. (See McDonald, George W.)

Natto-Barro Co., Los Angeles, Calif. Clay product used for animals and humans as a poultice compressor. Serial No. 401,871; July 26. Class 6.

Nepperban Sales Company, Inc., New York, N. Y. Electrically-insulating varnished products. Serial No. 396,745; July 26. Class 21.

Neptune Mfg. Co., Louisville, Ky. Overcoats and topcoats. Serial No. 406,770; July 26. Class 39.

New Hampshire Diatomite Company, Portsmouth, N. H. Filter aids prepared from diatomaceous earth. Serial No. 406,028; July 26. Class 31.

Nine Grand Products Company. (See Bostonia Beverages, Inc.)

Norcross, New York, N. Y. Greeting cards, calendars, and decorative painted tags. Serial No. 406,771; July 26. Class 38.

Norris, Jean, Laboratories. (See Drannon, Mrs. R. E.)

North American Food Corporation, New York, N. Y. Mayonnaise, salad dressing, and sandwich spread. Serial No. 404,951; July 26. Class 46.

Northern Incandescent Lamp Company. (See Werner, Robert G.)

Norwalk Tire & Rubber Company, Inc., The, Norwalk, Conn. Tires and inner tubes. Serial No. 407,197; July 26. Class 35.

O-Cedar Corp'n., Chicago, Ill. Mops. Serial No. 405,934; July 26. Class 29.

Odora Company, Inc., New York, N. Y. Paperboard or corrugated paperboard storage receptacles. Serial No. 406,524; July 26. Class 2.

Old Joe Distilling Company, Lawrenceburg, Ky. Whiskeys. Serial No. 367,937; July 26. Class 49.

Olden Minerals, Incorporated, Los Angeles, Calif. Pharmaceutical preparations. Serial No. 407,467; July 26. Class 6.

Onondaga Silk Company, Inc., New York, N. Y. Silk piece goods. Serial No. 406,874; July 26. Class 42.

Oppleman, L., Inc., New York, N. Y. Range finder for cameras. Serial No. 406,599; July 26. Class 26.

Ordel, Charles, doing business as Cosmetic Laboratories, South Beach, N. Y. Face powders. Serial No. 406,652; July 26. Class 6.

Osmo Garden Company, The, Philadelphia, Pa. Sterile medium to facilitate the growth of seeds, cuttings, and seedlings. Serial No. 391,823; July 26. Class 50.

Pan American Airways, Inc., New York, N. Y. Magazine. Serial No. 387,612; July 26. Class 38.

Parker, Wilder & Co., New York, N. Y. Woolen piece goods. Serial No. 406,877; July 26. Class 42.

Parrot Speed Fastener Corp., New York and Long Island City, N. Y. Paper fasteners, prongs for paper fasteners, etc. Serial No. 402,271; July 26. Class 37.

Parsons-Faulkner Co. Inc., The, Ashland, Ky. Suits, overcoats, hats, etc. Serial No. 401,944; July 26. Class 39.

Petroleum Register Corporation, New York, N. Y. Periodical publication. Serial No. 406,225; July 26. Class 38.

Pevely Dairy Company, St. Louis, Mo. Cream cheese. Serial No. 390,281; July 26. Class 46.

Pfeiffer, S., Mfg. Co., doing business as Heinrich Pharmacal Co., St. Louis, Mo. Medicinal solution for darkening gray and fading hair. Serial No. 407,685; July 26. Class 6.

Philadelphia Daily News, Inc., Philadelphia, Pa. Section of a newspaper. Serial No. 402,202; July 26. Class 38.

Pictograf Corporation, Carson City, Nev., and Hollywood, Calif. Wood-cased lead pencils, mechanical lead pencils, etc. Serial No. 405,970; July 26. Class 37.

Pig Peggy Company, Brockton, Mass. Paddle to be used for playing a paddle and peg game. Serial No. 406,669; July 26. Class 22.

Plowaty Bros. Inc., Chicago, Ill. Fresh citrus fruits. Serial No. 397,485; July 26. Class 46.

Polstray Co., Inc., New York, N. Y. Preparation for relief of piles. Serial No. 407,686; July 26. Class 6.

Porcelain Products, Inc., Findlay, Ohio. High tension electrical insulators. Serial No. 404,265; July 26. Class 21.

Prescott Company, The, Menominee, Mich. Sawmill and mining machinery, accessories, and parts. Serial No. 404,056; July 26. Class 23.

Protex Products Co., Inc., Jersey City, N. J. Garment hanger protectors and trousers and pants guards. Serial No. 406,525; July 26. Class 50.

Purex Corporation, Ltd., South Gate, Calif. Drain opener and toilet bowl cleanser. Serial No. 407,159; July 26. Class 6.

Quality Brand, Inc., San Francisco, Calif. Wines. Serial No. 406,099; July 26. Class 47.

RCA Manufacturing Company, Inc., Camden, N. J. Radio receiving sets, television receiving sets, etc. Serial No. 406,670; July 26. Class 21.

Richey & Gilbert Company, Yakima, Wash. Fresh deciduous fruits. Serial No. 406,732; July 26. Class 46.

Rising Sun Bottling Works, Philadelphia, Pa. Lemon soda. Serial No. 407,329; July 26. Class 45.

Rival Manufacturing Company. (See Talge, Foster L.)

Robinson, Oskar, Warsaw, Poland. Canned ham and canned picnic hams. Serial No. 399,728; July 26. Class 46.

Roche-Organon, Inc., Nutley, N. J. Medicinal preparation. Serial No. 407,249; July 26. Class 6.

Rohm & Haas Company, Philadelphia, Pa. Water soluble resinous materials. Serial No. 407,562; July 26. Class 6.

Roselux Chemical Co. Inc., New York, N. Y. Liquid waxing compounds. Serial No. 401,318; July 26. Class 16.

Roselux Chemical Co. Inc., New York, N. Y. Cleaning compound. Serial No. 405,971; July 26. Class 4.

Rosenholz, J., Inc., New York, N. Y. Piece goods. Serial No. 406,880; July 26. Class 42.

Russo, Salvatore, doing business as Moto-Vita Co., New York, N. Y. Aperitive tonics and stomachics. Serial No. 392,891; July 26. Class 6.

Salsinger, Frank R., Wyoming, Pa. Series of special articles. Serial No. 405,897; July 26. Class 38.

Schmid, Julius, Inc., New York, N. Y. Douche powder. Serial No. 390,811; July 26. Class 6.

Scott & Bowne, Bloomfield, N. J. Vaginal antiseptic. Serial No. 406,103; July 26. Class 6.

Selchow & Righter Company, New York, N. Y. Game pieces for use in playing "jacks". Serial No. 407,037; July 26. Class 22.

Sheet Polarizer Company, Inc., Union City, N. J. Composite material. Serial No. 400,038; July 26. Class 26.

Sheffield Company, The, New York, N. Y., and New London, Conn. Tooth paste and tooth powder. Serial No. 392,610; July 26. Class 6.

Sher, Maurice, doing business as The Glass Bowl, Columbus, Ohio. Coffee. Serial No. 406,946; July 26. Class 46.

Siebel Publishing Company, Chicago, Ill. Periodical. Serial No. 401,792; July 26. Class 38.

Sitton, William N., St. Louis, Mo. Women's shoes. Serial No. 406,039; July 26. Class 39.

Smith, L. C., & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machines. Serial No. 406,605; July 26. Class 23.

Societe Anonyme Boralex, Le Quesnoy, France. Plate glass, crystal glass. Serial No. 398,275; July 26. Class 33.

Southern Cooperative Canneries. (See Logston, Pat.)

Southwestern Mill Distributors. (See Sterling, Benjamin B.)

Standard Wholesale Grocery Co., Chicago, Ill. Canned fruits, canned vegetables, canned fish, etc. Serial No. 392,506; July 26. Class 46.

Stensgaard, W. L., & Associates, Inc., Chicago, Ill. Advertising figures, devices, and display settings. Serial No. 403,971; July 26. Class 50.

Sterling, Benjamin B., doing business as Southwestern Mill Distributors, El Paso, Tex. Wrapping paper, butcher paper, wax paper, etc. Serial No. 401,454; July 26. Class 37.

Stewart, Patterson O., doing business as Electro Products Company, New York, N. Y. Vacuum gauges for automobiles. Serial No. 404,456; July 26. Class 26.

Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensers and compressors; lubricant receiving fittings, etc. Serial No. 386,564; July 26. Class 23.

Stylepark Hats, Inc., Camden, N. J. Hats and caps. Serial No. 404,731; July 26. Class 39.

Summers, Walter G., New York, N. Y. Device for the measurement of emotions and the detection of deception. Serial No. 405,623; July 26. Class 26.

Sunny Hills Wineries, Inc., Chicago, Ill. Wines. Serial No. 405,138; July 26. Class 47.

Sweet's Steel Company, Williamsport, Pa. Steel fence posts and steel posts for supporting signs and billboards. Serial No. 400,805; July 26. Class 13.

Talge, Foster L., doing business as Rival Manufacturing Company, Kansas City, Mo. Base metal steak platters. Serial No. 406,534; July 26. Class 13.

Tileston & Hollingsworth Company, Boston, Mass. Package of printing paper. Serial No. 390,568; July 26. Class 37.

Tinney, Hazel, Alamagordo, N. Mex. Plows. Serial No. 397,989; July 26. Class 23.

Towhill, Winifred A., Melrose, Mass. Belts, sweaters, sport suits, etc. Serial No. 405,625; July 26. Class 39.

Train & McIntyre, Limited, Glasgow, Scotland. Whisky. Serial No. 406,234; July 26. Class 49.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Trojan Maid, Incorporated, New York, N. Y. Children's dresses and boys' suits. Serial No. 401,538; July 26. Class 39.

Ultra Violet Products Incorporated, Los Angeles, Calif. Quartz ultra violet fluorescent lamp. Serial No. 393,559; July 26. Class 26.

Union Paper & Twine Company, The, Cleveland, Ohio. Wrapping papers, paper envelopes, sheathing papers, etc. Serial No. 386,231; July 26. Class 37.

United Biscuit Company, Chicago, Ill. Zwieback. Serial No. 405,532; July 26. Class 46.

United Feature Syndicate, Inc., New York, N. Y. Comic drawings. Serial No. 406,480; July 26. Class 38.

Valenju, Incorporated, Chicago, Ill. Beverages, syrups, extracts and concentrates used in making the same. Serial No. 407,399; July 26. Class 45.

Valenju, Incorporated, Chicago, Ill. Beverages, syrups, extracts and concentrates used in making the same. Serial No. 407,401; July 26. Class 45.

Veldown Company, Inc., New York, N. Y. Cleansing tissues. Serial No. 405,228; July 26. Class 37.

Veldown Company, Inc., New York, N. Y. Toilet tissue. Serial No. 405,229; July 26. Class 37.

Veldown Company, Inc., New York, N. Y. Catamenial bandages. Serial No. 405,230; July 26. Class 44.

Velveray Corporation of America, New York, N. Y. Piece goods. Serial No. 406,309; July 26. Class 42.

Velveray Corporation of America, New York, N. Y. Piece goods. Serial Nos. 406,311–12; July 26. Class 42.

Wagner Specialty Company, Burlington, Wis. Faucets for use on oil and gas drums. Serial No. 406,790; July 26. Class 13.

Walker & Sellers, Tampa, Fla. Fruit juices. Serial Nos. 406,893–4; July 26. Class 46.

Walsh, Christy, doing business as The Christy Walsh Management, New York, N. Y. Newspaper articles. Serial No. 400,710; July 26. Class 38.

Welsh Co., St. Louis, Mo. Baby carriages. Serial No. 406,159; July 26. Class 19.

Werner, Robert G., doing business as Northern Incandescent Lamp Company, Hoboken, N. J. Electric lamp bulbs. Serial No. 405,535; July 26. Class 21.

Westerfield Pharmacal Co., The, doing business as Extermital Chemical Company, Dayton, Ohio. Insecticides. Serial No. 406,407; July 26. Class 6.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical luminaires. Serial No. 395,104; July 26. Class 21.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioners. Serial No. 406,843; July 26. Class 34.

Westminster Steel Company, New York, N. Y. Razor blades. Serial No. 402,751; July 26. Class 23.

Willits Shoe Company, Halifax, Pa. Shoes. Serial No. 406,317; July 26. Class 39.

Wilson, Ralph W., Company, Inc., New York, N. Y. Caps for receptacles. Serial No. 406,266; July 26. Class 50.

Young, L. Romaine, Inc., Seattle, Wash. Denture rebases. Serial No. 400,270; July 26. Class 44.

LIST OF REGISTRANTS OF TRADE-MARKS

Abercrombie & Fitch Company, New York, N. Y. Men's jackets, coats, trousers, etc. 358,781; July 26; Serial No. 390,760; published Aug. 10, 1937. Class 39.

Adams-Barre Company, The, Columbus, Ohio. Collapsible tents, chapel tents, and temporary shelters. 258,992; July 26. Class 50.

Allied Earthen Products Company. (See Larkin, James F.)

Altschul, Julius, Inc., New York, N. Y. Women's and children's shoes. 358,912; July 26; Serial No. 403,711; published May 17, 1938. Class 39.

Aluminum Seal Company, Arnold, Pa. Caps and closure seals for bottles, etc. 358,880; July 26; Serial No. 403,292; published May 17, 1938. Class 50.

American Acro Co. (See Hasse, Erich A.)

American Bitumuls Company, Wilmington, Del., and San Francisco, Calif. Asphalt, asphalt emulsions, asphalt compositions. 358,957; July 26; Serial No. 404,559; published May 17, 1938. Class 12.

American District Steam Company, North Tonawanda, N. Y. Hollow tile conduit sections for water pipes. 358,763; July 26; Serial No. 358,870; published Apr. 26, 1938. Class 12.

American Fluresit Company, The, Cincinnati, Ohio. Substance for rendering mortar and mortar-forming materials waterproof. 358,891–2; July 26; Serial Nos. 403,387–8; published May 3, 1938. Class 12.

American Institute of the City of New York, The, New York, N. Y. Magazines. 358,869; July 26; Serial No. 403,067; published Apr. 26, 1938. Class 38.

American Lady Corset Co., Detroit, Mich. Corsets, girdles, brassières, etc. 358,809; July 26; Serial No. 401,324; published Apr. 26, 1938. Class 39.

Anaconda Wire & Cable Company, New York, N. Y. Insulated electrical wire and cable. 358,951–2; July 26; Serial Nos. 404,508–9; published May 17, 1938. Class 21.

Anaconda Wire & Cable Company, New York, N. Y. Insulated electrical wire and cable. 358,953–4; July 26; Serial Nos. 404,511–2; published May 17, 1938. Class 21.

Angelo Products Company, Stamford, Conn. Candles. 358,749; July 26; Serial No. 398,304; published Apr. 19, 1938. Class 15.

Atlas Luggage Mfg. Co., Inc., New York, N. Y. Suit cases, wardrobe and steamer trunks, etc. 358,937; July 26; Serial No. 404,285; published May 17, 1938. Class 3.

Auctionite, Inc., Newark, N. J. Games and accessories used in connection with games. 358,960; July 26; Serial No. 404,680; published May 17, 1938. Class 22.

Automobile Club of Maryland, The, Baltimore, Md. Official publication. 358,744; July 26; Serial No. 397,527; published May 10, 1938. Class 38.

Bak-A-Namel, Inc., Los Angeles, Calif. Wall covering materials. 358,746; July 26; Serial No. 397,604; published May 17, 1938. Class 12.

Barber, W. H., Company, Minneapolis, Minn. Petroleum products. 358,893; July 26; Serial No. 403,392; published May 3, 1938. Class 15.

Bardstown Distillery, Inc., Bourbon Springs, Bardstown, Ky. Whiskey. 358,923; July 26; Serial No. 403,980; published May 17, 1938. Class 49.

Barg, William, doing business as True Form Corset Company, Philadelphia, Pa. Girdles, brassières, and bandeaux. 358,918; July 26; Serial No. 403,851; published May 17, 1938. Class 39.

Barge, George H., Jamaica, Long Island, N. Y. Cement. 358,826; July 26; Serial No. 402,111; published May 17, 1938. Class 5.

Beck, Mitchel, Company, New York, N. Y. Nuts. 358,795; July 26; Serial No. 400,784; published Feb. 8, 1938. Class 46.

Belding Heminway Company, New York, N. Y. Silk, artificial silk, and rayon thread. 358,928; July 26; Serial No. 404,109; published May 17, 1938. Class 43.

Bell & Zoller Coal Company, Chicago, Ill. Coal. 358,799; July 26; Serial No. 400,901; published May 17, 1938. Class 1.

Benziger Brothers, New York, N. Y. Chalices, ciboria, candlesticks, etc. 358,731; July 26; Serial No. 394,218; published Apr. 19, 1938. Class 28.

Berksons Leather Co. Inc., New York, N. Y. Raw leather and cut sole leather. 358,881; July 26, 1938. Serial No. 403,299; published May 17, 1938. Class 1.

Best, Cyril, London, England. Charts, sheets, tables, etc. 358,857; July 26; Serial No. 402,837; published Apr. 12, 1938. Class 38.

Blanchard, Alva G., doing business as The Inferno Company, Shreveport, La. Illuminated boiler water level gauges and gauge valves. 358,838; July 26; Serial No. 402,465; published May 3, 1938. Class 26.

Blanchard, Alva G., doing business as The Inferno Company, Shreveport, La. Illuminated boiler water level gauges and gauge valves. 358,839; July 26; Serial No. 402,467; published May 3, 1938. Class 26.

Blossom Products Corporation, Allentown, Pa. Suits, underwear, hosiery, rompers, etc. 358,765; July 26; Serial No. 373,246; published Mar. 17, 1936. Class 39.

Blossom Products Corporation, Allentown, Pa. Suits, underwear, shoes, etc. 358,766; July 26; Serial No. 378,718; published Apr. 7, 1936. Class 39.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 358,776; July 26; Serial No. 390,261; published May 17, 1938. Class 42.

Boker, H., & Co., Inc., New York, N. Y. Manicure and pedicure nippers. 358,772; July 26; Serial No. 387,371; May 24, 1938. Class 44.

Bond Shoe Co., Inc., New York, N. Y. Shoes. 358,878; July 26; Serial No. 403,194; published May 17, 1938. Class 39.

Bosco Company, New York, N. Y. Periodic program skits for radio stations. 358,929; July 26; Serial No. 404,116; published May 17, 1938. Class 38.

Breitholtz, Sigrid, New York, N. Y. Hollandaise sauce. 358,750; July 26; Serial No. 398,651; published May 17, 1938. Class 46.

Brewster Cigar Co., Seattle, Wash. Smoking tobacco, including cigars, etc. 358,740; July 26; Serial No. 396,975; published May 17, 1938. Class 17.

Bridgewater Woolen Company, Bridgewater, Vt., and New York, N. Y. Woolen fabrics. 358,919; July 26; Serial No. 403,853; published May 17, 1938. Class 42.

Broome's Incorporated, Seattle, Wash. Chicken noodles, sauce. 358,764; July 26; Serial No. 360,430; published May 17, 1938. Class 46.

Browning, King & Co. of New York, Inc., New York and Brooklyn, N. Y. Wearing apparel. 358,797–8; July 26; Serial Nos. 400,827–8; published May 10, 1938. Class 39.

Buscarlet Gloves Co. Inc., New York, N. Y. Leather gloves. 359,002–3; July 26. Class 39.

Butterfield, Fred, & Co., Inc., New York, N. Y. Fabrics. 358,788; July 26; Serial No. 400,187; published May 17, 1938. Class 42.

Cable Raincoat Company, Boston, Mass. Textile piece goods. 358,942; July 26; Serial No. 404,351; published May 17, 1938. Class 42.

California Laundry Equipment Co., Oakland, Calif. Laundry machinery and parts thereof. 358,959; July 26; Serial No. 404,630; published May 24, 1938. Class 24.

California Packing Corporation, San Francisco, Calif. Foods. 123,017; renewed Oct. 8, 1938.

Capson Hat Co., Inc., Fall River, Mass. Men's hats. 359,007; July 26. Class 39.

Casey, William T., Boston, Mass. Cleansing product. 358,934; July 26; Serial No. 404,245; published May 17, 1938. Class 4.

Celotex Corporation, Chicago, Ill. Saturated fiber board products. 358,833; July 26; Serial No. 402,327; published Apr. 12, 1938. Class 12.

Charing Cross Shoes, Ltd., New York, N. Y. Shoes, slippers, and sandles. 358,743; July 26; Serial No. 397,434; published Mar. 15, 1938. Class 39.

Chase, L. C., & Company, Boston, Mass., assignor to Sanford Mills, Sanford, Maine. Fabrics. 123,894; renewed Dec. 17, 1938.

Chase, J. L., Co., Chicago, Ill. Upholstered chairs. 358,930; July 26; Serial No. 404,118; published May 17, 1938. Class 32.

Check Service Corporation, New York, N. Y. Checks. 358,834; July 26; Serial No. 402,363; published May 17, 1938. Class 37.

Chicago Tribune-New York News Syndicate, Inc., New York, N. Y. Series of cartoons. 358,774; July 26; Serial No. 388,901; published May 10, 1938. Class 38.

Chiropody Supply Headquarters, Inc., Chicago, Ill. Electrical machine for giving treatments to the feet. 358,961; July 26; Serial No. 404,688; published May 24, 1938. Class 44.

Cincinnati Oil Works Co., The, Cincinnati, Ohio. Publications. 358,914; July 26; Serial No. 403,754; published May 17, 1938. Class 38.

Cline, Winfield E., doing business as Cline Advertising Service, Boise, Idaho. Printing mats, electrotypes, stereotypes, and photoengravings. 358,849; July 26; Serial No. 402,677; published May 17, 1938. Class 50.

Coal Tar Product Company, Brooklyn, N. Y. Roofing cement. 358,876; July 26; Serial No. 403,166; published May 10, 1938. Class 12.

Coates & Co. (Plymouth) Limited, Plymouth, England. Gin. 358,958; July 26; Serial No. 404,601; published May 17, 1938. Class 49.

Cohn, H. C., & Co., Rochester, N. Y. Neckties. 358,767; July 26; Serial No. 378,131; published Mar. 9, 1937; Class 39.

Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. 358,818; July 26; Serial No. 401,809; published Apr. 12, 1938. Class 28.

Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. 358,843; July 26; Serial No. 402,556; published Apr. 12, 1938. Class 28.

Colorado State Medical Society, The, Denver, Colo. Magazine published periodically. 358,823; July 26; Serial No. 401,922; published Apr. 12, 1938. Class 38.

Commander-Larabee Milling Company, doing business as Minneapolis Milling Company, Minneapolis, Minn. Wheat germ. 358,935; July 26; Serial No. 404,247; published May 17, 1938. Class 46.

Commercial Optical Company. (See Rips, Aaron.)

Continental Oil Company, Ponca City, Okla. Lubricating grease. 358,861; July 26; Serial No. 402,896; published Apr. 12, 1938. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 358,862; July 26; Serial No. 402,897; published Apr. 12, 1938. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating grease. 358,863; July 26; Serial No. 402,899; published Apr. 12, 1938. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 358,864; July 26; Serial No. 402,901; published Apr. 12, 1938. Class 15.

Cook, A. D., Inc., Lawrenceburg, Ind. Shallow and deep well pumps, deep well pumping heads, etc. 358,987; July 26. Class 23.

Corson Manufacturing Company, Incorporated, Lockport, N. Y. Blotter tablets. 358,926; July 26; Serial No. 404,033; published May 17, 1938. Class 37.

Couteaur, Dorothy, New York, N. Y. Outergarments, shoes, stockings, etc. 358,758; July 26; Serial No. 399,648; published May 17, 1938. Class 39.

Crompton Company, West Warwick, R. I. Corduroy fabrics. 358,931; July 26; Serial No. 404,163; published May 17, 1938. Class 42.

Cross, La Detta R., Syracuse, assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Motor-fuel. 123,106; renewed Oct. 15, 1938.

Crown Pearl and Gem, Inc., New York, N. Y. Cultured pearls. 358,784; July 26; Serial No. 393,701; published Apr. 26, 1938. Class 28.

Cutler Shoe Company, Inc., Chicago, Ill. Footwear. 358,735; July 26; Serial No. 395,905; published May 10, 1938. Class 39.

D & D Corporation, Miami Beach, Fla. Race result predicting devices. 358,824; July 26; Serial No. 401,925; published May 17, 1938. Class 22.

Daily Mirror, Inc., New York, N. Y. Newspaper. 358,924; July 26; Serial No. 403,998; published May 10, 1938. Class 38.

Dalmatia Portland Cement Works Company Ltd., Castel Suciuras, Yugo-Slavia. Portland cement. 358,736; July 26; Serial No. 395,907; published Apr. 19, 1938. Class 12.

David, John, New York, N. Y. Socks, union suits, undershirts, etc. 358,975; July 26. Class 39.

Davis, A. Raymond, doing business as Oilless Shacklube Laboratories, Chicago, Ill. Lubricant. 358,964; July 26; Serial No. 404,750; published May 17, 1938. Class 15.

Dearborn Chemical Company, Chicago, Ill. Chemical compound for removing and preventing rust. 122,582; renewed Aug. 27, 1938.

De-Fi-Al Roofing Co., Inc., Newark, N. J. Protective waterproof liquid coating material. 358,816; July 26; Serial No. 401,770; published May 17, 1938. Class 16.

Desert Publishing Company, El Centro, Calif. Magazine. 358,865; July 26; Serial No. 402,937; published May 3, 1938. Class 38.

Detective Comics, Inc., New York, N. Y. Magazine publication. 358,835; July 26; Serial No. 402,364; published May 10, 1938. Class 38.

Detroit Free Press, The, Detroit, Mich. Daily newspaper column. 358,877; July 26; Serial No. 403,170; published May 10, 1938. Class 38.

Dickinson, Albert, Company, The, Chicago, Ill. Stock feed and poultry feed. 358,922; July 26; Serial No. 403,939; published May 17, 1938. Class 46.

Disney, Walt, Productions, Ltd., Los Angeles, Calif. Series of cartoons. 358,747; July 26; Serial No. 397,887; published May 3, 1938. Class 38.

Doddsley Outfitters, Inc., New York, N. Y. Suits, topcoats and overcoats; shirts; etc. 359,000; July 26. Class 39.

Douglas Aircraft Company, Inc., Santa Monica, Calif. Photographs. 358,858; July 26; Serial No. 402,853; published Apr. 19, 1938. Class 38.

Draper Hat Corporation, New York, N. Y. Ladies' hats. 358,977; July 26. Class 39.

Dunhill, Alfred, of London, Inc., New York, N. Y. Smokers' pipes. 358,752; July 26; Serial No. 399,039; published May 17, 1938. Class 8.

Eagle Electric Mfg. Co. Inc., Brooklyn, N. Y. Electric fuse plugs. 358,800; July 26; Serial No. 400,951; published May 17, 1938. Class 21.

Edison Bros. Stores, Inc., St. Louis, Mo. Ladies' shoes and hosiery. 358,994; July 26. Class 39.

Emery Food Company, Chicago, Ill. Canned pears, peaches, cherries and tomatoes. 123,900; renewed Dec. 17, 1938.

Engblad, Karl T. S. E., doing business as Engblads Tapetfabrik, Gothenburg, Sweden. Table covers made of paper, shelving covers made of paper, etc. 358,761; July 26; Serial No. 399,831; published May 17, 1938. Class 37.

English Needle & Fishing Tackle Company Limited, The, Studley, England. Crochet hooks. 358,813; July 26; Serial No. 401,562; published Apr. 26, 1938. Class 40.

Faehndrich, William, Inc., New York, N. Y. Cheese. 358,730; July 26; Serial No. 394,030; published May 17, 1938. Class 46.

Fairchild, E. E., Corporation, Rochester, N. Y. Calendar cards. 358,836; July 26; Serial No. 402,420; published May 17, 1938. Class 38.

Famous Fashion Shop, Inc., Astoria, N. Y. Panties, chemises, slips, etc. 358,990; July 26. Class 39.

Financial Guide Publishing Corporation, New York, N. Y. Daily newspaper. 358,773; July 26; Serial No. 388,440; published May 3, 1938. Class 38.

Finkelstein, Samuel, New York, N. Y. Hats. 358,882; July 26; Serial No. 403,310; published May 17, 1938. Class 39.

Fish, L., Furniture Company, The, Chicago, Ill. Beds, bed springs, studio couches, etc. 358,967; July 26; Serial No. 404,845; published May 17, 1938. Class 32.

Forest City Paint & Varnish Company, The. (See Glidden Company, The.)

Forrest Knitting Mills. (See Highland Knitting Mills.)

Fort Orange Chemical Co., Inc., Albany, N. Y. Cleansing powder for dentures. 358,890; July 26; Serial No. 403,385; published May 17, 1938. Class 4.

Foster Wheeler Corporation. (See Wheeler Condenser and Engineering Co.)

Fox River Paper Company, Appleton, Wis. Bond paper. 358,867; July 26; Serial No. 403,039; published May 17, 1938. Class 37.

Fox River Paper Company, Appleton, Wis. Bond paper. 358,870; July 26; Serial No. 403,081; published May 17, 1938. Class 37.

Free, Edward E., New York, N. Y. Postage stamps for collectors, pamphlets, etc. 358,739; July 26; Serial No. 396,713; published Apr. 12, 1938. Class 38.

French-Stamats Company, Cedar Rapids, Iowa. Monthly magazine. 358,854; July 26; Serial No. 402,772; published Apr. 26, 1938. Class 38.
Friez, Julien P., & Sons, Inc., Baltimore, Md. Clock-operated electrical switch. 358,948; July 26; Serial No. 404,473; published May 17, 1938. Class 21.
Frisbie, E. K., La Jolla, Calif. Canned and preserved foods. 358,777; July 26; Serial No. 390,361; published May 17, 1938. Class 46.
G. H. S. Corporation, New York, N. Y. Hair roll foundations. 358,997; July 26. Class 40.
Garfinkel & Ritter, New York, N. Y. Undergarments. 358,859; July 26; Serial No. 402,855; published Apr. 26, 1938. Class 39.
Gaylord Container Corporation, St. Louis, Mo. Containers for moving picture film and the like. 358,991; July 26. Class 2.
Glidden Company, The, doing business as The Forest City Paint & Varnish Company, Cleveland, Ohio. Paints, colors in oil, paint enamels, etc. 359,008; July 26. Class 16.
Globe Knitting Works, Grand Rapids, Mich. Fabric gloves. 358,938; July 26; Serial No. 404,304; published May 17, 1938. Class 39.
Globe Knitting Works, Grand Rapids, Mich. Gloves. 358,939; July 26; Serial No. 404,307; published May 17, 1938. Class 39.
Goldberg & Van Praag, New York, N. Y. Handkerchiefs. 358,927; July 26; Serial No. 404,043; published May 17, 1938. Class 39.
Goldsmith Bros., New York, N. Y. Rubber bands. 358,860; July 26; Serial No. 402,859; published May 17, 1938. Class 37.
Goodrich Electric Company, Chicago, Ill. Unitary electric lighting fixtures. 359,013; July 26. Class 21.
Graduate School of Banking, The, New York, N. Y. Periodicals, catalogues, and booklets. 358,801; July 26; Serial No. 401,109; published Apr. 26, 1938. Class 38.
Griggs Canning Company, Natalia, Tex. Canned vegetables. 359,011; July 26. Class 46.
Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oils. 358,920; July 26; Serial No. 403,868; published May 3, 1938. Class 15.
Gulf Portland Cement Company, Houston, Tex. Masonry and Portland cement. 358,812; July 26; Serial No. 401,529; published May 3, 1938. Class 12.
Haddad, Bebe L., doing business as The Wyp-A-Way Soap Co., Cleveland, Ohio. Soap. 358,732; July 26; Serial No. 394,663; published May 17, 1938. Class 4.
Hahn, Wm., & Co., Washington, D. C. Shoes and hosiery. 122,700; renewed Sept. 10, 1938.
Handy Twine Knife Company, Upper Sandusky, Ohio. Finger twine knife and bench twine cutter. 359,009; July 26. Class 23.
Hardin, Kenneth F., doing business as Hardin & Company, New Albany, Ind. Hosiery. 358,819; July 26; Serial No. 401,861; published Apr. 19, 1938. Class 39.
Hasse, Erich A., doing business as American Aero Co., West Reading, Pa. Exercising wheels. 358,965; July 26; Serial No. 404,804; published May 17, 1938. Class 22.
Hässler, Max, Buenos Aires, Argentina. Printed labels, printed folders, etc. 358,754; July 26; Serial No. 399,355; published Apr. 12, 1938. Class 38.
Hat Corporation of America, Norwalk, Conn. Hats. 358,925; July 26; Serial No. 404,002; published May 17, 1938. Class 39.
Hearn Department Stores, Inc., New York, N. Y. Men's clothing and furnishings. 358,984; July 26. Class 39.
Heirloom Needlework Guild, Inc., New York, N. Y. Piece goods. 358,955; July 26; Serial No. 404,522; published May 17, 1938. Class 42.
Highland Knitting Mills, also doing business as Forrest Knitting Mills, Philadelphia, Pa. Knitted sweaters, sweater coats, jackets, etc. 358,814; July 26; Serial No. 401,611; published May 10, 1938. Class 39.
Hosenball, Joseph, New York, N. Y. Ladies' hats, caps, and bonnets. 358,729; July 26; Serial No. 393,985; published May 10, 1938. Class 39.
House & Kitchen Publishing Co., assignor to R. Sheik, Washington, D. C. Periodical. 358,793; July 26; Serial No. 400,729; published Apr. 19, 1938. Class 38.
Houston, Sam, State Teachers College, Huntsville, Tex. Newspaper. 358,972; July 26; Serial No. 405,280; published May 24, 1938. Class 38.
Hudson Steel & Tube Corp., New York, N. Y. Bicycle electric lamps and electric generators. 358,848; July 26; Serial No. 402,631; published May 17, 1938. Class 21.
Humane Restraint Company, Madison, Wis. Wristlets with lock buckle and waist strap, etc. 358,956; July 26; Serial No. 404,525; published May 24, 1938. Class 44.
Ideal Novelty & Toy Company, Long Island City, N. Y. Dolls. 358,969; July 26; Serial No. 405,072; published May 17, 1938. Class 22.
Ideal Publishing Corp., New York, N. Y. Periodical. 358,845; July 26; Serial No. 402,597; published Apr. 12, 1938. Class 38.
Imperishable Art Company, The. (See Waldron, Sheldon H.)
Independent Merchandising Corp., New York, N. Y. Ladies' underwear. 358,982; July 26. Class 39.
Indiana State Teachers' Association, Indianapolis, Ind. Periodical. 358,879; July 26; Serial No. 403,209; published May 3, 1938. Class 38.
Industrial Publishing Company, The, Cleveland, Ohio. Publication. 358,817; July 26; Serial No. 401,781; published Apr. 19, 1938. Class 38.
Inferno Company, The. (See Blanchard, Alva G.)
International Silver Company, Meriden, Conn. Flatware, hollow-ware, and cutlery. 358,902; July 26; Serial No. 403,549; published Apr. 26, 1938. Class 28.
Johns-Manville Corporation, New York, N. Y. Heat insulation material. 358,913; July 26; Serial No. 403,726; published May 3, 1938. Class 12.
Jordan Marsh Company, Boston, Mass. Shoes. 358,909–10; July 26; Serial Nos. 403,688–9; published May 17, 1938. Class 39.
Julian and Kokenge Co., The, Columbus, Ohio. Shoes. 358,791; July 26; Serial No. 400,647; published May 17, 1938. Class 39.
Kearney, James R., Corporation, St. Louis, Mo. Electrical surge arresters and parts thereof. 358,745; July 26; Serial No. 397,580; published May 17, 1938. Class 21.
Kearney, James R., Corporation, St. Louis, Mo. Electric line equipment. 358,778; July 26; Serial No. 390,368; published May 17, 1938. Class 21.
Kemi-Kulture Products Co. (See Maeder, Martin H.)
Kendall Company, The, Walpole, Mass. Diapers. 358,738; July 26; Serial No. 396,636; published Apr. 26, 1938. Class 39.
Kenin-Gordon & Zimmerman, Inc., New York, N. Y. Neckties, mufflers, and belts. 358,866; July 26; Serial No. 402,978; published May 17, 1938. Class 39.
Kenlit Mfg. Co., Medford, Mass. Crib, basket, and bassinette linings, mattresses, and cushions for infants' chairs. 358,904; July 26; Serial No. 403,654; published May 17, 1938. Class 32.
Kensington, Incorporated, New Kensington, Pa. Ornamental bowls, dishes, jars, etc. 358,883; July 26; Serial No. 403,316; published May 17, 1938. Class 2.
Keppler, Victor, New York, N. Y. Photographic prints. 358,932; July 26; Serial No. 404,176; published May 10, 1938. Class 38.
Kessner & Rabinowitz, Inc., New York, N. Y. Hats. 358,840; July 26; Serial No. 402,529; published Apr. 26, 1938. Class 39.
Kiener Coal Company, The, Cleveland, Ohio. Coal. 358,900; July 26; Serial No. 403,508; published May 17, 1938. Class 1.
Kleinert, I. B., Rubber Company, New York, N. Y. Bathing caps. 358,770; July 26; Serial No. 386,033; published Apr. 19, 1938. Class 39.
Kleinert, I. B., Rubber Company, New York, N. Y. Sanitary belts. 358,945; July 26; Serial No. 404,445; published May 24, 1938. Class 44.
Knott, Wm. T., Company, Inc., New York, N. Y. Women's wear. 358,996; July 26. Class 39.
Knowlton Danderine Company. (See Sterling Products (Incorporated), assignor.)
Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. 359,001; July 26. Class 49.
Kwik Products Company, San Antonio, Tex. Metal and silver polish. 358,762; July 26; Serial No. 352,586; published May 17, 1938. Class 4.
"La Bruxelloise des Contreplaques", Société Anonyme, Haren-Nord, Brussels, Belgium. Plywoods. 358,757; July 26; Serial No. 399,612; published May 3, 1938. Class 12.
Lande & Miskend, Inc., New York, N. Y. Slips. 358,911; July 26; Serial No. 403,701; published Apr. 26, 1938. Class 39.
Larkin, James F., doing business as Allied Earthen Products Company, Oklahoma City, Okla. Insulating mud and mud jells. 358,897; July 26; Serial No. 403,455; published May 3, 1938. Class 12.
Larkin, James F., doing business as Allied Earthen Products Company, Oklahoma City, Okla. Drilling mud. 358,898; July 26; Serial No. 403,456; published May 3, 1938. Class 12.
Larus & Brother Company, Richmond, Va. Pipes. 358,907; July 26; Serial No. 403,668; published May 17, 1938. Class 8.
Lee County Packing Company, Fort Myers, Fla. Fresh oranges, lemons, grapefruit, etc. 358,759; July 26; Serial No. 399,667; published Jan. 4, 1938. Class 46.
Lee, Frank H., Company, The, Danbury, Conn. Hats. 358,908; July 26; Serial No. 403,609; published May 10, 1938. Class 39.
Lees-Gilbert Corporation, New York, N. Y. Ladies' coats and suits. 358,980; July 26. Class 39.
Levy, Charles H., doing business as Charles H. Levy Company, New Orleans, La. Men's scarfs and neckties. 358,846; July 26; Serial No. 402,600; published Apr. 19, 1938. Class 39.
Lord & Taylor, New York, N. Y. Merchandise certificates. 358,820; July 26; Serial No. 401,870; published Apr. 12, 1938. Class 38.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 358,808; July 26; Serial No. 401,312; published May 17, 1938. Class 46.
Macfadden Publications, Inc., New York, N. Y. Series of special articles. 358,851; July 26; Serial No. 402,732; published Apr. 12, 1938. Class 38.

Macy, George E., Chicago, Ill. Tethered ball games. 358,894; July 26; Serial No. 403,417; published May 17, 1938. Class 22.
Maeder, Martin H., doing business as Kemi-Kulture Products Co., Los Angeles, Calif. Chemicals. 358,884; July 26; Serial No. 403,319; published May 17, 1938. Class 10.
Mallary, Inc., New Rochelle, N. Y. Furniture. 359,014; July 26. Class 32.
Manhattan Rubber Mfg. Co., The, New York, N. Y., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Billiard-cushions. 123,052; renewed Oct. 8, 1938.
Martin, Burton A., Culver, Minn. Hunting coats, shirts, and pants, hosiery, neckties, etc. 358,901; July 26; Serial No. 403,515; published May 10, 1938. Class 39.
Marvel Hat & Cap Mfg. Co., The, Cleveland, Ohio. Hats and caps. 358,986; July 26. Class 39.
May Department Stores Company, The, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Men's hats. 358,856; July 26; Serial No. 402,823; published Apr. 26, 1938. Class 39.
Medicine Today, Inc., Brooklyn, N. Y. Monthly publication. 358,905; July 26; Serial No. 403,658; published May 10, 1938. Class 38.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. 358,803; July 26; Serial No. 401,266; published May 17, 1938. Class 38.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. 358,804–5; July 26; Serial Nos. 401,268–9; published Apr. 12, 1938. Class 38.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. 358,806; July 26; Serial No. 401,270; published Apr. 26, 1938. Class 38.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. 358,807; July 26; Serial No. 401,271; published May 3, 1938. Class 38.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. 358,811; July 26; Serial No. 401,484; published Apr. 12, 1938. Class 38.
Meredith Publishing Company, Des Moines, Iowa. Magazine section. 358,875; July 26; Serial No. 403,156; published May 17, 1938. Class 38.
Merrimac Hat Corporation, New York, N. Y. Women's and children's hats and hat bodies. 358,760; July 26; Serial No. 399,771; published Apr. 19, 1938. Class 39.
Metal Hose & Tubing Co., Inc., Brooklyn, to Metal Hose & Tubing Co., Inc., New York, N. Y. Rubber hose with metal lining. 122,898; renewed Sept. 24, 1938.
Metallgesellschaft Aktiengesellschaft, Frankfort-on-the-Main, Germany. Synthetic paint enamels. 358,822; July 26; Serial No. 401,904; published May 17, 1938. Class 16.
Minneapolis Milling Company. (See Commander–Larabee Milling Company.)
Moore Fabric Company, Pawtucket, R. I. Elastic webbing and narrow fabric. 358,899; July 26; Serial No. 403,461; published May 10, 1938. Class 40.
Morris, E., Manufacturing Co., Detroit, Mich. Shaving brushes, hair brushes, nail brushes, etc. 358,973; July 26. Class 29.
Moviemart, Inc., Milwaukee, Wis. Trading stamps. 358,830; July 26; Serial No. 402,232; published Apr. 12, 1938. Class 38.
Nation Wide Papers, Inc., Chicago, Ill. Writing paper, printing paper, bond paper, etc. 358,753; July 26; Serial No. 399,317; published May 17, 1938. Class 37.
Nation Wide Papers, Inc., Chicago, Ill. Manifold paper. 358,871; July 26; Serial No. 403,090; published May 17, 1938. Class 37.
National Cellulose Corporation, New York, N. Y. Paper handkerchiefs. 358,742; July 26; Serial No. 397,342; published May 17, 1938. Class 37.
National Co-Operatives, Inc., Indianapolis, Ind. Ready mixed paints, varnishes, and paint enamels. 358,787; July 26; Serial No. 400,119; published Feb. 1, 1938. Class 16.
National Importing Company, Boston, Mass. Swedish crisp bread. 358,983; July 26. Class 46.
National Radio Institute, Washington, D. C. Textbooks, printed instruction courses, etc. 358,733; July 26; Serial No. 395,600; published Apr. 12, 1938. Class 38.
National Seedsman Publications, Chicago, Ill. Trade journal and for a year book. 358,815; July 26; Serial No. 401,616; published Apr. 19, 1938. Class 38.
Neatform Co., Inc., The, New York, N. Y. Foundation garments. 358,903; July 26; Serial No. 403,610; published Apr. 26, 1938. Class 39.
New Hampshire Diatomite Company, Portsmouth, N. H. Diatomaceous earth products. 358,946; July 26; Serial No. 404,448; published May 17, 1938. Class 4.
Newman, I., & Sons, Inc., New Haven, Conn., and New York, N. Y. Corsets, brassières, and other foundation garments. 358,873; July 26; Serial No. 403,143; published Apr. 19, 1938. Class 39.
New York Hamburger Gummi-Waaren Compagnie, Hamburg, Germany. Combs. 358,751; July 26; Serial No. 399,005; published Apr. 26, 1938. Class 40.
Norcross, New York, N. Y. Dolls. 358,970; July 26; Serial No. 405,079; published May 17, 1938. Class 22.
North and Judd Manufacturing Company, New Britain, Conn. Roller-buckles. 122,335; renewed July 2, 1938.
Oilless Shacklube Laboratories. (See Davis, A. Raymond.)
Oneida Ltd., Sherrill and Oneida, N. Y., and Northampton, Mass. Silverplated flat ware. 358,810; July 26; Serial No. 401,349; published May 17, 1938. Class 28.
Owens-Illinois Glass Company, Toledo, Ohio. Nursery sets. 358,786; July 26; Serial No. 400,022; published May 17, 1938. Class 2.
Pacific Lumber Company, The, Scotia, Calif. Split redwood products. 358,827; July 26; Serial No. 402,137; published Apr. 12, 1938. Class 12.
Palmer Manufacturing Corp., Phoenix, Ariz. Air conditioning units. 358,978; July 26. Class 34.
Parker Brothers Inc., Portland, Maine, and Salem, Mass. Board game. 358,756; July 26; Serial No. 399,568; published May 17, 1938. Class 22.
Pennsylvania Rubber Company, Jeannette, Pa. Pneumatic vehicle tires. 358,966; July 26; Serial No. 404,818; published May 17, 1938. Class 35.
Pepin, Thomas B., New York, N. Y. Golf clubs. 359,010; July 26. Class 22.
Petroleum Register Corporation, New York, N. Y. Periodical publication. 358,847; July 26; Serial No. 402,604; published Apr. 26, 1938. Class 38.
Phoenix Trimming Company, Chicago, Ill. Curtains, drapes, trimmings, etc. 358,962; July 26; Serial No. 404,723; published May 17, 1938. Class 42.
Photo Marketing Corporation, New York, N. Y. Enlargers, projectors and viewers. 358,940; July 26; Serial No. 404,323; published May 17, 1938. Class 26.
Photo Utilities, Inc., New York, N. Y. Exposure meters. 358,941; July 26; Serial No. 404,324; published May 17, 1938. Class 26.
Pickens, Waunetta, North Hollywood, Calif. Corset stays. 358,741; July 26; Serial No. 397,002; published Apr. 19, 1938. Class 40.
Pleringer, Hanny, Forest Hills, N. Y. Women's and children's dresses. 358,775; July 26; Serial No. 389,619; published May 25, 1937. Class 39.
Pinaud, John, Atlantic Highlands, N. J. Rubber heels. 358,936; July 26; Serial No. 404,283; published May 17, 1938. Class 39.
Pioneer Gen-E-Motor Corporation, Chicago, Ill. Generators, electric motors, dynamometers, etc. 358,949; July 26; Serial No. 404,484; published May 17, 1938. Class 21.
Platten Brothers, Green Bay, Wis. Whiskey. 358,888; July 26; Serial No. 403,350; published May 17, 1938. Class 49.
Porter, G. Harvey, Baltimore, Md. Financial diagrams. 358,844; July 26; Serial No. 402,572; published Apr. 12, 1938. Class 38.
Potter Drug & Chemical Corporation, Portland, Maine, and Boston, Mass., to Potter Drug & Chemical Corporation, Malden, Mass. Talcum powder. 123,384; renewed Oct. 29, 1928.
Power Transmission Council (Inc.), Boston, Mass. Circulars and pamphlets. 358,850; July 26; Serial No. 402,696; published Apr. 12, 1938. Class 38.
Raceograph Publishing Co. (See Rosenbaum, Edward.)
Ranney, William G., Pittsburgh, Pa. Toys. 358,779; July 26; Serial No. 390,669; published May 17, 1938. Class 22.
Ray Feature Service, New York, N. Y. News strips. 358,837; July 26; Serial No. 402,443; published May 3, 1938. Class 38.
Raybestos-Manhattan, Inc. (See Manhattan Rubber Mfg. Co., The, assignor.)
Remington Arms Company, Inc., Bridgeport, Conn. Firearms. 358,968; July 26; Serial No. 405,037; published May 17, 1938. Class 9.
Resolute Oil Corporation, Great Falls, Mont. Gasoline. 358,755; July 26; Serial No. 399,476; published Apr. 19, 1938. Class 15.
Richards, W. E., Company, Attleboro, Mass. Precious metal jewelry. 358,792; July 26; Serial No. 400,702; published Apr. 12, 1938. Class 28.
Ripe, Aaron, doing business as Commercial Optical Company, Omaha, Nebr. Spectacles. 359,012; July 26. Class 26.
Riverbank Canning Company, Riverbank, Calif. Prepared food products. 358,748; July 26; Serial No. 398,129; published May 17, 1938. Class 46.
Robeson Cutlery Company, The, assignor to Robeson-Rochester Corporation, Rochester, N. Y. Pocket-knives. 122,160; renewed July 2, 1938.
Rogers Peet Company, New York, N. Y. Suits, overcoats, hats, etc. 358,782; July 26; Serial No. 392,106; published Dec. 7, 1937. Class 39.
Rosenbaum, Edward, doing business as Raceograph Publishing Co., Brooklyn, N. Y. Horse race charts. 358,802; July 26; Serial No. 401,196; published Apr. 12, 1938. Class 38.
S & K Rubber Company, The, Lima, Ohio. Shoe soles and shoe heels. 358,769; July 26; Serial No. 383,228; published Apr. 19, 1938. Class 39.
Saginaw Furniture Shops, Chicago, Ill. Wooden furniture. 358,974; July 26. Class 32.
Saks & Company, New York, N. Y. Women's and misses' shoes. 358,976; July 26. Class 39.
Saks & Company, New York, N. Y. Women's and misses' shoes. 358,979; July 26. Class 39.
Sanford Mills. (See Chase, L. C. & Company, assignor.)
Sea Bird Linens, Inc., New York, N. Y. Table cloths, napkins, towels, etc. 358,895; July 26; Serial No. 403,425; published May 17, 1938. Class 42.

Sears, Roebuck and Co., Chicago, Ill. Lubricating oil. 358,950; July 26; Serial No. 404,493; published May 17, 1938. Class 15.
Security Engineering Co. Inc., Whittier, Calif. Oil and gas well drilling, cementing, and production equipment. 358,825; July 26; Serial No. 402,076; published May 17, 1938. Class 23.
Segal Safety Razor Corporation, New York, N. Y. Skates, equipped with and without measuring devices for determining skating distances. 358,993; July 26. Class 22.
Seidmann's, B., Sons, Philadelphia, Pa. Knitted hockey caps and scarfs. 358,906; July 26; Serial No. 403,664; published May 10, 1938. Class 39.
Sheffield Company, The, New London, Conn., and New York, N. Y. Shaving creams. 358,981; July 26. Class 4.
Sheik, Russell. (See House & Kitchen Publishing Co., assignor.)
Sheprow, William J., Garden City, Long Island, N. Y. Card games. 358,963; July 26; Serial No. 404,727; published May 17, 1938. Class 22.
Siegel, A., & Sons, Inc., New York, N. Y. Cigars, cigarettes, and smoking and chewing tobacco. 358,995; July 26. Class 17.
Silvercote Products, Inc., Chicago, Ill. Thermal insulation. 358,988; July 26. Class 12.
Smith, Clinton L., doing business as Symbolized Picture Company, Fort Thomas, Ky. Lithographic prints and motto cards. 358,889; July 26; Serial No. 403,378; published Apr. 26, 1938. Class 38.
Smith, Frank W., Inc., Gardner, Mass. Flatware, baby food pushers, rattles, etc. 358,821; July 26; Serial No. 401,874; published Apr. 19, 1938. Class 28.
Smooth-On Manufacturing Company, Jersey City, N. J. Iron compound. 358,734; July 26; Serial No. 395,771; published May 3, 1938. Class 12.
Socony-Vacuum Oil Company, Incorporated. (See Cross, La Detta R., assignor.)
"Sodeco" Société des Compteurs de Genève, Geneva, Switzerland. Register for use in conjunction with an individual telephone for recording the taxes when operating said telephone. 358,737; July 26; Serial No. 396,208; published May 17, 1938. Class 26.
Soft-Lite Lens Company, Inc., New York, N. Y. Ophthalmic lenses. 358,841; July 26; Serial No. 402,541; published May 17, 1938. Class 26.
Staley, A. E., Manufacturing Company, Decatur, Ill. Adhesive for combining plies of paper and other articles. 359,015; July 26. Class 5.
Standard Transformer Company, The, Warren, Ohio. Transformer oil. 358,785; July 26; Serial No. 393,878; published Apr. 12, 1938. Class 15.
Star Novelty Jewelry Co., Inc., Chicago, Ill. Jeweled clips, pins, bracelets, and buckles. 358,796; July 26; Serial No. 400,802; published Apr. 26, 1938. Class 28.
Stein, A., & Company, Chicago, Ill. Suspender clips. 358,790; July 26; Serial No. 400,619; published Apr. 26, 1938. Class 40.
Stein, A., & Company, Chicago, Ill. Garters, suspenders, arm bands, and belts. 358,896; July 26; Serial No. 403,428; published Apr. 26, 1938. Class 39.
Stein, S., & Co., New York, N. Y. Woolen goods. 358,915; July 26; Serial No. 403,790; published May 17, 1938. Class 42.
Steinberg, Robert, doing business as Steinberg Bros., New York, N. Y. Gloves. 358,868; July 26; Serial No. 403,060; published Apr. 19, 1938. Class 39.
Sterilek Company, Inc., The, New York, N. Y. Sanitary napkins. 358,943; July 26; Serial No. 404,382; published May 24, 1938. Class 44.
Sterling Products (Incorporated), as assignee of Knowlton Danderine Company, Chicago, Ill., and Wheeling, W. Va., assignor, by mesne assignments, to Sterling Products (Incorporated), New York, N. Y. Soap. 123,726; renewed Sept. 3, 1938.
Stetson, John B., Company, Philadelphia, Pa. Women's hats. 358,768; July 26; Serial No. 383,107; published May 17, 1938. Class 39.
Stetson, John B., Company, Philadelphia, Pa. Women's and misses' hats. 358,855; July 26; Serial No. 402,797; published Apr. 19, 1938. Class 39.
St. Paul Corrugating Company, St. Paul, Minn. Sheet metal roofing. 358,831; July 26; Serial No. 402,241; published Apr. 12, 1938. Class 12.
Stroud, Edwin Y., New York, N. Y. Suits, vests, and trousers. 358,998; July 26. Class 39.
Studio Publications, Inc., The, New York, N. Y. Magazines and reproductions of paintings, drawings and engravings. 358,783; July 26; Serial No. 393,623; published Apr. 19, 1938. Class 38.
Stylepark Hats, Inc., Camden, N. J. Hats and caps. 359,006; July 26. Class 39.
Symbolized Picture Company. (See Smith, Clinton L.)
Tankins, Sacramenta G., Atlantic City, N. J. Tonic and dressing for the human hair. 123,868; renewed Dec. 10, 1938.
Taylor, Benj. F., doing business as Taylor Beverage Company, Tarboro, N. C. Maltless beverages, and syrups, extracts, and flavors for same. 358,947; July 26; Serial No. 404,458; published May 17, 1938. Class 45.
Taylor, Thomas, & Sons, Inc., Hudson, Mass. Narrow elastic fabrics. 358,999; July 26. Class 40.
Texas Company, The, New York, N. Y. Lubricating oils. 358,933; July 26; Serial No. 404,236; published May 3, 1938. Class 15.
Thurston Cutting Corporation, New York, N. Y. Piece goods of cotton, cotton mixture, wool, and rayon. 358,771; July 26; Serial No. 386,781; published May 17, 1938. Class 42.
Thurston Cutting Corporation, New York, N. Y. Cut fabric tape. 358,829; July 26; Serial No. 402,208; published Apr. 26, 1938. Class 40.
Toledo Glove Manufacturing Company, The, Toledo, Ohio. Gloves and gauntlets. 359,004; July 26. Class 39.
Toy Creations, Inc., Jersey City, N. J. Dolls. 358,789; July 26; Serial No. 400,539; published May 17, 1938. Class 22.
Trinity Portland Cement Company, Chicago, Ill. Portland cement. 358,842; July 26; Serial No. 402,544; published Apr. 12, 1938. Class 12.
True Form Corset Company. (See Barg, William.)
Typhoon Manufacturing Company, Inc., Medford, Md. Superchargers. 358,944; July 26; Serial No. 404,386; published May 17, 1938. Class 23.
United Distillers (of America) Ltd., Baltimore, Md. Whiskey, gin, rum, etc. 358,989; July 26. Class 49.
United States Quarry Tile Company, Canton, Ohio. Building tiles. 358,874; July 26; Serial No. 403,152; published May 3, 1938. Class 12.
United States Rubber Products, Inc., New York, N. Y. Shoes. 358,872; July 26; Serial No. 403,105; published May 10, 1938. Class 39.
Va. Len. Ju, Inc., Chicago, Ill. Orange base concentrate. 358,885; July 26; Serial No. 403,340; published May 17, 1938. Class 45.
Van Camp Sea Food Co., San Pedro, to Van Camp Sea Food Co. Inc., Terminal Island, Calif, successor. Canned sardines. 123,399; renewed Oct. 29, 1938.
Vanity Corset Company, Inc., New York, N. Y. Corsets, corselets, girdles, etc. 358,852; July 26; Serial No. 402,748; published Apr. 19, 1938. Class 39.
Vinnedge Company, Inc., The, Fort Worth, Tex. Coffee. 358,916; July 26; Serial No. 403,804; published May 17, 1938. Class 46.
Virginia Carolina Chemical Corporation, Richmond, Va. Fertilizers. 358,917; July 26; Serial No. 403,805; published May 17, 1938. Class 10.
Vitamol, Inc., New York, N. Y. Composition incorporating molasses and vitamins for animal food, and as a supplement in animal food mixtures. 358,886–7; July 26; Serial Nos. 403,341–2; published May 17, 1938. Class 46.
Waldron, Sheldon H., doing business as The Imperishable Art Company, Taunton, Mass. Pictures and portraits on metal. 358,794; July 26; Serial No. 400,739; published May 17, 1938. Class 50.
Weiss, Walter, doing business as Walter Weiss & Co., New York, N. Y. Handkerchiefs. 359,005; July 26. Class 39.
Wentzel, Lodwick J., New York, N. Y. Advertising signs. 358,832; July 26; Serial No. 402,283; published Apr. 12, 1938. Class 38.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vegetable bins for refrigerators. 358,921; July 26; Serial No. 403,882; published May 17, 1938. Class 2.
Wheeler Condenser and Engineering Co., Carteret, N. J., to Foster Wheeler Corporation, New York, N. Y., successor. Tubes and pipes for steam surface condensers. 118,249; renewed Aug. 21, 1937.
Williams, Thomas, Charleston, W. Va. Golf games. 358,780; July 26; Serial No. 390,680; published May 17, 1938. Class 22.
Wisconsin Accredited Cheese Factories, Inc., De Pere, Wis. Cheese. 358,828; July 26; Serial No. 402,149; published May 17, 1938. Class 46.
Wiseman, Adolph D., San Francisco, Calif. Dental applicators. 358,971; July 26; Serial No. 405,147; published May 24, 1938. Class 44.
Woodstock Rubber Company Limited, The, Woodstock, Ontario, Canada. Boots and shoes. 358,985; July 26. Class 39.
Workman, Bernard, Inc., New York, N. Y. Ladies' hats. 358,853; July 26. Serial No. 402,752; published Apr. 26, 1938. Class 39.
Wyp-A-Way Soap Co. (See Haddad, Bebe L.)

LIST OF REGISTRANTS OF LABELS

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products. (Plaid Pattern, Black, Yellow, Red, and Green on White Background). For Food Products. 51,553; July 26.
Burgess Battery Company, Freeport, Ill. Hearing Aid Battery. For Hearing Aid Batteries. 51,554; July 26.
California Fruit Growers Exchange. (See Exchange Lemon Products Company, assignor.)

Dame Nature Co., New York, N. Y. Dame Nature. For a Concentrated Cream Lotion. 51,555; July 26.
Exchange Lemon Products Company, Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Exchange Brand Lemon Juice. For Canned Lemon Juice. 51,556; July 26.
Exchange Lemon Products Company, Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Exchange California Pure Lemon Juice. For Canned Lemon Juice. 51,557; July 26.
Goldsmith Pickle Co., Chicago, Ill. Hiram Cuke. For Pickles. 51,558; July 26.
Menasha Products Company, Menasha, Wis. Crossfield's Delicious Ice Cream. For Ice Cream. 51,559; July 26.
Morgenstern, Hyman, New York, N. Y. Asper-Choc. For Aspirin. 51,560; July 26.
O-Cedar Corp'n., Chicago, Ill. O-Cedar Window Cleaner. For a Cleaner for Windows, Windshields, Mirrors, etc. 51,561; July 26.
Winthrop Novelty Co. Inc., New York, N. Y. Candy and Toy. For Candy and Toys. 51,562; July 26.

LIST OF REGISTRANTS OF PRINTS

Atlas Coal Company, Newark, N. J. Atlas Coal. For Coal. 16,949; July 26.
Mackie-Clemens Fuel Company, The, Pittsburg, Kans., and Kansas City, Mo. Puralized. For Coal. 16,950; July 26.
Parker Pen Company, The, Janesville, Wis. He Runs the Greatest Show on Earth With the Pen That Has What It Takes. For Fountain Pens, Mechanical Pencils and Ink. 16,951; July 26.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Bell & Zoller Coal Company. 358,799; July 26; Serial No. 400,901; published May 17, 1938.
Coal. Kiener Coal Company. 358,900; July 26; Serial No. 403,508; published May 17, 1938.
Leather and cut sole leather, Raw. Berksons Leather Co, Inc. 358,881; July 26; Serial No. 403,299; published May 17, 1938.

CLASS 2

Bins for refrigerators, Vegetable. Westinghouse Electric & Manufacturing Company. 358,921; July 26; Serial No. 403,882; published May 17, 1938.
Bowls, dishes, jars, etc., Ornamental. Kensington, Incorporated. 358,883; July 26; Serial No. 403,316; published May 17, 1938.
Containers for moving picture film and the like. Gaylord Container Corporation. 358,991; July 26.
Nursery sets. Owens-Illinois Glass Company. 358,786; July 26; Serial No. 400,022; published May 17, 1938.

CLASS 3

Buckles, Roller. North and Judd Manufacturing Company. 122,335; renewed July 23, 1938.
Cases, wardrobe and steamer trunks, etc., Suit. Atlas Luggage Mfg. Co. 358,937; July 26; Serial No. 404,285; published May 17, 1938.

CLASS 4

Cleansing powder for dentures. Fort Orange Chemical Co. 358,890; July 26; Serial No. 403,385; published May 17, 1938.
Cleansing product. W. T. Casey. 358,934; July 26; Serial No. 404,245; published May 17, 1938.
Earth products, Diatomaceous. New Hampshire Diatomite Company. 358,946; July 26; Serial No. 404,448; published May 17, 1938.
Polish, Metal and silver. Kwik Products Company. 358,762; July 26; Serial No. 352,586; published May 17, 1938.
Shaving creams. Sheffield Company. 358,981; July 26.
Soap. B. L. Haddad. 358,732; July 26; Serial No. 394,663; published May 17, 1938.
Soap. Sterling Products (Incorporated). 123,726; renewed Dec. 3, 1938.

CLASS 5

Adhesive for combining plies of paper and other articles. A. E. Staley Manufacturing Company. 359,015; July 26.
Cement. G. H. Barge. 358,826; July 26; Serial No. 402,111; published May 17, 1938.

CLASS 6

Chemical compound for removing and preventing rust. Dearborn Chemical Company. 122,582; renewed Aug. 27, 1938.
Powder, Talcum. Potter Drug & Chemical Corporation. 123,384; renewed Oct. 29, 1938.
Tonic. S. G. Tankins. 123,868; renewed Dec. 10, 1938.

CLASS 8

Pipes. Larus & Brother Company. 358,907; July 26; Serial No. 403,668; published May 17, 1938.
Pipes, Smoker's. Alfred Dunhill of London, Inc. 358,752; July 26; Serial No. 399,039; published May 17, 1938.

CLASS 9

Firearms. Remington Arms Company. 358,968; July 26; Serial No. 405,037; published May 17, 1938.

CLASS 10

Chemicals. M. H. Maeder. 358,884; July 26; Serial No. 403,319; published May 17, 1938.
Fertilizers. Virginia Carolina Chemical Corporation. 358,917; July 26; Serial No. 403,805; published May 17, 1938.

CLASS 12

Asphalt, asphalt emulsions, asphalt compositions. American Bitumuls Company. 358,957; July 26; Serial No. 404,559; published May 17, 1938.
Cement, Masonry and Portland. Gulf Portland Cement Company. 358,812; July 12; Serial No. 401,529; published May 3, 1938.
Cement, Portland. Dalmatia Portland Cement Works Company Ltd. 358,736; July 26; Serial No. 395,907; published Apr. 19, 1938.
Cement, Portland. Trinity Portland Cement Company. 358,842; July 26; Serial No. 402,544; published Apr. 12, 1938.
Conduit sections for water pipes, Hollow tile. American District Steam Company. 358,763; July 26; Serial No. 358,870; published Apr. 26, 1938.
Fiber board products, Saturated. Cleotex Corporation. 358,833; July 26; Serial No. 402,327; published Apr. 12, 1938.
Insulation, Thermal. Silvercote Products, Inc. 358,988; July 26.
Iron compound. Smooth-On Manufacturing Company. 358,734; July 26; Serial No. 395,771; published May 3, 1938.
Material, Heat insulation. Johns-Manville Corporation. 358,913; July 26; Serial No. 403,726; published May 3, 1938.
Mud and mud jells, Insulating. J. F. Larkin. 358,897; July 26; Serial No. 403,455; published May 3, 1938.
Mud, Drilling. J. F. Larkin. 358,898; July 26; Serial No. 403,456; published May 3, 1938.
Plywoods. "La Bruxelloise des Contreplaques," Société Anonyme. 358,757; July 26; Serial No. 399,612; published May 3, 1938.
Redwood products, Split. Pacific Lumber Company. 358,827; July 26; Serial No. 402,137; published Apr. 12, 1938.
Roofing cement. Coal Tar Product Company. 358,876; July 26; Serial No. 403,166; published May 10, 1938.
Roofing, Sheet metal. St. Paul Corrugating Company. 358,831; July 26; Serial No. 402,241; published Apr. 12, 1938.
Substance for rendering mortar and mortar-forming materials waterproof. American Fluresit Company. 358,891–2; July 26; Serial Nos. 403,387–8; published May 3, 1938.
Tiles, Building. United States Quarry Tile Company. 358,874; July 26; Serial No. 403,152; published May 3, 1938.
Wall covering materials. Bak-A-Namel, Inc. 358,746; July 26; Serial No. 397,604; published May 17, 1938.

CLASS 13

Tubes and pipes for steam surface condensers. Wheeler Condenser and Engineering Co. 118,249; renewed Aug. 21, 1937.

CLASS 15

Candles. Angelo Products Company. 358,749; July 26; Serial No. 398,304; published Apr. 19, 1938.
Fuel, Motor. La D. R. Cross. 123,106; renewed Oct. 15, 1938.
Gasoline. Resolute Oil Corporation. 358,755; July 26; Serial No. 399,476; published Apr. 19, 1938.
Grease, Lubricating. Continental Oil Company. 358,861; July 26; Serial No. 402,896; published Apr. 12, 1938.
Grease, Lubricating. Continental Oil Company. 358,863; July 26; Serial No. 402,899; published Apr. 12, 1938.
Lubricant. A. R. Davis. 358,964; July 26; Serial No. 404,750; published May 17, 1938.
Oil, Lubricating. Continental Oil Company. 358,862; July 26; Serial No. 402,897; published Apr. 12, 1938.

Oil, Lubricating. Continental Oil Company. 358,864; July 26; Serial No. 402,901; published Apr. 12, 1938.
Oil, Lubricating. Sears, Roebuck and Co. 358,950; July 26; Serial No. 404,493; published May 17, 1938.
Oil, Transformer. Standard Transformer Company. 358,785; July 26; Serial No. 393,878; published Apr. 12, 1938.
Oils, Lubricating. Gulf Oil Corporation. 358,920; July 26; Serial No. 403,868; published May 3, 1938.
Oils, Lubricating. Texas Company. 358,933; July 26; Serial No. 404,236; published May 3, 1938.
Petroleum products. W. H. Barber Company. 358,893; July 26; Serial No. 403,392; published May 3, 1938.

CLASS 16

Coating material, Protective liquid waterproof. De-Fi-Al Roofing Co. 358,816; July 26; Serial No. 401,770; published May 17, 1938.
Paint enamels, Synthetic. Metallgesellschaft Aktiengesellschaft. 358,822; July 26; Serial No. 401,904; published May 17, 1938.
Paints, colors in oil, paint enamels, etc. Glidden Company. 359,008; July 26.
Paints, varnishes and paint enamels, Ready mixed. National Co-Operatives, Inc. 358,787; July 26; Serial No. 400,119; published Feb. 1, 1938.

CLASS 17

Cigars, cigarettes, and smoking and chewing tobacco. A. Siegel & Sons, Inc. 358,995; July 26.
Tobacco, including cigars, etc., Smoking. Brewster Cigar Co. 358,740; July 26; Serial No. 396,975; published May 17, 1938.

CLASS 21

Electric line equipment. James R. Kearney Corporation. 358,778; July 26; Serial No. 390,368; published May 17, 1938.
Electrical surge arresters and parts thereof. James R. Kearney Corporation. 358,745; July 26; Serial No. 397,580; published May 17, 1938.
Fuse plugs, Electric. Eagle Electric Mfg. Co. Inc. 358,800; July 26; Serial No. 400,951; published May 17, 1938.
Generators, electric motors, dynamotors, etc. Pioneer Gen-E-Motor Corporation. 358,949; July 26; Serial No. 404,484; published May 17, 1938.
Lamps and generators, Bicycle electric. Hudson Steel & Tube Corp. 358,848; July 26; Serial No. 402,631; published May 17, 1938.
Lighting fixtures, Unitary electric. Goodrich Electric Company. 359,013; July 26.
Switch, Clock-operated electrical. Julien P. Friez & Sons, Inc. 358,948; July 26; Serial No. 404,473; published May 17, 1938.
Wire and cable, Insulated electrical. Anaconda Wire & Cable Company. 358,951–2; July 26; Serial Nos. 404,508–9; published May 17, 1938.
Wire and cable, Insulated electrical. Anaconda Wire & Cable Company. 358,953–4; July 26; Serial Nos. 404,511–12; published May 17, 1938.

CLASS 22

Cushions, Billiard. Manhattan Rubber Mfg. Co. 123,052; renewed Oct. 8, 1938.
Dolls. Ideal Novelty & Toy Company. 358,969; July 26; Serial No. 405,072; published May 17, 1938.
Dolls. Norcross. 358,970; July 26; Serial No. 405,079; published May 17, 1938.
Dolls, Toy Creations, Inc. 358,789; July 26; Serial No. 400,539; published May 17, 1938.
Exercising wheels. E. A. Hasse. 358,965; July 26; Serial No. 404,804; published May 17, 1938.
Game, Board. Parker Brothers Inc. 358,756; July 26; Serial No. 399,568; published May 17, 1938.
Games and accessories used in connection with games. Auctionite, Inc. 358,960; July 26; Serial No. 404,680; published May 17, 1938.
Games, Card. W. J. Sheprow. 358,963; July 26; Serial No. 404,727; published May 17, 1938.
Games, Golf. T. Williams. 358,780; July 26; Serial No. 390,680; published May 17, 1938.
Games, Tethered ball. G. E. Macy. 358,894; July 26; Serial No. 403,417; published May 17, 1938.
Golf clubs. T. B. Pepin. 359,010; July 26.
Race result predicting devices. D & D Corporation. 358,824; July 26; Serial No. 401,925; published May 17, 1938.
Skates, equipped with and without measuring devices for determining skating distances. Segal Safety Razor Corporation. 358,993; July 26.
Toys. W. G. Ranney. 358,779; July 26; Serial No. 390,669; published May 17, 1938.

CLASS 23

Drilling, cementing, and production equipment, Oil and gas well. Security Engineering Co. Inc. 358,825; July 26; Serial No. 402,076; published May 17, 1938.
Knife and bench twine cutter, Finger twine. Handy Twine Knife Company. 359,009; July 26.
Knives, Pocket. Robeson Cutlery Company. 122,160; renewed July 2, 1938.
Laundry machinery and parts thereof. California Laundry Equipment Co. 358,959; July 26; Serial No. 404,630; published May 24, 1938.
Pumps, deep well pumping heads, etc., Shallow and deep well. A. D. Cook, Inc. 358,987; July 26.
Superchargers. Typhoon Manufacturing Company. 358,944; July 26; Serial No. 404,386; published May 17, 1938.

CLASS 26

Enlargers, projectors and viewers. Photo Marketing Corporation. 358,940; July 26; Serial No. 404,323; published May 17, 1938.
Exposure meters. Photo Utilities, Inc. 358,941; July 26; Serial No. 404,324; published May 17, 1938.
Gauges and gauge valves, Illuminated boiler water level. A. G. Blanchard. 358,838; July 26; Serial No. 402,465; published May 3, 1938.
Gauges and gauge valves, Illuminated boiler water level. A. G. Blanchard. 358,839; July 26; Serial No. 402,467; published May 3, 1938.
Lenses, Ophthalmic. Soft-Lite Lens Company. 358,841; July 26; Serial No. 402,541; published May 17, 1938.
Registers for use in conjunction with an individual telephone for recording the taxes when operating said telephone. "Sodeco" Société des Compteurs de Genève. 358,737; July 26; Serial No. 396,208; published May 17, 1938.
Spectacles. A. Rips. 359,012; July 26.

CLASS 28

Chalices, ciboria, candlesticks, etc. Benziger Brothers. 358,731; July 26; Serial No. 394,218; published Apr. 19, 1938.
Clips, pins, bracelets, and buckles, Jeweled. Star Novelty Jewelry Co. 358,796; July 26; Serial No. 400,802; published Apr. 26, 1938.
Flatware, baby food pushers, rattles, etc. Frank W. Smith, Inc. 358,821; July 26; Serial No. 401,874; published Apr. 19, 1938.
Flat-ware, hollow-ware, and cutlery. International Silver Company. 358,902; July 26; Serial No. 403,549; published Apr. 26, 1938.
Flat ware, Silverplated. Oneida Ltd. 358,810; July 26; Serial No. 401,349; published May 17, 1938.
Jewelry, Precious metal. W. E. Richards Company. 358,792; July 26; Serial No. 400,702; published Apr. 12, 1938.
Necklaces and bracelets, finger rings, etc. Cohn & Rosenberger, Inc. 358,818; July 26; Serial No. 401,809; published Apr. 12, 1938.
Necklaces and bracelets, finger rings, etc. Cohn & Rosenberger, Inc. 358,843; July 26; Serial No. 402,556; published Apr. 12, 1938.
Pearls, Cultured. Crown Pearl and Gem, Inc. 358,784; July 26; Serial No. 393,701; published Apr. 26, 1938.

CLASS 29

Brushes, hair brushes, nail brushes, etc., Shaving. E. Morris Manufacturing Co. 358,973; July 26.

CLASS 32

Beds, bed springs, studio couches, etc. L. Fish Furniture Company. 358,967; July 26; Serial No. 404,845; published May 17, 1938.
Chairs, Upholstered. J. L. Chase Co. 358,930; July 26; Serial No. 404,118; published May 17, 1938.
Crib, basket, and bassinette lining, mattresses, and cushions for infants' chairs. Kenlit Mfg. Co. 358,904; July 26; Serial No. 403,654; published May 17, 1938.
Furniture. Mallary, Inc. 359,014; July 26.
Furniture, Wooden. Saginaw Furniture Shops. 358,974; July 26.

CLASS 34

Air conditioning units. Palmer Manufacturing Corp. 358,978; July 26.

CLASS 35

Hose with metal lining, Rubber. Metal Hose & Tubing Co. 122,898; renewed Sept. 24, 1938.
Tires, Pneumatic vehicle. Pennsylvania Rubber Company. 358,966; July 26; Serial No. 404,818; published May 17, 1938.

CLASS 37

Checks. Check Service Corporation. 358,834; July 26; Serial No. 402,363; published May 17, 1938.
Covers made of paper, shelving covers made of paper, etc., Table. K. T. S. E. England. 358,761; July 26; Serial No. 399,831; published May 17, 1938.
Paper, Bond. Fox River Paper Company. 358,867; July 26; Serial No. 403,039; published May 17, 1938.
Paper, Bond. Fox River Paper Company. 358,870; July 26; Serial No. 403,081; published May 17, 1938.
Paper handkerchiefs. National Cellulose Corporation. 358,742; July 26; Serial No. 397,342; published May 17, 1938.
Paper, Manifold. Nation Wide Papers, Inc. 358,871; July 26; Serial No. 403,090; published May 17, 1938.
Paper, printing paper, bond paper, etc., Writing. Nation Wide Papers, Inc. 358,753; July 26; Serial No. 399,317; published May 17, 1938.
Rubber bands. Goldsmith Bros. 358,860; July 26; Serial No. 402,859; published May 17, 1938.
Tablets, Blotter. Corson Manufacturing Company. 358,926; July 26; Serial No. 404,033; published May 17, 1938.

CLASS 38

Articles, Series of special. Macfadden Publications, Inc. 358,851; July 26; Serial No. 402,732; published Apr. 12, 1938.
Calendar cards. E. E. Fairchild Corporation. 358,836; July 26; Serial No. 402,420; published May 17, 1938.
Cartoons, Series of. Chicago Tribune-New York News Syndicate, Inc. 358,774; July 26; Serial No. 388,901; published May 10, 1938.
Cartoons, Series of. Walt Disney Productions, Ltd. 358,747; July 26; Serial No. 397,887; published May 3, 1938.
Certificates, Merchandise. Lord & Taylor. 358,820; July 26; Serial No. 401,870; published Apr. 12, 1938.
Charts, Horse race. E. Rosenbaum. 358,802; July 26; Serial No. 401,196; published Apr. 12, 1938.
Charts, sheets, tables, etc. C. Best. 358,857; July 26; Serial No. 402,837; published Apr. 12, 1938.
Circulars and pamphlets. Power Transmission Council (Inc.) 358,850; July 26; Serial No. 402,696; published Apr. 12, 1938.
Diagrams, Financial. G. H. Porter. 358,844; July 26; Serial No. 402,572; published Apr. 12, 1938.
Labels, printed folders, calendars, etc., Printed. M. Hiller. 358,754; July 26; Serial No. 399,355; published Apr. 12, 1938.
Magazine. Desert Publishing Company. 358,865; July 26; Serial No. 402,937; published May 3, 1938.
Magazine, Monthly. French-Stamats Company. 358,854; July 26; Serial No. 402,772; published Apr. 26, 1938.
Magazine publication. Detective Comics, Inc. 358,835; July 26; Serial No. 402,364; published May 10, 1938.
Magazine published periodically. Colorado State Medical Society. 358,823; July 26; Serial No. 401,922; published Apr. 12, 1938.
Magazine section. Meredith Publishing Company. 358,803; July 26; Serial No. 401,266; published May 17, 1938.
Magazine section. Meredith Publishing Company. 358,804–5; July 26; Serial Nos. 401,268–9; published Apr. 12, 1938.
Magazine section. Meredith Publishing Company. 358,806; July 26; Serial No. 401,270; published Apr. 26, 1938.
Magazine section. Meredith Publishing Company. 358,807; July 26; Serial No. 401,271; published May 3, 1938.
Magazine section. Meredith Publishing Company. 358,811; July 26; Serial No. 401,494; published Apr. 12, 1938.
Magazine section. Meredith Publishing Company. 358,875; July 26; Serial No. 403,156; published May 17, 1938.
Magazines. American Institute of the City of New York. 358,869; July 26; Serial No. 403,067; published Apr. 26, 1938.
Magazines, and reproductions of paintings, drawings and engravings. Studio Publications, Inc. 358,783; July 26; Serial No. 393,623; published Apr. 19, 1938.
Newspaper, Daily Mirror, Inc. 358,924; July 26; Serial No. 403,998; published May 10, 1938.
Newspaper. Sam Houston State Teachers College. 358,972; July 26; Serial No. 405,280; published May 24, 1938.
Newspaper column, Daily. Detroit Free Press. 358,877; July 26; Serial No. 403,170; published May 10, 1938.
Newspaper, Daily. Financial Guide Publishing Corporation. 358,773; July 26; Serial No. 388,440; published May 3, 1938.
News strips. Ray Feature Service. 358,837; July 26; Serial No. 402,443; published May 3, 1938.
Periodical. House & Kitchen Publishing Co. 358,793; July 26; Serial No. 400,729; published Apr. 19, 1938.
Periodical. Ideal Publishing Corp. 358,845; July 26; Serial No. 402,597; published Apr. 12, 1938.
Periodical. Indiana State Teachers' Association. 358,879; July 26; Serial No. 403,209; published May 3, 1938.
Periodical publication. Petroleum Register Corporation. 358,847; July 26; Serial No. 402,604; published Apr. 26, 1938.
Periodicals, catalogues, and booklets. Graduate School of Banking. 358,801; July 26; Serial No. 401,109; published Apr. 26, 1938.
Photographs. Douglas Aircraft Company. 358,858; July 26; Serial No. 402,853; published Apr. 19, 1938.
Prints and motto cards, Lithographic. C. L. Smith. 358,889; July 26; Serial No. 403,378; published Apr. 26, 1938.
Prints, Photographic. V. Kepler. 358,932; July 26; Serial No. 404,176; published May 10, 1938.
Publication. Industrial Publishing Company. 358,817; July 26; Serial No. 401,781; published Apr. 19, 1938.
Publication, Monthly. Medicine Today, Inc. 358,905; July 26; Serial No. 403,658; published May 10, 1938.
Publication, Official. Automobile Club of Maryland. 358,744; July 26; Serial No. 397,527; published May 10, 1938.
Publications. Cincinnati Oil Works Co. 358,914; July 26; Serial No. 403,754; published May 17, 1938.
Signs, Advertising. L. J. Wentzel. 358,832; July 26; Serial No. 402,283; published Apr. 12, 1938.
Skits for radio stations, Program. Bosco Company. 358,929; July 26; Serial No. 404,116; published May 17, 1938.
Stamps for collectors, pamphlets, etc., Postage. E. E. Free. 358,739; July 26; Serial No. 396,713; published Apr. 12, 1938.
Stamps, Trading. Moviemart, Inc. 358,830; July 26; Serial No. 402,232; published Apr. 12, 1938.
Textbooks, printed instruction courses, etc. National Radio Institute. 358,733; July 26; Serial No. 395,600; published Apr. 12, 1938.
Trade journal and for a year book. National Seedsman Publications. 358,815; July 26; Serial No. 401,616; published Apr. 19, 1938.
Apparel, Wearing. Browning, King & Co. of New York, Inc. 358,797–8; July 26; Serial Nos. 400,827–8; published May 10, 1938.
Boots and shoes. Woodstock Rubber Company Limited. 358,985; July 26.
Caps and scarfs, Knitted hockey. D. Seidmann's Sons. 358,906; July 26; Serial No. 403,664; published May 10, 1938.
Caps, Bathing. I. B. Kleinert Rubber Company. 358,770; July 26; Serial No. 386,033; published Apr. 19, 1938.
Clothing and furnishings, Men's. Hearn Department Stores, Inc. 358,984; July 26.
Coats and suits, Ladies'. Lees-Gilbert Corporation. 358,980; July 26.
Coats, shirts, and pants, hosiery, neckties, etc. B. A. Martin. 358,901; July 26; Serial No. 403,515; published May 10, 1938.
Corsets, brassières, and other foundation garments. I. Newman & Sons, Inc. 358,873; July 26; Serial No. 403,143; published Apr. 19, 1938.
Corsets, corselets, girdles, etc. Vanity Corset Company. 358,852; July 26; Serial No. 402,748; published Apr. 19, 1938.
Corsets, girdles, brassières, etc. American Lady Corset Co. 358,809; July 26; Serial No. 401,324; published Apr. 26, 1938.
Diapers. Kendall Company. 358,738; July 26; Serial No. 396,636; published Apr. 26, 1938.
Dresses, Women's and children's. H. Pieringer. 358,775; July 26; Serial No. 389,619; published May 25, 1937.
Footwear. Cutler Shoe Company. 358,735; July 26; Serial No. 395,905; published May 10, 1938.
Garments, Foundation. Neatform Co. 358,903; July 26; Serial No. 403,610; published Apr. 26, 1938.
Garters, suspenders, arm bands, and belts. A. Stein & Company. 358,896; July 26; Serial No. 403,428; published Apr. 26, 1938.
Girdles, brassières, and bandeaux. W. Barg. 358,918; July 26; Serial No. 403,851; published May 17, 1938.
Gloves. R. Steinberg. 358,868; July 26; Serial No. 403,060; published Apr. 19, 1938.
Gloves. Globe Knitting Works. 358,938; July 26; Serial No. 404,304; published May 17, 1938.
Gloves. Globe Knitting Works. 358,939; July 26; Serial No. 404,307; published May 17, 1938.
Gloves and gauntlets. Toledo Glove Manufacturing Company. 359,004; July 26.
Gloves, Leather. Buscarlet Glove Co. Inc. 359,002–3; July 26.
Handkerchiefs. Goldberg & Van Praag. 358,927; July 26; Serial No. 404,043; published May 17, 1938.
Handkerchiefs. W. Weiss. 359,005; July 26.
Hats. Frank H. Lee Company. 358,908; July 26; Serial No. 403,669; published May 10, 1938.
Hats. Hat Corporation of America. 358,925; July 26; Serial No. 404,002; published May 17, 1938.
Hats. Kessner & Rabinowitz, Inc. 358,840; July 26; Serial No. 402,529; published Apr. 26, 1938.
Hats. S. Finkelstein. 358,882; July 26; Serial No. 403,310; published May 17, 1938.
Hats and caps. Marvel Hat & Cap Mfg. Co. 358,986; July 26.
Hats and caps. Stylepark Hats, Inc. 359,006; July 26.
Hats and hat bodies, Women's and children's. Merrimac Hat Corporation. 358,760; July 26; Serial No. 399,771; published Apr. 19, 1938.
Hats, caps, and bonnets, Ladies'. J. Hosenball. 358,729; July 26; Serial No. 393,985; published May 10, 1938.
Hats, Ladies'. Bernard Workman, Inc. 358,853; July 26; Serial No. 402,752; published Apr. 26, 1938.
Hats, Ladies'. Draper Hat Corporation. 358,977; July 26.
Hats, Men's. Capson Hat Co. 359,007; July 26.
Hats, Men's. May Department Stores Company. 358,856; July 26; Serial No. 402,823; published Apr. 26, 1938.
Hats, Women's. John B. Stetson Company. 358,768; July 26; Serial No. 383,107; published May 17, 1938.
Hats, Women's and misses'. John B. Stetson Company. 358,855; July 26; Serial No. 402,797; published Apr. 19, 1938.
Heels, Rubber. J. Pinaud. 358,936; July 26; Serial No. 404,283; published May 17, 1938.
Hosiery. K. F. Hardin. 358,819; July 26; Serial No. 401,861; published Apr. 19, 1938.
Jackets, coats, trousers, etc., Men's. Abercrombie & Fitch Company. 358,781; July 26; Serial No. 390,769; published Aug. 10, 1937.
Neckties. H. C. Cohn & Co. 358,767; July 26; Serial No. 378,131; published Mar. 9, 1937.
Neckties, mufflers, and belts. Kenin-Gordon & Zimmerman, Inc. 358,866; July 26; Serial No. 402,978; published May 17, 1938.

Outergarments, shoes, stockings, etc. D. Couteaur. 358,758; July 26; Serial No. 399,648; published May 17, 1938.
Panties, chemises, slips, etc. Famous Fashion Shop, Inc. 358,990; July 26.
Scarfs and neckties, Men's. C. H. Levy. 358,846; July 26; Serial No. 402,600; published Apr. 19, 1938.
Shoes. Bond Shoe Co. 358,878; July 26; Serial No. 403,194; published May 17, 1938.
Shoes. Jordan Marsh Company. 358,909–10; July 26; Serial Nos. 403,688–9; published May 17, 1938.
Shoes. Julian and Kokenge Co. 358,791; July 26; Serial No. 400,647; published May 17, 1938.
Shoes. United States Rubber Products, Inc. 358,872; July 26; Serial No. 403,105; published May 10, 1938.
Shoes and hosiery. Wm. Hahn & Co. 122,700; renewed Sept. 10, 1938.
Shoes and hosiery, Ladies'. Edison Bros. Stores, Inc. 358,994; July 26.
Shoes, slippers, and sandals. Charing Cross Shoes, Ltd. 358,743; July 26; Serial No. 397,434; published Mar. 15, 1938.
Shoe soles and shoe heels. S & K Rubber Company. 358,769; July 26; Serial No. 383,228; published Apr. 19, 1938.
Shoes, Women's and children's. Julius Altschul, Inc. 358,912; July 26; Serial No. 403,711; published May 17, 1938.
Shoes, Women's and misses'. Saks & Company. 358,979; July 26.
Shoes, Women's and misses'. Saks & Company. 358,976; July 26.
Slips. Lande & Miskend, Inc. 358,911; July 26; Serial No. 403,701; published Apr. 26, 1938.
Socks, union suits, undershirts, etc. J. David. 358,975; July 26.
Suits, overcoats, hats, etc. Rogers Peet Company. 358,782; July 26; Serial No. 392,106; published Dec. 7, 1937.
Suits, topcoats and overcoats; shirts; etc. Doddsley Outfitters, Inc. 359,000; July 26.
Suits, underwear, hosiery, rompers, etc. Blossom Products Corporation. 358,765; July 26; Serial No. 373,246; published Mar. 17, 1936.
Suits, underwear, shoes, etc. Blossom Products Corporation. 358,766; July 26; Serial No. 373,718; published Apr. 7, 1936.
Suits, vests, and trousers. E. Y. Stroud. 358,998; July 26.
Sweaters, sweater coats, jackets, etc., Knitted. Highland Knitting Mills. 358,814; July 26; Serial No. 401,611; published May 10, 1938.
Undergarments. Garfinkel & Ritter. 358,859; July 26; Serial No. 402,855; published Apr. 26, 1938.
Underwear, Ladies'. Independent Merchandising Corp. 358,982; July 26.
Wear, Women's. Wm. T. Knott Company. 358,996; July 26.

CLASS 40

Clips, Suspender. S. Stein & Company. 358,790; July 26; Serial No. 400,619; published Apr. 26, 1938.
Combs. New York Hamburger Gummi-Waaren Compagnie. 358,751; July 26; Serial No. 399,005; published Apr. 26, 1938.
Crochet hooks. English Needle & Fishing Tackle Company Limited. 358,813; July 26; Serial No. 401,562; published Apr. 26, 1938.
Elastic fabrics, Narrow. Thomas Taylor & Sons, Inc. 358,999; July 26.
Elastic webbing and narrow fabric. Moore Fabric Company. 358,899; July 26; Serial No. 403,461; published May 10, 1938.
Hair roll foundations. G. H. S. Corporation. 358,997; July 26.
Stays, Corset. W. Pickens. 358,741; July 26; Serial No. 397,002; published April 19, 1938.
Tape, Cut fabric. Thurston Cutting Corporation. 358,829; July 26; Serial No. 402,208; published Apr. 26, 1938.

CLASS 42

Corduroy fabrics. Crompton Company. 358,931; July 26; Serial No. 404,163; published May 17, 1938.
Curtains, drapes, trimmings, etc. Phoenix Trimming Company. 358,962; July 26; Serial No. 404,723; published May 17, 1938.
Fabrics. L. C. Chase & Company. 123,894; renewed Dec. 17, 1938.
Fabrics. Fred Butterfield & Co. 358,788; July 26; Serial No. 400,187; published May 17, 1938.
Fabrics, Pile. Sidney Blumenthal & Co. Inc. 358,776; July 26; Serial No. 390,261; published May 17, 1938.
Piece goods. Heirloom Needlework Guild, Inc. 358,955; July 26; Serial No. 404,522; published May 17, 1938.
Piece goods of cotton, cotton mixture, wool, and rayon. Thurston Cutting Corporation. 358,771; July 26; Serial No. 386,781; published May 17, 1938.
Table cloths, napkins, towels, etc. Sea Bird Linens, Inc. 358,895; July 26; Serial No. 403,425; published May 17, 1938.
Textile piece goods. Cable Raincoat Company. 358,942; July 26; Serial No. 404,351; published May 17, 1938.
Woolen fabrics. Bridgewater Woolen Company. 358,919; July 26; Serial No. 403,853; published May 17, 1938.
Woolen goods. S. Stein & Co. 358,915; July 26; Serial No. 403,790; published May 17, 1938.

CLASS 43

Thread, Silk, artificial silk and rayon. Belding Hemingway Company. 358,928; July 26; Serial No. 404,109; published May 17, 1938.

CLASS 44

Dental applicators. A. D. Wiseman. 358,971; July 26; Serial No. 405,147; published May 24, 1938.
Machine for giving treatments to the feet, Electrical. Chiropody Supply Headquarters, Inc. 358,961; July 26; Serial No. 404,688; published May 24, 1938.
Nippers, Manicure and pedicure. H. Boker & Co. 358,772; July 26; Serial No. 387,371; published May 24, 1938.
Sanitary belts. I. B. Kleinert Rubber Company. 358,945; July 26; Serial No. 404,445; published May 24, 1938.
Sanitary napkins. Sterilek Company. 358,943; July 26; Serial No. 404,382; published May 24, 1938.
Wristlets with lock buckle and waist strap, etc. Humane Restraint Company. 358,956; July 26; Serial No. 404,525; published May 24, 1938.

CLASS 45

Beverages, and syrups, extracts, and flavors for same, Maltless. B. F. Taylor. 358,947; July 26; Serial No. 404,458; published May 17, 1938.
Orange base concentrate. Va. Len. Ju, Inc. 358,885; July 26; Serial No. 403,340; published May 17, 1938.

CLASS 46

Bread, Swedish crisp. National Importing Company. 358,983; July 26.
Canned and preserved foods. E. K. Frisbie. 358,777; July 26; Serial No. 390,361; published May 17, 1938.
Canned pears, peaches, cherries and tomatoes. Emery Food Company. 123,900; renewed Dec. 17, 1938.
Canned sardines. Van Camp Sea Food Co. 123,399; renewed Oct. 29, 1938.
Canned vegetables. Griggs Canning Company. 359,011; July 26.
Cheese. William Faehndrich, Inc. 358,730; July 26; Serial No. 394,030; published May 17, 1938.
Cheese. Wisconsin Accredited Cheese Factories, Inc. 358,828; July 26; Serial No. 402,149; published May 17, 1938.
Chicken noodles, sauce. Broome's, Incorporated. 358,764; July 26; Serial No. 360,430; published May 17, 1938.
Coffee. Vinnedge Company. 358,916; July 26; Serial No. 403,804; published May 17, 1938.
Composition incorporating molasses and vitamins for animal food and supplement in animal food mixtures. Vitamol, Inc. 358,886–7; July 26; Serial No. 403,341–2; published May 17, 1938.
Confections, Frozen. Joe Lowe Corporation. 358,808; July 26; Serial No. 401,312; published May 17, 1938.
Feed, Stock and poultry. Albert Dickinson Company. 358,922; July 26; Serial No. 403,939; published May 17, 1938.
Food products, Prepared. Riverbank Canning Company. 358,748; July 26; Serial No. 398,129 published May 17, 1938.
Foods. California Packing Corporation. 123,017; renewed Oct. 8, 1938.
Nuts. Mitchel Beck Company. 358,795; July 26; Serial No. 400,784; published Feb. 8, 1938.
Oranges, lemons, grapefruit, etc., Fresh. Lee County Packing Company. 358,759; July 26; Serial No. 399,667; published Jan. 4, 1938.
Sauce, Hollandaise. S. Breitholtz. 358,750; July 26; Serial No. 398,651; published May 17, 1938.
Wheat germ. Commander-Larabee Milling Company. 358,935; July 26; Serial No. 404,247; published May 17, 1938.

CLASS 49

Gin. Coates & Co. (Plymouth) Limited. 358,958; July 26; Serial No. 404,601; published May 17, 1938.
Whiskey. Bardstown Distillery, Inc. 358,923; July 26; Serial No. 403,980; published May 17, 1938.
Whiskey. Platten Brothers. 358,888; July 26; Serial No. 403,350; published May 17, 1938.
Whiskey, gin, rum, etc. United Distillers (of America) Ltd. 358,989; July 26.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 359,001; July 26.

CLASS 50

Caps and closure seals for bottles, etc. Aluminum Seal Company. 358,880; July 26; Serial No. 403,292; published May 17, 1938.
Pictures and portraits on metal. S. H. Waldron. 358,794 July 26; Serial No. 400,739; published May 17, 1938.
Printing mats, electrotypes, stereotypes, and photoengravings. W. E. Cline. 358,849; July 26; Serial No. 402,677; published May 17, 1938.
Tents, chapel tents, and temporary shelters, Collapsible. Adams-Barre Company. 358,992; July 26, 1938.

LIST OF LABELS

Ada Milling Company Food Products, (Plaid Pattern, Black, Yellow, Red, and Green on White Background). For Food Products. Ada Milling Company. 51,553; July 26.
Asper-Choc. For Aspirin. H. Morgenstern. 51,560; July 26.
Candy and Toy. For Candy and Toys. Winthrop Novelty Co. Inc. 51,562; July 26.
Crossfield's Delicious Ice Cream. For Ice Cream. Menasha Products Company. 51,559; July 26.
Dame Nature. For a Concentrated Cream Lotion. Dame Nature Co. 51,555; July 26.
Exchange Brand Lemon Juice. For Canned Lemon Juice. Exchange Lemon Products Company. 51,556; July 26.
Exchange California Pure Lemon Juice. For Canned Lemon Juice. Exchange Lemon Products Company. 51,557; July 26.
Hearing Aid Battery. For Hearing Aid Batteries. Burgess Battery Company. 51,554; July 26.
Hiram Cuke. For Pickles. Goldsmith Pickle Co. 51,558; July 26.
O-Cedar Window Cleaner. For a Cleaner for Windows, Windshields, Mirrors, Etc. O-Cedar Corp'n. 51,561; July 26.

LIST OF PRINTS

Atlas Coal. For Coal. Atlas Coal Company. 16,949; July 26.
He Runs the Greatest Show on Earth With the Pen That Has What It Takes. For Fountain Pens, Mechanical Pencils, and Ink. Parker Pen Company. 16,951; July 26.
Puralized. For Coal. Mackie-Clemens Fuel Company. 16,950; July 26.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 26TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Beck, Charles W., assignor, by mesne assignments, to N. M. Beck, Toledo, Ohio. Steering wheel. Re. 20,807; July 26.

Beck, Nellie M. (See Beck, Charles W., assignor.)

Churchward Engineering Company, The. (See Churchward, Jack, assignor.)

Churchward, Jack, assignor to The Churchward Engineering Company, Inc., New Haven, Conn. Electrode holder. Re. 20,808; July 26.

Dognin-Societe Anonyme. (See Isaac, Augustin, assignor.)

Gar Wood Industries, Incorporated. (See Wood, Louis S., assignor.)

Isaac, Augustin, Lyon, assignor to Dognin-Societe Anonyme, Villeurbanne, Rhone, France. Tulle and lace comprising multiple elastic threads. Re. 20,809; July 26.

New York Central Railroad Company, The. (See Thomas, William L., assignor.)

Taillefere, Henri, Paris, France. Fluidtight coupling. Re. 20,810; July 26.

Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Boxcar. Re. 20,811; July 26.

Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Incorporated, Detroit, Mich. Dumping body hoist. Re. 20,812; July 26.

LIST OF DESIGN PATENTEES

Bach, Alfons., New York, N. Y. Upholstered chair or similar article. 110,667; July 26.

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Steering wheel knob. 110,633; July 26.

Baldwin Company, The. (See Day, Wilbur M., assignor.)

Baldwin Company, The. (See Huettemann, Fritz, assignor.)

Beatty, David E. (See Uecker, R. A., Beatty, and Rambo.)

Becker, Lester O., assignor to Joseph Pavelka, St. Louis, Mo. Rail bender. 110,608; July 26.

Benton, Wallace H., assignor to The Selby Shoe Co., Portsmouth, Ohio. Shoe. 110,609; July 26.

Benton, Wallace H., assignor to The Selby Shoe Co., Portsmouth, Ohio. Shoe. 110,610; July 26.

Benton, Wallace H., assignor to The Selby Shoe Co., Portsmouth, Ohio. Shoe. 110,634; July 26.

Bezault, Georges A. J., Juvisy-sur-Orge, France, assignor to Cartier, Societe Anonyme. Clip. 110,635; July 26.

Brown, Garvin M., assignor to Indianapolis Stove Co., Indianapolis, Ind. Stove. 110,611; July 26.

Browne, Richard C. (See Todd, W. L., and Browne, assignors.)

Buecheler, William, Cheviot, Ohio. Combination chalk and cigarette holder for bowling alley newel posts. 110,636; July 26.

Carlin, Harry J., Brooklyn, N. Y. Handbag. 110,612; July 26.

Cartier Societe Anonyme. (See Bezault, Georges A. J., assignor.)

Casco Products Corporation. (See Bahr, Gustave F., assignor.)

Celluloid Corporation. (See North, Mary A., assignor.)

Ciccone, Elizabeth M., New York, N. Y. Dress ensemble. 110,679; July 26.

Colt's Patent Fire Arms Manufacturing Company. (See Schmalz, William F., assignor.)

Cutler, Elizabeth, New York, N. Y. Dress. 110,668; July 26.

Davenport, Lloyd J., Kearny, N. J., assignor to Paul E. Flato, New York, N. Y. Combined watch and bracelet. 110,637; July 26.

Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 110,669; July 26.

Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Dispensing device. 110,613; July 26.

Dunlop Tire and Rubber Corporation. (See Hardeman, William E., assignor.)

Emmerich, Theresa, assignor to Velveray Corporation of America, New York, N. Y. Textile fabric. 110,638; July 26.

Engel, Alice, New York, N. Y. Dress. 110,670; July 26.

Fischer, Elsie, New York, N. Y. Dress. 110,680; July 26.

Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Vaporizer or similar article. 110,614; July 26.

Flato, Paul E. (See Davenport, Lloyd J., assignor.)

Fritz, Theresa M., New York, N. Y. Dress. 110,681; July 26.

Gantner & Mattern Company. (See Riordan, Joseph M., assignor.)

Glaser, Albert H., Beverly Gardens, Los Angeles, Calif., assignor to C. L. Packer, Canton, Ohio. Finger ring. 110,615; July 26.

Goldman, Harry M., New York, N. Y. Textile fabric. 110,684; July 26.

Goldman, Harry M., New York, N. Y. Textile fabric. 110,685; July 26.

Guth, Edwin F., Webster Groves, Mo. Illuminating fixture. 110,639; July 26.

Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 110,686; July 26.

Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 110,687; July 26.

Hardeman, William E., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 110,616; July 26.

Havekost, John T., Flushing, N. Y. Combination container and individual receptacle. 110,640; July 26.

Hess, David, Brooklyn, N. Y. Textile fabric. 110,641; July 26.

Huettemann, Fritz, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 110,671; July 26.

Indianapolis Stove Co. (See Brown, Garvin M., assignor.)

Jobst, Conrad, assignor to The Owens Staple-Tied Brush Company, Toledo, Ohio. Hair brush. 110,642; July 26.

Knapp-Monarch Company. (See Fischer, William H., assignor.)

Knapp-Monarch Company. (See Smith, Howard A., assignor.)

Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Decanter or similar article. 110,672; June 26.

Leisen, Frederic A., Detroit, assignor to Oak Screw Products Company, Hillsdale, Mich. Illuminable hand mirror. 110,656; July 26.

Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel, or the like. 110,617; July 26.

Lewis, Florence M., New York, N. Y. Handbag. 110,618; July 26.

Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,619; July 26.

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,620; July 26.

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,621; July 26.

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,622; July 26.

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,623; July 26.

Mahlum, Edward K., Fergus Falls, Minn. Combination bathroom unit. 110,643; July 26.

McKee Glass Company. (See Smith, Maurice A., assignor.)

Mekeel, Charles H., Jr., Reading, Pa. Bottle. 110,624; July 26.

Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined stove casing and base therefor. 110,673; July 26.

Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Stove casing. 110,674; July 26.

Nesbitt, George W., Sycamore, Ill. Dog harness. 110,625; July 26.

Neuberger, Lester, assignor to Ward Baking Company, New York, N. Y. Toasted bread product. 110,626; July 26.

Newman, Louis, New York, N. Y. Coat. 110,657; July 26.

North, Mary A., New York, N. Y., assignor to Celloid Corporation. Combination frame and handle for mirrors or the like. 110,644; July 26.
Oak Screw Products Company. (See Leisen, Frederic A., assignor.)
Ornsteen, Alfred, Brookline, Mass., assignor to Tober-Saifer Shoe Company, St. Louis, Mo. Shoe. 110,645; July 26.
Owens Staple-Tied Brush Company, The. (See Jobst, Conrad, assignor.)
Packer, Charles L. (See Glaser, Albert H., assignor.)
Pavelka, Joseph. (See Becker, Lester O., assignor.)
Penzel, Dave, New York, N. Y. Belt or similar article. 110,658; July 26.
Petersdorff, Alfred, New York, N. Y. Belt or similar article. 110,659; July 26.
Petrochko, Raymond, Olyphant, Pa. Traffic signal. 110,646; July 26.
Petterson, John P., Chicago, Ill. Spoon or other article of flatware. 110,647; July 26.
Powell, Russell S., Takoma Park, Md. Fishing lure. 110,648; July 26.
Prestyly, Sol, Brooklyn, N. Y. Coat. 110,660; July 26.
Price, David W., New York, N. Y. Dress. 110,661; July 26.
Prigozen, Nathan, New York, N. Y. Coat. 110,688; July 26.
Rambo, Ingar G. (See Uecker, R. A., Beatty, and Rambo.)
Rielly, Joseph A., Forest Hills, N. Y. Combination undergarment. 110,662; July 26.
Riordan, Joseph M., assignor to Gantner & Mattern Company, San Francisco, Calif. Coat. 110,663; July 26.
Rodgers Hydraulic Incorporated. (See Rodgers, James S., assignor.)
Rodgers, James S., assignor to Rodgers Hydraulic Incorporated, Minneapolis, Minn. Portable press. 110,627; July 26.
Roithner, Edward J., New York, N. Y. Radiator shield. 110,675; July 26.
Salomon, Irving, Chicago, Ill. Settee. 110,676; July 26.
Salzberg, Benjamin, New York, N. Y. Decorative nail. 110,628; July 26.
Salzberg, Benjamin, New York, N. Y. Decorative nail. 110,629; July 26.
Salzberg, Benjamin, New York, N. Y. Decorative nail. 110,630; July 26.
Schachter, Max F., New York, N. Y. Candelabrum. 110,631; July 26.
Schmalz, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Container. 110,649; July 26.
Schumer, Jack, New York, N. Y. Coat. 110,664; July 26.
Schumer, Jack, New York, N. Y. Coat. 110,665; July 26.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Selby Shoe Co., The. (See Benton, Wallace H., assignor.)
Seltzer, Leo A., Portland, Oreg. Appliqué emblem or similar article. 110,650; July 26.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric grill or the like. 110,677; July 26.
Smith, Maurice A., assignor to McKee Glass Company, Jeannette, Pa. Glass casserole or similar article. 110,678; July 26.
Smith, Stephen, Berkeley, Calif. Box. 110,651; July 26.
Todd Company, The. (See Todd, W. L., and Browne, assignors.)
Tober-Saifer Shoe Company. (See Ornsteen, Alfred, assignor.)
Todd, Walter L., and R. C. Browne, assignors to The Todd Company, Inc., Rochester, N. Y. Machine for signing facsimilie signatures. 110,652; July 26.
Uecker, Reinhold A., D. E. Beatty, and I. G. Rambo, Wauwatosa, Wis. Scaffold end frame. 110,653; July 26.
United States Glass Co. (See Kostellow, Rowena R., assignor.)
Velveray Corporation of America. (See Emmerich, Theresa, assignor.)
Vernor, James Company. (See Doughty, William E., assignor.)
Waller, Joseph B., Baltimore, Md. Combination match folder and article holder. 110,632; July 26.
Ward Baking Company. (See Neuberger, Lester, assignor.)
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,654; July 26.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,655; July 26.
Zinn, Harry, New York, N. Y. Dress. 110,682; July 26.
Zinn, Harry, New York, N. Y. Dress. 110,683; July 26.
Zuckerman, Harry, New York, N. Y. Coat. 110,666; July 26.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 26TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Charles W. (See Bennett, Ross G., assignor.)
Abele, John C., Philadelphia, Pa. Speed controller for automotive vehicles. 2,124,683; July 26.
Adams Company, The. (See Spensley, William J., assignor.)
Adams, John V. (See Behr, L., Williams, and Adams.)
Adler, Herman G., assignor to Handy Governor Corporation, Detroit, Mich. Governor. 2,125,011; July 26.
Agfa Ansco Corporation. (See Eggert, J., and Wendt, assignors.)
Agfa Ansco Corporation. (See Heymer, Gerd, assignor.)
Agnew, Norman F., Penn Township, Allegheny County, and C. M. Hines, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,124,601; July 26.
Ahrndt, Emil A., and H. W. Söndagh, assignors to Naamlooze Vennootschap Vereenigde Draadfabrieken, Nijmegen, Netherlands. Torsion balance. 2,124,968; July 26.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,125,144; July 26.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,125,145; July 26.
Aircraft Specialties, Inc. (See Vaughan, Willia, assignor.)
Akerman, John, Chicago, Ill., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Airfoil fuel tank for airplanes and the like. 2,124,867; July 26.
Aktiebolaget Formator. (See Dahlström, E. R., and Granstedt, assignors.)
Aktiebolaget Siefvert & Fornander. (See Dietmann, Paul W., assignor.)
Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,124,664; July 26.
Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,124,665; July 26.
Aldridge, Arthur A., assignor of one-half to R. G. Dorrance, Pittsburgh, Pa. Pump. 2,125,041; July 26.
Allman, Richard M., San Francisco, Calif. Artist's color mixing dish. 2,124,810; July 26.
Altvater, Arthur W., University City, and F. Wunder, Maplewood, Mo.; said Wunder assignor to said Altvater. Combined ink-marking and perforating machine. 2,124,870; July 26.
Aluminum Company of America. (See Goll, F. D., and Wareham, assignors.)
Aluminum Industries, Inc. (See Beckmann, Melbourne A., assignor.)
Amco, Incorporated. (See Morton, W. A., and Spencer, assignors.)
American Anode, Inc. (See Beal, Carl L., assignor.)
American Bemberg Corporation. (See Hofmann, Hugo, assignor.)
American Can Company. (See Luthi, Robert, assignor.)
American Can Company. (See Murch, John H., assignor.)
American Enka Corporation. (See Polak, J. J., and Weeldenburg, assignors.)
American Fibre Corporation. (See Nordstrom, G. E., and Holden, assignors.)
American Hard Rubber Company. (See Carson, Oswald B., assignor.)
American Hard Rubber Company. (See Ruckdeschel, E. C., and Brady, assignors.)
American Laundry Machinery Company, The. (See Shepard, James F., assignor.)
American Magnesium Metals Corporation. (See Schichtel, Georg, assignor.)
American Optical Company. (See Tillyer, Edgar D., assignor.)
American Rock Wool Corporation. (See Drill, D. C., Whitenack, and Gregory, assignors.)
American Rolling Mill Company, The. (See Flanders, Hyrum E., assignor.)
American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
American Rolling Mill Company, The. (See Lundeen, Ernest F., assignor.)
American Steel Foundries. (See Oelkers, Alfred H., assignor.)
American Telephone and Telegraph Company. (See Wiener, N., and Lee, assignors.)
American Water Works and Electric Company. (See Clark, Eben W., assignor.)
Andersen, Andrew C. (See Simpson, E. G., and Andersen.)
Anderson, Ammon M., Pecos, Tex. Internal combustion engine. 2,125,213; July 26.
Anderson, James W., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Carbon stripping device. 2,124,996; July 26.
Anderton, Benjamin A., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Waterproofing composition and method. 2,124,843; July 26.
Anglo California National Bank of San Francisco, The, trustee. (See Rey, Henri D., assignor.)
Apfel, Jacob F., and R. S. Jarrett, deceased, Hamilton, Ohio; E. M. Jarrett, administratrix of said R. S. Jarrett, assignor to said Apfel. Tongs. 2,125,214; July 26.
Armour and Company. (See Harrington, Bertie S., assignor.)
Associated Electric Laboratories, Inc. (See Phebus, William C., assignor.)
Associated Patents, Inc. (See Graves, B. P., and Bennett, assignors.)
Associated Telephone & Telegraph Company. (See Saxby, Robert N., assignor.)
Atlantic Service Company. (See Schaefer, Adolph O., assignor.)
Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,125,234; July 26.
Atwell, Harold V., White Plains, assignor to Process Management Company Inc., New York, N. Y. Treatment of hydrocarbon gases. 2,125,235; July 26.
Austenal Laboratories, Inc. (See Merrick, Albert W., assignor.)
Automotive Devices Incorporated. (See Flint, Forrest F. T., assignor.)
Automotive Equipment, Inc. (See Hennecke, Earle V., assignor.)
Automotive Products Company Limited. (See Trapp, George J., assignor.)
Avery, Omer G. (See Norris, R. V., and Avery.)
Aviation Manufacturing Corporation. (See Gehret, Edward F., assignor.)
Bachardy, Stephen J., Allentown, Pa., assignor to Monex Corporation, New York, N. Y. Change making machine. 2,125,058; July 26.
Bachardy, Stephen J., Allentown, Pa., assignor to Monex Corporation, New York, N. Y. Change-paying mechanism. 2,125,059; July 26.
Bagley, Robert M., Haddonfield, assignor to R. M. Hollingshead Corporation, Camden, N. J. Grease dispensing apparatus. 2,125,258; July 26.
Bagley, Robert M., Haddonfield, assignor to R. M. Hollingshead Corporation, Camden, N. J. Grease dispensing means. 2,125,259; July 26.
Bagley, Wallace E., Glenside, and H. H. Bartel, assignors to Huck-Gerhardt Company, Inc., Philadelphia, Pa. Overhead garage door construction. 2,124,969; July 26.
Bagley, Wallace E., Glenside, assignor to Huck-Gerhardt Company, Inc., Philadelphia, Pa. Closing and locking device for overhead garage doors. 2,124,970; July 26.
Bailey, William M., Company. (See Bowland, Andrew, assignor.)
Baker-Raulang Company, The. (See Hawkins, Paul E., assignor.)
Balaam, Maurice A., Lompoc, Calif. Irrigation pipe transporting machine. 2,125,252; July 26.
Baldwin-Southwark Corporation. (See Kerr, Samuel L., assignor.)
Barbour, Alexander D., assignor to Ontario Research Foundation, Toronto, Ontario, Canada. Making an alimentary product. 2,125,215; July 26.
Barbulesco, Constantin D., Dayton, Ohio. Ultrahigh frequency marker beacon system. 2,124,533; July 26.
Bardají, Teodoro B., Barcelona, Spain, assignor to J. M. Bragulat, New York, N. Y. Foldable bed. 2,124,602; July 26.
Barna, Nicolas, assignor of one-half to Société les Fils de Emile Salmson, Paris, France. Apparatus adapted for the propulsion of fluids. 2,124,901; July 26.
Barnard, Charles W., assignor to Kwikon Company, Chicago, Ill. Conduit connecter. 2,124,942; July 26.
Barnes, Thomas D., Newark, and W. G. Mylius, Summit, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blade terminal for meters. 2,125,060; July 26.
Barnett, Walter, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rack. 2,124,645; July 26.

Barnhart, George E., Pasadena, Calif. Golf club. 2,124,534; July 26.
Barrett Company, The. (See Anderton, Benjamin A., assignor.)
Barrett Company, The. (See Miller, Stuart P., assignor.)
Barrett, Harry B., St. Louis, Mo. Brake gauge. 2,124,603; July 26.
Barsch, Guillaume, Paris, France, assignor to Industrie A. G. Allegro, Emmenbrucke, Switzerland. Knife sharpening device. 2,124,646; July 26.
Bartel, Harry H. (See Bagley, W. E., and Bartel.)
Bass, Shaller L. (See Britton, E. C., Bass, and Hallonquist.)
Bassick Company, The. (See Pope, Dudley E., assignor.)
Batdorf, Seymour, assignor to Liberty Can and Sign Company, Lancaster, Pa. Receptacle opener. 2,124,522; July 26.
Bates, Charles J., Jr., Englewood, N. J., and G. Del Grosso, assignors to The Mosler Safe Company, Hamilton, Ohio. Bolt actuating mechanism. 2,124,758; July 26.
Battelle Memorial Institute. (See Harder, Oscar E., assignor.)
Bauder, Raymond E., Chicago, Ill. Check-protecting means. 2,124,535; July 26.
Bauler, George A., Minneapolis, Minn. Tooth brush. 2,124,647; July 26.
Beal, Carl L., Cuyahoga Falls, assignor to American Anode, Inc., Akron, Ohio. Method and apparatus for molding articles. 2,124,871; July 26.
Beck, Roy C. (See Jenking, A. C., and Beck.)
Beckmann, Melbourne A., assignor to Aluminum Industries, Inc., Cincinnati, Ohio. Permanent mold. 2,124,998; July 26.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,125,096; July 26.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power system. 2,125,097; July 26.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Recovery of alkali metal nitrates. 2,124,536; July 26.
Behr, Leo, and A. J. Williams, Jr., Philadelphia, Pa., and J. V. Adams, New Rochelle, N. Y., assignors to Leeds & Northrup Company, Philadelphia, Pa. Recorder and control system. 2,124,684; July 26.
Bell Telephone Laboratories, Incorporated. (See Sykes, Roger A., assignor.)
Bells, George A., Los Angeles, Calif. Radius turning apparatus. 2,124,902; July 26.
Belobrajdech, Stefan, Milwaukee, Wis. Display device for shop windows. 2,124,997; July 26.
Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)
Bendix Aviation Corporation. (See Carroll, E. G., and Taylor, assignors.)
Bendix Aviation Corporation. (See Hunt, S. F., Olson, and Wirth, assignors.)
Bendix Aviation Corporation. (See La Brie, Ludger E., assignor.)
Bendix Products Corporation. (See Akerman, John, assignor.)
Bendix Products Corporation. (See Frank, Frederick C., assignor.)
Bendix Products Corporation. (See Hunt, Scott F., assignor.)
Bendix Products Corporation. (See La Brie, Ludger E., assignor.)
Bendix Products Corporation. (See McNeal, Ellis D., assignor.)
Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,124,666; July 26.
Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Cylinder grinder. 2,125,061; July 26.
Bennett, Albert E., Jacksonville, Fla. Fluid controlling mechanism for weighing scales. 2,124,811; July 26.
Bennett, Arthur F. (See Graves, B. P., and Bennett.)
Bennett, Ross G., Fairfield, Conn. assignor, by mesne assignments, to C. W. Abbott, Larchmont, N. Y. Pendant receptacle. 2,124,943; July 26.
Benninger, John M., Brooklyn, assignor of one-half to Fannie Tannenbaum, New York, N. Y. Hat form. 2,125,098; July 26.
Bergmann, Armin. (See Huckfeldt, G., and Bergmann.)
Bergstein, Edna M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Robert M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Egg container. 2,125,042; July 26.
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Device for opening, discharging the contents of, and multilating cartons. 2,125,146; July 26.
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Machine and method for making knock-down boxes. 2,125,147; July 26.
Betry, Owen C., Glendale, Calif. Fuel temperature regulator and distributor. 2,125,216; July 26.
Bidwell, William B, II, assignor of one-half to W. C. Bidwell, Portland, Oreg. Internal combustion engine. 2,124,604; July 26.
Bidwell, William C. (See Bidwell, William B., assignor.)
Binder, William O., Niagara Falls, N. Y., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,537; July 26.
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,125,062; July 26.
Blanton, Carl L., Chester, Pa. Engine cooling system and structure. 2,124,523; July 26.
Blodgett, Frederick H., Bellows Falls, Vt. Pruning shears. 2,125,217; July 26.
Blough Manufacturing Co. (See Wagner, Charles S., assignor.)
Blum, George J., Chicago, Ill. Elevating device for automotive vehicles. 2,124,726; July 26.
Boekels, Hans, Berlin-Wannsee, Germany, assignor to General Electric Company. Electrodynamical measuring instrument. 2,125,151; July 26.
Bollens, Walter F., et al. (See Newton, R. C., and Bollens.)
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining sulphurized organic materials. 2,125,218; July 26.
Boroughs, Frank S., Elmhurst, Long Island, assignor to G. M. Co. Manufacturing Co., Inc., Long Island City, N. Y. Valve core. 2,124,844; July 26.
Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl chlorides. 2,124,605; July 26.
Bowland, Andrew, Mount Labanon, Pa., assignor to William M. Bailey Company. Fluid valve. 2,125,253; July 26.
Bown, Samuel, St. Louis County, assignor to International Shoe Company, St. Louis, Mo. Making shoes. 2,124,727; July 26.
Boyer, John A., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making a boron carbide composition. 2,124,538; July 26.
Bradbyer, Myron W., Hammond, Ind. Building block mold and forming faced building units. 2,124,759; July 26.
Bradley, Francois C., Union, Miss. Eyeglass repair device. 2,124,903; July 26.
Brady, William N. (See Ruckdeschel, E. C., and Brady.)
Bragg-Kliesrath Corporation. (See Kliesrath, Victor W., assignor.)
Bragulat, Jose M. (See Bardaji, Teodoro B., assignor.)
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Card index panel and card carrier combination. 2,124,904; July 26.
Bratasianu, Constantin P., Cralova, Rumania. Manufacturing cast iron and other materials. 2,124,905; July 26.
Brelsford, James B., and J. M. Roth, Dayton, Ohio. Rotary pump blade. 2,124,539; July 26.
Brendel, Leon, Ontario, Calif. Antiseptic bung. 2,124,685; July 26.
Brenkert, Neal, Detroit, Mich. Arc indicator system for projection lamps. 2,125,148; July 26.
Brennan, Joseph B., Fort Wayne, Ind. Vent for electrolytic condensers. 2,124,648; July 26.
Bridge Master, Inc. (See Ellis, Albert, assignor.)
Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
Brinkman, Laura, et al. (See Brinkman, Louis H., assignor.)
Brinkman, Louis H., deceased, late of Glen Ridge, N. J.; L. Brinkman, administratrix, assignor of one-third to L. Brinkman, and one-third to B. Moriarty, White Plains, N. Y., and one-third to N. B. Cocke, Birmingham, Ala. Metal drawing device. 2,124,961; July 26.
Britton, Edgar C., S. L. Bass, and E. G. Hallonquist, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether compositions. 2,124,540; July 26.
Brixner, Frederick W., Gates, assignor to General Railway Signal Company, Rochester, N. Y. Polar impulse repeating system. 2,124,847; July 26.
Brooks, George W., La Grange, assignor to The S. O. S. Company, Chcago, Ill. Cleansing article. 2,125,099; July 26.
Burton, Herbert W., Dayton, Ohio. Gas tank locking cap. 2,125,012; July 26.
Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Tool for operating on shoes. 2,124,649; July 26.
Brown Instrument Company, The. (See Harrison, T. R., and Side, assignors.)
Brown Instrument Company, The. (See Moore, Coleman B., assignor.)
Brügmann, William F., Evanston, Ill. Printer's register hook. 2,124,728; July 26.
Bruns, William H., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Electromagnetic control device. 2,125,149; July 26.
Bruns, William H., Lincolndale, assignor to Otis Elevator Company, New York, N. Y. Electromagnetic control device. 2,125,150; July 26.
Bryant Heater Company, The. (See Stark, W. E., and Patterson, assignors.)

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Statistical machine. 2,124,906; July 26.
Buchel, Johannes A., and R. N. J. Saal, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Refining mineral oil. 2,124,606; July 26.
Büchner, Artur, and H. Neumann, Berlin-Siemensstadt, and H. Reinboth, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Manufacturing permanent magnets. 2,124,607; July 26.
Buffalo Pressed Steel Company. (See Haas, L. L., and Starkweather, assignors.)
Buffalo Pressed Steel Company. (See Starkweather, Gail C., assignor.)
Bunting, Alwyn R., Porthsmouth, Va. Device for extracting contents from tubes. 2,124,907; July 26.
Burdick, Frank. (See Russell, S. G., and Burdick.)
Burgess, Richard H., San Antonio, Tex. Propulsion mechanism for aircraft. 2,125,063; July 26.
Burgess, Richard H., San Antonio, Tex. Variable camber wing for aircraft. 2,125,064; July 26.
Burkitt, Henry L. (See Stern, Fred H., assignor.)
Burnett, Harry E. (See Wolf, Howard O., assignor.)
Burrington, Walter W., assignor to Northwest Air Service Inc., Seattle, Wash. Propeller blade pitch setting device. 2,124,760; July 26.
Butler, George I. (See Cranford, W. W., and Butler.)
Byck, Harold T. (See Loomis, A. G., Byck, and Fidiam.)
Caldwell, Paul. (See Knapheide, M. D., Caldwell, and Elmslie.)
Campbell, Bruce H., Atlanta, Ga. Rheostat for an electrical battery indicator. 2,125,219; July 26.
Canfield, Harry R. (See Roemer, Ralph R., assignor.)
Capezio, Salvatore, East Paterson, N. J. Side tap and tap assembly for dancers. 2,124,908; July 26.
Capstan Glass Company. (See McNamara, William L., assignor.)
Carborundum Company, The. (See Benner, R. C., and Melton, assignors.)
Carborundum Company, The. (See Boyer, John A., assignor.)
Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 2,125,043; July 26.
Carisi, John. (See Cox, L. C., and Carisi.)
Carlson, Ernest H., Chicago, Ill. Sash cord fastener. 2,125,152; July 26.
Carothers, Wallace H., and H. B. Dykstra, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketals. 2,124,686; July 26.
Carroll, Eugene G., and C. H. Taylor, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,761; July 26.
Carroll, Eugene G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,762; July 26.
Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Comb. 2,124,687; July 26.
Case, Francis M., deceased, by L. H. Case, administratrix, Cleveland Heights, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Automatic fishing reel. 2,124,524; July 26.
Case, Lucy H., administratrix. (See Case, Francis M.)
Cassey, Thomas E., Chevy Chase, Md. Electrical outlet box and clamp. 2,124,541; July 26.
Castner, James B., and R. F. Peterson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentrating acid solutions. 2,124,729; July 26.
Caughey, John M., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring cushion. 2,124,730; July 26.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Rolling composite metal stock. 2,125,153; July 26.
Chaffee, Edward F., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Railway car trap door and folding step construction. 2,124,872; July 26.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Internal combustion percussive hammer. 2,125,013; July 26.
Chain Belt Company. (See Lind, Arthur C., assignor.)
Chambon Corporation. (See Grupe, William F., assignor.)
Chemische Fabrik R. Baumheier Kommanditgesellschaft. (See Kern, Rudolf, assignor.)
Chesnut, John D. (See Wood, Walter A., assignor.)
Chessler, Edward, Baltimore, Md. Device and method for forming plaits. 2,124,650; July 26.
Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter. 2,124,812; July 26.
Chisholm, William, Toronto, Ontario, Canada. Rotary engine. 2,124,542; July 26.
Christensen, Axel, Racine, Wis. Thermostatic control switch. 2,124,999; July 26.
Christiansen, Christian, Fargo, N. Dak. Tractor hitch. 2,125,014; July 26.
Christensen, Jens H., Sterrehus, Holte, Denmark. Photographic developer. 2,124,608; July 26.
Christensen, Norman V., Chicago, H. Hacklander, Tinley Park, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,125,044; July 26.
Clad Metals Industries, Inc. (See Chace, Thomas B., assignor.)
Clare, Norval D. (See Gilbert, H. N., and Clare.)
Clark, Eben W., Lynbrook, assignor to American Water Works and Electric Company, Incorporated, New York, N. Y. Closure device. 2,124,763; July 26.
Cleveland Graphite Bronze Company, The. (See Fies, Herbert W., assignor.)
Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., and Swartz, assignors.)
Clyne, James B., assignor to L. B. Grannis, Chicago, Ill. Vaporizer. 2,124,543; July 26.
Cobb, James F., Portland, Oreg., assignor to Moore Dry Kiln Company of Oregon. Dry kiln and kiln drying. 2,124,845; July 26.
Cocke, Natalie B., et al. (See Brinkman, Louis H., assignor.)
Collis Company, The. (See Considine, Robert P., assignor.)
Colorgraph Corporation. (See Lee, Albert P., assignor.)
Colt's Patent Fire Arms Manufacturing Co. (See Conner, Benjamin F., assignor.)
Colt's Patent Fire Arms Manufacturing Co. (See Conner, B. F., and Schmalz, assignors.)
Colwell, Harry R., Kitanning, Pa. Method and apparatus for shortening bridge structural members or the like. 2,125,220; July 26.
Communication Patents, Inc. (See Nicolson, Alexander McL., assignor.)
Comstock, John A., assignor to Illinois Tool Works, Chicago, Ill. Method and apparatus for producing neutral atmosphere in heat treating furnaces. 2,124,764; July 26.
Condor Products, Inc. (See Knoll, Floyd A., assignor.)
Coney, Donald I., Detroit, Mich., assignor to N. M. Seeburg, Chicago, Ill. Phonograph. 2,125,100; July 26.
Connecticut Electric Manufacturing Co., The. (See Cook, H. J., and Fitzgerald, assignors.)
Connelly, Gerald L., Mount Vernon, N. Y., assignor to Dexdale Hosiery Mills, Lansdale, Pa. Display device. 2,125,045; July 26.
Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,124,873; July 26.
Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,124,874; July 26.
Considine, Robert P., Fulton, Ill., assignor to The Collis Company, Clinton, Iowa. Rack for refrigerators. 2,125,000; July 26.
Continental Can Company. (See Kronquest, Alfred L., assignor.)
Continental Motors Corporation. (See Jacoby, Enos R., assignor.)
Cook, Earle S., Wilkinsburg, and C. F. Hammer, Greensburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake control mechanism. 2,125,101; July 26.
Cook, Harmon J., Torrington, and G. E. Fitzgerald, Bridgeport, assignors to The Connecticut Electric Manufacturing Co., Bantam, Conn. Electric light fixture. 2,125,065; July 26.
Cooper, Ethel A., Denver, Colo. Folding ironing board. 2,124,765; July 26.
Cornelius, Richard T., Minneapolis, Minn. Beer dispensing device. 2,125,102; July 26.
Corser, John, Minneapolis, Minn. Fuse plug. 2,124,813; July 26.
Coulter, Andrew F., Wilkinsburg, assignor to F. Schaefer, Pittsburgh, Pa. Brake beam leveler. 2,124,944; July 26.
Coulter, Howard N., United States Navy, San Pedro, and G. R. Fisher, Mountain View, Calif. Visual indicating radio direction finder. 2,124,544; July 26.
Cowen, Rawson R., and C. L. Silvia, assignors to New Jersey Rubber Company, Taunton, Mass. Manufacture of rubber tubing. 2,125,001; July 26.
Cox, Ernest H., Houston, Tex. Well tester. 2,124,766; July 26.
Cox, Louis C., Brightwaters, and J. Carisi, Jamaica, assignors to Federal Aircraft Corporation, Lindenhurst, N. Y. Internal combustion engine control. 2,125,066; July 26.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 2,125,221; July 26.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,124,651; July 26.
Crandell, Dean DeF., assignor to National Gypsum Company, Buffalo, N. Y. Producing plaster materials. 2,125,046; July 26.
Cranford, Wilbert W., and G. I. Butler, La Grange, Ill. Machine for testing golf balls and the like. 2,124,731; July 26.
Creason, Frank, Liberty, Mo. Machine for producing traffic lines in concrete. 2,125,254; July 26.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,124,909; July 26.

Culinovic, Phillip, Summit, Ill. Can opener. 2,124,732; July 26.

Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching heels to shoes. 2,124,545; July 26.

Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat forming machine. 2,124,546; July 26.

Curle, Charles W. and T., San Francisco, Calif. Vise lock. 2,124,652; July 26.

Curle, Theodore. (See Curle, Charles W. and T.)

Cutler-Hammer, Inc. (See Ritzenthaler, P. J., and Sheehan, assignors.)

Dahlström, Ernst R., Aslsten, and K. E. Granstedt, Stockholm, assignors to Aktiebolaget Formator, Stockholm, Sweden. Device for distributing tobacco mass. 2,124,910; July 26.

Darne, Regis, St. Ethienne, France. Automatic firearm. 2,124,911; July 26.

Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy secondary disazo dyes and their preparation. 2,124,688; July 26.

Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Brown azo dyes. 2,124,689; July 26.

Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Brown wool dye. 2,124,690; July 26.

Davidson, Benjamin F., and C. F. Morse, Dubuque, Iowa, assignors to Mergenthaler Linotype Company. Preventing the adherence of molten metal to an object. 2,125,067; July 26.

Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Carton. 2,124,868; July 26.

Davies, Edward S., et al. (See Scott, James A., assignor.)

Davis, William E., Seven Springs, N. C. Toy walking animal. 2,124,667; July 26.

Dawn, John W., Santa Monica, Calif. Disguise medium. 2,124,767; July 26.

Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)

Decker, Hugh L., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Molding device. 2,124,733; July 26.

Del Grosso, Gerard. (See Bates, C. J., and Del Grosso.)

Deller, Anthony W. (See Schmid, Carl, assignor.)

De Long, Darrol F., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,124,846; July 26.

Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Forging die. 2,125,068; July 26.

Denig, Fred., Pittsburgh, Pa., and H. A. Gollmar, Union, N. J., assignors, by mesne assignments, to Koppers Company. Gas and liquid contact apparatus and method. 2,125,190; July 26.

Dent, Charles E. (See Linstead, R. P., and Dent.)

De Port, Theophile, Dayton, Ohio. Recording instrument. 2,124,547; July 26.

De Stagni, Adolfo S., Buenos Aires, Argentina. Purification of used lubricating oils. 2,124,814; July 26.

De Stubner, Emile, New York, N. Y. Manufacturing colored soluble cellulose. 2,125,103; July 26.

Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)

Deusche Gold und Silber Scheideanstalt vormals Roessler. (See Jaeger, Gustav, assignor.)

DeVout, Anson W., La Grange Park, assignor to Industrial Patents Corporation, Chicago, Ill. Method and apparatus for dipping poultry. 2,124,691; July 26.

Dexdale Hosiery Mills. (See Connelly, Gerald L., assignor.)

Dexter Folder Company. (See Hitchcock, Reuben, assignor.)

Dickenson, Ernest H., New York, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Drill cleansing device. 2,124,609; July 26.

Dicks, Thomas A., Pittsburgh, Pa. Propeller. 2,124,548; July 26.

Dicks, Thomas A., Pittsburgh, Pa. Propeller blade. 2,124,549; July 26.

Dietmann, Paul W., Jonkoping, assignor to Aktiebolaget Siefvert & Fornander, Kalmar, Sweden. Pull match packet. 2,124,815; July 26.

Dill Manufacturing Company, The. (See Crowley, John C., assignor.)

Dillon, James P., assignor of one-third to H. Fuller, New York, N. Y. Windshield heater for vehicles. 2,125,154; July 26.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway car construction. 2,125,047; July 26.

Dixie-Vortex Company. (See Fenner, Robert C., assignor.)

Dolgoff, Wladimir, Paris, France. Submersible motor. 2,124,610; July 26.

Dorman, Martin. (See Scepaniak, Adam W., assignor.)

Dorrance, Roy G. (See Aldridge, Arthur A., assignor.)

Douglas, Keith G., assignor to William Gorse Co., Inc., Needham Heights, Mass. Circular knitted elastic fabric. 2,125,255; July 26.

Douglass, William A., Baltimore, Md. Beer coil cleaner. 2,124,875; July 26.

Dow Chemical Company, The. (See Binder, William O., assignor.)

Dow Chemical Company, The. (See Britton, E. C., Bass, and Hallonquist, assignors.)

Dow Chemical Company, The. (See Gann, John A., assignor.)

Dow Chemical Company, The. (See Hanawalt, J. D., and Nelson, assignors.)

Doyle, Edmund A., Brooklyn, N. Y., assignor by mesne assignments, to Union Carbide and Carbon Corporation. Method of and apparatus for removing metal from the surfaces of metallic bodies. 2,125,179; July 26.

Drain, James A., Jr., assignor to Sperry Products, Inc., Brooklyn, N. Y. Arc welding. 2,124,849; July 26.

Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Welding process. 2,124,850; July 26.

Drew, Frederick W., Portsmouth, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 2,124,653; July 26.

Dreyfus, Camille, New York, N. Y. Cellulose derivative compositions and making the same. 2,124,611; July 26.

Driggs, Louis L., Jr., Dayton, Ohio. Flare. 2,124,876; July 26.

Drill, Daniel C., and C. L. Whitenack, Wabash, Ind., and J. H. Gregory, Wheaton, Ill., assignors to American Rock Wool Corporation, Wabash, Ind. Applying binding materials. 2,124,768; July 26.

Dubner, Harry J., New York, N. Y. Corselet. 2,124,769; July 26.

Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Dykstra, assignors.)

Du Pont, E. I., de Nemours & Company. (See Castner, J. B., and Peterson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., and Woodward, assignors.)

Du Pont, E. I., de Nemours & Company. (See Gilbert, H. N., and Clare, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hauff, T. W., and Kirst, assignors.)

Du Pont, E. I., de Nemours & Company. (See Reed, James K., assignor.)

Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Zelsberg, Fred C., assignor.)

Dyksterhuis, Albert. (See Rust, J., and Dyksterhuis.)

Dykstra, Harry B. (See Carothers, W. H., and Dykstra.)

Eastman Kodak Company. (See Hickman, Kenneth C. D., assignor.)

Eastman Kodak Company. (See Martin, Lawrence H., assignor.)

Eastman Kodak Company. (See Meyer, Lester W. A., assignor.)

Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)

Eastman Kodak Company. (See Moomaw, Lewis H., assignor.)

Eastman Kodak Company. (See Murray, Alexander, assignor.)

Eastman Kodak Company. (See Pool, S. C., and Piker, assignors.)

Eastman Kodak Company. (See Wittel, Otto, assignor.)

Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)

Eclipse Machine Company. (See Chilton, Roland, assignor.)

Edgeworth, William R., assignor to Rubini Cigar Company, Chicago, Ill. Game apparatus. 2,125,236; July 26.

Edwards, O. M., Company, The. (See Chaffee, Edward F., assignor.)

Edwards, Walter, Luton, England. Shotgun cartridge. 2,125,224; July 26.

Eggert, John, Leipzig-Gohlis, and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,124,612; July 26.

Ehmann, Leslie G., assignor to Electric Steel Foundry, Portland, Oreg. Shackle. 2,124,912; July 26.

Elnson-Freeman Co. (See Horr, John V., assignor.)

Elsenberg, Harry, and A. J. Zolenas, Jr., Baltimore, Md. Liquid dentifrice. 2,124,971; July 26.

Electric Auto-Lite Company. (See Decker, Hugh L., assignor.)

Electric Household Utilities Corporation. (See Engel, Edward, assignor.)

Electric Household Utilities Corporation. (See Jensen, Joseph W., assignor.)

Electric Household Utilities Corporation. (See Shute, Alfred J., assignor.)

Electric Steel Foundry. (See Ehmann, Leslie G., assignor.)

Elgin Corporation, The, et al. (See Leach, E. C., and Manthis, assignors.)

Ellery, Arthur B., Akron, Ohio. Vehicle brake control mechanism. 2,125,104; July 26.

Ellis, Albert, assignor to Bridge Master, Inc., New York, N. Y. Game apparatus. 2,124,941; July 26.

Elmslie, Wallace P. (See Knapheide, M. D., Caldwell, and Elmslie.)

Emulsoids, Inc. (See Knight, Hugh, assignor.)

Engel, Edward, Bloomington, assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet ironer. 2,124,972; July 26.

Engel, Hermann, Ostermundigen, Switzerland. Telephone system. 2,124,913; July 26.

Enterprise Manufacturing Company, The. (See Case, Francis M., assignor.)

Erickson, Anton E., Milwaukee, Wis., assignor to United States Rubber Products, Inc., New York, N. Y. Method and apparatus for removing articles from molds. 2,124,613; July 26.

Ernst, Carl J. (See Gargen, O. F., and Ernst.)

Espe, Werner, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Glow cathode. 2,125,105; July 26.

Ethridge, James M., Mesilla Park, N. Mex. Delinting cotton seed. 2,124,816; July 26.

Evans, Arthur J., Columbus, N. Mex. Windmill governor. 2,125,222; July 26.

Evans, Charles E., Seattle, Wash.; M. A. Evans, owner by decree of distribution. Rope tying machine. 2,124,770; July 26.

Evans, Charles S., Oakland, Calif. Measuring instrument. 2,124,550; July 26.

Evans, Minnie A. (See Evans, Charles E.)

Everlastik, Incorporated. (See Hesse, Richard, assignor.)

Exel Auto Radiator Company. (See Sperry, Philmore F., assignor.)

Fahey, Richard J. (See Waring, R. W., and Fahey.)

Fairbanks, Edwin B., Coldwater, assignor to General Railway Signal Company, Rochester, N. Y. Detachable terminal board for electrical devices. 2,125,256; July 26.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control for high speed trains. 2,125,155; July 26.

Farnham, Ivan R., F. W. Sturm, and F. W. Mueller, assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,124,614; July 26.

Fearing, Justin L., Scarsdale, N. Y. Wave translating method and circuits. 2,124,973; July 26.

Federal Aircraft Corporation. (See Cox, L. C., and Carisi, assignors.)

Fenner, Robert C., Evanston, assignor to Dixie-Vortex Company, Chicago, Ill. Cup for packaging confections. 2,125,069; July 26.

Ferguson, J. L., Company. (See Ferguson, J. L., and Talbot, assignors.)

Ferguson, John L., and R. C. Talbot, assignors to J. L. Ferguson Company, Joliet, Ill. Case loader. 2,124,962; July 26.

Fermier, George F., and J. C. Stokes, assignors to Reed Roller Bit Company, Houston, Tex. Casing hook. 2,124,692; July 26.

Ferro Stamping and Manufacturing Company. (See Roethel, John H., assignor.)

Fidiam, James F., Jr. (See Loomis, A. G., Byck, and Fidiam.)

Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,125,257; July 26.

Fies, Herbert W., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Clutch. 2,124,734; July 26.

Fieux, Jean, assignor of one-half to Schneider & Cie., Paris, France. Gyroscope. 2,124,817; July 26.

Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine and method for applying pressure to shoe bottoms. 2,124,654; July 26.

Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Bottom filling machine. 2,125,156; July 26.

Fish, Ned D., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 2,124,771; July 26.

Fisher, Gerhard R. (See Coulter, H. N., and Fisher.)

Fisk Rubber Corporation, The. (See Hubach, Gustave, assignor.)

Fitch, Ellery R. (See Hewitt, E. E., and Fitch.)

Fitzgerald, George E. (See Cook, H. J., and Fitzgerald.)

Fitzky, Wilhelm, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Halogen-substituted alcohols and preparing them. 2,124,851; July 26.

Flanders, Hyrum E., assignor to The American Rolling Mill Company, Middletown, Ohio. Hard alloy cutting tool. 2,124,877; July 26.

Flint, Forrest F. T., Detroit, Mich., assignor to Automotive Devices Incorporated. Fluid pressure motor. 2,124,735; July 26.

Flury, William J., Long Beach, Calif. Water circulating fishing tool. 2,124,772; July 26.

Foltz, Wallie, Milwaukee, Wis. Knife. 2,124,615; July 26.

Föttinger, Hermann, Berlin-Wilmersdorf, Germany. Rotating bowl pump. 2,124,914; July 26.

Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Wheel. 2,124,773; July 26.

Frankel, William, New York, N. Y. Peephole device. 2,124,525; July 26.

Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,124,668; July 26.

Fried, Nathan, assignor to Johnson Belting Company, New York, N. Y. Method of and machine for stretching leather. 2,125,223; July 26.

Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring and spring structure for cushioned seats and backs. 2,124,655; July 26.

Friedman, Henry L., East Cleveland, and M. Pollock, Cleveland; said Pollock assignor to W. J. Wesseler, East Cleveland, Ohio. Liquid spraying device. 2,124,551; July 26.

Fryer, Roy C., Cincinnati, Ohio, assignor to The Orion Electric Company, Wilmington, Del. Electrical distribution system. 2,124,693; July 26.

Fuller, Hannah. (See Dillon, James P., assignor.)

Fuykers, Theodor, Dusseldorf, Germany. Drying device for traveling webs. 2,124,669; July 26.

G. M. Co. Manufacturing Co. (See Boroughs, Frank S., assignor.)

Gachet, Ernest J., and H. E. Humphries, assignors to Siemens Brothers & Company Limited, London, England. Electric switching device. 2,124,694; July 26.

Galsman, Lucien, Woodley, Manchester, England. Rubber products. 2,124,774; July 26.

Gamel, Gayne D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing device for circuit breakers. 2,125,157; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,124,552; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,553; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,554; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,555; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,556; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,557; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,558; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,559; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,560; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,561; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,562; July 26.

Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,124,563; July 26.

Gargen, Otto F., and C. J. Ernst, Milwaukee, Wis. Paint. 2,125,237; July 26.

Gas Tool Patents Corporation. (See Charles, Carl L., assignor.)

Gasoline Products Company. (See Atwell, Harold V., assignor.)

Gasoline Products Company. (See Sullivan, Pike H., assignor.)

Gaspar, Bela, Brussels, Belgium. Multicolor photographic material and using the same. 2,125,015; July 26.

Gauger, Frank A., Milwaukee, Wis. Pilot burner construction. 2,124,915; July 26.

Gehret, Edward F., Jersey Shore, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Producing cylinders for internal combustion engines. 2,125,106; July 26.

General Aniline Works, Inc. (See Lange, Werner, assignor.)

General Aniline Works, Inc. (See Nerescheimer, H., Held, and Vilsmeier, assignors.)

General Aniline Works, Inc. (See Schmelzer, Albert, assignor.)

General Aniline Works, Inc. (See Sieglitz, Adolf, assignor.)

General Aniline Works, Inc. (See Tischbein, Willy, assignor.)

General Electric Company. (See Bedford, Burnice D., assignor.)

General Electric Company. (See Boekels, Hans, assignor.)

General Electric Company. (See Harty, Edgar A., assignor.)

General Electric Company. (See Kjolseth, Ole K., assignor.)

General Electric Company. (See Kling, August J., assignor.)

General Electric Company. (See Kuyper, William W., assignor.)
General Electric Company. (See Lyman, Harold T., assignor.)
General Electric Company. (See Marks, Charles L., assignor.)
General Electric Company. (See McMahan, Kenton D., assignor.)
General Electric Company. (See Pratt, William H., assignor.)
General Electric Company. (See White, Leo D., assignor.)
General Electric Company. (See Zurcher, Ernest, assignor.)
General Fireproofing Company, The. (See Brainard George C., assignor.)
General Ice Cream Corporation. (See Snowden, Byron S. assignor.)
General Motors Corporation. (See Grooms, Albert O., assignor.)
General Railway Signal Company. (See Brixner, Frederick W., assignor.)
General Railway Signal Company. (See De Long, Darrol F., assignor.)
General Railway Signal Company. (See Fairbanks, Edwin B., assignor.)
General Railway Signal Company. (See Field, Oscar S., assignor.)
General Railway Signal Company. (See Hitchcock, Forest B., assignor.)
General Railway Signal Company. (See Larry E. C., and Langdon, assignors.)
General Railway Signal Company. (See Larry, E. C., and Twitchell, assignors.)
General Railway Signal Company. (See Powell, Winfred T., assignor.)
Gerdes, Theodore H., Dike, Iowa. Can opener and dispenser. 2,125,002; July 26.
Gilbert, Harvey N., and N. D. Clare, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal purification. 2,124,564; July 26.
Gillis, George H., Fitchburg, Mass. Locking device for removable heels. 2,125,158; July 26.
Gilman Fanfold Corporation. (See Anderson, James W., assignor.)
Gingell, Harry, Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rack. 2,124,656; July 26.
Ginter, Karl and T. Ginter, New York, N. Y. Ornamentation and decoration of sheet metal articles. 2,125,107; July 26.
Ginter, Theodor. (See Ginter, Karl, and T.)
Givren, James C., Brockton, Mass. Making cushion soles. 2,125,238; July 26.
Gleason, William W., assignor to Nachman Springfilled Corporation, Chicago, Ill. Spring assembly. 2,124,695; July 26.
Goldsworthy, Albert H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Diaphragm closure for bearings. 2,124,526; July 26.
Goll, Frank D., and J. K. Wareham, New Kensington, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa. Liquid container. 2,124,565; July 26.
Golimar, Herbert A. (See Denig, F., and Golimar.)
Goostray, Joseph, Milton, assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass. Piston for horizontal cylinders. 2,124,527; July 26.
Gorse, William, Co. (See Douglas, Keith G., assignor.)
Gourdou, Charles E. P., Le Parc St.-Maur, France, assignor to Société Anonyme de Constructions Aeronautiques (S. A. G. A.) Geneva, Switzerland. Sighting gear. 2,125,225; July 26.
Gouverneur, Fernand, Paris, France. Milling cutter with helical teeth. 2,124,818; July 26.
Granlis, L. Bruce. (See Clyne, James B., assignor.)
Granstedt, Karl E. (See Dahlström, E. R., and Granstedt.)
Grant, Albert E., assignor to Albert T. Otto & Sons, Inc., New York, N. Y. Screw socket. 2,124,616; July 26.
Graves, Benjamin P., Cranston and A. F. Bennett, West Barrington, R. I., assignors to Associated Patents, Inc. Machine tool. 2,124,852; July 26.
Greenawalt, Robert H., Conoquenessing, Pa. Casing cutter. 2,124,617; July 26.
Gregory, Jesse H. (See Drill, D. C., Whitenack, and Gregory.)
Griplock, Inc. (See Watt, B. L., and Smith, assignors.)
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,125,070; July 26.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,566; July 26.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,567; July 26.
Gross, William L., Brooklyn, N. Y. Watch holder construction. 2,124,945; July 26.
Grosse, Aristid V. (See Morrell, J. C., and Grosse.)
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Making coated cans. 2,124,853; July 26.
Gruver, Frank S., Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Gauge. 2,125,016; July 26.
Guinzburg, Roland H., Flushing, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Making hollow rubber articles. 2,124,854; July 26.
Gulf Cone Co. (See Johnson, Jesse B., assignor.)
Gunnelius, Hans A. G., and N. H. Liander, Stockholm, Sweden. Recovery of type metal and similar alloys. 2,125,226; July 26.
Haas, Lucien L., Buffalo, and G. C. Starkweather, Kenmore, assignors to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Muffler. 2,124,916; July 26.
Hacker, Horace W. (See Trotter, Henry R., assignor.)
Hacker, Oskar H., Wiener-Neustadt, Austria, and Ernst Seibold, assignors to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Operation for motor driven vehicles with turbo-transmissions. 2,125,163; July 26.
Hacklander, Hans. (See Christensen, N. V., Hacklander, and Le Vesconte.)
Hackleman, Clyde B. (See Smith, Elmer C., assignor.)
Hale, C. Wesley. (See Sykora, Rudolf, assignor.)
Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming composition. 2,124,568; July 26.
Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming composition. 2,124,569; July 26.
Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming composition. 2,124,570; July 26.
Haliburton, William M., Montreal West, Quebec, and R. X. Vandette, Dorval, Quebec, Canada. Control apparatus for motion picture projectors. 2,124,917; July 26.
Hall, William J., assignor to Herron-Zimmers Moulding Co., Detroit, Mich. Window regulator. 2,124,696; July 26.
Halliburton Oil Well Cementing Company. (See Hanes, Dean, assignor.)
Hallonquist, Earl G. (See Britton, E. C., Bass and Hallonquist.)
Halloran, Henry G., Mattapan, Boston, Mass. Shoe bottom filler. 2,124,819; July 26.
Halvorsen, Hans N., deceased, by Tradesmen Bank and Trust Company, administrator, assignor to Kimble Glass Company, Vineland, N. J. Glassworking machine. 2,125,017; July 26.
Hamerstadt, William D., Indianapolis, Ind., assignor to Rockwood Manufacturing Company. Pivotal mounting for pulley structures. 2,125,004; July 26.
Hamill, William W., Chigwell, England. Plug for insertion in walls and other places. 2,125,018; July 26.
Hamlin, Guy E., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,125,048; July 26.
Hammarle, Josef, San Francisco, Calif. Lock. 2,125,227; July 26.
Hammer, Charles F. (See Cook, E. S., and Hammer.)
Hammer, Charles F. (See Work, E. A., and Hammer.)
Hammond, Grant, New Haven, Conn. Knife sharpener. 2,124,878; July 26.
Hanawalt, Joseph D., and C. E. Nelson, assignors to The Dow Chemical Company, Mlidland, Mich. Magnesium base alloy. 2,124,571; July 26.
Hanawalt, Joseph D., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,572; July 26.
Handley, John, London, England. Registering apparatus particularly applicable to totalizators. 2,124,697; July 26.
Handy Governor Corporation. (See Adler, Herman G., assignor.)
Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for testing wells. 2,125,159; July 26.
Hanson, Hans M., Oshkosh, Wis. Rotary vane pump. 2,124,918; July 26.
Harder, Oscar E., assignor to Battelle Memorial Institute, Columbus, Ohio. Brazing alloy. 2,125,228; July 26.
Harding, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for generators. 2,125,108; July 26.
Harms, Otto W., Chicago, Ill. Sign. 2,124,698; July 26.
Harries, John H. O., Frinton-on-Sea, Essex, England. Electron discharge tube circuits. 2,125,003; July 26.
Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Dispensing carton. 2,124,699; July 26.
Harris, Melvin J. (See Jacobsson, W. J., and Harris.)
Harrison, Thomas R., Wyncote, and F. W. Side, Philadelphia, assignors to The Brown Instrument Company, Philadelphia, Pa. Pneumatic control apparatus. 2,124,946; July 26.
Harrison, Thomas R., Wyncote, and F. W. Side, assignors to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,125,109; July 26.
Harshaw Chemical Company, The. (See Harshaw, W. J., and Long, assignors.)
Harshaw, William J., Shaker Heights, and K. E. Long, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition of metals. 2,125,229; July 26.
Hart & Cooley Mfg. Co. (See Van Alsburg, Jerold H., assignor.)
Harty, Edgar A., Marblehead, Mass., assignor to General Electric Company. Protective means for fan cooled rectifiers and the like. 2,125,110; July 26.
Hartzell, Dwight W., Dixon, assignor to Industrial Patents Corporation, Chicago, Ill. Larding needle. 2,124,700; July 26.
Hathaway, Charles E., New York, N. Y. Valve gear. 2,125,160; July 26.

Hauff, Thorvald W., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonium nitrate explosive. 2,125,161; July 26.
Haugaard, Robert D., Toledo, Ohio. Wall edge framing structure. 2,124,775; July 26.
Hawes, Austin W., assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Workpiece drive for power shaping machines. 2,125,239; July 26.
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle body. 2,124,776; July 26.
Hayes, Carl I., Providence, R. I. Enveloping atmosphere control. 2,124,573; July 26.
Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
Haynes, George P., Brooklyn, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Oil burning equipment. 2,125,019; July 26.
Haynes, George P., East Rockaway, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Oil burning equipment. 2,125,020; July 26.
Haynes, George P., East Rockaway, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Combined lighting and observation port. 2,125,021; July 26.
Haynes, George P., East Rockaway, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Air register. 2,125,022; July 26.
Hedin, John. Mariestad, Sweden. Ventilator for motor cars and the like. 2,125,023; July 26.
Heine, Lawrence J. (See Josephs, L. C., Jr., and Heine.)
Held, Robert. (See Neresheimer, H., Held, and Vilsmeier.)
Hellinger, Esther, Rehovoth, Palestine. Foodstuffs, suitable for chickens and the like. 2,124,820; July 26.
Henderson, Robert D., New York, N. Y. Steering coupling for trailer vehicles. 2,124,947; July 26.
Hendrickson, James M., McKeesport, Pa. Electric switch. 2,125,049; July 26.
Hennecke, Earle V., deceased, Flushing, N. Y.; M. B. Hennecke, administratrix, assignor to Automotive Equipment, Inc. Suction motor. 2,125,262; July 26.
Hennecke, Margaret B., administratrix. (See Hennecke, Earle V.)
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contactor element. 2,124,974; July 26.
Heppner, George Q., Oldenburg, Ind. Agricultural implement. 2,124,919; July 26.
Hercules Powder Company. (See Borglin, Joseph N., assignor.)
Hercules Powder Company. (See Cox, Richard F. B., assignor.)
Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
Herrmann, Willy O., Munich, Germany, assignor to Alfred Van Raap, Amsterdam, Netherlands. Gramophone record. 2,124,701; July 26.
Herron-Zimmers Moulding Co. (See Hall, William J., assignor.)
Hesse, Richard, Melrose, assignor to Everlastik, Incorporated, Chelsea, Mass. Elastic fabric. 2,124,574; July 26.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car brake equipment. 2,125,165; July 26.
Hewitt, Ellis E., Edgewood, and E. R. Fitch, Irwin, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Load brake device. 2,125,164; July 26.
Heymer, Gerd, Wolfen Kreis, Bitterfeld, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of lenticular stencil film. 2,125,162; July 26.
Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Vacuum distillation process. 2,124,879; July 26.
Hillis, David R., Detroit, Mich., assignor to Trahon Engineering Corporation. Feeder for reversible fluid systems. 2,124,948; July 26.
Hillix, Foster F. (See Knebusch, W. F., and Hillix.)
Hines, Claude M. (See Agnew, N. F., and Hines.)
Hitchcock, Forest B., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,125,240; July 26.
Hitchcock, Reuben, Cleveland, Ohio, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Paper handling machine. 2,124,855; July 26.
Hodgman, Willis K., Jr., Taunton, Mass. Dry pipe valve. 2,124,995; July 26.
Hoe, R., & Co. (See Stobb, Anton, assignor.)
Hoffmann, Alvin A. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffmann.)
Hofmann, Hugo, Elizabethton, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Effect yarn and making same. 2,125,230; July 26.
Hojnowski, Jakob, Nekoosa, Wis. Separable button. 2,124,975; July 26.
Holbrook, Harry T. (See Koch, J. C., and Holbrook.)
Holden, Edward J. (See Nordstrom, G. E., and Holden.)
Holihan, Irving T. (See Tompkins, E. H., and Holihan.)
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Brake mechanism. 2,124,949; July 26.
Hollingshead, R. M., Corporation. (See Bagley, Robert M., assignor.)
Hooker Electrochemical Company. (See Marsh, William J., assignor.)
Horr, John V., Hastings on Hudson, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Knockdown display device. 2,125,111; July 26.
Houpt, Donald M., Palestine, Ill. Wrapping machine. 2,125,024; July 26.
Hoyt, Karl R., North Hollywood, Calif., assignor to Telco Corp. Motion-picture film surfacing machine. 2,125,260; July 26.
Hubach, Gustave, Springfield, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Pneumatic tire tread. 2,124,821; July 26.
Huckfeldt, Gebhard, and A. Bergmann, Altona-on-the-Elbe, Germany. Producing artificial sausage skins. 2,125,025; July 26.
Huck-Gerhardt Company. (See Bagley, Wallace E., assignor.)
Huck-Gerhardt Company. (See Bagley, W. E., and Bartel, assignors.)
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Reversible rolling under controlled tension. 2,124,880; July 26.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Co. Gummed paper product. 2,125,241; July 26.
Humphries, Horace E. (See Gachet, E. J., and Humphries.)
Hunt, Scott F., E. Olson, and E. O. Wirth, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,124,777; July 26.
Hunt, Scott F., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,124,778; July 26.
Hunt-Spiller Manufacturing Corporation. (See Goostray, Joseph, assignor.)
Hurst, George, Houston, Tex. Packer for oil wells. 2,125,231; July 26.
Hutchison, William M., Pittsburgh, and R. C. Jones, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Battery protecting control scheme. 2,125,071; July 26.
I. G. Farbenindustrie Aktiengesellschaft. (See Fitzky, Wilhelm, assignor.)
Igoe Brothers. (See Woodward, George, assignor.)
Illinois Tool Works. (See Comstock, John A., assignor.)
Imperial Chemical Industries Limited. (See Linstead, R. P., and Dent, assignors.)
Industrial Patents Corporation. (See De Vout, Anson W., assignor.)
Industrial Patents Corporation. (See Hartzell, Dwight W., assignor.)
Industrial Patents Corporation. (See Newton, R. C., and Bollens, assignors.)
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
Industrie A. G. Allegro. (See Barsch, Guillaume, assignor.)
Ingersoll-Rand Company. (See Dickenson, Ernest H., assignor.)
Ingersoll-Rand Company. (See Kirgan, John, assignor.)
Ingersoll-Rand Company. (See Morrison, William A., assignor.)
Ingersoll-Rand Company. (See Terry, Edward F., assignor.)
Ingham, Richard, Nashua, N. H. Ice cream enrober. 2,125,112; July 26.
Inland Steel Company. (See Sykes, Wilfred, assignor.)
International Business Machines Corporation. (See Bryce, James W., assignor.)
International Patents Development Company. (See Kelling, Alfred H., assignor.)
International Shoe Company. (See Bown, Samuel, assignor.)
International Supply Company. (See Wrigley, James B., assignor.)
Irving Air Chute of Great Britain Limited. (See Pool, Joseph H., assignor.)
Itzigson, Samuel, Brooklyn, N. Y. Antiglare device. 2,125,232; July 26.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,124,736; July 26.
Jacobsson, Wilgot, J., Elizabeth, and M. J. Harris, Cranford, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Flame machining. 2,125,182; July 26.
Jacoby, Enos R., Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,124,702; July 26.
Jaeger, Gustav, Neu-Isenburg, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Manufacture of alkali metal berrilium fluorides. 2,125,026; July 26.
Jarrett, Ester M., administratrix. (See Apfel, J. F., and Jarrett.)
Jarrett, Richard S. (See Apfel, J. F., and Jarrett.)
Jauch, Robert J., and B. J. Pepper, assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,124,681; July 26.
Jearum, Frederick C., Chipstead, England. Adjustable turning and boring tool. 2,125,005; July 26.
Jeffrey Manufacturing Company, The. (See Ossing, Stanley F., assignor.)

Jenking, Allen C., and R. C. Beck, assignors to Vitachrome, Inc., Los Angeles, Calif. Diffusion system for illumination. 2,124,737; July 26.

Jensen, John, New York, N. Y. Electrically ignited distillate oil burner. 2,125,166; July 26.

Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Combination control device for ironers. 2,124,976; July 26.

Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Multispeed roll for ironers. 2,124,977; July 26.

Johnsen, Abael, Ilion, N. Y., assignor to Remington Arms Company, Inc. Hand trap. 2,124,738; July 26.

Johnson Belting Company. (See Fried, Nathan, assignor.)

Johnson, Jesse B., assignor to Gulf Cone Co., Dallas, Tex. Label placing method. 2,124,670; July 26.

Johnson, Henry D., Jr., and W. T. Sullivan, assignors to J. B. Martin Company, Norwich, Conn. Picker control for automatic looms. 2,124,978; July 26.

Johnson, Henry D., Jr., and W. T. Sullivan, assignors to J. B. Martin Company, Norwich, Conn. Automatic loom. 2,124,979; July 26.

Johnson, John A., Woodhaven, N. Y. Apparatus for sorting and feeding receptacle closure caps. 2,124,618; July 26.

Johnson, John H., Corpus Christi, Tex., assignor to J. Nelson, doing business as Louis Johnson Company, Chicago, Ill. Artificial fish lure. 2,124,822; July 26.

Johnson, Louis, Company. (See Johnson, John H., assignor.)

Johnson, S. C., & Son, Inc. (See Wright, Frank L., assignor.)

Jones, Homer W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for removing metal from the surfaces of metallic bodies. 2,125,174; July 26.

Jones, Homer W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for removing metal from the surfaces of metallic bodies. 2,125,176; July 26.

Jones, Homer W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flame machining. 2,125,181; July 26.

Jones, Homer W., Westfield, N. J., assignor, by mesne assignments to Union Carbide and Carbon Corporation. Removing metal from the surfaces of billets or similar metal bodies, and the product. 2,125,175; July 26.

Jones, Homer W., Westfield, N. J., assignor, by mesne assignments to Union Carbide and Carbon Corporation. Removing metal from a surface of a metal body, and the resulting product. 2,125,177; July 26.

Jones, Jennings H. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffmann.)

Jones, Ruel C. (See Hutchinson, W. M., and Jones.)

Josephs, Lyman C., Jr., Allentown, and L. J. Heine, Bethlehem, Pa., assignors to Mack Manufacturing Corporation. Body charge indicator for trackless trolley coaches. 2,125,050; July 26.

Julien, Arlie P. (See Saddington, A. W., and Julien.)

Kailich, Armand. (See Schüller, H., Matzner, and Kailich.)

Kaparin, Otto A., Garfield, and S. Rappaport; said Rappaport, assignor to Fannie Rappaport, Passaic, N. J. Device for napkin dispensers, guest's announcers and advertising means. 2,124,963; July 26.

Karnes, James C., Buffalo, N. Y. Acoustic device. 2,124,575; July 26.

Kasperowski, Ottomar, Munich, Germany. Commutator and like brushes. 2,125,027; July 26.

Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,124,779; July 26.

Kellogg, M. W., Co., The. (See Kugel, Frederick G., assignor.)

Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)

Kent, John R., Stockton, Calif. Can spout and metering unit. 2,1245,980; July 26.

Keppler, Roland F., Hope, and S. M. Mackey, Belvidere, N. J. Bag opening device. 2,124,780; July 26.

Kern, Rudolf, Oschatz, assignor to firm Chemische Fabrik R. Baumheier Kommanditgesellschaft, Oschatz-Zschollau, Germany. Sulpho acids and process of manufacture. 2,125,072; July 26.

Kerr, Samuel L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Surge suppressor apparatus and system. 2,124,619; July 26.

Kershaw, Arthur G., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Trailable point operating mechanism for railways and the like. 2,124,739; July 26.

Kieckhefer Container Company. (See White, C. A., and Regin, assignors.)

Kimball, Charles N., East Orange, N. J., and E. W. Wilby, Westerleigh, N. Y., assignors to Radio Corporation of America. Electronic indicating device. 2,124,740; July 26.

Kimble Glass Company. (See Halvorsen, Hans N., assignor.)

Kinzel, Augustus B., Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Treating the defective surface metal of billets or the like. 2,125,172; July 26.

Kinzel, Augustus B., Douglaston, Long Island, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for treating the defective surface metal of billets or the like. 2,125,173; July 26.

Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Control means for thermo-compressors. 2,124,620; July 26.

Kirkpatrick, Martin S., Elmendorf, Tex. Operating device for closures. 2,125,183; July 26.

Kirst, William E. (See Hauff, T. W., and Kirst.)

Kittredge, Harvey G., assignor, by mesne assignments, to New Wrinkle, Inc., Dayton, Ohio. Imitation leather finish. 2,124,703; July 26.

Kivlen, John P., Allentown, and G. E. Strohl, Northampton, Pa. Full floating hub liner. 2,125,028; July 26.

Kjoleth, Ole K., Erie, Pa., assignor to General Electric Company. Vehicle truck construction. 2,125,184; July 26.

Klaubauf, Jacob, Berlin-Halensee, Germany. Shoe and making same. 2,124,621; July 26.

Klein, Abraham J. (See Little, G. W., and Klein.)

Kleinert, I. B., Rubber Company. (See Guinzberg, Roland H., assignor.)

Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,124,781; July 26.

Kling, August J., Schenectady, N. Y., assignor to General Electric Company. Evacuated receptacle. 2,125,113; July 26.

Kluboch, Max B., et al., trustees. (See Pirmov, Paul S., assignor.)

Klyver, Albert N., assignor to The Lamson Company, Syracuse, N. Y. Chute. 2,124,964; July 26.

Knapheide, Merle D., P. Caldwell, and W. P. Elmslie, Quincy, assignors to Moorman Manufacturing Company, Chicago, Ill. Formed mineral mixture. 2,124,950; July 26.

Knebusch, Walter F., Cleveland, and F. F. Hilliz, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer device. 2,124,576; July 26.

Knerr, Horace C., Philadelphia, Pa., assignor to Steel & Tubes, Inc., Cleveland, Ohio. Method and apparatus for testing metal articles for defects. 2,124,577; July 26.

Knerr, Horace C., Philadelphia, and A. R. Sharples, Drexel Hill, Pa., assignors to Steel & Tubes, Inc., Cleveland, Ohio. Apparatus and method for testing metal articles. 2,124,578; July 26.

Knerr, Horace C., Philadelphia, and A. R. Sharples, Drexel Hill, Pa., assignors to Steel and Tubes, Inc., Cleveland, Ohio. Method of and apparatus for testing metallic articles. 2,124,579; July 26.

Knight, Hugh, Claremont, assignor, by mesne assignments, to Emulsoids, Inc., San Francisco, Calif. Insecticidal oil spray. 2,124,782; July 26.

Knight, John, Chester, Pa. Railway switch. 2,124,804; July 26.

Knoll, Floyd A., assignor to Condor Products, Inc., Buffalo, N. Y. End fitting for suspenders. 2,124,671; July 26.

Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Light-sensitive system. 2,125,073; July 26.

Knudsen, Alex W., Rocky River, assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for working metal. 2,124,741; July 26.

Koch, John C., Stockton, and H. T. Holbrook, Oakland, Calif. Drop tube for ice can agitation. 2,124,622; July 26.

Koford, Clifton, assignor to the NuBone Company, Inc., Erie, Pa. Corset. 2,125,185; July 26.

Köhler, Heinrich, Gr. Ottersleben-Georgshohe, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Disk roller classifying grate for coal. 2,124,856; July 26.

Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Electric ignition system. 2,124,528; July 26.

Koppers Company. (See Denig, F., and Gollmar, assignors.)

Kortenbach, Karl. (See Zierold, A., and Kortenbach.)

Kortenbach & Rauh Kommanditgesellschaft. (See Zierold, A., and Kortenbach, assignors.)

Kottemann, Otto A., Detroit, Mich. High level safety check. 2,124,783; July 26.

Krackowizer, Hermann J., Chicago, Ill. Refrigerating method and apparatus. 2,124,981; July 26.

Kronheim, Jacob, et al. (See Freund, Morris, assignor.)

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container for beverages. 2,124,823; July 26.

Krug, George A., Baking Company. (See Roselius, Frederick, assignor.)

Krum, Alfred, Dusseldorf-Eller, assignor to Rheinische Metallwaaren-und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Transporting guns. 2,125,186; July 26.

Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Köhler, Heinrich, assignor.)

Kugel, Frederick G., Bloomfield, N. J., assignor to The M. W. Kellogg Co., New York, N. Y. Form clip. 2,124,982; July 26.

Kugelman, Jack, Philadelphia, Pa. Stocking. 2,125,114; July 26.

Kurth, Matthew G., Madison, Wis. Packing assembly. 2,124,623; July 26.

Kuyper, William W., Marblehead, Mass., assignor to General Electric Company. Electric power system. 2,125,115; July 26.

Kuzell, Charles R. (See Winkler, F. W., Mooney, Kuzell, and Mounts.)

Kwikon Company. (See Barnard, Charles W., assignor.)

La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,784; July 26.

La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,124,785; July 26.

La Brie, Ludger E., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,786; July 26.

Lachasse, Louis M., Paris, assignor to Societe Anonyme des Appareils G. A. L., Neuilly sur-Seine, France. Radiator of aeroplane engines. 2,124,787; July 26.

Lambooy, Maria P. J., Brussels, Belgium. Portable vanity case combined with handbag. 2,124,920; July 26.

Laminated Shim Co. (See Young, Earle L., assignor.)

Lamson Company, The. (See Klyver, Albert N., assignor.)

Langdon, Andrew. (See Larry, E. C., and Langdon.)

Lange, Werner, Dessau-Ziebigk-in-Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyes and manufacturing the same. 2,124,881; July 26.

Langlet, Paul, Issy les Moulineau, France, assignor to H. C. Wheeler, Boston, Mass. Curling clip. 2,124,824; July 26.

Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,125,187; July 26.

Laport, Edmund A., Glen Ridge, N. J., assignor to Wired Radio, Inc., New York, N. Y. Mixing amplifier. 2,124,805; July 26.

Larry, Edwin C., and A. Langdon, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,125,242; July 26.

Larry, Edwin C., Rochester, and M. C. Twitchell, Spencerport, assignors to General Railway Signal Company, Rochester, N. Y. Automatic block signaling system for railroads. 2,125,243; July 26.

Lavine, George, Brooklyn, assignor to Oakdale Contracting Company, Inc., New York, N. Y. Emulsifying device. 2,124,580; July 26.

Leach Company, et al. (See Leach, E. C., and Manthie, assignors.)

Leach, Elbert C., and O. F. Manthie, assignors of one-half to Leach Company, Oshkosh, Wis., and one-half to The Elgin Corporation, Chicago, Ill. Self-loading vehicle. 2,124,624; July 26.

Leclercq, Robert, Lille, France. Spindle. 2,125,168; July 26.

Lederer, Maximilian, Split, Yugoslavia, assignor, by mesne assignments, of one-half to N. H. Moos, London, England, and one-half to Alexander Singer, Vienna, Austria. Composite building material. 2,124,921; July 26.

Lee, Albert P., assignor to Colorgraph Corporation, Chicago, Ill. Duplicating machine. 2,125,167; July 26.

Lee, Dwight B., Detroit, Mich. Vehicle ventilating window. 2,124,922; July 26.

Lee, Yuk-Wing. (See Wiener, N., and Lee.)

Leeds & Northrup Company. (See Behr, L., Williams, and Adams, assignors.)

Leeds and Northrup Company. (See Schofield, William R., Jr., assignor.)

Leeds & Northrup Company. (See Williams, A. J., Jr., and Morehouse, assignors.)

Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Metalworking machine. 2,124,923; July 26.

Leman, Arthur L., Houston, Tex., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Duplex pumping engine. 2,124,788; July 26.

Lester Engineering Company, et al. (See Lester, N., and Weiss, assignors.)

Lester, Nathan, Cleveland Heights, and A. E. Weiss, University City, assignors, by mesne assignments, of one-half to Lester Engineering Company, and one-half to The Superior Die Casting Company, Cleveland, Ohio. Pressure casting die. 2,124,529; July 26.

Le Vesconte, Harold J. (See Christensen, N. V., Hacklander, and Le Vesconte.)

Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation. Traveling bag. 2,125,051; July 26.

Lewis, Bruce L., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Universal testing machine. 2,125,116; July 26.

Lewis Manufacturing Company. (See Schuler, Francis J., assignor.)

Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Speed comparing device. 2,125,117; July 26.

Liander, Nils H. (See Gunnelius, Hans A. G., and Liander.)

Liberty Can and Sign Company. (See Batdorf, Seymour, assignor.)

Lieberman, Benjamin, Denver, Colo. Ironing board cord holder. 2,125,188; July 26.

Lincoln, John C., et al. (See Freund, Morris, assignor.)

Lind, Arthur C., assignor to Chain Belt Company, Milwaukee, Wis. Alarm mechanism for shear-pin couplings. 2,124,965; July 26.

Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffing gear. 2,124,704; July 26.

Linstead, Reginald P., London, and C. E. Dent, Manchester, England, assignors to Imperial Chemical Industries Limited. Producing copper phthalocyanine. 2,124,742; July 26.

Lips, Jakob, Urdorf, Switzerland. Motor driven culinary machine. 2,125,118; July 26.

Little, George W., and A. J. Klein, New York, N. Y., said Klein assignor to said Little. Concentrating serum. 2,124,951; July 26.

Locklin, William O., Rochester, N. Y. Surfacing machine. 2,124,705; July 26.

Lofton, William M., Jr., Chicora; J. H. Jones and A. K. Pyle, Petrolia; and A. A. Hoffman, Bellevue, assignors to Pennsylvania Coal Products Company, Petrolia, Pa. Method for the purification and separation of aryl sulphonic acids. 2,125,189; July 26.

Long, Kenneth E. (See Harshaw, W. J., and Long.)

Long, Thomas H., Wakeeney, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoelectric machine tool control. 2,125,074; July 26.

Loomis, Albert G., and H. T. Byck, Berkeley, and J. F. Fidiam, Jr., assignors to Shell Development Company, San Francisco, Calif. Treating wells. 2,124,530; July 26.

Lundeen, Ernest F., assignor to The American Rolling Mill Company, Middletown, Ohio. Making corrugated metal culverts. 2,124,882; July 26.

Luthi, Robert, Newark, N. J., assignor to American Can Company, New York, N. Y. Can filling machine. 2,124,581; July 26.

Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Coupling transformer. 2,125,119; July 26.

Lyon, George A., Detroit, Mich. Wheel ornamental disc. 2,124,789; July 26.

Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Ornamental fender skirt. 2,124,790; July 26.

Lyon Incorporated. (See Lyon, George A., assignor.)

Lyons, J., & Company Limited. (See Mayne, Douglas, assignor.)

MacGrath, Harold F., Chicago, Ill. Refrigerator. 2,124,857; July 26.

Machts, Ludwig, and B. Rehder, Marburg-on-the-Lahn, Germany. Process and apparatus for the indirect determination of earth and air-electrical conditions. 2,124,825; July 26.

Mack Manufacturing Corporation. (See Josephs, L. C., Jr., and Heine, assignors.)

Mackenzie, Duncan, Cream Ridge, N. J. Electrical heating element. 2,125,075; July 26.

Mackey, Scudder M. (See Keppler, R. F., and Mackey.)

Mains, Gerald H., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing pigmented paper and impregnating it with a resinous binder and the product. 2,125,076; July 26.

Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)

Mallory, P. R., & Co. (See Schimkus, Kurt E., assignor.)

Mansfield, William R., Fairview, assignor of one-half to J. Pimpiano, Grantwood, N. J. Piston of the removable head type. 2,125,244; July 26.

Manthie, Otto F. (See Leach, E. C., and Manthie.)

Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Capacitor protective system. 2,125,077; July 26.

Marchand, Jean J. M. L., The Hague, Netherlands. Device for guiding and stacking letters and similar papers in letter sorting apparatus. 2,124,858; July 26.

Marks, Charles L., Pittsfield, Mass., assignor to General Electric Company. Terminal for electric cables. 2,125,121; July 26.

Marsh, William J., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Lubricant of high film strength. 2,125,160; July 26.

Martin, J. B., Company. (See Johnson, H. D., Jr., and Sullivan, assignors.)

Martin, Joseph, San Francisco, Calif. Agitator. 2,124,983; July 26.

Martin, Lawrence R., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Indicating system for motion picture apparatus. 2,124,883; July 26.

Marvin, James R., Knights Landing, Calif. Land leveler. 2,124,625; July 26.

Matzner, Emil. (See Schüller, H., Matzner and Kailich.)

Maveety, Donald J., Millburn, N. J., assignor to National Biscuit Company, New York, N. Y. Stabilized fats and method for preventing rancidity. 2,124,706; July 26.

Maxwell, John A., Jr., Lancaster, Pa. Clip for securing together the covers and ribs of umbrellas. 2,125,078; July 26.

Mayne, Douglas, Sutton, assignor to J. Lyons & Company Limited, London, England. Device for dispensing sirups and like liquids. 2,124,924; July 26.

McBean, Douglas M., Canajoharie, N. Y., assignor, by mesne assignments, to The Paper Service Company, Lockland, Ohio. Art and machine for working paper. 2,124,582; July 26.

McCrary, Artie E. (See Shrewsbury, Lemuel A., assignor.)
McCray, Howard S., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Emulsion apparatus. 2,125,245; July 26.
McCullough, Paul J., assignor to J. Pavelka, Sr., St. Louis, Mo. Electric iron. 2,124,984; July 26.
McMahon, John G., Philadelphia, Pa. Finishing tube ends. 2,124,743; July 26.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Directing vane. 2,125,120; July 26.
McMillan Book Company. (See Hamlin, Guy E., assignor.)
McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Method and apparatus for feeding glass. 2,125,079; July 26.
McNeal, Edward K., Syracuse, N. Y. Window glass clearing device. 2,124,925; July 26.
McNeal, Ellis D., assignor to Bendix Products Corporation, South Bend, Ind. Propeller. 2,124,791; July 26.
Meakin, Edgar T., Berkeley, Calif. Pellet mill. 2,124,744; July 26.
Meehan, James J., Jr. (See Sheldon, W. R., and Meehan.)
Meienreis, Walther, Berlin-Friedenau, Germany. Oar. 2,125,029; July 26.
Melton, Romie L. (See Benner, R. C., and Melton.)
Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
Mergenthaler Linotype Company. (See Davidson, B. F., and Morse, assignors.)
Merrick, Albert W., Schenectady, assignor to Austenal Laboratories, Inc., New York, N. Y. Founding apparatus and method. 2,125,080; July 26.
Meyer, Joseph L., assignor, by mesne assignments, to Saf-T-Pop Corporation, Dubuque, Iowa. Wrapping or packaging device. 2,125,246; July 26.
Meyer, Lester W. A., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose organic ester composition containing dipropionate of a polyethylene glycol. 2,124,884; July 26.
Michel, Clarence H., Baltimore, Md. Building structure. 2,124,826; July 26.
Michel, Clarence H., Baltimore County, Md. Building structure. 2,124,827; July 26.
Midland Steel Products Company, The. (See Knudsen, Alex W., assignor.)
Midwest Metal Products Company. (See Smith, E. F., and Wilson, assignors.)
Mid-States Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)
Miehle Printing Press and Manufacturing Company. (See Wilkinson, William J., assignor.)
Miehle Printing Press and Manufacturing Company. (See Wilkinson, William J., assignor.)
Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Focusing mechanism for interchangeable lenses. 2,124,885; July 26.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Light controlling mechanism for cameras. 2,124,886; July 26.
Miller, Robert E., Bronxville, N. Y. Tufting button. 2,124,859; July 26.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Refining process. 2,124,860; July 26.
Miner, W. H., Inc. (See Link, John H., assignor.)
Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,124,626; July 26.
Mitchell, Richard K. (See Paolucci, Carl J., assignor.)
Monex Corporation. (See Bachardy, Stephen J., assignor.)
Mongiello, Luigi, New York, N. Y. Refuse receptacle. 2,125,122; July 26.
Moomaw, Lewis H., Wilmette, Ill., assignor to Eastman Kodak Company, Rochester, N. Y. Indicating means for cameras. 2,124,887; July 26.
Mooney, Francis X. (See Winkler, F. W., Mooney, Kuzell, and Mounts.)
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,125,081; July 26.
Moore Dry Kiln Company of Oregon. (See Cobb, James F., assignor.)
Moore, Howard L., Cochranton, Pa. Display holder. 2,125,191; July 26.
Moorman Manufacturing Company. (See Knapheide, M. D., Caldwell, and Elmslie, assignors.
Moos, N. H., et al. (See Lederer, Maximilian, assignor.)
Morehouse, Stephen B. (See Williams, A. J., Jr., and Morehouse.)
Morgan, John W., Detroit, Mich. Manufacture of insulation forms. 2,124,745; July 26.
Moriarty, Blanche, et al. (See Brinkman, Louis H., assignor.)
Morlock, Harry A., Buffalo, N. Y. Refractory construction for furnaces. 2,125,192; July 26.
Morlock, Harry A., Buffalo, N. Y. Construction for furnaces. 2,125,193; July 26.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,583; July 26.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydroarbons. 2,124,584; July 26.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,585; July 26.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,586; July 26.
Morrissey, William J., Brooklyn, N. Y. Motion picture projector. 2,124,587; July 26.
Morrison, William R., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill mechanism. 2,124,627; July 26.
Morse, Clarence F. (See Davidson, B. F., and Morse.)
Morton, William A., Mt. Lebanon, and H. F. Spencer, Pittsburgh, assignors to Amco, Incorporated, Pittsburgh, Pa. Recuperative soaking pit furnace. 2,124,888; July 26.
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oils. 2,124,531; July 26.
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing lubricants. 2,124,628; July 26.
Mosler Safe Company, The. (See Bates, C. J., and Del Grosso, assignors.)
Moss, Charles McL., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp socket. 2,125,082; July 26.
Mottur, Alfred R., Brooklyn, N. Y. Stopper and making the same. 2,125,123; July 26.
Mounts, Melvin T. (See Winkler, F. W., Mooney, Kuzell and Mounts.)
Mueller, Friedrich W. (See Farnham, I. R., Sturm and Nueller.)
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Topping mechanism. 2,124,588; July 26.
Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Process lens mount. 2,124,889; July 26.
Mylius, Walter G. (See Barnes, T. D., and Mylius.)
Naamlooze Vennootschap Vereenigde Draadfabrieken. (See Ahrndt, E. A., and Söndagh, assignors.)
Nachman Springfilled Corporation. (See Gleason, William W., assignor.)
National Biscuit Company. (See Davidson, Bruce J., assignor.)
National Biscuit Company. (See Maveety, Donald J., assignor.)
National Biscuit Company. (See Wharmby, James W., assignor.)
National Foam System Inc. (See Wood, John C., assignor.)
National Gypsum Company. (See Crandell, Dean De F., assignor.)
National Supply Company, The. (See Leman, Arthur L., assignor.)
Nebich, Rudi, Chemnitz, Germany. Flat knitting frame. 2,124,890; July 26.
Neil, John N., Sault Ste. Marie, Ontario, Canada. Drum filter. 2,124,828; July 26.
Nelson, Charles E. (See Hanawalt, J. D., and Nelson.)
Nelson, George T., Nashville, Tenn. Expansion joint setting apparatus. 2,125,194; July 26.
Nelson, Henry F., Danville, Ill. Bicycle lock. 2,125,170; July 26.
Nelson, John. (See Johnson, John H., assignor.)
Neresheimer, Heinrich, R. Held, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the 3.4.8.9-dibenzopyrene-5.10-quinone series. 2,124,891; July 26.
Neumann, Hans. (See Büchner, A., Neumann, and Reinboth.)
New Jersey Rubber Company. (See Cowen, R. R., and Silvia, assignors.)
Newton, Roy C., and W. F. Bollens, assignors to Industrial Patents Corporation, Chicago, Ill. Oil and fat deodorization. 2,124,707; July 26.
New Wrinkle, Inc. (See Kittredge, Harvey G., assignor.)
New York Central Railroad Company, The. (See Thomas, William L., assignor.)
Nichols, Charles R., Dallas, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,124,892; July 26.
Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Television communicator. 2,125,006; July 26.
Nissen, Emil C., San Francisco, Calif. Basket printing machine. 2,124,792; July 26.
Nordberg Manufacturing Company. (See Turnwald, Wolfgang, assignor.)
Nordstrom, Gustaf E., and E. J. Holden, assignors to American Fibre Corporation, Gardner, Mass. Machine for making fiber reed. 2,124,926; July 26.
Norris, Rolla V., and O. G. Avery, Porterville, Calif. Fish net. 2,124,952; July 26.
Northwest Air Service Inc. (See Burrington, Walter W., assignor.)
Nowlin, J. W., et al. (See Scott, James A., assignor.)

NuBone Company, The. (See Koford, Clifton, assignor.)
Nyhagen, Barney R., Bronx, N. Y. Motor driven hair cutting implement. 2,124,955; July 26.
Oakdale Contracting Company. (See Lavine, George, assignor.)
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing. 2,124,953; July 26.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,124,629; July 26.
Okonite Company, The. (See Youmans, Edward D., assignor.)
Olsen, Tinius, Testing Machine Company. (See Lewis, Robert B., assignor.)
Olson, Elmer. (See Hunt, S. F., Olson, and Wirth.)
Ontario Research Foundation. (See Barbour, Alexander D., assignor.)
Orion Electric Company, The. (See Fryer, Roy C., assignor.)
Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loader. 2,125,007; July 26.
Otis Elevator Company. (See Bruns, William H., assignor.)
Otto, Albert T., & Sons, Inc. (See Grant, Albert E., assignor.)
Ozburn, Floyd A., Los Angeles, Calif. Fish lure. 2,125,030; July 26.
Paine, Howard S., Chevy Chase, Md., and K. Ward, Jr., Washington, D. C., dedicated to the free use of the people of the United States. Preparation of adhesives from starchy vegetable matter. 2,124,994; July 26.
Palen, Matthew A., Washington, D. C. Internal combustion engine. 2,125,195; July 26.
Palm, John V. O., and C. E. Swartz, Cleveland Heights, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Alloy. 2,124,589; July 26.
Paolucci, Carl J., assignor of one-half to R. K. Mitchell, Millbury, Mass. Bunch builder for spinning mules. 2,125,196; July 26.
Paper Service Company, The. (See McBean, Douglas M., assignor.)
Pass, Arthur, Glen Iris, Victoria, Australia, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine and operating same. 2,125,197; July 26.
Patterson, James C. (See Stark, W. E., and Patterson.)
Pavelka, Joseph, Sr. (See McCullough, Paul J., assignor.)
Penney, Gaylord W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve control system. 2,125,083; July 26.
Pennsylvania Coal Products Company. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffman, assignors.)
People of the United States, Dedicated to the Free Use of. (See Paine, H. S., and Ward.)
Peppas, Sam, Elyria, Ohio. Chair. 2,124,893; July 26.
Pepper, Byron J. (See Jauch, R. J., and Pepper.)
Pershing, Howell T., Jr., Denver, Colo. Electric motor. 2,124,672; July 26.
Persons, Charles A., assignor to Persons-Majestic Mfg. Company, Worcester, Mass. Reflector. 2,124,793; July 26.
Persons-Majestic Mfg. Company. (See Persons, Charles A., assignor.)
Peter, Hans K., Liestal, Switzerland. Driving device provided with endless track chains for motor vehicles. 2,124,708; July 26.
Peter, Hans, Liestal, assignor to the firm of Schneeräumungsmaschinen A. G., Niedergerlafingen, Switzerland. Snow plow. 2,124,927; July 26.
Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush for high intensity arc searchlights. 2,125,171; July 26.
Peterson, Ralph F. (See Castner, J. B., and Peterson.)
Petroleum Engineering, Incorporated. (See Stover, William A., assignor.)
Phelps, William C., Berwyn, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,124,709; July 26.
Phelps Dodge Corporation. (See Winkler, F. W., Mooney, Kuzell, and Mounts, assignors.)
Pieper, Alphonse F., Rochester, N. Y. Fluid control device. 2,124,747; July 26.
Piker, Maurice L. (See Pool, S. C., and Piker.)
Pimpiano, John. (See Mansfield, William R., assignor.)
Pinto, Armie, Detroit, Mich. Curtain and shade bracket. 2,125,084; July 26.
Pipes, Joseph E., Olney, Tex. Well cementing plug. 2,124,710; July 26.
Pipes, Walter L., Elizabeth, N. J., assignor to United States Rubber Products Inc., New York, N. Y. Rubber sole and heel. 2,124,986; July 26.
Pirmov, Paul S., Cambridge, assignor, by mesne assignments, to M. B. Klubock and himself, Boston, Mass., trustees. Photographic enlarging and printing machine. 2,124,954; July 26.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Receiving apparatus for communication systems. 2,124,806; July 26.
Plews Processes, Inc. (See Plews, William J., assignor.)
Plews, William J., Niagara Falls, N. Y., assignor to Plews Processes, Inc. Treatment of materials. 2,124,746; July 26.
Polak, James J., Arnhem, and J. G. Weeldenburg, Ede, Netherlands, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,125,031; July 26.
Pollock, Max. (See Friedman, H. L., and Pollock.)
Pool, Austin R., Wetmore, Kans. Safety folding step. 2,125,085; July 26.
Pool, Joseph H., Cranwell, assignor to Irving Air Chute of Great Britain Limited, Letchworth, England. Parachute construction. 2,125,198; July 26.
Pool, Stephen C., and M. L. Piker, assignors to Eastman Kodak Company, Rochester, N. Y. Removal of cellulose derivatives from suspension containing them. 2,124,894; July 26.
Pope, Dudley B., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 2,124,928; July 26.
Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Polar impulse repeater system. 2,124,848; July 26.
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Load loss meter. 2,125,124; July 26.
Presto Lock Corporation. (See Levine, Abraham, assignor.)
Process Management Company Inc. (See Atwell, Harold V., assignor.)
Puma, John, Newark, N. J. Sound reproducing mechanism. 2,124,673; July 26.
Pyle, Arthur K. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffmann.)
Quagliotti, William R., Victoria, British Columbia, Canada. Cardboard carton. 2,124,955; July 26.
Quattlebaum, William M., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Artificial resins. 2,124,630; July 26.
Radio Corporation of America. (See Kimball, C. N., and Wilby, assignors.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Radio Corporation of America. (See Tiedje, John Q., assignor.)
Ransom, Albert, Jr., Chicago, Ill. Device for cleaning receptacles. 2,124,748; July 26.
Ranson Interlocking Marking System Inc., The. (See Ranson, Thomas W., assignor.)
Ranson, Thomas W., Cleveland, Ohio, assignor to The Ranson Interlocking Marking System Inc. Child identification device. 2,125,052; July 26.
Rappaport, Fannie. (See Kaparin, O. A., and Rappaport, assignors.)
Rappaport, Simon. (See Kaparin, O. A., and Rappaport.)
Ray, Don., Los Angeles, Calif. Bottle hooding machine. 2,124,674; July 26.
Raytheon Manufacturing Company. (See Spencer, Percy L., assignor.)
Rea, Philip M., Oklahoma City, Okla. Paraffin scraper. 2,124,869; July 26.
Reed, George W., Wood, Wis. Battery connection. 2,124,631; July 26.
Reed, James K., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye finishing process. 2,124,590; July 26.
Reed Roller Bit Company. (See Fermier, G. F., and Stokes, assignors.)
Regin, Earl L. (See White, C. A., and Regin.)
Rehder, Bernhard. (See Machta, L., and Rehder.)
Reid, Donald, Kingston, Jamaica, British West Indies. Scraping device for containers. 2,124,929; July 26.
Reinboth, Hermann. (See Büchner, A., Neumann and Reinboth.)
Reiter, Daniel I., New York, N. Y. Snap fastener socket. 2,125,125; July 26.
Remington Arms Company. (See Johnsen, Aksel, assignor.)
Resinous Products & Chemical Company, The. (See Schmitz, Josef, assignor.)
Rey, Henri D., Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif. Preparing pineapple. 2,124,895; July 26.
Rey, Henri D., Papette, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif. Dried drupaceous fruit treatment. 2,124,896; July 26.
Rheinische Metallwaaren-und Maschinenfabrik. (See Krum, Alfred, assignor.)
Rheutan, Isaac L., Richmond, Va. Feeding mechanism for printing presses. 2,125,199; July 26.
Richards, Idris J., Pittsburgh, Pa. Mowing machine. 2,124,632; July 26.
Richardson Ball Bearing Skate Company. (See Whitcomb, Henry F., Jr., assignor.)
Rinkenbach, William H. (See Hale, G. C., and Rinkenbach.)
Rioux, Demcy L., Green Bay, Wis. License plate illumination. 2,124,829; July 26.
Ritzenthaler, Philip J., and P. J. Sheehan, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Chromium plated article and producing same. 2,124,657; July 26.
Rivers, Durward S., Indianapolis, Ind. Electric circuit protector. 2,125,126; July 26.
Robberson, Benjamin C. and E. A., Seeley, Calif. Traffic or direction signaling apparatus. 2,125,200; July 26.
Robberson, Emma A. (See Robberson, Benjamin C. and E. A.)

Roberts, John T., St. Louis, Mo. Piston ring expander. 2,124,794; July 26.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Electric phase controlling circuit. 2,125,127; July 26.
Robinson, Edward L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating steel. 2,125,128; July 26.
Robinson, Walter W., Anniston, Ala. Thermostat. 2,124,633; July 26.
Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Welder control system. 2,124,795; July 26.
Rockwood Manufacturing Company. (See Hamerstadt, William D., assignor.)
Roemer, Ralph R., assignor, by mesne assignments, to H. R. Canfield, Cleveland, Ohio. Concrete cart. 2,124,956; July 26.
Roethel, John H., assignor to Ferro Stamping and Manufacturing Company, Detroit, Mich. Check arm. 2,125,247; July 26.
Roos, Walther, assignor to Waropa A. G., Basel, Switzerland. Method of and device for cooling dental tools, such as drills or the like. 2,124,831; July 26.
Roselius, Frederick, Great Neck, assignor to George A. Krug Baking Company, Jamaica, N. Y. Package. 2,124,930; July 26.
Rosenberg, David H., New York, N. Y. Miter forming device for curtains and the like. 2,124,714; July 26.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for making box blanks. 2,124,796; July 26.
Roth, Jay M. (See Brelsford, J. B., and Roth.)
Roth, Karl, Terre Haute, Ind. Metal roofing. 2,124,830; July 26.
Rourke, Rupert K., Lompoc, Calif. Pneumatic classifier. 2,125,086; July 26.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Circuit breaker. 2,125,201; July 26.
Rowell, George S., Cleveland, Ohio. Method and apparatus for reproducing images on curved surfaces. 2,124,711; July 26.
Rubini Cigar Company. (See Edgeworth, William R., assignor.)
Ruckdeschel, Elsa C., New York, and W. N. Brady, Piermont, assignors to American Hard Rubber Company, New York, N. Y. Combined comb and hair curling device. 2,124,712; July 26.
Ruegenberg, Gottfried, Dusseldorf, Germany. Method and apparatus for producing packing devices. 2,124,931; July 26.
Ruelland, Albertine, New York, N. Y. Electric iron and improvement in the handle portion thereof. 2,124,713; July 26.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin. 2,124,675; July 26.
Russell, Samuel G., and F. Burdick, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,124,634; July 26.
Rust, John, and A. Dyksterhuis, Kalamazoo, Mich. Motor for operating a fluid sprinkling system. 2,124,797; July 26.
Ryan, George F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting die. 2,124,591; July 26.
Ryan, George F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making cutting dies. 2,124,676; July 26.
S. O. S. Company, The. (See Brooks, George W., assignor.)
Saal, Reyerus N. J. (See Buchel, J. A., and Saal.)
Saddington, Arthur W., and A. P. Julien, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Dialytic apparatus. 2,124,861; July 26.
Saf-T-Pop Corporation. (See Meyer, Joseph L., assignor.)
Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,124,749; July 26.
Sargent & Company. (See Shaw, John H., assignor.)
Sauer, John W., South Bend, Ind. Drapery hanger. 2,125,202; July 26.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydraulic brake actuator. 2,125,129; July 26.
Saxby, Robert N., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,124,750; July 26.
Saxton, Claude H., Elmira, N. Y. Door latch. 2,124,751; July 26.
Scepaniak, Adam W., assignor of one-half to M. Dorman, Baltimore, Md. Electric connecter. 2,125,053; July 26.
Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Tool grinder. 2,124,592; July 26.
Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Grinding machine. 2,124,593; July 26.
Schaefer, Frederic. (See Coulter, Andrew F., assignor.)
Schanbacher, Orville L., Mansfield, Pa. Battery post clamp. 2,125,203; July 26.
Scheerer, Ernest O., Linden, N. J. Combined flashlight and circuit tester. 2,124,715; July 26.
Schichtel, Georg, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Purifying magnesium. 2,124,957; July 26.
Schimkus, Kurt E., Chicago, Ill., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier and making same. 2,124,752; July 26.
Schmalz, William F. (See Conner, B. F., and Schmalz.)
Schmelzer, Albert, Cologne/Rhineland, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Diazoamino compounds. 2,124,594; July 26.
Schmelzer, Albert, Cologne, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuff preparations. 2,125,087; July 26.
Schmid, Carl, Berlin-Charlottenburg, Germany, assignor to A. W. Deller, New York, N. Y. Washing apparatus. 2,124,635; July 26.
Schmitz, Josef, Wiesbaden, Germany, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Moldable phenol-aldehyde resins. 2,124,532; July 26.
Schneeräumungsmaschinen A. G. (See Peter, Hans, assignor.)
Schnelder & Cie. (See Fieux, Jean, assignor.)
Schofield, Martha M., administratrix. (See Schofield, Stanley T.)
Schofield, Stanley T., deceased, by M. M. Schofield, administratrix, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control device for circuit breakers. 2,125,130; July 26.
Schofield, William R., Jr., assignor to Leeds and Northrup Company, Philadelphia, Pa. Exhibiting instrument. 2,124,832; July 26.
Scholl, William M., Chicago, Ill. Medicated pad. 2,125,008; July 26.
Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Book signature feed. 2,124,862; July 26.
Schuler, Francis J., assignor to Lewis Manufacturing Company, Los Angeles, Calif. Flushing device. 2,124,798; July 26.
Schüller, Hans E., Matzner, and A. Kailich, Vienna, Austria, assignors to United States Rubber Products, Inc., New York, N. Y. Method of and apparatus for manufacturing rubber threads. 2,124,636; July 26.
Schüller, Hans E., Matzner, and A. Kailich, Vienna, Austria, assignors to United States Rubber Products, Inc., New York, N. Y. Production of caoutchouc threads. 2,124,637; July 26.
Schultz, Richard A., Chicago, Ill. Antifriction bearing. 2,124,753; July 26.
Schwenden, Carl A. (See Seaman, R. H., and Schwenden.)
Scott, James A., Arcadia, assignor of two-fifths to J. W. Nowlin, Tallahassee, and one-fifth to E. S. Davies, Tampa, Fla. Selective clutch transmission for multiple motor drives. 2,124,833; July 26.
Scott & Williams, Incorporated. (See Pass, Arthur, assignor.)
Scovill Manufacturing Company. (See Tompkins, E. H., and Holihan, assignors.)
Seaman, Richard H., Los Angeles, and C. A. Schwenden, Alhambra, Calif. Oscillation system. 2,124,595; July 26.
Seeburg, N. Marshall. (See Coney, Donald L., assignor.)
Seibold, Ernst. (See Hacker, O. H., and Seibold.)
Sterner, Herbert E., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method of flame machining. 2,125,180; July 26.
Severn, Arthur B., assignor to A. Stucki, Pittsburgh, Pa. Side bearing. 2,124,958; July 26.
Shakespeare Company. (See Russell, S. G., and Burdick, assignors.)
Sharples, Alfred R. (See Knerr, H. C., and Sharples.)
Shaw, John H., Dayton Beach, Fla., assignor to Sargent & Company, New Haven, Conn. Door lock. 2,124,897; July 26.
Sheaffer, W. A., Pen Company. (See Fish, Ned D., assignor.)
Sheehan, Patrick J. (See Ritzenthaler, P. J., and Sheehan.)
Sheldon, William R., and J. F. Meehan, Jr., assignors of one-fourth to said Meehan, and three-fourths to A. Siegel, Brooklyn, N. Y. Bottle closure. 2,124,638; July 26.
Shell Development Company. (See Buchel, J. A., and Saal, assignors.)
Shell Development Company. (See Loomis, A. G., Byck, and Fidlam, assignors.)
Shell Development Company. (See Moser, Franz R., assignor.)
Shepherd, Thomas L., London, England. Production or manufacture of threads or filaments of artificial silk and the like. 2,125,032; July 26.
Shepherd, Thomas L., London, England. Shirt detachably combined with collar. 2,125,033; July 26.
Shepherd, Thomas L., London, England. Apparatus for forming rubber thread. 2,125,034; July 26.
Shrewsbury, Lemuel A., Hamilton, assignor of one-half to A. E. McCrary, St. Joseph, Mo. Stake and pulling and driving means therefor. 2,125,204; July 26.
Shute, Alfred J., assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet froner. 2,124,987; July 26.

Shute, Alfred J., assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet ironing machine. 2,124,988; July 26.
Shepard, James F., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Plural press control. 2,124,898; July 26.
Side, Frederick W. (See Harrison, T. R., and Side.)
Siegel, Abraham, et al. (See Sheldon, W. R., and Meehan, assignors.)
Sieglitz, Adolf, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Methyl-aminonaphthalene-sulphonic acids and preparing them. 2,124,863; July 26.
Siemens, Alfred, Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Metallic vapor discharge apparatus for high voltages. 2,125,131; July 26.
Siemens Brothers & Company Limited. (See Gachet, E. J., and Humphries, assignors.)
Siemens & Halske Aktiengesellschaft. (See Büchner, A., Neumann and Reinboth, assignors.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Espe, Werner, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Siemens, Alfred, assignor.)
Silvia, Cyril L. (See Cowen, R. R., and Silvia.)
Simpson, Emory G., and A. C. Andersen, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Seat adjuster. 2,124,754; July 26.
Simpson, Emory G., and A. C. Andersen, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Seat adjuster. 2,124,755; July 26.
Sinden, Alfred D., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Boat loading device. 2,125,088; July 26.
Singer, Alexander, et al. (See Lederer, Maximilian, assignor.)
Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)
Skvortzoff, Alexander A., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing structure. 2,125,089; July 26.
Smith, Earl F., and G. K. Wilson, assignors to Midwest Metal Products Company, Muncie, Ind. Mounting strip for lath stays. 2,124,966; July 26.
Smith, Elmer C., assignor of one-half to C. B. Hackleman, Plainview, Tex. Bolt construction. 2,124,658; July 26.
Smith, James J. (See Watt, B. L., and Smith.)
Smith, John E., Los Angeles, Calif. Cement spray device. 2,124,989; July 26.
Smith, S. Morgan, Company. (See Smyser, Harry E., assignor.)
Smits, Wytze B., Kassel-Wilhelmshohe, Germany. Electric ignition system and sparking plug for internal combustion engines. 2,125,035; July 26.
Smyser, Harry E., assignor to S. Morgan Smith Company, York, Pa. Rotatable water gate. 2,125,090; July 26.
Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
Snowden, Byron S., Albany, assignor to General Ice Cream Corporation, Schnectady, N. Y. Refrigeration truck body of the walk-in type. 2,125,205; July 26.
Société Anonyme de Constructions Aeronautiques (S A. G. A.). (See Gourdou, Charles E. P., assignor.)
Société Anonyme des Appareils G. A. L. (See Lachasse, Louis M., assignor.)
Société les Fils de Emile Salmson. (See Barna, Nicholas, assignor.)
Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
Solvay Process Company, The. (See Saddington, A. W., and Julien, assignors.)
Söndagh, Hermanus W. (See Ahrndt, E. A., and Söndagh.)
Specht, Christian H., Los Angeles, Calif. Reinforcement for glass block structures. 2,124,799; July 26.
Spencer, Howard F. (See Morton, W. A., and Spencer.)
Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge device. 2,124,682; July 26.
Spensley, William J., assignor to The Adams Company, Dubuque, Iowa. Foundry jacket. 2,124,639; July 26.
Sperry, Philmore F., assignor to Excel Auto Radintor Company, Chicago, Ill. Air distributing means. 2,124,716; July 26.
Sperry Products, Inc. (See Drain, James A., Jr., assignor.)
Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
Sperry-Sun Well Surveying Company. (See Nichols, Charles R., assignor.)
Spray Engineering Company. (See Thompson, Wayne B., assignor.)
Square D Company. (See Roby, Frank H., assignor.)
Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring cushion unit and method of making. 2,124,640; July 26.
Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,124,641; July 26.
Standard Oil Development Company. (See Turner, Luther B., assignor.)
Standley, Ira, Garden City, Kans. Basin attachment. 2,124,717; July 26.
Staples, Dana R., Ridley Park, Pa. Engine control. 2,124,756; July 26.
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Stark, Willet E., East Cleveland, and J. C. Patterson, Shaker Heights, assignors to The Bryant Heater Company, Cleveland, Ohio. Air conditioning system. 2,124,932; July 26.
Starkweather, Gail C. (See Haas, L. L., and Starkweather.)
Starkweather, Gail C., Kenmore, assignor to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Muffler. 2,124,933; July 26.
Stathem, Vereau L., Riverdale, Calif. Cutting implement. 2,124,718; July 26.
Steel & Tubes, Inc. (See Knerr, Horace C., assignor.)
Steel & Tubes, Inc. (See Knerr, H. C., and Sharples, assignors.)
Stenger, Willebald C., Chicago, Ill. Acoustical diaphragm. 2,124,834; July 26.
Stephens-Adamson Mfg. Co. (See Sinden, Alfred D., assignor.)
Stern, Fred H., Mount Vernon, assignor to H. L. Burkitt, New York, N. Y. Beer cooling and dispensing system. 2,125,261; July 26.
Stevenson, Robert E., Indianapolis, Ind. Stoker. 2,125,054; July 26.
Stewart, Charles S., Milwaukee, Wis. Plow. 2,125,036; July 26.
Stobb, Anton, Long Island City, assignor to R. Hoe & Co., Inc., New York, N. Y. Dampening device for printing machines. 2,125,206; July 26.
Stokes, John C. (See Fermier, G. F., and Stokes.)
Stover, William A., assignor to Petroleum Engineering, Incorporated, Tulsa, Okla. Floating head for heat exchangers. 2,125,132; July 26.
Strohl, George E. (See Kivlen, J. P., and Strohl.)
Strutz, Edward H., Sacramento, Calif. Snap hook for attaching grass catchers to lawn mowers. 2,124,835; July 26.
Stubnitz-Greene Spring Corporation. (See Caughey, John M., assignor.)
Stucki, A. (See Severn, Arthur B., assignor.)
Sturm, Fred W. (See Farnham, I. R., Sturm and Mueller.)
Suggs, Hilbert E., Dawson, Ga. Vacuum peanut stoner. 2,125,207; July 26.
Sullivan, Pike H., New Rochelle, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbons. 2,125,233; July 26.
Sullivan, Woodruff T. (See Johnson, H. D., Jr., and Sullivan.)
Superior Die Casting Company, The, et al. (See Lester, N., and Weiss, assignors.)
Swartz, Carl E. (See Palm, J. V. O., and Swartz.)
Sykes, Roger A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,124,596; July 26.
Sykes, Wilfred, assignor to Inland Steel Company, Chicago, Ill. Electrolytic apparatus. 2,125,037; July 26.
Sykes, William E., Buffalo, N. Y. Cutter sharpening machine. 2,124,990; July 26.
Sykora, Rudolf, Boston, assignor of one-half to C. W. Hale, Springfield, Mass. Hydraulic device. 2,124,800; July 26.
Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Vertical mill. 2,124,677; July 26.
Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Sheet-handling apparatus. 2,124,678; July 26.
Talbot, Richard C. (See Ferguson, J. L., and Talbot.)
Tallaferro, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,125,055; July 26.
Tannenbaum, Fannie. (See Benninger, John M., assignor.)
Taylor, Cecil H. (See Carroll, E. G., and Taylor.)
Taylor, Edward R., Lakewood, Ohio. Dispensing means for carbonated beverages. 2,125,248; July 26.
Teleo Corp. (See Hoyt, Karl R., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube extruding press. 2,125,249; July 26.
Temple, Harold F., Freeport, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube. 2,125,250; July 26.
Ternstedt Manufacturing Company. (See Simpson, E. G., and Andersen, assignors.)
Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Cleansing device for rock drills. 2,125,133; July 26.
Teter, George W., Fairplay, Colo. Tire tool. 2,124,836; July 26.
Texas Company, The. (See McCray, Howard S., assignor.)
Thomas, Theodore R., Wilkes-Barre, Pa. Tackless display holder. 2,125,208; July 26.
Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company, Doorway structure for boxcars. 2,125,209; July 26.

Thompson, Robert C., Brownwood, Tex. Terracing device. 2,125,134; July 26.
Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Powder blower. 2,125,251; July 26.
Tiedje, John Q., Collingswood, N. J., assignor to Radio Corporation of America. Acoustic device. 2,124,597; July 26.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,125,056; July 26.
Timken Roller Bearing Company, The. (See Goldsworthy, Albert H., assignor.)
Tischbein, Willy, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing azo dyestuffs on the fiber. 2,124,899; July 26.
Todd Combustion Equipment, Inc. (See Haynes, George P., assignor.)
Tompkins, Emerson H., Waterbury, and I. T. Holihan, Waterville, assignors to Scovill Manufacturing Company, Waterbury, Conn. One-hand focusing flashlight. 2,125,038; July 26.
Trabon Engineering Corporation. (See Hillis, David R., assignor.)
Tradesmens Bank and Trust Company, administrator. (See Halversen, Hans N.)
Trapp, George J., assignor to Automotive Products Company Limited, London, England. Governing means for injection pumps. 2,125,210; July 26.
Triolo, Anthony, Passaic, N. J. Broiler for use by campers. 2,124,837; July 26.
Trippe, Thomas C., Maplewood, N. J. Safety razor. 2,125,135; July 26.
Trojanowski, Jacob, Cleveland, Ohio. Wall construction. 2,125,136; July 26.
Trotter, Henry R., Highland Park, assignor, by mesne assignments, to H. W. Hacker, La Grange, Ill. Line-up gauge. 2,125,039; July 26.
Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
Turner, Luther B., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil and manufacturing the same. 2,124,598; July 26.
Turnwald, Wolfgang, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Valve. 2,125,137; July 26.
Twitchell, Morton C. (See Larry, E. C., and Twitchell.)
Tyrrell, Claude U., Pasadena, Calif. Geometrical instrument. 2,124,659; July 26.
Ullmer, Herman, Larchmont, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Billet surfacing process and machine. 2,125,178; July 26.
Union Carbide and Carbon Corporation. (See Doyle, Edmund A., assignor.)
Union Carbide and Carbon Corporation. (See Jacobsson, W. J., and Harris, assignors.)
Union Carbide and Carbon Corporation. (See Jones, Homer W., assignor.)
Union Carbide and Carbon Corporation. (See Kinzel, Augustus B., assignor.)
Union Carbide and Carbon Corporation. (See Quattlebaum, William M., assignor.)
Union Carbide and Carbon Corporation. (See Serner, Herbert E., assignor.)
Union Carbide and Carbon Corporation. (See Ullmer, Herman, assignor.)
Union Special Machine Company. (See Christensen, N. V., Hacklander, and Le Vesconte, assignors.)
Union Switch & Signal Company, The. (See Agnew, N. F., and Hines, assignors.)
Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
Union Switch & Signal Company, The. (See Kershaw, Arthur G., assignor.)
Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)
Union Switch & Signal Company, The. (See Place, Willard P., assignor.)
Union Switch & Signal Company, The. (See Vanhorn, James J., assignor.)
Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
United American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)
United Engineering & Foundry Company. (See Talbot, Howard H., assignor.)
United Shoe Machinery Corporation. (See Barnett, Walter, assignor.)
United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
United Shoe Machinery Corporation. (See Cuozzo, Michele, assignor.)
United Shoe Machinery Corporation. (See Drew, Frederick W., assignor.)
United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)
United Shoe Machinery Corporation. (See Gingell, Harry, assignor.)
United Shoe Machinery Corporation. (See Ryan, George F., assignor.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
United States Gauge Company. (See Gruver, Frank S., assignor.)
United States Rubber Products, Inc. (See Erickson, Anton E., assignor.)
United States Rubber Products, Inc. (See Pipes, Walter L., assignor.)
United States Rubber Products, Inc. (See Schüller, H., Matzner, and Kailich, assignors.)
United States Rubber Products, Inc. (See Wardell, William L., assignor.)
Universal Oil Products Company. (See Grosse, Aristid V., assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Morrell, J. C., and Grosse, assignors.)
Universal Products Company. (See Wollner, Hans. assignor.)
Urschel, Joe R. (See Urschel, William E. and J. R.)
Urschel, William E., Valparaiso, Ind. Mechanical movement and shredder. 2,124,934; July 26.
Urschel, William E. and J. R., Valparaiso, Ind. Fruit and vegetable cutter. 2,124,935; July 26.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric wave generator. 2,124,719; July 26.
Van Alsburg, Jerold H., Chicago, Ill., assignor to Hart & Cooley Mfg. Co., Dover, Del. Air outlet and current equalizer. 2,124,801; July 26.
Vandette, Romeo X. (See Haliburton, W. M., and Vandette.)
Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,124,660; July 26.
Van Hove, Desire H., Pleasant Ridge, Mich. Spring cushion. 2,124,720; July 26.
Van Raap, Alfred. (See Herrmann, Willy O., assignor.)
Varley, Thomas W., New York, N. Y. Electrical device. 2,124,642; July 26.
Vaughan, William, assignor of one-half to Aircraft Specialties, Inc., Lapeer, Mich. Piston ring groove cleaner. 2,124,757; July 26.
Vedder, Edwin H., Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit for phototube control of gridglow tubes. 2,125,091; July 26.
Vick Chemical Company. (See Wright, John H., assignor.)
Victor Metal Products Corporation. (See Temple, George W., assignor.)
Vilsmeier, Anton. (See Neresheimer, H., Held, and Vilsmeier.)
Vitachrome, Inc. (See Jenking, A. C., and Beck, assignors.)
Vogel, Fred J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer cooling system. 2,125,138; July 26.
Vogel, Max., Bridgeport, Conn. Producing a staple strip. 2,125,211; July 26.
Vogel, William M., Bloomfield, N. J. Filling and closing cans. 2,124,959; July 26.
Voith, J. M. (See Hacker, O. H., and Selbold, assignors.)
Wagner, Charles S., assignor to Blough Manufacturing Co., Inc., Harrisburg, Pa. Garment. 2,124,721; July 26.
Wahlberg, Nils A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulated runner for trolley devices. 2,125,092; July 26.
Walger, William, Chicago, Ill. Cot structure. 2,124,643; July 26.
Wallace, Richard E., Toronto, Ontario, Canada. Device for observing color register indications of color prints discharged from a multicolor press. 2,124,802; July 26.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Applicator. 2,124,722; July 26.
Ward, Kyle, Jr. (See Paine, H. S., and Ward.)
Wardell, William L., assignor to United States Rubber Products, Inc., New York, N. Y. Shoe display form. 2,124,644; July 26.
Wareham, James K. (See Goll, F. D., and Wareham.)
Waring, Robert W., and R. J. Fahey, Evanston, Ill.; said Waring assignor to said Fahey. Indicating braking action. 2,124,960; July 26.
Warona A. G. (See Roos, Walther, assignor.)
Wasley, Irving J., Bristol, Conn. Safe. 2,125,139; July 26.
Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Coin controlled amusement apparatus. 2,124,838; July 26.
Watling Scale Company. (See Watling, Burns S., assignor.)
Watt, Burton L., Marquette, Mich., and J. J. Smith, Seattle, Wash., assignors to Griplock, Inc., New York, N. Y. Wire strapping tool. 2,124,991; July 26.
Wayne Pump Company, The. (See Farnham, I. R., Sturm, and Mueller, assignors.)
Wayne Pump Company, The. (See Jauch, R. J., and Pepper, assignors.)
Weeldenburg, Johannes G. (See Polak, J. J., and Weeldenburg.)
Wehrs, Harry A. W., Bangor, Wis. Electrically controlled lock. 2,124,936; July 26.

Weiss, Adrian E. (See Lester, N., and Weiss.)
Weiss, Dewey S., Portland, Oreg. Automobile trailer coupling. 2,124,839; July 26.
Weller, Frank E., Bloomfield, N. J. Forming head arrangement. 2,124,864; July 26.
Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light sensitive apparatus. 2,124,807; July 26.
Wendt, Bruno. (See Eggert, J., and Wendt.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Cook, E. S., and Hammer, assignors.)
Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)
Westinghouse Air Brake Company, The. (See Farmer Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, E. E., and Fitch, assignors.)
Westinghouse Air Brake Company, The. (See Work, E. A., and Hammer, assignors.)
Westinghouse Air Brake Company, The. (See Yancey, Perry E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnes, T. D., and Mylius, assignors.)
Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gamel, Gayne D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harding, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hutchison, W. M., and Jones, assignors.)
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Long, Thomas H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mains, Gerald H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Moss, Charles McL., assignor.)
Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peters, John F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Robinson, Edward L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schofield, Stanley T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Skvortzoff, Alexander A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taliaferro, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Vedder, Edwin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Vogel, Fred J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wahlberg, Nils A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wright, Ralph H., assignor.)
Wharmby, James W., Dayton, Ohio, assignor to National Biscuit Company, New York, N. Y. Cup pastry baking machine. 2,124,723; July 26.
Wheeler, Harvey C. (See Langlet, Paul, assignor.)
White, Clarence A., Delair, N. J., and E. L. Regin, San Francisco, Calif., assignors, by mesne assignments, to Kieckhefer Container Company, Delair, N. J. Shipping container for canned goods or the like. 2,124,808; July 26.
White, Harrison L., Brockport, N. Y. Traveling belt stoker. 2,124,661; July 26.
White, Leo D., Lansdowne, Pa., assignor to General Electric Company. Supervisory control system. 2,125,093; July 26.
Whitcomb, Henry F., Jr., Milwaukee, Wis., assignor to Richardson Ball Bearing Skate Company, Chicago, Ill. Skate clamp. 2,124,724; July 26.
Whitenack, Charles L. (See Drill, D. C., Whitenack, and Gregory.)
Whitney, Baxter D., & Son, Inc. (See Hawes, Austin W., assignor.)
Whittle, William S., Cleveland, Ohio. Blowgun. 2,124,937; July 26.
Wiener, Norbert and Y.-W. Lee, Peiping, China, assignors to American Telephone and Telegraph Company. Electrical network system. 2,124,599; July 26.
Wilby, Edward W. (See Kimball, C. N., and Wilby.)
Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Correction of negatives. 2,124,679; July 26.
Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company. Surprinting. 2,124,680; July 26.
Williams, Albert J., Jr. (See Behr, L., Williams, and Adams.)
Williams, Albert J., Jr., and S. B. Morehouse, assignors to Leeds & Northrup Company, Philadelphia, Pa. Electrical generating system. 2,124,725; July 26.
Wilson, Guy K. (See Smith, E. F., and Wilson.)
Winkler, Frederick W., F. X. Mooney, and C. R. Kuzell, Clarkdale, and M. T. Mounts, Cottonwood, Ariz., assignors to Phelps Dodge Corporation, New York, N. Y. Patching interior surfaces of furnaces. 2,124,865; July 26.
Winkley, Eratus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the bottoms of shoes. 2,124,662; July 26.
Wintemute, Frank, Long Beach, Calif. Rotary underreamer. 2,124,663; July 26.
Winters, David L., Los Angeles, Calif. Dual brake controlling mechanism for vehicles. 2,124,900; July 26.
Wired Radio, Inc. (See Laport, Edmund A., assignor.)
Wirth, Emil O. (See Hunt, S. F., Olson, and Wirth.)
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Take-up and rewind assembly for motion picture projectors. 2,124,938; July 26.
Wolf, Howard O., assignor of forty-nine per cent to H. E. Burnett, Grand Junction, Colo. Luminous sign. 2,125,009; July 26.
Wollner, Hans, Detroit, Mich., assignor to Universal Products Company, Inc. Universal joint. 2,124,803; July 26.
Wood, John C., assignor to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing system and apparatus. 2,125,057; July 26.
Wood, Walter A., Los Angeles, assignor to J. D. Chestnut, San Marino, Calif. Airplane kite. 2,124,992; July 26.
Woodward, George, West Orange, assignor to Igoe Brothers, Newark, N. J. Wire drawing drum. 2,124,967; July 26.
Woodward, Harold E. (See Daudt, H. W., and Woodward.)
Work, Edgar A., Lancaster, Ohio, and C. F. Hammer, Greensburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake control apparatus. 2,125,094; July 26.
Worrall, Robert H., Washington, D. C. Electrical amplifying device. 2,124,600; July 26.
Wright, Frank L., Spring Green, assignor of forty-nine per cent to S. C. Johnson & Son, Inc., Racine, Wis. Structural glass. 2,124,809; July 26.
Wright, John H., Larchmont, assignor to Vick Chemical Company, New York, N. Y. Therapeutic composition. 2,125,212; July 26.
Wright, Ralph H., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor starting control system. 2,125,140; July 26.
Wright, Richard H., Cleveland, Ohio. Door check and holder. 2,125,010; July 26.
Wrigley, James B., assignor to International Supply Company, Tulsa, Okla. Casing head. 2,124,840; July 26.
Wunder, Franz. (See Altvater, A. W., and Wunder.)
Youmans, Edward D., Clifton, assignor to The Okonite Company, Passaic, N. J. Insulated wire or cable for the transmission of electrical energy. 2,124,993; July 26.
Young, James W., Des Moines, Iowa. Valve control means for collapsible material-holding tubes. 2,124,841; July 26.
Young, L. A., Spring and Wire Corporation. (See Stackhouse, George A., assignor.)
Yancey, Perry E., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Waste retainer for car journals. 2,125,141; July 26.
Young, Earle L., Bayside, assignor to Laminated Shim Co., Inc., Long Island City, N. Y. Laminated shim. 2,124,866; July 26.
Youngblood, James A., Dallas, Tex. Operating mechanism for doors. 2,125,142; July 26.
Younghusband, James L., Chicago, Ill. Vanity case. 2,125,040; July 26.
Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
Zebulske, Edward A., North Tonawanda, N. Y. Amusement device. 2,124,939; July 26.
Zeisberg, Fred C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovering sulphuric acid from hot gas mixtures containing sulphur oxides. 2,125,143; July 26.
Zierold, Arno, Floha, and K. Kortenbach, Solingen-Weyer, assignors to Kortenbach & Rauh Kommanditgesellschaft, Solingen-Weyer, Germany. Telescopic umbrella frame. 2,124,842; July 26.
Zink, John S., Tulsa, Okla. Combination oil and gas burner. 2,124,940; July 26.
Zolenas, Anthony J., Jr. (See Eisenberg, H., and Zolenas.)
Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Circuit controlling device. 2,125,095; July 26.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 26TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Boxcar. W. L. Thomas. Re. 20,811; July 26.
Coupling, Fluidtight. H. Tailleferre. Re. 20,810; July 26.
Hoist, Dumping body. L. S. Wood. Re. 20,812; July 26.
Holder, Electrode. J. Churchward. Re. 20,808; July 26.
Tulle and lace comprising multiple elastic threads. A. Isaac. Re. 20,809; July 26.
Wheel, Steering. C. W. Beck. Re. 20,807; July 26.

LIST OF DESIGN INVENTIONS

Bathroom unit, Combination. E. K. Mahlum. 110,643; July 26.
Belt or similar article. D. Penzel. 110,658; July 26.
Belt or similar article. A. Petersdorff. 110,659; July 26.
Bottle. C. H. Mekeel, Jr. 110,624; July 26.
Box. S. Smith. 110,651; July 26.
Bread product, Toasted. L. Neuberger. 110,626; July 26.
Brush, Hair. C. Jobst. 110,642; July 26.
Candelabrum. M. F. Schachter. 110,631; July 26.
Case, Piano. W. M. Day. 110,669; July 26.
Case, Piano. F. Huetteman. 110,671; July 26.
Casing and base therefor, Combined stove. J. R. Morgan. 110,673; July 26.
Casing, Stove. J. R. Morgan. 110,674; July 26.
Casserole or similar article, Glass. M. A. Smith. 110,678; July 26.
Chair or similar article, Upholstered. A. Bach. 110,667; July 26.
Clip. G. A. J. Bezault. 110,635; July 26.
Coat. L. Newman. 110,657; July 26.
Coat. S. Prestyly. 110,660; July 26.
Coat. N. Prigozen. 110,688; July 26.
Coat. J. M. Riordan. 110,663; July 26.
Coat. J. Schumer. 110,664–5; July 26.
Coat. H. Zuckerman. 110,666; July 26.
Container. W. F. Schmalz. 110,649; July 26.
Container and individual receptacle, Combination. J. T. Havekost. 110,640; July 26.
Decanter or similar article. R. R. Kostellow. 110,672; July 26.
Dispensing device. W. E. Doughty. 110,613; July 26.
Dress. E. Cutler. 110,668; July 26.
Dress. A. Engel. 110,670; July 26.
Dress. E. Fischer. 110,680; July 26.
Dress. T. M. Fritz. 110,681; July 26.
Dress. D. W. Price. 110,661; July 26.
Dress. H. Zinn. 110,682–3; July 26.
Dress ensemble. E. M. Ciccone. 110,679; July 26.
Emblem or similar article, Appliqué. L. A. Seltzer. 110,650; July 26.
Fabric or similar article, Printed. M. R. Hamre. 110,686–7; July 26.
Fabric or similar article, Textile. A. Zavell. 110,654–5; July 26.
Fabric, Textile. T. Emmerich. 110,638; July 26.
Fabric, Textile. H. M. Goldman. 110,684–5; July 26.
Fabric, Textile. D. Hess. 110,641; July 26.
Fishing lure. R. S. Powell. 110,648; July 26.
Frame and handle for mirrors or the like, Combination. M. A. North. 110,644; July 26.
Grill or the like, Electric. H. A. Smith. 110,677; July 26.
Handbag. H. J. Carlin. 110,612; July 26.
Handbag. F. M. Lewis. 110,618; July 26.
Harness, Dog. G. W. Nesbitt. 110,625; July 26.
Holder, Combination match folder and article. J. B. Waller. 110,632; July 26.
Holder for bowling alley newel posts, Combination chalk and cigarette. W. Bueche. 110,636; July 26.
Illuminating fixture. E. F. Guth. 110,639; July 26.
Knob, Steering wheel. G. F. Bahr. 110,633; July 26.
Machine for signing facsimile signatures. W. L. Todd and R. C. Browne. 110,652; July 26.
Mill, Decorative. B. Salzberg. 110,628–30; July 26.
Mirror, Illuminable hand. F. A. Leisen. 110,656; July 26.
Plate for a combined radio tuning dial and control panel, or the like, Escutcheon. L. J. Leishman. 110,617; July 26.
Press, Portable. J. S. Rodgers. 110,627; July 26.
Rail-bender. L. O. Becker. 110,608; July 26.
Ring, Finger. A. H. Glaser. 110,615; July 26.
Scaffold end frame. R. A. Uecker, D. E. Beatty, and I. G. Rambo. 110,653; July 26.
Settee. I. Salomon. 110,676; July 26.
Shield, Radiator. E. J. Roithner. 110,675; July 26.
Shoe. W. H. Benton. 110,609–10; July 26.
Shoe. W. H. Benton. 110,634; July 26.
Shoe. A. Ornsteen. 110,645; July 26.
Signal, Traffic. R. Petrochko. 110,646; July 26.
Spoon or other article of flatware. J. P. Petterson. 110,647; July 26.
Stove. G. M. Brown. 110,611; July 26.
Strip, Metal molding. C. D. Lowry. 110,619–23; July 26.
Tire. W. E. Hardeman. 110,616; July 26.
Undergarment, Combination. J. A. Reilly. 110,662; July 26.
Vaporizer or similar article. W. H. Fischer. 110,614; July 26.
Watch and bracelet, Combined. L. J. Davenport. 110,637; July 26.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 26TH DAY OF JULY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acid from hot gas mixtures containing sulphur oxides, Recovering sulphuric. F. C. Zeisberg. 2,125,143; July 26.
Acid solutions, Concentrating. J. B. Castner and R. F. Peterson. 2,124,729; July 26.
Acids and manufacture, Sulpho. R. Kern. 2,125,072; July 26.
Acids and preparing them, Methyl-aminonaphthalene-sulphonic. A. Sieglitz. 2,124,863; July 26.
Acids, Purification and separation of aryl sulphonic. W. M. Lofton, Jr., J. H. Jones, A. K. Pyle, and A. A. Hoffmann. 2,125,189; July 26.
Acoustic device. J. C. Karnes. 2,124,575; July 26.
Acoustic device. J. Q. Tiedje. 2,124,597; July 26.
Adhesives from starchy vegetable matter, Preparation of. H. S. Paine and K. Ward, Jr. 2,124,994; July 26.
Agitator. J. Martin. 2,124,983; July 26.
Agricultural implement. G. Q. Heppner. 2,124,919; July 26.
Air conditioning system. W. E. Stark and J. C. Patterson. 2,124,932; July 26.
Air distributing means. P. F. Sperry. 2,124,716; July 26.
Air outlet and current equalizer. J. H. Van Alsburg. 2,124,801; July 26.
Air register. G. P. Haynes. 2,125,022; July 26.
Alarm mechanism for shear-pin couplings. A. C. Lind. 2,124,965; July 26.
Alcohols and preparing them, Halogen-substituted. W. Fitzky. 2,124,851; July 26.
Alimentary product, Making an. A. D. Barbour. 2,125,215; July 26.
Alkali metal nitrates, Recovery of. H. A. Beekhuis, Jr. 2,124,536; July 26.
Alkyl chlorides. E. W. Bousquet. 2,124,605; July 26.
Alloy: *See*—
Brazing alloy. Magnesium base alloy.
Magnesium alloy.
Alloy. J. V. O. Palm and C. E. Swartz. 2,124,589; July 26.
Amplifier, Mixing. E. A. Laport. 2,124,805; July 26.
Amusement apparatus, Coin controled. B. S. Watling. 2,124,838; July 26.
Amusement device. E. A. Zebulske. 2,124,939; July 26.
Antiglare device. S. Itzigson. 2,125,232; July 26.
Antifriction bearing. R. A. Schultz. 2,124,753; July 26.
Apparatus for sorting and feeding receptacle closure caps. J. A. Johnson. 2,124,618; July 26.
Applicator. C. T. Walter. 2,124,722; July 26.
Arc indicator system for projection lamps. N. Brenkert. 2,125,148; July 26.
Arm, Check. J. H. Roethel. 2,125,247; July 26.
Article and producing same, Chromium plated. P. J. Ritzenthaler and P. J. Sheehan. 2,124,657; July 26.
Articles from molds, Method and apparatus for removing. A. E. Erickson. 2,124,613; July 26.
Articles, Making abrasive. R. C. Benner and R. L. Melton. 2,124,666; July 26.
Articles, Making hollow rubber. R. H. Guinzburg. 2,124,854; July 26.
Articles, Method and apparatus for molding. C. L. Beal. 2,124,871; July 26.
Articles, Ornamentation and decoration of sheet metal. K. and T. Ginter. 2,125,107; July 26.
Atmosphere control, Enveloping. C. L. Hayes. 2,124,573; July 26.
Automatic loom. H. D. Johnson Jr., and W. T. Sullivan. 2,124,979; July 26.
Bag: *See*—
Traveling bag.
Bag opening device. R. F. Keppler, and S. M. Mackey. 2,124,780; July 26.
Balance, Torsion. E. A. Ahrndt and H. W. Söndagh. 2,124,968; July 26.
Basin attachment. I. Standley. 2,124,717; July 26.
Battery connection. G. W. Reed. 2,124,631; July 26.
Battery post clamp. O. L. Schanbacher. 2,125,203; July 26.
Battery protecting control scheme. W. M. Hutchison and R. C. Jones. 2,125,071; July 26.
Beacon system, Ultrahigh frequency marker. C. D. Barbulesco. 2,124,533; July 26.
Bearing: *See*—
Antifriction bearing. Side bearing.
Roller bearing.
Bed, Foldable. T. B. Bardaji. 2,124,602; July 26.
Beer coil cleaner. W. A. Douglass. 2,124,875; July 26.
Beer cooling and dispensing system. F. H. Stern. 2,125,261; July 26.
Beer dispensing device. R. T. Cornelius. 2,125,102; July 26.
Belt. A. L. Freedlander. 2,124,668; July 26.
Bicycle lock. H. F. Nelson. 2,125,170; July 26.
Billet surfacing process and machine. H. Ullmer. 2,125,178; July 26.
Binder, Loose leaf. G. E. Hamlin. 2,125,048; July 26.
Blasting cap. R. F. B. Cox. 2,125,221; July 26.
Block signaling system for railroads, Automatic. E. C. Larry and M. C. Twitchell. 2,125,243; July 26.
Blower, Powder. W. B. Thompson. 2,125,251; July 26.
Blowgun. W. S. Whittle. 2,124,937; July 26.
Board: *See*—
Folding ironing board.
Board for electrical devices, Detachable terminal. E. B. Fairbanks. 2,125,256; July 26.
Boat loading device. A. D. Sinden. 2,125,088; July 26.
Bolt actuating mechanism. C. J. Bates, Jr., and G. Del Grosso. 2,124,758; July 26.
Bolt construction. E. C. Smith. 2,124,658; July 26.
Book signature feed. C. Schramm. 2,124,862; July 26.
Boron carbide composition, Making a. J. A. Boyer. 2,124,538; July 26.
Bottle closure. W. R. Sheldon and J. F. Meehan, Jr. 2,124,638; July 26.
Bottle hooding machine. D. Ray. 2,124,674; July 26.
Bottom filling machine. S. J. Finn. 2,125,156; July 26.
Box and clamp, Electrical outlet. T. E. Cassey. 2,124,541; July 26.
Bracket: *See*—
Curtain and shade bracket.
Brake. E. G. Carroll and C. H. Taylor. 2,124,761; July 26.
Brake. E. G. Carroll. 2,124,762; July 26.
Brake. L. E. La Brie. 2,124,784–6; July 26.
Brake actuator, Hydraulic. C. Sauzedde. 2,125,129; July 26.
Brake beam leveler. A. F. Coulter. 2,124,944; July 26.
Brake control apparatus, Vehicle. E. A. Work and C. F. Hammer. 2,125,094; July 26.
Brake control mechanism, Fluid pressure. E. S. Cook and C. F. Hammer. 2,125,101; July 26.
Brake control for high speed trains. C. C. Farmer. 2,125,155; July 26.
Brake control mechanism, Vehicle. A. B. Ellery. 2,125,104; July 26.
Brake controlling mechanism for vehicles, Dual. D. L. Winters. 2,124,900; July 26.
Brake device, Load. E. E. Hewitt and E. R. Fitch. 2,125,164; July 26.
Brake equipment, Safety car. E. E. Hewitt. 2,125,165; July 26.
Brake gauge. H. B. Barrett. 2,124,603; July 26.
Brake mechanism. C. Hollerith. 2,124,949; July 26.
Braking action, Indicating. R. W. Waring and R. J. Fahey. 2,124,960; July 26.
Brazing alloy. O. E. Harder. 2,125,228; July 26.
Bridge structural members or the like, Method and apparatus for shortening. H. R. Colwell. 2,125,220; July 26.
Broiler for use by campers. A. Triolo. 2,124,837; July 26.
Brush for high intensity arc searchlights. J. F. Peters. 2,125,171; July 26.
Brushes, Commutator and like. O. Kasperowski. 2,125,027; July 26.
Building material, Composite. M. Lederer, 2,124,921; July 26.
Building structure. C. H. Michel. 2,124,826–7; July 26.
Bunch builder for spinning mules. C. J. Paolucci. 2,125,196; July 26.
Bung, Antiseptic. L. Brendel. 2,124,685; July 26.
Burner: *See*—
Oil and gas burner. Oil burner.
Burner construction, Pilot. F. A. Gauger. 2,124,915; July 26.
Bushing structure. A. A. Skvortzoff. 2,125,089; July 26.
Button, Separable. J. Hojnowski. 2,124,975; July 26.
Button, Tufting. R. E. Miller. 2,124,859; July 26.
Can filling machine. R. Luthi. 2,124,581; July 26.
Cans, Filling and closing. W. M. Vogel. 2,124,959; July 26.
Cans, Making coated. W. F. Grupe. 2,124,853; July 26.
Cap: *See*—
Gas tank locking cap.
Capacitor protective system. R. E. Marbury. 2,125,077; July 26.
Car construction, Railway. F. Ditchfield. 2,125,047; July 26.

Carbon stripping device. J. W. Anderson. 2,124,996; July 26.
Carburetor. S. F. Hunt, E. Olson and E. O. Wirth. 2,124,777; July 26.
Carburetor. S. F. Hunt. 2,124,778; July 26.
Cart, Concrete. R. R. Roemer. 2,124,956; July 26.
Carton. B. J. Davidson. 2,124,868; July 26.
Carton, Cardboard. W. R. Quagliotti. 2,124,955; July 26.
Carton, Dispensing. B. S. Harrington. 2,124,699; July 26.
Cartridge, Shotgun. W. Edwards. 2,125,224; July 26.
Case: *See*—
Vanity case.
Case loader. J. L. Ferguson and R. C. Talbot. 2,124,962; July 26.
Casing cutter. R. H. Greenawalt. 2,124,617; July 26.
Casing hook. G. F. Fermier and J. C. Stokes. 2,124,692; July 26.
Casing head. J. B. Wrigley. 2,124,840; July 26.
Cellulose derivative compositions and making the same. C. Dreyfus. 2,124,611; July 26.
Cellulose derivatives from suspension containing them, Removal of. S. C. Pool and M. L. Piker. 2,124,894; July 26.
Cellulose ether compositions. E. C. Britton, S. L. Bass, and E. G. Hallonquist. 2,124,540; July 26.
Cellulose, Manufacturing colored soluble. E. de Stubner. 2,125,103; July 26.
Cement spray device. J. E. Smith. 2,124,989; July 26.
Chair. S. Peppas. 2,124,893; July 26.
Change making machine. S. J. Bachardy. 2,125,058; July 26.
Change-paying mechanism. S. J. Bachardy. 2,125,059; July 26.
Charge indicator for trackless trolley coaches, Body. L. C. Josephs, Jr., and L. J. Heine. 2,125,050; July 26.
Check, High level safety. O. A. Kottemann. 2,124,783; July 26.
Check-protecting means. R. E. Bauder. 2,124,535; July 26.
Chute. A. N. Klyver. 2,124,964; July 26.
Circuit: *See*—
Electric phase controlling circuit.
Circuit apparatus, Railway track. B. E. O'Hagan. 2,124,629; July 26.
Circuit breaker. R. N. Rowe. 2,125,201; July 26.
Circuit controlling device. E. Zurcher. 2,125,095; July 26.
Circuit for phototube control of grid-glow tubes. E. H. Vedder. 2,125,091; July 26.
Circuit for railroads, Track. F. B. Hitchcock. 2,125,240; July 26.
Circuits, Electron discharge tube. J. H. O. Harries. 2,125,003; July 26.
Clamp: *See*—
Battery post clamp. Skate clamp.
Classifier, Pneumatic. R. K. Rourke. 2,125,086; July 26.
Cleaner: *See*—
Beer coil cleaner. Piston ring groove cleaner.
Cleansing article. G. W. Brooks. 2,125,099; July 26.
Cleansing device for rock drills. E. F. Terry. 2,125,133; July 26.
Clip: *See*—
Curling clip. Form clip.
Clip for securing together the covers and ribs of umbrellas. J. A. Maxwell, Jr. 2,125,078; July 26.
Closing and locking device for overhead garage doors. W. E. Bagley. 2,124,970; July 26.
Closure device. E. W. Clark. 2,124,763; July 26.
Closure for bearings, Diaphragm. A. H. Goldsworthy. 2,124,526; July 26.
Clutch. H. W. Fies. 2,124,734; July 26.
Clutch control mechanism. V. W. Kliesrath. 2,124,781; July 26.
Collapsible tube. H. F. Temple. 2,125,250; July 26.
Collapsible tube extruding press. G. W. Temple. 2,125,249; July 26.
Comb. O. B. Carson. 2,124,687; July 26.
Comb and hair curling device, Combined. E. C. Ruckdeschel and W. N. Brady. 2,124,712; July 26.
Composition and method, Waterproofing. B. A. Anderton. 2,124,843; July 26.
Compounds of the 3.4.8.9-dibenzopyrene-5.10-quinone series. H. Neresheimer, R. Held, and A. Vilsmeier. 2,124,891; July 26.
Conduit connecter. C. W. Barnard. 2,124,942; July 26.
Connecter: *See*—
Conduit connecter. Electric connecter.
Contactor element. F. R. Hensel. 2,124,974; July 26.
Container: *See*—
Egg container. Liquid container.
Container closure means. B. F. Conner. 2,124,873; July 26.
Container for beverages, Metal. A. L. Kronquest. 2,124,823; July 26.
Container for canned goods or the like, Shipping. C. A. White and E. L. Regin. 2,124,808; July 26.
Container closure means. B. F. Conner and W. F. Schmalz. 2,124,874; July 26.
Control apparatus. T. R. Harrison and F. W. Side. 2,125,109; July 26.
Control apparatus, Pneumatic. T. R. Harrison and F. W. Side. 2,124,946; July 26.
Control device for circuit breakers. S. T. Schofield. 2,125,130; July 26.
Control device for ironers, Combination. J. W. Jensen. 2,124,976; July 26.
Control for automatic looms, Picker. H. D. Johnson, Jr., and W. T. Sullivan. 2,124,978; July 26.
Control means for thermo-compressors. J. Kirgan. 2,124,620; July 26.
Control system. W. R. Tallaferro. 2,125,055; July 26.
Control system for generators. W. R. Harding. 2,125,108; July 26.
Copper phthalocyanine, Producing. R. P. Linstead and C. E. Dent. 2,124,742; July 26.
Corselet. H. J. Dubner. 2,124,769; July 26.
Corsets. C. Koford. 2,125,185; July 26.
Cot structure. W. Walger. 2,124,643; July 26.
Cotton seed, Delinting. J. M. Ethridge. 2,124,816; July 26.
Coupling: *See*—
Trailer coupling.
Coupling for trailer vehicles, Steering. R. D. Henderson. 2,124,947; July 26.
Culinary machine, Motor driven. J. Lips. 2,125,118; July 26.
Culverts, Making corrugated metal. E. F. Lundeen. 2,124,882; July 26.
Cup for packaging confections. R. C. Fenner. 2,125,069; July 26.
Cup pastry baking machine. J. W. Wharmby. 2,124,723; July 26.
Curling clip. P. Langlet. 2,124,824; July 26.
Curtain and shade bracket. A. Pinto. 2,125,084; July 26.
Cushion, Spring. J. M. Caughey. 2,124,730; July 26.
Cushion, Spring. D. H. Van Hove. 2,124,720; July 26.
Cutter: *See*—
Casing-cutter.
Fruit and vegetable cutter.
Cutter sharpening machine. W. E. Sykes. 2,124,990; July 26.
Cutter with helical teeth, Milling. F. Gouverneur. 2,124,818; July 26.
Cutting die. G. F. Ryan. 2,124,591; July 26.
Cutting implement. V. L. Stathem. 2,124,718; July 26.
Cutting tool, Hard alloy. H. E. Flanders. 2,124,877; July 26.
Cylinders for internal combustion engines, Producing. E. F. Gehret. 2,125,106; July 26.
Dampening device for printing machines. A. Stobb. 2,125,206; July 26.
Dentrifrice, Liquid. H. Eisenberg and A. J. Zolenas, Jr. 2,124,971; July 26.
Device for cleaning receptacles. A. Ransom, Jr. 2,124,748; July 26.
Device for observing color register indications of color prints discharged from a multicolor press. R. E. Wallace. 2,124,802; July 26.
Device for opening, discharging the contents of, and mutilating cartons. S. Bergstein. 2,125,146; July 26.
Dialytic apparatus. A. W. Saddington and A. P. Julien. 2,124,861; July 26.
Diaphragm, Acoustical. W. C. Stenger. 2,124,834; July 26.
Diazoamino compounds. A. Schmelzer. 2,124,594; July 26.
Die: *See*—
Cutting die. Pressure casting die.
Forging die.
Dies, Making cutting. G. F. Ryan. 2,124,676; July 26.
Diffusion system for illumination. A. C. Jenking and R. C. Beck. 2,124,737; July 26.
Disguise medium. J. W. Dawn. 2,124,767; July 26.
Dish, Artist's color mixing. R. M. Allman. 2,124,810; July 26.
Dispensers, guest's announcers, and advertising means, Device for napkin. O. A. Kaparin and S. Rappaport. 2,124,963; July 26.
Dispensing means for carbonated beverages. E. R. Taylor. 2,125,248; July 26.
Display device. G. L. Connelly. 2,125,045; July 26.
Display device for shop windows. S. Belobrajdech. 2,124,997; July 26.
Display holder. H. L. Moore. 2,125,191; July 26.
Distillation process, Vacuum. K. C. D. Hickman. 2,124,879; July 26.
Door and folding step construction, Railway car trap. E. F. Chaffee. 2,124,872; July 26.
Door check and holder. R. H. Wright. 2,125,010; July 26.
Door construction, Overhead garage. W. E. Bagley and H. H. Bartel. 2,124,969; July 26.
Door latch. C. H. Saxton. 2,124,751; July 26.
Door lock. J. H. Shaw. 2,124,897; July 26.
Doorway structure for box cars. W. L. Thomas. 2,125,209; July 26.
Draft and buffing gear. J. H. Link. 2,124,704; July 26.
Drive for power shaping machines, Workpiece. A. W. Hawes. 2,125,239; July 26.
Drain valve, Automatic. B. S. Aikman. 2,125,144–5; July 26.
Drapery hanger. J. W. Sauer. 2,125,202; July 26.
Drawer pull. D. B. Pope. 2,124,928; July 26.
Drill cleansing device. E. H. Dickenson. 2,124,609; July 26.

Drill mechanism, Rock. W. A. Morrison. 2,124,627; July 26.
Driving device provided with endless track chains for motor vehicles. H. K. Peter. 2,124,708; July 26.
Drum filter. J. N. Neil. 2,124,828; July 26.
Drum, Wire drawing. G. Woodward. 2,124,967; July 26.
Drying device for traveling webs. T. Fuykers. 2,124,669; July 26.
Duplex pumping engine. A. L. Leman. 2,124,788; July 26.
Duplicating machine. A. P. Lee. 2,125,167; July 26.
Dye, Brown wool. H. W. Daudt and H. E. Woodward. 2,124,690; July 26.
Dye finishing process. J. K. Reed. 2,124,590; July 26.
Dyes and manufacturing the same, Azo. W. Lange. 2,124,881; July 26.
Dyes and their preparation, Hydroxy secondary disazo. H. W. Daudt and H. E. Woodward. 2,124,688; July 26.
Dyes, Brown azo. H. W. Daudt and H. E. Woodward. 2,124,689; July 26.
Dyestuff preparations, Azo. A. Schmelzer. 2,125,087; July 26.
Dyestuffs on the fiber, Preparing azo. W. Tischbein. 2,124,899; July 26.
Dynamo-electric machine. J. H. Blankenbuehler. 2,125,062; July 26.
Earth and air-electrical conditions, Process and apparatus for the indirect determination of. L. Machts and B. Rehder. 2,124,825; July 26.
Egg container. S. Bergstein. 2,125,042; July 26.
Elastic fabric. R. Hesse. 2,124,574; July 26.
Electric circuit protector. D. S. Rivers. 2,125,126; July 26.
Electric connecter. A. W. Scepaniak. 2,125,053; July 26.
Electric motor. H. T. Pershing, Jr. 2,124,672; July 26.
Electric phase controlling circuit. W. V. Roberts. 2,125,127; July 26.
Electric switch. J. M. Hendrickson. 2,125,049; July 26.
Electric wave generator. R. Urtel. 2,124,719; July 26.
Electrical amplifying device. R. H. Worrall. 2,124,600; July 26.
Electrical device. T. W. Varley. 2,124,642; July 26.
Electrical distribution system. R. C. Fryer. 2,124,693; July 26.
Electrical generating system. A. J. Williams, Jr., and S. B. Morehouse. 2,124,725; July 26.
Electrical network system. N. Wiener and Y. Lee. 2,124,599; July 26.
Electrically controlled lock. H. A. W. Wehrs. 2,124,936; July 26.
Electrodynamical measuring instrument. H. Boekels. 2,125,151; July 26.
Electrolytic apparatus. W. Sykes. 2,125,037; July 26.
Electromagnetic control device. W. H. Bruns. 2,125,149–50; July 26.
Electronic indicating device. C. N. Kimball and E. W. Wilby. 2,124,740; July 26.
Elevating device for automotive vehicles. G. J. Blum. 2,124,726; July 26.
Emulsifying device. G. Lavine. 2,124,580; July 26.
Emulsion apparatus. H. S. McCray. 2,125,245; July 26.
Engine: *See*—
Duplex pumping engine. Rotary engine.
Internal combustion engine.
Engine. E. R. Jacoby. 2,124,702; July 26.
Engine control. D. R. Staples. 2,124,756; July 26.
Engine control, Internal combustion. L. C. Cox and J. Carisi. 2,125,066; July 26.
Engine cooling system and structure. C. L. Blanton. 2,124,523; July 26.
Ester composition containing dipropionate of a polyethylene glycol, Cellulose. L. W. A. Meyer. 2,124,884; July 26.
Evacuated receptacle. A. J. Kling. 2,125,113; July 26.
Exhibiting instrument. W. R. Schofield, Jr. 2,124,832; July 26.
Explosive, Ammonium nitrate. T. W. Hauff and W. E. Kirst. 2,125,161; July 26.
Eyeglass repair device. F. C. Bradley. 2,124,903; July 26.
Fabric: *See*—
Elastic fabric. Knitted elastic fabric.
Fastener: *See*—
Sash cord fastener.
Fats and method for preventing rancidity, Stabilized. D. J. Maveety. 2,124,706; July 26.
Fats and oils, Stabilization of animal and vegetable. P. L. Salzberg. 2,124,749; July 26.
Feeder for reversible fluid systems. D. R. Hillis. 2,124,948; July 26.
Feeding mechanism for printing presses. I. L. Rheutan. 2,125,199; July 26.
Fender skirt, Ornamental. G. A. Lyon. 2,124,790; July 26.
Film, Manufacture of lenticular stencil. G. Heymer. 2,125,162; July 26.
Film surfacing machine, Motion-picture. K. R. Hoyt. 2,125,260; July 26.
Filter: *See*—
Drum filter.
Fire extinguishing system and apparatus. J. C. Wood. 2,125,057; July 26.
Firearm, Automatic. R. Darne. 2,124,911; July 26.
Fish lure. F. A. Ozburn. 2,125,030; July 26.
Fish lure, Artificial. J. H. Johnson. 2,124,822; July 26.
Fishing reel. S. G. Russell and F. Burdick. 2,124,634; July 26.
Fishing reel, Automatic. F. M. Case, by L. H. Case. 2,124,524; July 26.
Fishing tool, Water circulating. W. J. Flury. 2,124,772; July 26.
Fitting for suspenders, End. F. A. Knoll. 2,124,671; July 26.
Flame machining, Method of. W. J. Jacobsson and M. J. Harris. 2,125,182; July 26.
Flame machining, Method of. H. E. Serner. 2,125,180–1; July 26.
Flare. L. L. Driggs, Jr. 2,124,876; July 26.
Flashlight and circuit tester, Combined. E. O. Scheerer. 2,124,715; July 26.
Flashlight, One-hand focusing. E. H. Tompkins and I. T. Holihan. 2,125,038; July 26.
Fluid control device. A. F. Pieper. 2,124,747; July 26.
Fluid controlling mechanism for weighing scales. A. E. Bennett. 2,124,811; July 26.
Fluid pressure motor. F. F. T. Flint. 2,124,735; July 26.
Fluid valve. A. Bowland. 2,125,253 July 26.
Fluids, Apparatus adapted for the propulsion of. N. Barna. 2,124,901; July 26.
Fluorides, Manufacture of alkali metal beryllium. G. Jaeger. 2,125,026; July 26.
Flushing device. F. J. Schuler. 2,124,798; July 26.
Focusing mechanism for interchangeable lenses. J. Mihalyi. 2,124,885; July 26.
Folding ironing board. E. A. Cooper. 2,124,765; July 26.
Foodstuffs, suitable for chickens and the like. E. Hellinger. 2,124,820; July 26.
Forging die. P. W. Dempsey. 2,125,068; July 26.
Form clip. F. G. Kugel. 2,124,982; July 26.
Form, Hat. J. M. Benninger. 2,125,098; July 26.
Form, Shoe display. W. L. Wardell. 2,124,644; July 26.
Forming head arrangement. F. E. Weller. 2,124,864; July 26.
Forms, Manufacture of insulation. J. W. Morgan. 2,124,745; July 26.
Founding apparatus and method. A. W. Merrick 2,125,080; July 26.
Frame: *See*—
Knitting frame. Umbrella frame.
Fruit and vegetable cutter. W. E. and J. R. Urschel. 2,124,935; July 26.
Fruit treatment, Dried drupaceous. H. D. Rey. 2,124,896; July 26.
Furnace: *See*—
Soaking pit furnace.
Furnaces, Construction for. H. A. Morlock. 2,125,193; July 26.
Furnaces, Method and apparatus for producing neutral atmosphere in heat treating. J. A. Comstock. 2,124,764; July 26.
Furnaces, Patching interior surfaces of. F. W. Winkler, F. X. Mooney, C. R. Kuzell, and M. T. Mounts. 2,124,865; July 26.
Fuse plug. J. Corser. 2,124,813; July 26.
Game apparatus. W. R. Edgeworth. 2,125,236; July 26.
Game apparatus. A. Ellis. 2,124,941; July 26.
Garment. C. S. Wagner. 2,124,721; July 26.
Gas and liquid contact apparatus and method. F. Denig and H. A. Gollmar. 2,125,190; July 26.
Gas and liquid contact apparatus and method. F. Denig and H. A. Gollmar. 2,125,263; July 26.
Gas tank locking cap. H. W. Burton. 2,125,012; July 26.
Gaseous discharge device, Electrical. P. L. Spencer, 2,124,682; July 26.
Gases, Treatment of hydrocarbon. H. V. Atwell. 2,125,235; July 26.
Gate: *See*—
Water gate.
Gauge. F. S. Gruver. 2,125,016; July 26.
Gauge: *See*—
Line-up gauge.
Gear: *See*—
Draft and buffing gear. Valve gear.
Generator: *See*—
Electric wave generator.
Geometrical instrument. C. U. Tyrrell. 2,124,659; July 26.
Glass clearing device, Window. E. K. McNeal. 2,124,925; July 26.
Glass, Method and apparatus for feeding. W. L. McNamara. 2,125,079; July 26.
Glass, Structural. F. L. Wright. 2,124,809; July 26.
Glassworking machine. H. N. Halvorsen. 2,125,017; July 26.
Glow cathode. W. Espe. 2,125,105; July 26.
Golf club. G. E. Barnhart. 2,124,534; July 26.
Governing means for injection pumps. G. J. Trapp. 2,125,210; July 26.
Governor. H. G. Adler. 2,125,011; July 26.
Governor, Windmill. A. J. Evans. 2,125,222; July 26.
Grate for coal, Disk roller classifying. H. Köhler. 2,124,856; July 26.
Grease dispensing apparatus. R. M. Bagley. 2,125,258; July 26.
Grease dispensing means. R. M. Bagley. 2,125,259; July 26.

Grinder, Cylinder. R. C. Benner and R. L. Melton. 2,125,061; July 26.
Grinder, Tool. A. O. Schaefer. 2,124,592; July 26.
Grinding machine. A. O. Schaefer. 2,124,593; July 26.
Guns, Transporting. A. Krum. 2,125,186; July 26.
Gyroscope. J. Fleux. 2,124,817; July 26.
Hair cutting implement, Motor driven. B. R. Nyhagen. 2,124,985; July 26.
Hammer, Internal combustion percussive. C. L. Charles. 2,125,013; July 26.
Hand trap. A. Johnsen. 2,124,738; July 26.
Hanger: *See*—
Drapery hanger.
Head for heat exchangers, Floating. W. A. Stover. 2,125,132; July 26.
Heater for vehicles, Windshield. J. P. Dillon. 2,125,154; July 26.
Heating element, Electrical. D. Mackenzie. 2,125,075; July 26.
Heel-seat forming machine. M. Cuozzo. 2,124,546; July 26.
Heels to shoes, Attaching. M. Cuozzo. 2,124,545; July 26.
Holder: *See*—
Display holder. Tackless display holder.
Ironing board cord holder.
Hook: *See*—
Casing hook. Printer's register hook.
Hook for attaching grass catchers to lawn mowers, Snap. E. H. Strutz. 2,124,835; July 26.
Hub liner, Full floating. J. P. Kivlen and G. E. Strohl. 2,125,028; July 26.
Hydraulic device. R. Sykora. 2,124,800; July 26.
Hydrocarbons, Conversion of. A. V. Grosse. 2,124,566–7; July 26.
Hydrocarbons, Conversion of. J. C. Morrell. 2,124,583; July 26.
Hydrocarbons, Conversion of. J. C. Morrell. 2,124,585; July 26.
Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. 2,124,584; July 26.
Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. 2,124,586; July 26.
Hydrocarbons, Treatment of. P. H. Sullivan. 2,125,233; July 26.
Ice cream enrober. R. Ingham. 2,125,112; July 26.
Identification device, Child. T. W. Ransom. 2,125,052; July 26.
Ignition system and sparking plug for internal combustion engines, Electric. W. B. Smits. 2,125,035; July 26.
Ignition system, Electric. L. P. Kongsted. 2,124,528; July 26.
Images on curved surfaces, Method and apparatus for reproducing. G. S. Rowell. 2,124,711; July 26.
Impulse repeater system, Polar. W. T. Powell. 2,124,848; July 26.
Impulse repeating system, Polar. F. W. Brixner. 2,124,847; July 26.
Index panel and card carrier combination, Card. G. C. Brainard. 2,124,904; July 26.
Indicating means for cameras. L. H. Moomaw. 2,124,887; July 26.
Indicating system for motion picture apparatus. L. R. Martin. 2,124,883; July 26.
Ink-marking and perforating machine, Combined. A. W. Altvater and F. Wunder. 2,124,870; July 26.
Interlocking system for railroads. E. C. Larry and A. Langdon. 2,125,242; July 26.
Internal combustion engine. A. M. Anderson. 2,125,213; July 26.
Internal combustion engine. W. B. Bidwell. 2,124,604; July 26.
Internal combustion engine. M. A. Palen. 2,125,195; July 26.
Iron and improvement in the handle portion thereof, Electric. A. Ruelland. 2,124,713; July 26.
Iron and other materials, Manufacturing cast. C. P. Bratasiuu. 2,124,905; July 26.
Iron, Electric. P. J. McCullough. 2,124,984; July 26.
Ironer, Cabinet. E. Engel. 2,124,972; July 26.
Ironer, Cabinet. A. J. Shute. 2,124,987; July 26.
Ironing board cord holder. B. Lieberman. 2,125,188; July 26.
Ironing machine, Cabinet. A. J. Shute. 2,124,988; July 26.
Jacket, Foundry. W. J. Spensley. 2,124,639; July 26.
Joint: *See*—
Universal joint.
Joint setting apparatus, Expansion. G. T. Nelson. 2,125,194; July 26.
Ketals. W. H. Carothers and H. B. Dykstra. 2,124,686; July 26.
Kiln and the art of dry kilning, Dry. J. F. Cobb. 2,124,845; July 26.
Kite, Airplane. W. A. Wood. 2,124,992; July 26.
Knife. W. Foltz. 2,124,615; July 26.
Knife sharpening device. G. Barsch. 2,124,646; July 26.
Knitted elastic fabric, Circular. K. G. Douglas. 2,125,255; July 26.
Knitting frame, Flat. R. Nebich. 2,124,890; July 26.
Knitting machine and operating same. A. Pass. 2,125,197; July 26.
Knock-down display device. J. V. Horr. 2,125,111; July 26.
Label placing method. J. B. Johnson. 2,124,670; July 26.
Latch: *See*—
Door latch.
Leather finish, Imitation. H. G. Kittredge. 2,124,703; July 26.
Leather, Method of and machine for stretching. N. Fried. 2,125,223; July 26.
Lens mount, Process. A. Murray. 2,124,889; July 26.
Lens, Ophthalmic. E. D. Tillyer. 2,125,056; July 26.
Letters and similar papers in letter sorting apparatus, Device for guiding and stacking. J. M. L. Marchand. 2,124,858; July 26.
Leveler, Land. J. R. Marvin. 2,124,625; July 26.
License plate illumination. D. L. Rioux. 2,124,829; July 26.
Light controlling mechanism for cameras. J. Mihalyi. 2,124,886; July 26.
Light fixture, Electric. H. J. Cook and G. E. Fitzgerald. 2,125,065; July 26.
Light sensitive apparatus. W. B. Wells. 2,124,807; July 26.
Lighting and observation port, Combined. G. P. Haynes. 2,125,021; July 26.
Light-sensitive system. D. D. Knowles. 2,125,073; July 26.
Line-up gauge. H. R. Trotter. 2,125,039; July 26.
Liquid container. F. D. Goll and J. K. Wareham. 2,124,565; July 26.
Liquid dispensing apparatus. I. R. Farnham, F. W. Sturm, and F. W. Mueller. 2,124,614; July 26.
Liquid dispensing apparatus. R. J. Jauch and B. J. Pepper. 2,124,681; July 26.
Liquid spraying device. H. L. Friedman and M. Pollock. 2,124,551; July 26.
Load loss meter. W. H. Pratt. 2,125,124; July 26.
Loader. S. F. Ossing. 2,125,007; July 26.
Lock: *See*—
Bicycle lock. Vise lock.
Door lock.
Electrically controlled lock.
Lock. J. Hammarle. 2,125,227; July 26.
Lock. E. N. Jacobi. 2,124,736; July 26.
Locking device for removable heels. G. H. Gillis. 2,125,158; July 26.
Loom: *See*—
Automatic loom.
Lubricant of high film strength. W. J. Marsh. 2,125,169; July 26.
Lubricants, Manufacturing. F. R. Moser. 2,124,628; July 26.
Luminous sign. H. O. Wolf. 2,125,009; July 26.
Machine and method for making knock-down boxes. S. Bergstein. 2,125,147; July 26.
Machine for making box blanks. A. L. Rosenmund. 2,124,796; July 26.
Machine for making fiber reed. G. E. Nordstrom and E. J. Holden. 2,124,926; July 26.
Machine for operating upon the bottoms of shoes. E. E. Winkley. 2,124,662; July 26.
Machine for producing traffic lines in concrete. F. Creason. 2,125,254; July 26.
Machine for testing golf balls and the like. W. W. Cranford and G. I. Butler. 2,124,731; July 26.
Machine tool. B. P. Graves and A. F. Bennett. 2,124,852; July 26.
Magnesium alloy. J. A. Gann. 2,124,552; July 26.
Magnesium alloy. J. A. Gann. 2,124,563; July 26.
Magnesium base alloy. W. O. Binder. 2,124,537; July 26.
Magnesium base alloy. J. A. Gann. 2,124,553–62; July 26.
Magnesium base alloy. J. D. Hanawalt and C. E. Nelson. 2,124,571–7; July 26.
Magnesium, Purifying. G. Schichtel. 2,124,957; July 26.
Magnets, Manufacturing permanent. A. Büchner, H. Neumann, and H. Reinboth. 2,124,607; July 26.
Match packet, Pull. P. W. Dietmann. 2,124,815; July 26.
Materials, Applying binding. D. C. Drill, C. L. Whitenack, and J. H. Gregory. 2,124,768; July 26.
Materials, Refining sulphurized organic. J. N. Borglin. 2,125,218; July 26.
Materials, Treatment of. W. J. Plews. 2,124,746; July 26.
Measuring and control apparatus. C. B. Moore. 2,125,081; July 26.
Measuring instrument. C. S. Evans. 2,124,550; July 26.
Mechanical movement and shredder. W. E. Urschel. 2,124,934; July 26.
Medicated pad. W. M. Scholl. 2,125,008; July 26.
Metal and similar alloys, Recovery of type. H. A. G. Gunnelius and N. H. Liander. 2,125,226; July 26.
Metal articles, Apparatus and method for testing. H. C. Knerr and A. R. Sharples. 2,124,578; July 26.
Metal articles for defects, Method and apparatus for testing. H. C. Knerr. 2,124,577; July 26.
Metal drawing device. L. H. Brinkman. 2,124,961; July 26.
Metal from the surfaces of metallic bodies, Apparatus for removing. H. W. Jones. 2,125,174; July 26.
Metal from a surface of a metal body, and the resulting product, Removing. H. W. Jones. 2,125,177; July 26.

Metal from the surfaces of metallic bodies, Method of and apparatus for removing. E. A. Doyle. 2,125,179; July 26.
Metal from the surfaces of billets or similar metal bodies and the product, Removing. H. W. Jones. 2,025,175; July 26.
Metal from the surfaces of metallic bodies, Apparatus for removing. H. W. Jones. 2,125,176; July 26.
Metal, Method and apparatus for working. A. W. Knudsen. 2,124,741; July 26.
Metal of billets or the like, Treating the defective surface. A. B. Kinzel. 2,125,172; July 26.
Metal of billets or the like, Apparatus for treating the defective surface. A. B. Kinzel. 2,125,173; July 26.
Metal purification. H. N. Gilbert and N. D. Clarke. 2,124,564; July 26.
Metal stock, Rolling composite. T. B. Chace. 2,125,153; July 26.
Metal to an object, Preventing the adherence of molten. B. F. Davidson and C. F. Morse. 2,125,067; July 26.
Metals, Electrodeposition of. W. J. Harshaw and K. E. Long. 2,125,229; July 26.
Metallic articles, Method of and apparatus for testing. H. C. Knerr and A. R. Sharples. 2,124,579; July 26.
Metalworking machine. F. H. Le Jeune. 2,124,923; July 26.
Meter: *See*—
Load loss meter.
Mill: *See*—
Pellet mill. Vertical mill.
Mineral mixture, Formed. M. D. Knapheide, P. Caldwell, and W. P. Elmslie. 2,124,950; July 26.
Miter forming device for curtains and the like. D. H. Rosenberg. 2,124,714; July 26.
Mold: *See*—
Permanent mold.
Mold and forming faced building units, Building block. M. W. Bradbyer. 2,124,759; July 26.
Molding device. H. L. Decker. 2,124,733; July 26.
Motor: *See*—
Electric motor. Submersible motor.
Fluid pressure motor. Suction motor.
Motor for operating a fluid sprinkling system. J. Rust and A. Dyksterhuis. 2,124,797; July 26.
Motor starting control system. R. H. Wright. 2,125,140; July 26.
Mounting for pulley structures, Pivotal. W. D. Hamerstadt. 2,125,004; July 26.
Mounting strip for lathe stays. E. F. Smith and G. K. Wilson. 2,124,966; July 26.
Mowing machine. I. J. Richards. 2,124,632; July 26.
Muffler. L. L. Haas and G. C. Starkweather. 2,124,916; July 26.
Muffler. G. C. Starkweather. 2,124,933; July 26.
Needle, Larding. D. W. Hartzell. 2,124,700; July 26.
Negatives, Correction of. W. J. Wilkinson. 2,124,679; July 26.
Net, Fish. R. V. Norris and O. G. Avery. 2,124,952; July 26.
Oar. W. Meienreis. 2,125,029; July 26.
Oil and fat deodorization. R. C. Newton and W. F. Bollens. 2,124,707; July 26.
Oil and gas burner, Combination. J. S. Zink. 2,124,940; July 26.
Oil and manufacturing the same, Lubricating. L. B. Turner. 2,124,598; July 26.
Oil burner, Electrically ignited distillate. J. Jensen. 2,125,166; July 26.
Oil burning equipment. G. P. Haynes. 2,125,019–20; July 26.
Oil, Refining mineral. J. A. Buchel and R. N. J. Saal. 2,124,606; July 26.
Oil spray, Insecticidal. H. Knight. 2,124,782; July 26.
Oil, Treating hydrocarbon. H. V. Atwell. 2,125,234; July 26.
Oils, Purification of used lubricating. A. S. de Stagni. 2,124,814; July 26.
Oils, Treating mineral. F. R. Moser. 2,124,531; July 26.
Opener and dispenser, Can. T. H. Gerdes. 2,125,002; July 26.
Opener, Can. P. Culinovic. 2,124,732; July 26.
Opener, Receptacle. S. Batdorf. 2,124,522; July 26.
Operating device for closures. M. S. Kirkpatrick. 2,125,183; July 26.
Operating mechanism for doors. J. A. Youngblood. 2,125,142; July 26.
Oscillation system. R. H. Seaman and C. A. Schwenden. 2,124,595; July 26.
Package. F. Roselius. 2,124,930; July 26.
Packer for oil wells. G. Hurst. 2,125,231; July 26.
Packing assembly. M. G. Kurth. 2,124,623; July 26.
Packing devices, Method and apparatus for producing. G. Ruegenberg. 2,124,931; July 26.
Pad: *See*—
Medicated pad.
Paint. O. F. Gargen and C. J. Ernst. 2,125,237; July 26.
Paper and impregnating it with a resinous binder and the product, Producing pigmented. G. H. Mains. 2,125,076; July 26.
Paper, Art and machine for working. D. M. McBean. 2,124,582; July 26.
Paper handling machine. R. Hitchcock. 2,124,855; July 26.
Paper product, Gummed. F. W. Humphner. 2,125,241; July 26.
Parachute construction. J. H. Pool. 2,125,198; July 26.
Paraffin scraper. P. M. Rea. 2,124,869; July 26.
Peephole device. W. Frankel. 2,124,525; July 26.
Pellet mill. E. T. Meakin. 2,124,744; July 26.
Pendant receptacle. R. G. Bennett. 2,124,943; July 26.
Permanent mold. M. A. Beckmann. 2,124,998; July 26.
Phenol-aldehyde resins, Moldable. J. Schmitz. 2,124,532; July 26.
Phonograph. D. I. Coney. 2,125,100; July 26.
Photographic developer. J. H. Christensen. 2,124,608; July 26.
Photographic enlarging and printing machine. P. S. Pirmov. 2,124,954; July 26.
Photographic material and using the same, Multicolor. B. Gaspar. 2,125,015; July 26.
Photography, Color. J. Eggert and B. Wendt. 2,124,612; July 26.
Piezoelectric crystal apparatus. R. A. Sykes. 2,124,596; July 26.
Pineapple, Preparing. H. D. Rey. 2,124,895; July 26.
Pipe transporting machine, Irrigation. M. A. Balaam. 2,125,252; July 26.
Pipe valve, Dry. W. K. Hodgman, Jr. 2,124,995; July 26.
Piston for horizontal cylinders. J. Goostray. 2,124,527; July 26.
Piston of the removable head type. W. R. Mansfield. 2,125,244; July 26.
Piston ring expander. J. T. Roberts. 2,124,794; July 26.
Piston ring groove cleaner. W. Vaughan. 2,124,757; July 26.
Plaits, Device and method for forming. E. Chessler. 2,124,650; July 26.
Plaster materials, Producing. D. De F. Crandell. 2,125,046; July 26.
Plow. C. S. Stewart. 2,125,036; July 26.
Plow, Snow. H. Peter. 2,124,927; July 26.
Plug: *See*—
Fuse plug. Well cementing plug.
Plug for insertion in walls and other places. W. W. Hamill. 2,125,018; July 26.
Point operating mechanism for railways and the like, Trailable. A. G. Kershaw. 2,124,739; July 26.
Poultry, Method and apparatus for dipping. A. W. DeVout. 2,124,691; July 26.
Power system, Electric. B. D. Bedford. 2,125,097; July 26.
Power system, Electric. W. W. Kuyper. 2,125,115; July 26.
Power transmission system, Electric. B. D. Bedford. 2,125,096; July 26.
Press: *See*—
Collapsible tube extruding press.
Press control, Plural. J. F. Shepard. 2,124,898; July 26.
Pressure casting die. N. Lester and A. E. Weiss. 2,124,529; July 26.
Priming composition. G. C. Hale and W. H. Rinkenbach. 2,124,568–70; July 26.
Printer's register hook. W. F. Brügmann. 2,124,728; July 26.
Printing machine, Basket. E. C. Nissen. 2,124,792; July 26.
Projector, Motion picture. W. J. Morrissey. 2,124,587; July 26.
Projectors, Control apparatus for motion picture. W. M. Haliburton and R. K. Vandette. 2,124,917; July 26.
Propeller. T. A. Dicks. 2,124,548; July 26.
Propeller. R. P. Lansing. 2,125,187; July 26.
Propeller. E. D. McNeal. 2,124,791; July 26.
Propeller blade. T. A. Dicks. 2,124,549; July 26.
Propeller blade pitch setting device. W. W. Burrington. 2,124,760; July 26.
Propulsion mechanism for aircraft. R. H. Burgess. 2,125,063; July 26.
Protective means for fan cooled rectifiers and the like. E. A. Harty. 2,125,110; July 26.
Protector: *See*—
Electric circuit protector.
Pump: *See*—
Rotating bowl pump. Rotary vane pump.
Pump. A. A. Aldridge. 2,125,041; July 26.
Pump blade, Rotary. J. B. Breisford and J. M. Roth. 2,124,539; July 26.
Rack: *See*—
Shoe rack.
Rack. H. Gingell. 2,124,656; July 26.
Rack for refrigerators. R. P. Considine. 2,125,000; July 26.
Radiator for aeroplane engines. L. M. Lachasse. 2,124,787; July 26.
Radio direction finder, Visual indicating. H. N. Coulter and G. R. Fisher. 2,124,544; July 26.
Radius turning apparatus. G. A. Bells. 2,124,902; July 26.
Railway switch. J. Knight. 2,124,804; July 26.
Razor, Safety. T. C. Trippe. 2,125,135; July 26.
Receiving apparatus for communication systems. W. P. Place. 2,124,806; July 26.
Receptacle: *See*—
Evacuated receptacle. Refuse receptacle.
Pendant receptacle.
Reclosing device for circuit breakers, Automatic. G. D. Gamel. 2,125,157; July 26.

Record, Gramophone. W. O. Herrmann. 2,124,701; July 26.
Recorder and control system. L. Behr, A. J. Williams, Jr., and J. V. Adams. 2,124,684; July 26.
Recording instrument. T. de Port. 2,124,547; July 26.
Rectifier and making same. K. E. Schimkus. 2,124,752; July 26.
Reel: *See*—
Fishing reel.
Refining process. S. P. Miller. 2,124,860; July 26.
Reflector. C. A. Persons. 2,124,793; July 26.
Refractory construction for furnaces. H. A. Morlock. 2,125,192; July 26.
Refrigerating apparatus. A. O. Grooms. 2,125,070; July 26.
Refrigerating method and apparatus. H. J. Krackowizer 2,124,981; July 26.
Refrigerator. H. F. MacGrath. 2,124,857; July 26.
Refuse receptacle. L. Mongiello. 2,125,122; July 26.
Registering apparatus particularly applicable to totalizators. J. Handley. 2,124,697; July 26.
Regulator: *See*—
Window regulator.
Reinforcement for glass block structures. C. H. Specht. 2,124,799; July 26.
Remote control system. P. H. Crago. 2,124,651; July 26.
Reservoir desk stand. N. D. Fish. 2,124,771; July 26.
Resins, Artificial. W. M. Quattlebaum. 2,124,630; July 26.
Rheostat for an electrical battery indicator. B. H. Campbell. 2,125,219; July 26.
Roll for ironers, Multispeed. J. W. Jensen. 2,124,977; July 26.
Roller bearing. A. H. Oelkers. 2,124,953; July 26.
Rolling under controlled tension, Reversible. E. B. Hudson. 2,124,880; July 26.
Roofing, Metal. K. Roth. 2,124,830; July 26.
Rope tying machine. C. E. Evans. 2,124,770; July 26.
Rosin, Polymerization of. A. L. Rummelsburg. 2,124,675; July 26.
Rotary engine. W. Chisholm. 2,124,542; July 26.
Rotary vane pump. H. M. Hanson. 2,124,918; July 26.
Rotating bowl pump. H. Föttinger. 2,124,914; July 26.
Rubber products. L. Gaisman. 2,124,774; July 26.
Runner for trolley devices, Insulated. N. A. Wahlberg. 2,125,092; July 26.
Safe. I. J. Wasley. 2,125,139; July 26.
Sash cord fastener. E. H. Carlson. 2,125,152; July 26.
Sausage skins, Producing artificial. G. Huckfeldt and A. Bergmann. 2,125,025; July 26.
Scraping device for containers. D. Reid. 2,124,929; July 26.
Seat adjuster. E. G. Simpson and A. C. Andersen. 2,124,754–5; July 26.
Self-loading vehicle. E. C. Lench and O. F. Manthie. 2,124,624; July 26.
Serum, Concentrating. G. W. Little and A. J. Klein. 2,124,951; July 26.
Sewing machine. N. V. Christensen, H. Hacklander, and H. J. Le Vesconte. 2,125,044; July 26.
Sewing machines, Presser-foot for. F. M. Card. 2,125,043; July 26.
Shackle. L. G. Ehmann. 2,124,912; July 26.
Sharpener, Knife. G. Hammond. 2,124,878; July 26.
Shears, Pruning. F. H. Blodgett. 2,125,217; July 26.
Sheet-handling apparatus. H. H. Talbot. 2,124,678; July 26.
Shim, Laminated. E. L. Young. 2,124,866; July 26.
Shirt detachably combined with collar. T. L. Shepherd. 2,125,033; July 26.
Shoe and making same. J. Klaubauf. 2,124,621; July 26.
Shoe bottom filler. H. G. Halloran. 2,124,819; July 26.
Shoe bottoms, Machine and method for applying pressure to. S. J. Finn. 2,124,654; July 26.
Shoe rack. W. Barnett. 2,124,645; July 26.
Shoes, Making. S. Bown. 2,124,727; July 26.
Shoemaking. F. W. Drew. 2,124,653; July 26.
Side bearing. A. B. Severn. 2,124,958; July 26.
Sighting gear. C. E. P. Gourdou. 2,125,225; July 26.
Sign: *See*—
Luminous sign.
Sign. O. W. Harms. 2,124,698; July 26.
Signal for railroads, Light. O. S. Field. 2,125,257; July 26.
Signals, Apparatus for the control of highway crossing. B. Mishelevich. 2,124,626; July 26.
Signaling apparatus, Traffic or direction. B. C. and E. A. Robberson. 2,125,200; July 26.
Signaling, Railway. J. J. Vanhorn. 2,124,660; July 26.
Silk, Manufacture of artificial. J. J. Polak and J. G. Weeldenburg. 2,125,031; July 26.
Sirups and like liquids, Device for dispensing. D. Mayne. 2,124,924; July 26.
Skate clamp. H. F. Whitcomb, Jr. 2,124,724; July 26.
Slug casting machine, Typographical. C. A. Albrecht. 2,124,664–5; July 26.
Socket, Lamp. C. McL. Moss. 2,125,082; July 26.
Socket, Screw. A. E. Grant. 2,124,616; July 26.
Socket, Snap fastener. D. I. Reiter. 2,125,125; July 26.
Soaking pit furnace, Recuperative. W. A. Morton and H. F. Spencer. 2,124,888; July 26.
Sole and heel, Rubber. W. L. Pipes. 2,124,986; July 26.
Soles, Making cushion. J. C. Givren. 2,125,238; July 26.
Sound reproducing mechanism. J. Puma. 2,124,673; July 26.
Speed comparing device. R. B. Lewis. 2,125,117; July 26.
Speed controller for automotive vehicles. J. C. Abele. 2,124,683; July 26.
Spindle. R. Leclerc. 2,125,168; July 26.
Spout and metering unit, Can. J. R. Kent. 2,124,980; July 26.
Spring and spring structure for cushioned seats and backs, Wire. M. Freund. 2,124,655; July 26.
Spring assembly. W. W. Gleason. 2,124,695; July 26.
Spring cushion unit and making. G. A. Stackhouse. 2,124,640; July 26.
Spring structure. G. A. Stackhouse. 2,124,641; July 26.
Stake and pulling and driving means therefor. L. A. Shrewsbury. 2,125,204; July 26.
Stand: *See*—
Reservoir desk stand.
Starch, Manufacture of. A. H. Kelling. 2,124,779; July 26.
Starter, Engine. R. Chilton. 2,124,812; July 26.
Statistical machine. J. W. Bryce. 2,124,906; July 26.
Steel, Process of heat treating. E. L. Robinson. 2,125,128; July 26.
Step, Safety folding. A. R. Pool. 2,125,085; July 26.
Stocking. J. Kugelman. 2,125,114; July 26.
Stoker. R. E. Stevenson. 2,125,054; July 26.
Stoker, Traveling belt. H. L. White. 2,124,661; July 26.
Stoner, Vacuum peanut. H. E. Suggs. 2,125,207; July 26.
Stopper and making the same. A. R. Mottur. 2,125,123; July 26.
Strip, Producing a staple. M. Vogel. 2,125,211; July 26.
Submersible motor. W. Dolgoff. 2,124,610; July 26.
Suction motor. E. V. Hennecke. 2,125,262; July 26.
Supervisory control system. L. D. White. 2,125,093; July 26.
Surfacing machine. W. O. Locklin. 2,124,705; July 26.
Surge suppressor apparatus and system. S. L. Kerr. 2,124,619; July 26.
Surprinting. W. J. Wilkinson. 2,124,680; July 26.
Switch: *See*—
Electric switch.
Railway switch.
Thermostatic control switch.
Switch controlling apparatus, Railway. N. F. Agnew and C. M. Hines. 2,124,601; July 26.
Switch for use in telephone or like systems, Automatic. R. N. Saxby. 2,124,750; July 26.
Switching device, Electric. E. J. Gachet and H. E. Humphries. 2,124,694; July 26.
Tackless display holder. T. R. Thomas. 2,125,208; July 26.
Take-up and rewind assembly for motion picture projectors. O. Wittel. 2,124,938; July 26.
Tank for airplanes and the like, Airfoil fuel. J. Akerman. 2,124,867; July 26.
Tap and tap assembly for dancers, Side. S. Capezio. 2,124,908; July 26.
Telephone system. H. Engel. 2,124,913; July 26.
Telephone system. W. C. Phebus. 2,124,709; July 26.
Television communicator. A. McL. Nicolson. 2,125,006; July 26.
Temperature regulator and distributor, Fuel. O. C. Betry. 2,125,216; July 26.
Terminal for electric cables. C. L. Marks. 2,125,121; July 26.
Terminal for meters, Blade. T. D. Barnes and W. G. Mylius. 2,125,060; July 26.
Terracing device. R. C. Thompson. 2,125,134; July 26.
Testing machine, Universal. B. L. Lewis. 2,125,116; July 26.
Therapeutic composition. J. H. Wright. 2,125,212; July 26.
Thermostat. W. W. Robinson. 2,124,633; July 26.
Themostatic control switch. A. Christensen. 2,124,999; July 26.
Thread, Apparatus for forming rubber. T. L. Shepherd. 2,125,034; July 26.
Threads, Method of and apparatus for manufacturing rubber. H. Schüller, E. Matzner and A. Kallich. 2,124,636; July 26.
Threads or filaments of artificial silk and the like, Production or manufacture of. T. L. Shepherd. 2,125,032; July 26.
Threads, Production of caoutchouc. H. Schüller, E. Matzner and A. Kallich. 2,124,637; July 26.
Tire tread, Pneumatic. G. Hubach. 2,124,821; July 26.
Tire tool. G. W. Teter. 2,124,836; July 26.
Tobacco mass, Device for distributing. E. R. Dahlström and K. E. Granstedt. 2,124,910; July 26.
Tongs. J. F. Apfel and R. S. Jarrett. 2,125,214; July 26.
Tool: *See*—
Cutting tool.
Fishing tool.
Machine tool.
Tire tool.
Turning and boring tool.
Wire strapping tool.
Tool control, Photoelectric machine. T. H. Long. 2,125,074; July 26.
Tool for operating on shoes. C. G. Brostrom. 2,124,649; July 26.
Tools, such as drills or the like, Method of and device for cooling dental. W. Roos. 2,124,831; July 26.
Tooth brush. G. A. Bauler. 2,124,647; July 26.
Topping mechanism. J. H. Murch. 2,124,588; July 26.

Toy walking animal. W. E. Davis. 2,124,667; July 26.
Tractor hitch. C. Christiansen. 2,125,014; July 26.
Traffic controlling system for railroads, Centralized. D. F. De Long. 2,124,846; July 26.
Trailer coupling, Automobile. D. S. Weiss. 2,124,839; July 26.
Transfer device. W. F. Knebusch and F. F. Hillix. 2,124,576; July 26.
Transformer cooling system. F. J. Vogel. 2,125,138; July 26.
Transformer, Coupling. H. T. Lyman. 2,125,119; July 26.
Transmission for multiple motor drives, Selective clutch. J. A. Scott. 2,124,833; July 26.
Trap: *See*—
Hand trap.
Traveling bag. A. Levine. 2,125,051; July 26.
Truck body of the walk-in type, Refrigeration. B. S. Snowden. 2,125,205; July 26.
Truck construction, Vehicle. O. K. Kjolseth. 2,125,184; July 26.
Tube: *See*—
Collapsible tube.
Tube ends, Device for finishing. J. G. McMahon. 2,124,743; July 26.
Tube for ice can agitation, Drop. J. C. Koch and H. T. Holbrook. 2,124,622; July 26.
Tubes, Device for extracting contents from. A. R. Bunting. 2,124,907; July 26.
Tubing, Manufacture of rubber. R. R. Cowen and C. L. Silvia. 2,125,001; July 26.
Turning and boring tool, Adjustable. F. C. Jearum. 2,125,005; July 26.
Umbrella frame, Telescopic. A. Zierold and K. Kortenbach. 2,124,842; July 26.
Underreamer, Rotary. F. Wintemute. 2,124,663; July 26.
Universal joint. H. Wollner. 2,124,803; July 26.
Valve: *See*—
Drain valve.
Fluid valve.
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Valve. W. Turnwald. 2,125,137; July 26.
Valve control means for collapsible material holding tubes. J. W. Young. 2,124,841; July 26.
Valve control system. G. W. Penney. 2,125,083; July 26.
Valve core. F. S. Boroughs. 2,124,844; July 26.
Valve gear. C. E. Hathaway. 2,125,160; July 26.
Valve stem. J. C. Crowley. 2,124,909; July 26.
Vane, Directing. K. D. McMahan. 2,125,120; July 26.
Vanity case. J. L. Younghusband. 2,125,040; July 26.
Vanity-case combined with handbag, Portable. M. P. J. Lambooy. 2,124,920; July 26.
Vapor discharge apparatus for high voltages, Metallic. A. Siemens. 2,125,131; July 26.
Vaporizer. J. B. Clyne. 2,124,543; July 26.
Vehicle: *See*—
Self-locking vehicle.
Vehicle body. P. E. Hawkins. 2,124,776; July 26.
Vehicles with turbo-transmissions, Operation for motor driven. O. H. Hacker and E. Selbold. 2,125,163; July 26.
Vent for electrolytic condensers. J. B. Brennan. 2,124,648; July 26.
Ventilator for motor cars and the like. J. Hedin. 2,125,023; July 26.
Vertical mill. H. H. Talbot. 2,124,677; July 26.
Vise lock. C. W. and T. Curle. 2,124,652; July 26.
Wall construction. J. Trojanowski. 2,125,136; July 26.
Wall edge framing structure. R. D. Haugaard. 2,124,775; July 26.
Washing apparatus. C. Schmid. 2,124,635; July 26.
Waste retainer for car journals. P. E. Yancey. 2,125,141; July 26.
Watch holder construction. W. L. Gross. 2,124,945; July 26.
Water gate, Rotatable. H. E. Smyser. 2,125,090; July 26.
Wave translating method and circuits. J. L. Fearing. 2,124,973; July 26.
Welder control system. F. H. Roby. 2,124,795; July 26.
Welding, Arc. J. A. Drain, Jr. 2,124,849; July 26.
Welding process. H. C. Drake. 2,124,850; July 26.
Well cementing plug. J. E. Pipes. 2,124,710; July 26.
Well surveying instrument. C. R. Nichols. 2,124,892; July 26.
Well tester. E. H. Cox. 2,124,766; July 26.
Wells, Apparatus for testing. D. Hanes. 2,125,159; July 26.
Wells, Treating. A. G. Loomis, H. T. Byck, and J. F. Fidiam, Jr. 2,124,530; July 26.
Wheel. F. C. Frank. 2,124,773; July 26.
Wheel ornamental disc. G. A. Lyon. 2,124,789; July 26.
Window regulator. W. J. Hall. 2,124,696; July 26.
Window, Vehicle ventilating. D. B. Lee. 2,124,922; July 26.
Wing for aircraft, Variable camber. R. H. Burgess. 2,125,064; July 26.
Wire or cable for the transmission of electrical energy, Insulated. E. D. Youmans. 2,124,993; July 26.
Wire strapping tool. B. L. Watt and J. J. Smith. 2,124,901; July 26.
Wrapping machine. D. M. Houpt. 2,125,024; July 26.
Wrapping or packaging device. J. L. Meyer. 2,125,246; July 26.
Yarn and making same, Effect. H. Hofmann. 2,125,230; July 26.

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CLASSIFICATION OF PATENTS

ISSUED JULY 26, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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288— 1: 2,124,526
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86: 2,124,772
295— 36: 2,124,953
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94: 2,125,023
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298— 22: Re.20,812
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28: 2,124,987
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178: 2,125,051
186: 2,124,857

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Reissues	13	No. 20,776 to No.	20,787, inclusive.
Patents	769	No. 2,122,394 to No.	2,123,162, inclusive.
Designs	94	No. 110,333 to No.	110,426, inclusive.
Total	1,062		

Disclaimers

1,960,010.—*Ernest Hopkinson,* New York, N. Y., and *Daniel F. Dalton,* Waterbury, Conn. MULTIPLE FASTENER. Patent dated May 22, 1934. Disclaimer filed June 2, 1938, by the assignee, *Talon, Inc.*

Hereby disclaims claim 4 in toto from the scope of said Letters Patent.

1,968,288.—*Carl W. Floss,* Detroit, Mich. VARIABLE SPEED TRANSMISSION. Patent dated July 31, 1934. Disclaimer filed June 13, 1938, by the patentee.

Hereby enters this disclaimer to claims 28 to 34 inclusive.

1,982,415.—*Herman G. Blevins,* Sewickley, Pa. METHOD AND APPARATUS FOR ELECTRICALLY WELDING PIPE. Patent dated November 27, 1934. Disclaimer filed June 8, 1938, by the assignee, *Republic Steel Corporation.*

Hereby disclaims from said patent claims 26 and 28.

2,055,728.—*Max Popper,* Brooklyn, N. Y. SEAM FOR GARMENTS. Patent dated September 29, 1936. Disclaimer filed June 11, 1938, by the assignee, *Topstitch Machine Corp.*

Hereby enters this disclaimer as to claims 1, 2, and 3 of said Letters Patent.

2,103,267.—*Ambrose J. Mandell,* Westfield, N. J. ALLOY FOR VACUUM TUBE ELEMENTS. Patent dated December 28, 1937. Disclaimer filed June 11, 1938, by the assignee, *Radio Corporation of America.*

Hereby enters this disclaimer of claims 9, 10, 12, and 13 of said Letters Patent.

2,110,866.—*Eugene F. Castles,* Glen Ridge, N. J. PILE FABRIC AND ITS METHOD OF MANUFACTURE. Patent dated March 15, 1938. Disclaimer filed June 15, 1938, by the assignee, *Collins & Aikman Corporation.*

Hereby enters this disclaimer to claims 6, 7, 8, 9, 10, and 11 in said specification.

2,110,867.—*Eugene F. Castles,* Glen Ridge, N. J. PILE FABRIC. Patent dated March 15, 1938. Disclaimer filed June 15, 1938, by the assignee, *Collins & Aikman Corporation.*

Hereby enters this disclaimer to claim 2 in said specification.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., June 8, 1938.*

Domestic Mills Company, Inc., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of North Star Woolen Mill Company, Minneapolis, Minn., to effect the cancellation of trade-mark registration No. 149,034, issued December 6, 1921, to Domestic Mills Company, Inc., 341 Middlesex Street, Lowell, Mass., and a notice of such proceeding sent by registered mail to said Domestic Mills Company, Inc., at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Domestic Mills Company, Inc., its assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business June 18, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 46,554; Trade-Mark Division, 1,641. Oldest new case, Nov. 2, 1937; oldest amended, Oct. 20, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Jan. 13	Jan 13	787
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Jan. 21	Jan. 12	994
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Apr. 12	Apr. 11	398
7063	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Feb. 25	Feb. 28	544
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Mar. 12	Mar. 14	635
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Jan. 28	Jan. 28	1,000
5725	7. JARBOE, C. G., Optics; Photography	Mar. 1	Mar. 1	938
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Mar. 5	Mar. 14	647
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Mar. 25	Mar. 28	420
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Feb. 8	Feb. 14	860
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Mar. 3	Mar. 1	542
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Nov. 22	†Nov. 22	1,009
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Feb. 10	Feb. 10	571
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Mar. 30	Mar. 30	544
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Feb. 23	Feb. 23	1,319
5716	16. SPENCER, C. J., Telegraphy; Telephony	Jan. 15	Jan. 21	968
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Feb. 10	Feb. 9	805
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Feb. 2	Feb. 9	504
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Feb. 25	Mar. 1	669
6005	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 4	Mar. 9	440
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Mar. 21	Mar. 22	529
4009	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Mar. 18	Mar. 18	638
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 2	†Oct. 20	322
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Mar. 19	Mar. 19	669
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Mar. 7	Mar. 8	606
5803	26. YOUNG, R. R., Electricity, Generation; Motive Power	Feb. 26	Feb. 18	553
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 3	†Dec. 28	1,065
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Mar. 9	Mar. 12	356
5062	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	†Dec. 23	†Dec. 20	1,013
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Jan. 21	Jan. 18	832
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Mar. 19	Mar. 19	593
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Mar. 12	Mar. 14	622
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Mar. 23	Mar. 15	759
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Mar. 11	Mar. 1	360
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 14	Mar. 18	674
7392	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Jan. 21	Jan. 29	572
4886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Jan. 13	†Dec. 10	942
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	†Dec. 22	†Dec. 22	831
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Feb. 21	Feb. 19	619
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Jan. 25	Jan. 26	1,493
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Mar. 10	Mar. 11	302
5882	42. CUTTING, H. O., Electric Signaling	†Dec. 15	†Nov. 19	775
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 1	Mar. 1	630
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Jan. 25	Jan. 20	747
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Feb. 15	Feb. 8	806
4613	46. TAYLOR, M., Evaporators; Finid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Feb. 19	Feb. 19	582
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Feb. 28	Feb. 26	692
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Mar. 7	Mar. 7	493
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	†Dec. 6	†Dec. 4	983
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Mar. 14	Mar. 14	680
5628	51. BACKUS, C. D., Radiant Energy	Mar. 15	Mar. 15	863
7709	52. KNOTTS, M. E., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Mar. 5	Mar. 9	853
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Feb. 25	Feb. 26	668
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Apr. 19	Apr. 19	426
4863	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Jan. 18	Jan. 18	1,067
4726	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Jan. 18	Jan. 18	1,041
6513	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horse-shoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Feb. 18	Feb. 21	498
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 21	367
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Mar. 15	Mar. 22	618
5806	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Feb. 4	Feb. 4	564
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Jan. 10	†Dec. 29	733
5621	62. PUGH, E. C., Games; Geometrical Instruments	Mar. 21	Mar. 2	500
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Mar. 25	Mar. 25	324
4706	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Feb. 14	Feb. 14	1,235
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Jan. 31	Feb. 1	681
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND	Trade-Marks: May 16	May 26	1,395
		Labels and Prints: June 1	June 3	246
2606	Designs, H. H. KALUPY	May 17	June 4	695

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

WATTS *v.* PRAEGER
PRAEGER *v.* WATTS

Nos. 3,842 and 3,843. Decided January 24, 1938

[93 F.(2d) 904]

INTERFERENCE—PRIORITY—RIGHT TO MAKE CLAIMS.

Disclosure in application of senior party W *Held* insufficient to support the claims in issue, and priority awarded to P.

APPEAL from the Patent Office. Modified.

Mr. Edward B. Beale (*Mr. Bruce K. Brown* of counsel) for Watts.

Mr. Cornelius D. Ehret and *Mr. Virgil E. Woodcock* (*Mr. Samuel E. Darby, Jr.*, of counsel) for Praeger.

GARRETT, *P. J.*:

We have here an interference proceeding in which appeals have been taken by both parties from the decision of the Board of Appeals of the United States Patent Office. Seven counts, numbered 1 to 7, inclusive, are involved. Priority was awarded the party Watts by both the Examiner of Interferences and the Board as to counts 1, 4, 5, 6, and 7. The Examiner of Interferences awarded priority to Watts as to counts 2 and 3 also, but this part of his decision was reversed by the Board and priority as to them awarded to the party Praeger.

Watts is the senior party. His application was filed February 2, 1928. The application of Praeger was filed November 22, 1930. Originally the Praeger application was filed as a joint application of Praeger and a party named Alcorn, but subsequently it was amended and Praeger was left as the sole claimant.

In the course of the proceedings in the Patent Office both applications became involved in a series of interferences to several of which there were, at times, other parties. Counts 1 and 2 of the issue before us were involved before the Examiner of Interferences in interference 65,623, count 3 in interference 65,624, and counts 4, 5, 6, and 7 in interference 65,625. When these three cases reached the Board all parties except Watts and Praeger had been eliminated. Upon motion of the party Watts the three interferences were consolidated and all the issues presented and decided in interference 65,623.

Of the several preliminary statements it need only be said of each that Praeger's claimed date of conception was more than a year subsequent to the filing date of the Watts application.

Praeger was placed under order to show cause why judgment of record should not be entered against him. He thereupon moved to dissolve on the ground that Watts was not entitled to make the counts. The respective tribunals of the Patent Office held as has been indicated, the Examiner of Interferences denying the motion with an award of priority to Watts on all counts and the Board of Appeals affirming as to counts 1, 4, 5, 6, and 7 but reversing as to counts 2 and 3 with an award of priority as to them to Praeger.

As the issue is presented here the question of priority is solely dependent upon the ancillary question of the right of Watts to make the counts.

All the counts are claims for an apparatus, or furnace, used in the oil refining industry. The application of Praeger is entitled "For Heat Transfer Systems"; that of Watts for "Improvement in Pipe Still."

As illustrative we quote counts 1 and 2:

1. Oil heating apparatus comprising a chamber containing a source of heat, a second chamber in communication with and traversed by hot gases from said first chamber, tubes in said second chamber containing oil to be heated and absorbing heat substantially solely by convection, tubes in said first chamber connected to said first tubes and absorbing heat by radiation and convection, and tubes connected to said other tubes and disposed adjacent the bottom of said first chamber below the path of said hot gases for absorbing heat substantially solely by radiation.

2. Oil heating apparatus comprising a heating chamber traversed by hot gases or products of combustion, roof tubes disposed within said heating chamber and absorbing heat by radiation and convection, and floor tubes disposed below the currents of hot gases or products of combustion for absorbing heat preponderantly by radiation, said tubes connected so that the oil therein flows through the said roof tubes and floor tubes in the order named.

It will be seen that the counts describe a structure which includes a combustion chamber and an additional chamber into which the products of combustion are led from the combustion chamber, certain banks of tubes being located in the respective chambers, those in the second chamber to be heated substantially solely by convection and one of those (the lower bank) in the first, or combustion chamber, to be heated substantially solely, or preponderantly by radiation.

As to all the counts we have the question of whether Watts discloses, as expressed in count 1, a bank of tubes connected with other tubes, with the first bank disposed adjacent the bottom of the combination chamber of the furnace "below the path of said hot gases for absorbing heat substantially solely by radiation," or, as expressed in many of the counts, "preponderantly by radiation."

Throughout the proceedings "substantially solely" and "preponderantly," we think properly, have been treated as having the same meaning, so far as this case is concerned. As to counts 2 and 3 an additional question is whether the disclosure of Watts supports the respective limitations requiring (in count 2) that the sets of tubes be connected "so that the oil therein flows through the said roof tubes and floor tubes in the order named," and (in count 3)

"so that the oil therein flows through the said roof tubes, wall tubes, and floor tubes in the order named."

It was because of the particular limitations quoted from counts 2 and 3 that the Board held Watts not entitled to make those counts.

For disclosure the party Watts is compelled, in our opinion, to rely upon the showing made in his drawings, particularly in Figure 1, together with such description thereof as his specification affords. The Board states:

> • • • The Watts specification briefly describes the structure and relationship of the parts but has nothing to say with respect to the heating principles involved in the utilization of his structure. Praeger's disclosure, on the contrary, dwells at great length on the principles of heat transfer, of which his organization makes use. These principles are somewhat involved in the counts on appeal. Watt's right to make the counts depends on whether or not heat transfer *inherently* takes place in his apparatus when used as contemplated in accordance with the principles recited in the claims. [Italics ours.]
>
> Appellant apparently does not question the readability of count 1 upon the Watts disclosure, in so far as it defines structure and relationship of the various sets of tubes, except the last. Appellant contends that the last set of tubes is not "below the path of the hot gases" and that it does not absorb heat "substantially solely by radiation" or as set forth in other counts, "preponderantly by radiation."

Figure 1 of the Watts drawing discloses a furnace having a combustion chamber divided from another chamber by a partition wall extending from the bottom of the structure to a point near its top, or roof. At the bottom of the combustion chamber is shown a triangular depression which is described in his specification as an ash pit, and much of the controversy here grows out of the existence of this element. Above the ash pit is a bank of tubes, designated by the letter A, which, were there no ash pit, would clearly be adjacent the bottom floor.

Another bank of tubes, indicated by the letter B, is shown higher up in the combustion chamber, apparently not separated by any wall or partition from the path of the fuel flames. Two banks of tubes are shown in the second chamber, and tubes also are shown in the roof and walls of the combustion chamber. Our concern is with the set of tubes designated by the letter A.

The specification of Watts teaches that the fuel used for heating the oil undergoing the cracking or refining process may be "gas, oil, powdered coal or other suitable fuel." Obviously, the ash pit is designed for use in collecting the ashes when powdered coal or other ash-producing fuel is used, and it is assumed that it would not be required when gas or oil is utilized as fuel. The drawing discloses an element in the lower side of the outside wall of the combustion chamber, designated by the numeral 18, which is stated in the specification to indicate three burners or burner tubes of any well-known construction for use of whatever fuel may be used. It is stated that the burners form no part of the claimed invention, and the specification says

> "It will suffice to say that these burners are adapted to inject the burning fuel into the combustion chamber 10 in the usual manner."

The only reference to the bank of tubes, A, found in the Watts specification reads:

> Bank A comprises nine tubes in series, referred to as the hearth bank and located at the bottom of the combustion chamber above the ash pit 14.

There is no reference in the Watts specification to heating by radiation or convection, those terms being nowhere used. In giving examples (two) of ways of using the still, it is recited that steam is introduced through certain designated pipes, which steam mixes with the oil entering a bank of tubes designated in the drawings by the letter G, and, as we understand the specification, the purpose of introducing the steam is to "superheat" the oil. It does not appear that the steam is introduced before, or during, the passage of the oil through the bank of tubes, A.

There is argument on behalf of Watts to the effect that certain claims, numbered 14 and 18, made originally in his application as filed, support disclosure. It is pointed out that those claims contain an element reading "a bank of oil tubes in said combustion chamber at the bottom thereof" and it is insisted that in this (particularly as expressed in claim 18 which does not call for an ash pit) there is

> "a clear intention to claim the floor tubes or hearth tubes which are the gist of this controversy."

Conceding this to be true, we are unable to find therein any suggestion as to the heating principle applied in heating the bank of tubes. The claims, taking them as a part of the disclosure, add nothing to the drawings in that respect.

It must be borne in mind that the heating principles involved are not statements of the functions of the tubes. The phrase defining the heating principle in the case of the lower bank of tubes comprises a definite limitation which requires that the tubes be located so that they will absorb the heat "substantially solely by radiation" or "preponderantly by radiation." It is a function applied to or operating upon the tubes.

The counts are for structure. The question of inherency of function must be determined from the structure as depicted in the drawings and the description of the relationship of parts in the specification. It is, therefore, important to note the precise differences in the structures shown by the respective parties. These differences lie in the existence of the ash pit in the Watts drawing, and in the showing made as to the means for the introduction of fuel into the combustion chamber. The fuel, whatever it may be, according to our understanding, is reduced to a gaseous state as it is introduced into the chamber, and the ignited gaseous element results in a flame. It is essential to meet the count that the bank of tubes, A, be disposed so that this flame passes above the tubes not heating them by convection, but leaving them, as it were, to be heated substantially solely or preponderantly by radiation from the walls of the chamber.

Convection, as applied in physics, is defined in Webster's New International Dictionary as "A process of transfer or transmission, as of heat, by means of currents in liquids or gases, resulting from changes of temperature and other causes;—distinguished from conduction and radiation." The same authority defines radiation as

> "Act or process of radiating, or state of being radiated; emission and diffusion of rays, as of light or heat,"

and gives as one definition of radiate, "To emit or send forth in rays, as heat."

There is nothing in the specification which defines the dimensions of the Watts ash pit. It is therein described as "sloping" and the drawing shows it triangular, each side sloping inwardly from top to bottom. Comparing it dimensionally, as shown in Figure 1 of his drawings, with the other parts of the combustion chamber, it is shown to be proportionately large and the bank of tubes, A, is directly above it, the upper plane of the pit being wider than the plane of the bank of tubes. Judging from the drawing, the bank of tubes, A, is as much above the extreme bottom of the pit as it is below the bank of tubes designated by the letter, B, above alluded to, and it is certainly not adjacent the bottom of the combustion chamber in the same relation thereto as the corresponding bank of tubes in the Praeger application.

When the drawing is examined with respect to the means by which the fuel is introduced, we find a flaring aperture, triangular in shape. The specification says that burners (not shown in the drawing) pass through the aperture, such burners being "adapted to inject the burning fuel into the combustion chamber 10 in the usual manner."

It seems to us that the line of passage of the flame with respect to the bank of tubes, A, must depend greatly upon the angle at which the flame enters the chamber. Praeger specifically teaches the introduction of fuel "generally under high pressure," and further teaches that his tubes adjacent the bottom "are for the greater part or substantially entirely out of the stream of natural flow; they are not to material extent washed or contacted by the moving gases, flame or burning mixture, and are, therefore, but slightly, if at all, convectively heated."

The tribunals of the Patent Office comment upon the tendency of the products of combustion to rise rapidly on account of their intense heat.

In its decision the Board said:

> As Watts points out in his brief, the furnace is subject to the draft of the stack and due to the fact that the products of combustion are extremely hot and tend to rise rapidly, if possible, we think the Examiner properly concluded that the products of combustion or hot gases would follow a path above the bank of tubes A and hence that this bank would absorb heat substantially solely by radiation. It would certainly be preponderantly by radiation for the reason that, on appellant's own argument, absorption in this manner takes place according to the fourth power of the differential involved, whereas by convection it takes place according to the first power. The absorption, therefore, would be preponderantly by radiation, even if the tubes were bathed in flame. The only limitation, therefore, about which there appears to be possible question is that relating to the relative location of the floor bank to the path of the hot gases. It seems to us that the path followed would be as above indicated and would not substantially contact the tubes.

The precise meaning of the Board's statement respecting absorption taking place

> "according to the fourth power of the differential involved, whereas by convection it takes place according to the first power"

is not understood by us and we are not able to agree that if the tubes were bathed in flame they would still be heated preponderantly by radiation.

Our attention has not been directed to, nor have we been able to find any case decided by any court which seems to be on all fours with the case at bar. In our decision in the case of *Coast, Jr.*, v. *Dubbs*, 24 C. C. P. A. (Patents) 1023, 88 F.(2d) 734, 483 O. G. 719, there were involved certain method counts and the principal question presented was whether the method was inherent in the Dubbs apparatus. We affirmed the decision of the Board of Appeals, holding that it was prima facie inherent, and that the burden rested upon Coast to show that it was not inherent. In that case, however, the drawing and its description in the specification were not alone relied upon, but the specification was found to contain certain pertinent descriptive matter showing "distillation at atmospheric pressure" which it was thought inherently resulted in "flashing."

Here we have counts involving not method but structure and there is nothing in the Watts specification which suggests anything as to the manner in which the tubes are heated.

So far as the record discloses, no furnace has ever been constructed in conformity with the counts. There is a statement in the brief for Watts that a structure was produced in 1928 conforming to his claims, but this is a matter dehors the record and no consideration can be given it by us. So, the manner and matter of function depend upon speculation and theory.

Upon full consideration, we find ourselves unable to agree with the conclusion reached by the tribunals of the Patent Office. That the ash pit of Watts must, by the laws of physics, have an effect upon the heating of his lower bank of tubes seems inevitable, and it is not clear just what this effect may be. Having in mind the shape of the aperture through which he introduces his fuel into the combustion chamber, it seems obvious to us that the flames from such fuel must cover all sides and both the lower and upper ends of his lower bank of tubes. Such being the case, we are unable to agree that his disclosure is sufficient to justify the finding that heating that bank of tubes substantially solely, or preponderantly, by radiation rather than by convection is inherent in his structure so as to entitle him to claim the particular invention here at issue.

In view of the conclusion reached as to the feature so far discussed, which is present in each of the seven counts at issue, it is unnecessary for us to discuss in detail counts 2 and 3 denied to Watts by the Board because of particular limitations contained therein. We shall content ourselves with the statement that we find no error in the Board's decision relative to them.

Other questions presented in the case need not be considered.

The decision of the Board of Appeals is modified, being affirmed as to counts 2 and 3, and reversed as to counts 1, 4, 5, 6, and 7.

Modified.

The late Presiding Judge GRAHAM sat at the hearing of this case, but died prior to the preparation of the opinion.

On Petition For Rehearing

PER CURIAM:

The party Watts has filed petition for rehearing seeking reconsideration of our decision rendered in the above cases on January 24, 1938, 25 C. C. P. A. (Patents) —, 93 F.(2d) 904.

The petition has been given thorough and respectful consideration.

This statement is written because of an allegation made in the petition to the effect that the court overlooked an affidavit of one Frank K. Ovitz.

In our decision it was said:

So far as the record discloses, no furnace has ever been constructed in conformity with the counts. There is a statement in the brief for Watts that a structure was produced in 1928 conforming to his claims, but this is a matter dehors the record and no consideration can be given it by us. • • •

The petition alleges that in so stating, the court—

Overlooked the fact that the Ovitz affidavit was of record in the Watts application prior to the declaration of Interference 65,623; that the affidavit categorically refers to tests made upon the pipe still invented by George W. Watts as described in application No. 251,309, filed February 2, 1928; that the affidavit embraces tests made upon said pipe still in September and October, 1928; that the affidavit discloses that gas was used for fuel in two of the three tests and gas and oil used for fuel in the other test; that the affidavit discloses the rate of heat transfer on various tubes including the hearth tubes as being uniform and within the limits illustrated by Praeger, who said in his specification:

"For example the heat input of the floor tubes or equivalent may be at least as high as 20,000 B. t. u.'s per square foot of surface. The rate of transfer of heat is not diminished but on the contrary high rate of heat transfer is sought."

and that the affidavit discloses the absence of excessive coking in the hearth tubes which establishes the absence of flame impingement thereon.

The pertinent comment respecting this matter in the original brief on behalf of Watts was:

The assignee for the party Watts has had in continuous commercial operation in at least one of its refineries since 1928 a pipe still built in accordance with the counts of this interference and of the disclosure of the Watts application. This commercial installation by Watts' assignee far antedates Praeger's conception of the invention in issue. This fact is brought to the attention of this Honorable Court to emphasize that the Watts invention is not a pencil and paper invention and that the invention in controversy is one which has been successfully and commercially demonstrated by both parties to this interference. Unfortunately for the party Praeger the party Watts was first in the field, as to conception, reduction to practice, and commercial utilization of the invention in issue.

Since this interference is before your Honors on a record judgment there is no evidence of these facts on behalf of either party by way of deposition such as would be available had testimony been taken by either or both parties. There is, however, in the Watts application an affidavit of Frank K. Ovitz filed December 7, 1931, long before the institution of these interference proceedings • • •. This affidavit, which refers to heat transfer tests conducted "on the pipe stills described in the above application" during September and October, 1928, is at least as good evidence as to the existence of the commercial installation by Watts' assignee during that year as statements made by counsel for Praeger as to the magnitude of the business of Praeger's assignee.

In our decision no comment was made by us upon the claims in the brief on behalf of Praeger respecting "the magnitude of the business of Praeger's assignee," nor was our conclusion influenced by those claims, and, in view of the comment in the Watts brief immediately above quoted, it was not deemed necessary to refer to the Ovitz affidavit, even assuming it to be a proper part of the interference record.

The affidavit has now been re-examined in the light of the contention made respecting it in the petition for rehearing, and we find nothing therein which should lead to any conclusion different from that originally reached.

The other matters in the petition are restatements, in an argumentative way, of matters presented originally.

The petition for rehearing is denied.

U. S. Court of Customs and Patent Appeals

IN RE CHAMBERLIN

No. 3,883. Decided February 7, 1938

[94 F.(2d) 232]

PATENTABILITY—FIBROUS COMPOSITIONS.

Claims for a process of preparing fibrous compositions for molding and claims for the composition itself *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Joseph N. Nielsen and *Mr. Harold T. Stowell* for Chamberlin.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *P. J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner rejecting six claims, being all the claims, contained in appellant's application for patent entitled "For Fibrous Compositions." The claims are numbered 7 to 12, inclusive. Of these, Nos. 7, 8, and 9 relate to a method of molding a composition, and 10, 11, and 12 to the composition itself.

Claim 9 was taken by the Board as representative. As this claim appears in the Board's opinion and in the list quoted at the end of the record, as required by our rule, certain amendments which the Examiner refused to enter, but entry of which was allowed by the Board, do not appear.

We quote it in its amended form, the form in which the Board considered it, as appears from its opinion:

9. Process of preparing compositions containing spinnable fibers in unknotted condition and random arrangement suitable for hot-press molding which comprises coating the fibers twisted into elements of lengths providing overlapping in the composition but free from knottability associated with the unspun fibers of corresponding length with a heat-hardening resin in solution, and drying the composition.

Claim 8 calls for a specific form of solution for coating, and claim 7 further restricts the process to twisting the fibers into elements ranging in length from one-quarter of an inch to an inch or more.

Of the product claims we quote No. 10:

10. Composition containing a resinous binder and spinnable fibers in unknotted condition and random arrangement suitable for hot-press molding comprising spinnable fibers twisted into elements of lengths ranging from one-quarter of an inch to an inch or more to provide overlapping in the composition but free from knottability associated with unspun fibers of corresponding length, and coatings on said elements of a heat-hardening resinous binder, the whole forming a mass of separable and variously directed coated elements.

Claim 11 omits the specific range of length but limits the composition to one of approximately equal parts of elements and resinous binder. Claim 12 omits the limitation as to proportion contained in claim 11.

It is not contended that the limitations in the different claims require any separate consideration upon the general issue of patentability. All of them stand or fall together.

The prior art references cited are: Talley, 1,223,216, April 17, 1917; Smith, 1,557,730, October 20, 1925; Weldon, 1,640,433, August 30, 1927; McIntyre, 1,844,434, February 9, 1932.

There also appears in the record a patent to one Willard H. Kempton, assignor to Westinghouse Electric and Manufacturing Company, assignee of the Talley patent. The Kempton patent, issued October 28, 1924, is referred to in appellant's present application. It is argued here that it supports a contention of appellant to the effect that the Talley patent was inoperative, a contention which, under the facts of this case, we do not deem important.

The brief of the Solicitor for the Patent Office states:

The grounds of rejection as applied by the Examiner in his statement appear to be two in number. The first ground of rejection refers to an earlier application of appellant's in which the Examiner held that there was a final adjudication as respects claims which differed in scope only from the claims involved in the instant appeal. The Examiner indicated that the difference between the two groups of claims was not such as to impart patentability in view of the cited art. The second ground of rejection applied by the Examiner was that the appealed claims are unpatentable over the cited art as applied in detail in the Examiner's statement. The Board of Appeals did not state that any ground of rejection advanced by the Examiner was wrong but on the contrary made a general affirmance of the Examiner's action.

In a reply brief filed by permission of the court, appellant challenges the Solicitor's interpretation of the Examiner's decision as affirmed by the Board, and insists that the only rejection in the record was based on prior art.

The record apparently does not disclose all the Office actions with respect to the claims, but it is noted that the Examiner's final action dated April 16, 1935, is limited to rejection upon the prior art. In his statement after the appeal to the Board, however, we find the following:

The instant application purports to be a division of application Serial No. 274,360, filed May 1, 1928. The earlier filed case was before the Honorable Board of Appeals on substantially the same question as is here involved, viz. whether the use of fibers free from anti-knotting involved invention. In said case, the Examiner was affirmed, both tribunals being of the opinion that Talley, supra, was the best reference. The specification of the instant application omits all reference to natural fibers, such as manila, sisal, etc., which is disclosed in the second paragraph of page 3 of the earlier filed case. A comparison of the appealed claims in these two cases will show that those of the later filed case differ from those of the earlier filed case in scope only; those claims under instant consideration being more specific than the ones of the earlier case. This difference in scope of the instant appealed claims, however, does not eliminate the rejections of these claims on the cited art.

Also, at another place in his statement, attention was directed to an equity suit then pending which the Board commented upon as follows:

The Examiner has called attention to Equity Suit, No. 55,555, brought under R. S. 4915, *Cherry* v. *Coe* now pending in the courts. The records of this suit are, of course, open to the public. It is found that in this suit are involved claims which cover almost the identical subject matter claimed here, and that said claims stand rejected on the same references, which are of record in the present case. This case is now awaiting decision by the Court of Appeals, D. C., on an appeal taken from an affirmative decision by the Supreme Court, D. C.

It may be said that that case, under the style of *Economy Fuse & Mfg. Co.* v. *Coe*, was decided by the United States Court of Appeals for the District of Columbia November 2, 1936, 86 F.(2d) 850, 31 U. S. P. Q. 193, the decision of the lower court being affirmed.

It must be confessed that it is not altogether clear to us whether the Examiner based his rejection upon two grounds as suggested by the Solicitor. Upon the whole, we are inclined to the view that it was based solely upon prior art, and that the decision rendered by the Board respecting appellant's earlier application, of which the present is said to be a continuation, was not cited as res adjudicata, but rather as persuasive, the same as was the decision in the Economy Fuse & Mfg. Co. case, supra, to which latter appellant was not a party.

We think it was entirely legitimate and proper to refer to the decisions in those cases for such purpose. The claims which were involved in the equity proceeding and there finally disallowed by the appellate court were included in the record of this case by stipulation and hence may be readily compared with the claims at issue here, so far as comparison may be proper.

The claims of appellant's original application, which were rejected, are not included in the record.

The following analysis of appellant's claim 9, supra, appears in the brief on his behalf:

• • • it is limited to (*a*) making compositions for hot-press molding from (*b*) spinnable fibers twisted into elements providing overlapping "but free from knottability associated with the unspun fibers of corresponding length", (*c*) coating the elements with a heat-hardening resin in solution, and (*d*) drying the composition.

The brief analyzes product claim 10 as comprising:

• • • (*a*) composition suitable for hot-press molding, (*b*) spinnable fibers twisted into elements of one-quarter inch to an inch or more in length to provide overlapping but free from the knottability associated with the unspun fibers of corresponding length, (*c*) coating on the elements of heat-hardening resin, and (*d*) the whole forming a mass of separable and variously directed coated elements.

The Examiner's analysis of the references is somewhat more detailed than that of the Board and the same is here quoted:

Talley clearly discloses long cotton and long fibered asbestos (page 1, lines 63 to 67), which are likewise disclosed by applicant in lines 31 and 32 of page 3. Similarly, Weldon describes the use of twisted cotton cord because they are of great strength (page 1, lines 49 to 63). Smith also employs long fiber materials and although these materials interlock when in the mold, it is not seen that a patentable difference thereover is presented by these appealed claims. McIntyre, of course, does not disclose a heat-hardening resin but there is disclosed the use of fibrous materials in the form of strings. In short, it is a fair and logical conclusion, derived from this cited art, that the prior art thoroughly understood and was conversant with the advantages of fibrous materials in the form of strings, yarns, cords, etc. as distinguished from closely woven fabrics such as canvas (see Weldon, page 2, lines 41 to 46) in heat-hardening resin molding compositions. In any event, since the materials of the references are like those disclosed by applicant, the results claimed by applicant must be inherent in the references. With respect to Talley, Weldon, and Smith, it is to be particularly noted that the fibrous materials thereof meet the test of "anti knottable" as described in the last paragraph of page 3 of the specification.

In appellant's original brief it is said:

Attention is particularly directed to the limitation appearing in all the claims of defining the fibrous part of the composition as embodying the following restrictions:
1. Spinnable fibers having the property of knottability;
2. Elements into which the spinnable fibers are twisted;
3. The elements being of a length to provide overlapping; and
4. The elements of that length being free from the knottability associated with the unspun fibers of corresponding length.

This is reiterated in his reply brief and in both briefs, as well as in the oral argument, the particular feature emphasized (of course, in the combination defined) was that of the freedom from "knottability" in fibers having overlapping lengths, and the correctness of the holding of the Examiner that the fibrous materials of Talley, Weldon, and Smith meet the test of "anti knottable" is challenged.

This challenge, as best we can understand the somewhat involved argument, is based upon the allegation that the prior art fails to show a combination which results in freedom from "knottability," a limitation appearing in each of the appealed claims.

It is quite true that no one of the references makes mention of "knottability." It seems to us, however, that in the final analysis freedom from "knottability," as used in the claims, relates to a result. The phrase "free from knottability" means, as taught by the specification, that the fibers will not mat, or interlock, in the composition. This result apparently flows from the use of fibers having certain characteristics of structure, such as being twisted, and of length, and it seems clear that certain of the prior art does show the use of materials, as stated in the Examiner's description, supra, quite like the materials of appellant. They seem to us, at least, to be so nearly alike as that appellant cannot be credited with invention over the references in adopting the type of fibers which he defines.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

YOUNGHUSBAND
v.
KURLASH COMPANY, INC.

No. 3,915. Decided February 7, 1938
[94 F.(2d) 230]

1. TRADE-MARKS—OPPOSITION—GOODS OF SAME DESCRIPTIVE PROPERTIES.
Mascara and instruments for curling eyelashes *Held* to be goods of the same descriptive properties.

2. SAME—SAME—SIMILARITY OF MARKS—"STARLASH" AND "KURLASH".
Trade-mark "Starlash" applied to eyelash and eyebrow mascara *Held* not confusingly similar to opposer's registered mark "Kurlash" applied to eyelash curlers.

BLAND, *J.*, dissenting.

APPEAL from the Patent Office. Reversed.

Mr. James R. McKnight and *Mr. Paul Finckel* for Younghusband.

Mr. Joseph J. Juhass for Kurlash Company, Inc.

LENROOT, *J.:*

This is an appeal from a decision of the Commissioner of Patents sustaining an opposition filed by appellee to prevent the registration, under the Trade-Mark Act of February 20, 1905, of appellant's mark "Starlash", applied to eyelash and eyebrow mascara, for which registration he filed application on January 28, 1935.

Appellee on May 1, 1935, filed notice of opposition to the registration of appellant's mark, and alleged therein: prior use, ownership, and registration of the trade-mark "Kurlash", applied to eyelash curlers, and the trade-mark "Kurlash Tweezette", for tweezers for removing hair; that the goods to which the respective marks are applied possess the same descriptive properties; that the marks of the respective parties are confusingly similar, and that opposer believed it would be damaged by the registration of appellant's mark.

Appellant answered said notice of opposition and, inter alia, denied that the goods of the parties possess the same descriptive properties, that the marks "Starlash" and "Kurlash" were confusingly similar, and that appellee would be damaged by the registration of appellant's mark.

Both parties took testimony. It appears therefrom that appellee's mark "Kurlash" is applied to an instrument for curling eyelashes, while appellant's mark is applied to mascara, a cosmetic used on eyelashes; it further appears that mascara and eyelash curlers are sold in the same stores and to the same class of people.

The Examiner dismissed the notice of opposition and adjudged that appellant was entitled to the registration of the mark applied for, holding that the marks may be concurrently used upon the goods of the respective parties without reasonable likelihood of confusion.

Upon appeal by the opposer, the Commissioner reversed the decision of the Examiner of Interferences and sustained the opposition of appellee, holding that the marks involved are used upon goods possessing the same descriptive properties and are confusingly similar. From this decision appellant has taken this appeal.

Both parties cite many cases in support of their respective contentions.

The Commissioner held that the marks here involved are not more dissimilar than the marks "Rotex" and "Kotex", which, in the case of *Kotex Co.* v. *McArthur*, 18 C. C. P. A. (Patents) 787, 45 F.(2d) 256, 1931 C. D. 86, 404 O. G. 4, we held to be confusingly similar, applied to goods possessing the same descriptive properties.

Obviously, in cases of the character before us, only general principles of law are applicable, and after being applied it is very largely a matter of opinion whether two marks used upon goods of the same descriptive properties are confusingly similar. *The Procter & Gamble Co.* v. *J. L. Prescott Co.*, 18 C. C. P. A. (Patents) 1433, 49 F.(2d) 959, 413 O. G. 1105, 1931 C. D. 688.

[1] We have no hesitation in holding that the goods to which the respective marks are applied possess the same descriptive properties, and we do not deem it necessary to cite authorities in support of this holding. At the same time it is proper, in considering the question of confusion, to recognize the differences in the goods. *Duro Pump & Mfg. Co.* v. *Thomas Maddock's Sons Co.*, 17 C. C. P. A. (Patents) 785, 36 F.(2d) 1005, 394 O. G. 281; *Fashion Park, Inc.*, v. *The Fair*, 18 C. C. P. A. (Patents) 1399, 49 F.(2d) 830, 412 O. G. 837.

It is familiar doctrine that, in determining the question of confusing similarity of marks, they must be considered as a whole, but it does not follow that portions of marks which are similar must be given equal weight with portions of marks which are dissimilar. In the case of *Yeasties Products, Inc.*, v. *General Mills, Inc.*, 22 C. C. P. A. (Patents) 1215, 77 F.(2d) 523, 1935 C. D. 579, 460 O. G. 499, the marks "Yeasties" and "Wheaties" were involved, applied to goods not identical, but nevertheless possessing the same descriptive properties. We there said:

It is evident from the record, and no claim is made to the contrary, that appellee is not the exclusive owner of the suffix "ies". Accordingly, if the word "Yeast", of appellant's mark, is sufficiently dissimilar with the word "Wheat", of appellee's mark, so that, when considered as a whole, the marks are not confusingly similar, appellant is entitled to the registration of its mark. * * *

So in the case at bar the last syllable of each mark is identical. Appellee makes no claim to a monopoly of the word "lash", applied to goods possessing the same descriptive properties as do the goods to which it applies its mark, but does insist that, the marks being considered as a whole, the syllable "lash" is a very important part of both marks.

We believe that purchasers would pay little attention to the last syllable of the marks as bearing upon the origin of the goods, but, seeing the marks as a whole, the mind would fasten upon the syllable "Kur" in appellee's mark and "Star" in appellant's mark, and the last syllable in each mark would be given little attention other than with respect to its descriptive character.

While it is true that marks should not be dissected in considering the question of confusion, it is also true that similarities and dissimilarities in marks should both be considered.

In our judgment "Kurlash" and "Starlash" are much more dissimilar in sound and appearance than are the marks "Rotex" and "Kotex", the subject of our decision in *Kotex Co.* v. *McArthur*, supra, relied upon by the Commissioner.

[2] Considering the fact that appellee's mark is applied to an instrument for curling eyelashes, and appellant's mark is applied to a cosmetic for eyelashes, and considering also the difference in the marks of the parties, we are of the opinion that the concurrent use by the parties of their respective marks would not be likely to cause confusion or mistake in the mind of the public or to deceive purchasers.

It follows from the foregoing that we are of the opinion that the decision of the Examiner of Interferences should have been affirmed, dismissing the notice of opposition, and adjudging that appellant is entitled to the registration applied for.

The decision of the Commissioner of Patents is reversed.

Reversed.

BLAND, *J.*, dissents.

Patent Suits

[Notice under sec. 4921, R. S., as amended Feb. 18, 1922]

1,285,129, G. N. Goodrich, Multi-cylinder engine, C. C. A., 6th Cir., Doc. 7357, *G. N. Goodrich* v. *Ford Motor Co.* Patent held not infringed May 4, 1938.

1,372,870, J. W. Droll, Work supporting table, D. C., S. D. N. Y., Doc. E 83/226, *J. W. Droll Co.* v. *K. P. Williams Co., Inc.* Consent order of discontinuance without prejudice (notice May 7, 1938).

1,505,592, F. W. Epperson, Frozen confectionery, D. C., S. D. N. Y., Doc. E 81/31, *National Popsicle Corp. et al.* v. *Bryant Frozen Products, Inc., et al.* Dismissed without prejudice (notice May 5, 1938).

1,539,701, E. C. Sutherland, Process of bleaching, preserving, and increasing the baking qualities of flour and other milling products, D. C., S. D. N. Y., Doc. E 82/347, *Novadel-Agene Corp.* v. *Kerope Gulbenkian.* Consent decree for plaintiff (notice May 4, 1938).

1,545,257, Hopkinson & Gibbons, Process for making articles of various shapes directly from solution or suspensions of rubber and to the articles so obtained; 1,822,847, P. Adamson, Elastic yarn; 1,971,445, W. A. Gibbons, Method and apparatus for manufacture of elastic thread; 2,064,801, F. D. Chittenden, Elastic yarn and method of making same, filed Jan. 20, 1938, D. C. N. J., Doc. E 5870, *U. S. Rubber Products, Inc.*, v. *Filatex Corp.* (To correct error in 490 O. G., p. 8, formerly published as 1,971,847 instead of 1,971,445.)

1,628,954, H. H. Dedmon, Card display receptacle for automobiles, filed Apr. 30, 1938, D. C., S. D. Calif., C. Div., Doc. E 1375–H, *H. H. Dedmon (Standard Holder Co.)* v. *A. B. McClain (Alhambra Specialties Mfg. Co.).*

1,630,129, R. D. McDill, Process of preserving fruit, filed Apr. 30, 1938, D. C. Dela., Doc. E 1262, *Brogden, Ricketts & Haworth Co.* v. *Food Machinery Corp.*

1,710,073, 1,714,191, S. Ruben, Electrical condenser; 1,891,207, same, Electrolytic condenser, D. C., S. D. N. Y., Doc. E 76/400, *Ruben Condenser Co. et al.* v. *E. B. Latham & Co.* Dismissed without prejudice (notice May 5, 1938).

1,714,191. (See 1,710,073.)

1,718,025. (See Re. 18,841.)

1,718,778. (See Re. 18,546.)

1,722,773, A. B. Stewart, Portable support for electric lamps, D. C., S. D. N. Y., Doc. E 86/293, *The Chas. Fischer Spring Co.* v. *H. A. Fisch (Fisch Mfg. Co.).* Consent decree for plaintiff (notice May 3, 1938).

1,802,700, V. A. Boker, Nozzle for lubricating system, D. C. Iowa (Sioux City), Doc. 437, *Min-A Max Co., Inc.*, v. *E. Sundholm.* Dismissed May 3, 1938.

1,822,847. (See 1,545,257.)

1,832,719, F. P. McBerty, Combined electric welder and flash stripper, filed May 5, 1938, D. C., W. D. Pa., Doc. E 3406, *The Federal Machine & Welder Co.* v. *Mesta Machine Co.*

1,855,916, C. H. Keeney, Tufting attachment for sewing machines, D. C. S. C. (Greenville), Doc. E 543, *Deltox Rug. Co.* v. *L. A. Hamrick (Carolina Crafts Co.).* Dismissed May 4, 1938.

1,891,207. (See 1,710,073.)

1,917,261, P. E. Hawkinson, Method of retreading tire casings; 1,917,262, 2,034,618, same, Apparatus for retreading tire casings, D. C. Kans. (Wichita), Doc. 1002–N, *P. E. Hawkinson Co.* v. *Martin-Jackson Tire & Supply Co.* Dismissed with prejudice (notice May 7, 1938).

1,917,262. (See 1,917,261.)

1,965,876. W. I. Bettis, Applicator for elastic rings, filed Apr. 29, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1374–M, *Patterson-Ballagh Corp., Ltd.*, v. *G. A. Lohman (Ironwear Rubber Products)*.

1,971,445. (See 1,545,257.)

1,985,776, S. Groener, Binding for stacks of paper, D. C., S. D. N. Y., Doc. E 81/198, *F. Amato* v. *National Blank Book Co., Inc.* Dismissed without prejudice (notice May 3, 1938).

2,001,527, C. H. Davison, Construction of rugs of pile fabrics, D. C., S. D. N. Y., Doc. E 83/160, *C. H. Davison* v. *Alex. Smith & Sons Carpet Co. et al.* Patent held invalid as to claims 1 and 4; bill dismissed (notice May 4, 1938).

2,010,590, W. Grumbacher, Engraving tool (suit for declaratory judgment), D. C., S. D. N. Y., Doc. E 83/105, *C. H. Hunt Pen Co.* v. *W. Grumbacher*. Patent held invalid (notice May 3, 1938).

2,033,018, W. F. Weber, Stapling machine; 2,056,480, 2,033,049, W. G. Pankonin, same, D. C., S. D. N. Y., Doc. E 84/121, *Ace Fastener Corp.* v. *J. Linsky et al.* Consent order of discontinuance without prejudice (notice May 7, 1938).

2,033,049. (See 2,033,018.)

2,034,060, L. Shapiro, Closure, D. C., S. D. N. Y., Doc. 86/327, *Columbia Products Corp.* v. *A. L. Siegel Co., Inc.* Consent order of discontinuance (notice May 5, 1938).

2,034,618. (See 1,917,261.)

2,045,630, B. Bratman, Stitched cloth and process of manufacturing same, D. C., S. D. N. Y., Doc. E 83/268, *B. Bratman* v. *Ambassador Pleating & Stitching Co., Inc.* Consent order of discontinuance (notice May 6, 1938).

2,056,480. (See 2,033,018.) 2,064,801. (See 1,545,257.)

2,078,099, Rotelli & Saxe, Brassière, D. C., S. D. N. Y., Doc. E 86/380, *D. Rotelli (Quest-Shon Mark Brassiere & Corset Mfg. Co.)* v. *Spirite Mfg. Co.* Consent decree for plaintiff (notice May 5, 1938).

2,099,815, J. R. Lewis et al., Pre-cooling apparatus, filed Apr. 30, 1938, D. C., E. D. Ark. (Little Rock), Doc. E 1113, *V. M. Thompson* v. *Precooling Car Service Co.*

2,106,796, R. P. de Vault, Peeler, filed Apr. 28, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1373–J, *R. P. de Vault* v. *W. B. Feemester*.

Re. 17,417, B. B. Gillett, Open-end wrench, filed Apr. 19, 1938, D. C., N. D. Ill., E. Div., Doc. 16037, *Snap-On-Tools Corp.* v. *Hinsdale Mfg. Co.*

Re. 18,074, I. Weinrub, Control for knitting machine, D. C., S. D. N. Y., Doc. E 80/334, *I. Weinrub* v. *American Brand Trimming, Inc.* Dismissed without prejudice (notice May 3, 1938). Doc. E 81/48, *I. Weinrub* v. *Highest Grade Machinists, Inc.* Dismissed without prejudice (notice May 17, 1938). Doc. E 81/51, *I. Weinrub* v. *Knitted Curtain Corp.* Dismissed without prejudice (notice May 17, 1938).

Re. 18,546, B. W. Coltman, Process of and means for flaking soap; 1,718,778, same, Soap flakes, D. C., S. D. Ind. (Indianapolis), Doc. E 1587–E 87 N. A., *B. W. Coltman* v. *Colgate-Palmolive-Peet Corp.* Patent 1,718,778 held valid and infringed; injunction Apr. 1, 1938.

Re. 18,841, J. Mayer, Hair waving method; 1,718,025, R. Bishinger, Hair-curling appliance, filed Apr. 25, 1938, D. C., N. D. Ill., E. Div., Doc. 16042, *The Philad Co.* v. *Consolidated Hair Goods Co. et al.* Same, filed Apr. 27, 1938, D. C., N. D. Ill., E. Div., Doc. 16044, *The Philad Co.* v. *Universal Permanent Wave Machine Co.* Doc. 16045, *The Philad Co.* v. *Famous Hair & Beauty Parlor Supply Co.*

Des. 96,825, R. C. Epworth, Fan, filed May 5, 1938, D. C., S. D. N. Y., Doc. F 87/32, *R. C. Epworth* v. *Einson-Freeman Co., Inc.*

Des. 101,756, A. Einstein, Blouse, D. C., S. D. N. Y., Doc. E 85/338, *C. Duchen* v. *S. Fischman et al. (Thebest Mills Co.)*. Doc. E 85/339, *C. Duchen* v. *L. D. Livingston et al. (Livingston & Lieberman)*. Consent order of discontinuance without prejudice (notice May 3, 1938), in each of above cases. Same, D. C., W. D. N. Y., Doc. 2172, *C. Duchen* v. *E. M. Lowensthal et al.* Discontinued May 17, 1938.

Des. 102,517, Des. 102,518, Seibert & Williams, Grave marker, D. C., S. D. Ohio, W. Div., Doc. E 1018, *J. H. Matthews & Co.* v. *Newman Bros., Inc.* Consent decree holding patents valid and infringed May 9, 1938.

Des. 102,518. (See Des. 102,517.)

Des. 106,412, P. Valenti, Dress, D. C., S. D. N. Y., Doc. E 85/373, *D. Herman & Sons* v. *Ceebee Dress, Inc.* Consent decree for plaintiff (notice May 3, 1938).

Des. 107,723, H. Leone, Duplex house-coat, filed May 3, 1938, D. C., S. D. N. Y., Doc. E 87/28, *H. Leone* v. *B. & B. Mfg. Co., Inc.*

Des. 108,830, T. Emmerich, Textile fabric, filed May 3, 1938, D. C., S. D. N. Y., Doc. E 87/24, *Velveray Corp.* v. *Sterling Textile Printers.*

T. M. 98,309, T. M. 102,979, E. Myers Lye Co., Powdered lye, filed Apr. 12, 1938, D. C., N. D. Ill., E. Div., Doc. 16,029, *E. Myers Lye Co.* v. *Bray Chemical Co.*

T. M. 102,979. (See T. M. 98,309.)

T. M. 215,174, C–Y Laboratories, Inc., Medicine for cystitis, filed Mar. 24, 1938, D. C., N. D. Tenn. (Nashville), Doc. E 730, *The C–Y Laboratories* v. *Berry-Martin & Co. et al.*

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,017,827, W. J. Bannister, Gum inhibitor for motor fuel, decided June 8, 1938, claims 1, 2, 3, 4, 6, 13, 14, 15, 16, and 18.

Pat. 2,069,164, Mikael Vogel-Jorgensen, Rotary kiln, decided June 3, 1938, claims 1, 2, and 3.

Pat. 2,072,937, W. P. Beattie, Electrical measuring means, decided June 4, 1938, claim 8.

Design Pat. 108,742, R. F. Bemporad, decided June 9, 1938, the claim as shown.

TRADE-MARKS

OFFICIAL GAZETTE, JULY 5, 1938

[VOL. 492. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 404,843. HAROLD R. EYRICH, Custer, S. Dak. Filed Apr. 4, 1938.

EYRITE

For Substance Used in Its Raw, Treated, and/or Modified States for Forming Permanent Suspensions in Liquids, Being a Magnesium Calcium Silicate Containing Fluorine.
Claims use since Dec. 3, 1937.

Ser. No. 405,886. R. NEUMANN & COMPANY, Hoboken, N. J. Filed Apr. 30, 1938.

SOFTY CALF

The word "Calf" is disclaimed apart from the mark.
For Leather in the Piece.
Claims use since Sept. 1, 1937.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 406,002. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed May 4, 1938.

Vachelle

For Ladies' Handbags.
Claims use since August, 1936.

Ser. No. 406,224. MERCURY HANDBAGS COMPANY, New York, N. Y. Filed May 11, 1938.

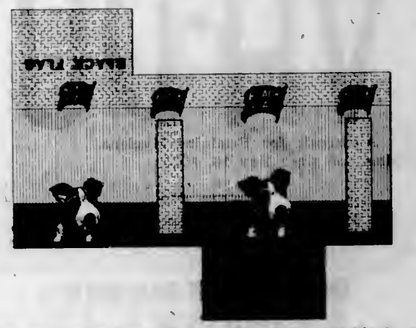
KOR-TOAY

For Ladies' Handbags Made of Leather, Fabric, Leather Compositions, and Combinations Thereof.
Claims use since February, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 402,762. THE BLACK FLAG COMPANY, Baltimore, Md. Filed Feb. 7, 1938.



The predominating colors of the mark are black, red, and yellow.
For Dog Soap.
Claims use since Jan. 25, 1938.

Ser. No. 402,763. THE BLACK FLAG COMPANY, Baltimore, Md. Filed Feb. 7, 1938.

BLACK FLAG

For Dog Soap.
Claims use since Jan. 25, 1938.

Ser. No. 404,005. MEYER-BLANKE COMPANY, St. Louis, Mo. Filed Mar. 12, 1938.

M.B.

META-BRITE

For Chemical Solvents and Preparations for Washing and Cleaning Glass, Wood, and Metals.
Claims use since Mar. 3, 1938.

Ser. No. 405,106. HENRY G. EISLER, doing business as Perma Sheen Laboratories, Chicago, Ill. Filed Apr. 11, 1938.

PERMA SHEEN

No claim is made to the word "Sheen" apart from the mark.
For Cleaning and Polishing Compound for Aluminum and Other Metalware.
Claims use since Jan. 28, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 390,668. PYNOSOL LABORATORIES, INC., Chicago, Ill. Filed Mar. 29, 1937.

VA·DU

For Antiseptic for Feminine Hygiene.
Claims use since May 16, 1933.

Ser. No. 391,671. DR. H. C. LEMKE MEDICINE CO., Chicago, Ill. Filed April 19, 1937. Under 10-year proviso.

DR. H. C. LEMKE'S GOLDEN

LINIMENT



For Liniment for Relief of Pains Caused by Muscular Rheumatism, Neuralgia, Headache, Backache, Sore Joints, Swollen Muscles or Joints, Sprains, Bruises, Frozen Limbs, and Minor Forms of Colic and Cramps of Man or Beast.
Claims use since Nov. 1, 1871.

Ser. No. 393,198. ROMEO PARENT, doing business as Familex Products Company, Montreal, Quebec, Canada. Filed May 24, 1937.

FAMILEX

For Digestive Tonics, Cod Liver Oils, Hypophosphite Cod Liver Oils; Sarsaparilla Tonics, Iodotannique Tonics, Beef, Iron, and Wine Tonics; Russian Oils, Laxative Tablets, Creoform Cough Syrups, Pectoral Cough Balsams, Cold and Grippe Tablets, Nose and Throat Drops, Thymol Throat Pastilles, Catarrh Ointments, Kidney Pills, Headache Tablets, Dyspepsia Tablets, Epsom Salts, Castor Oils, and Heave Cough Powders.
Claims use since July 1, 1928.

Ser. No. 393,317. CHAMPION CHEMICAL WORKS, INCORPORATED, New York, N. Y. Filed May 27, 1937. Under 10-year proviso.

BROOKMAN

For Chlorinated Lime.
Claims use since January, 1895.

Ser. No. 398,622. HAROLD GRAY JARVIS, Portland, Oreg. Filed Oct. 18, 1937.

"SUPER SOL"

For General Sterilizing Detergent Used Around Domestic Kitchen Sinks, Water Closets, Wash Basins, in Home Laundries and in Hospitals, and in Any and All Places for Maintaining Such Places in a Sanitary and Sterile Condition to Prevent the Development of Bacterial Growth and as a Detergent.
Claims use since July, 1931.

Ser. No. 399,470. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y. Filed Nov. 8, 1937.

COD-O-EX

No claim is made to the word "Cod" apart from the mark.
For Vitamin Bearing Product—Namely, Cod Liver Oil Concentrate.
Claims use since 1925.

Ser. No. 400,318. NYANZA COLOR & CHEMICAL CO., INC., New York, N. Y. Filed Nov. 30, 1937.

VEGAN

For Chemicals and Dyes Used in the Dyeing of Textile Materials.
Claims use since 1923.

Ser. No. 402,654. SOCIETE ANONYME LANCOME, Courbevoie and Paris, France. Filed Feb. 3, 1938.

Conquête

For Perfume, Face Powder, Talcum Powder, Rouge, Toilet Water, Brilliantine, Face Lotion, Cold Cream, Skin Cream, Bath Salts.
Claims use since Mar. 21, 1935.

Ser. No. 403,439. ALKA-MOVERS COMPANY, INC., New York, N. Y. Filed Feb. 26, 1938.

ALKA-MOVERS

For Alkaline Laxative.
Claims use since Jan. 25, 1938.

Ser. No. 404,132. MCNEIL DRUG COMPANY, doing business as McNeil Drug Co. (Inc.), Jacksonville, Fla. Filed Mar. 16, 1938.



No claim is made to the words "Remedy" and "Brand" apart from the mark.
For Alterative Compound for the Relief of the Discomforts of Muscular Aches and Pains.
Claims use since Jan. 1, 1901.

Ser. No. 404,313. INTERNATIONAL FILTER CO., Chicago, Ill. Filed Mar. 21, 1938.

ANEX

For Ion Exchanging and Adsorptive Materials, in Particular Materials Directly or Indirectly Removing Negative Ions, Such as Chlorides, Sulfates, and the Like, from Water or Other Aqueous Liquids.
Claims use since Mar. 17, 1938.

Ser. No. 404,613. JOSEPH LUCAS, doing business as Medical Products Company, New Orleans, La. Filed Mar. 29, 1938.

CALOXIDE

For Cream Lotion.
Claims use since June, 1937.

Ser. No. 404,864. NEVA-MOTH CORPORATION OF AMERICA, New York, N. Y. Filed Apr. 4, 1938.

NEVCO



The words "Neva Moth" are disclaimed apart from the mark.
For Odorless Chemical Processing Compound for Treating Furs, Clothing, Felts, Yarns, Knitting Yarns, Zephyr Yarns, Horsehair Bristles, Mohair, Slub Yarn, Carpet Yarn, Plush, Corded Materials, Blankets and Other Woolens, Furniture Drapes, and Rugs, to Render Them Mothproof.
Claims use since Mar. 30, 1937.

Ser. No. 404,880. THE AURAX CO., New York, N. Y. Filed Apr. 4, 1938.

AURAX

For Vaporizing Medicament—Namely, a Medicament Composed of a Solid Waxy Base, Containing Various Essential Oils for Use in the Treatment of Chronic Ear Disorders.
Claims use since Jan. 21, 1938.

Ser. No. 404,898. KARL JACOBI, doing business as Chemico Laboratories, Cranford, N. J. Filed Apr. 5, 1938.

SOL-SUL

For Soluble sulphur.
Claims use since Nov. 15, 1937.

Ser. No. 405,065. FEARN LABORATORIES, INC., Chicago, Ill. Filed Apr. 9, 1938.

WONDER

For Meat Curing Compositions.
Claims use since Mar. 24, 1938.

Ser. No. 405,066. FEARN LABORATORIES, INC., Chicago, Ill. Filed Apr. 9, 1938.

MIRACLE

For Meat Curing Compositions.
Claims use since Mar. 24, 1938.

Ser. No. 405,067. FEARN LABORATORIES, INC., Chicago, Ill. Filed Apr. 9, 1938.

MAGIC

For Meat Curing Compositions.
Claims use since Mar. 31, 1938.

Ser. No. 405,068. FEARN LABORATORIES, INC., Chicago, Ill. Filed Apr. 9, 1938.

MAJESTY

For Meat Curing Compositions.
Claims use since Mar. 31, 1938.

Ser. No. 405,082. KATHLEEN MARY QUINLAN, INC., New York, N. Y. Filed Apr. 9, 1938.

After Dark

For Perfume.
Claims use since Mar. 16, 1938.

Ser. No. 405,154. GENERAL PURCHASING COMPANY, Paris, France. Filed Apr. 12, 1938.

GOSSIP

For Perfume.
Claims use since Aug. 24, 1937.

Ser. No. 405,224. ROGAR COMPANY, Montebello, Calif. Filed Apr. 13, 1938.

ROGAR

For Stomachic for Relieving Symptoms of Acid Indigestion, Hyperacidity of the Stomach, Flatulence, Dizziness, and Gastric Disturbances Due to Hyperacidity.
Claims use since Mar. 25, 1938.

Ser. No. 405,246. F. FREITHOFER MANUFACTURING CO., INC., Pittsburgh, Pa. Filed Apr. 14, 1938.

FO-EEN X

For Preparation Used as a Germicide and Antiseptic.
Claims use since Mar. 15, 1938.

Ser. No. 405,250. R. M. HOLLINGSHEAD CORPORATION, Camden, N. J. Filed Apr. 14, 1938.

Whiz

For Preparations for Cleaning Radiators and Motor Cooling Systems and Drain Pipes; Preparations for Fire Extinguishers; Insecticides and Disinfectants; Chemical Preparations for Dressing Fabrics, and for Waterproofing Purposes; Chemical Preparations to Prevent Freezing; Chemical Preparations to Prevent Leaking; Chemical Preparations for Soldering; Chemical Preparations for Hydraulic Brakes, Hydraulic Lifts, Door Checks; Chemical Preparations for Shock Absorbers and Knee Action Units of Automobiles, Buses, Trucks, Tractors, and Airplanes; Chemical Preparations for Cleaning Internal Combustion Motors and Removing Carbon; Chemical Preparations for Cleaning Radiators; Compounds for Cleaning Radiator Cooling Systems and Compounds and Chemical Preparations for Cleaning Passages and Drain-pipes.
Claims use since May 16, 1934.

Ser. No. 405,262. MCKESSON & ROBBINS, INCORPORATED, Bridgeport and Fairfield, Conn. Filed Apr. 14, 1938.

VIBERIN

For Preparation Containing Vitamins A, B, D, G, C, and E, Liver Extract, Iron, Chlorophyll, Manganese, Bone Marrow, and Dicalcium Phosphate for use in the Treatment and Prophylaxis of the Bodily Conditions Arising Through Deficiency of any or all the Elements Represented by the Formula.
Claims use since Apr. 13, 1938.

Ser. No. 405,293. GUERLAIN PERFUMERY CORPORATION OF DELAWARE, Wilmington, Del. and New York, N. Y. Filed Apr. 15, 1938.

COQUE D'OR

For Perfumes.
Claims use since Mar. 24, 1938.

Ser. No. 405,299. HOUSE OF HOLLYWOOD, Los Angeles, Calif. Filed Apr. 15, 1938.

La Bonita

For Avocado Tissue Cream, Cold Cream, Deep Pore Cleanser, Foundation Cream, Hair Dressing, Hand Lotion, Muscle Oil, Make-up Set, Powder Base, Skin Stimulant, Turtle Oil Cream, Rouge, Lipstick, Face Powder, Face Pack.
Claims use since Oct. 1, 1930.

Ser. No. 405,323. WILLIAM SIEGEL, doing business as Williams Specialty Co., New York, N. Y. Filed Apr. 15, 1938.

BISMONYL

For Anti-Acid Powder for the Relief of Hyperacidity, Acid Eructations, Belching, or Heartburn.
Claims use since 1909.

Ser. No. 405,466. E. R. SQUIBB & SONS, New York, N. Y. Filed Apr. 19, 1938.

HEBULON

For Antianemic Preparations.
Claims use since Apr. 12, 1938.

Ser. No. 405,482. CALIFORNIA PERFUME COMPANY, INC., New York, N. Y. Filed Apr. 20, 1938.

MARIONETTE

For Perfumes and Face Powder.
Claims use since Apr. 8, 1938.

Ser. No. 405,485. CROOKES LABORATORIES, INC., New York, N. Y. Filed Apr. 20, 1938.

COLSOMANG

For Aqueous Colloidal Suspension of Manganese Hydroxide, Used Both by Injection and Orally in the Treatment of Boils, Acne, and Certain Pyogenic Infections of Staphylococcic Origin.
Claims use since Feb. 26, 1938.

Ser. No. 405,486. CROOKES LABORATORIES, INC., New York, N. Y. Filed Apr. 20, 1938.

Enzo **CAL**

For Calamine in Greaseless Cream with an Anesthetic for use in Irritative Skin Conditions.
Claims use since Feb. 18, 1938.

Ser. No. 405,492. FLORET PRODUCTS CO., New York, N. Y. Filed Apr. 20, 1938.

SIZ LAX

For Effervescent Laxative Preparation for the Relief of Sour Stomach, Heartburn, Gas on Stomach, Flatulence, Belching, Headache, and Bad Breath Caused by Gastric Hyperacidity or Temporary Constipation, and Over-Indulgence in Eating or Drinking.
Claims use since Apr. 12, 1938.

Ser. No. 405,503. GRIFFIN & COMPANY, Chapel Hill, N. C. Filed Apr. 20, 1938.

"CURBASM"

For Preparation for the Relief of Asthma.
Claims use since Feb. 1, 1938.

Ser. No. 405,506. E. M. HOLM, Milwaukee, Wis. Filed Apr. 20, 1938.

ALOH-Gel

The word "Gel" is disclaimed apart from the mark.
For Amphoteric Colloidal Aluminum Hydroxide Gel for the Treatment of Hyperacid Gastric Conditions and Associated Disorders.
Claims use since Dec. 1, 1937.

Ser. No. 405,703. RIN FOOT LOTION, INC., Washington, D. C. Filed Apr. 25, 1938.

RIN

For Foot and Underarm Lotions.
Claims use since Jan. 15, 1938.

Ser. No. 405,965. MEYER S. MARKS, Chicago, Ill. Filed May 3, 1938.

Nu-Face

For Facial Pack.
Claims use since Nov. 14, 1936.

Ser. No. 406,210. SIDNEY BESKIND, doing business as The Tanophene Co., Coral Gables, Fla. Filed May 11, 1938.

Tanophene

For Gargle and Mouth Wash.
Claims use since Apr. 10, 1937.

Ser. No. 406,297. LIMRAY CO. INC., New York, N. Y. Filed May 13, 1938.

"Lobsteritis"
(PAINFUL SUNBURN)

The words "Painful Sunburn" are disclaimed apart from the mark.
For Product for Sunburn Preparation.
Claims use since May 9, 1938.

Ser. No. 406,468. W. (WALTER) H. RUNYAN, Rapid City, S. Dak. Filed May 18, 1938.



NO-IC

For Anti-Freeze Solution for Gasoline Motor Radiators.
Claims use since June 1, 1937.

Ser. No. 406,491. BREWER & COMPANY, INC., Worcester, Mass. Filed May 19, 1938.

THESODATE

For Tablet Indicated in the Treatment of Certain Conditions Due to Circulatory Disorders.
Claims use since Apr. 18, 1938.

Ser. No. 406,565. ROCHE-ORGANON, INC., Nutley, N. J. Filed May 20, 1938.

HEMAQUID

For Medicinal Preparation Used as a Blood Anti-Coagulant.
Claims use since Apr. 8, 1938.

Ser. No. 406,618. VICK CHEMICAL COMPANY, New York, N. Y. Filed May 23, 1938.

VICKS
A-Q

Applicant is owner of T. M. Reg. No. 123,667 effected under the 10-year proviso.
For Medicinal Preparation Used in the Treatment or Prevention of Colds and Affections of the Throat and Nasal Passages.
Claims use since May 20, 1938.

Ser. No. 406,673. CARMELO BALDINI, New York, N. Y. Filed May 24, 1938.

EUPLASMINA

For Protein and Protein Compound for Use in Normalizing Abnormal Blood Conditions.
Claims use since May 1, 1938.

Ser. No. 406,775. MARIE RODRIGUEZ, doing business as Lulu Products, New York, N. Y. Filed May 26, 1938.

LuLu

For Shampoo Preparation.
Claims use since Apr. 6, 1938.

CLASS 12

Construction Materials

Ser. No. 403,449. THE FIBRE CONDUIT COMPANY, Orangeburg, N. Y. Filed Feb. 26, 1938. Under 10-year proviso.

ORANGEBURG

For Conduit, Ducts, and Pipes Made of Fibre Composition, and Fittings for the Same.
Claims use since December, 1893.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 391,207. CROWN FASTENER CORPORATION, Warren, R. I. Filed Apr. 12, 1937.

UNION

For Separable Slide Fasteners.
Claims use since Mar. 30, 1937.

Ser. No. 403,290. THE EVEREDY COMPANY, Frederick, Md. Filed Apr. 15, 1938.

Brom Betty

For Casseroles, Including a Crockery Container Supported by a Frame for Use in Ovens and for Table Service.
Claims use since Apr. 14, 1938.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 400,303. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y. Filed Nov. 30, 1937.



The notation "Ni-Cu. Shot" is disclaimed apart from the mark.
For Nickel-Copper Shot.
Claims use since Oct. 13, 1937.

Ser. No. 405,676. ATLANTIC STEEL COMPANY, Atlanta, Ga. Filed Apr. 25, 1938.

SILBRITE

For Galvanized Wire.
Claims use since Mar. 12, 1938.

Ser. No. 405,677. ATLANTIC STEEL COMPANY, Atlanta, Ga. Filed Apr. 25, 1938.

SILVABRITE

For Galvanized Wire.
Claims use since Mar. 18, 1938.

Ser. No. 405,692. THE EIMCO CORPORATION, Salt Lake City, Utah. Filed Apr. 25, 1938.

Super-Molychrome

For Liners or Liner Plates of Cast Metal for Ball Mills, Grinders, Disintegrators, Fulverizers, Crushers, and the Like.
Claims use since Jan. 21, 1937.

Ser. No. 406,216. FRANCIS R. GLENNER, doing business as Homogeneous Equipment Company, Downingtown, Pa. Filed May 11, 1938.

HOMO

For Linings of Tin, Lead, or the Like, Bonded to Steel or Other Metals.
Claims use since Oct. 1, 1930.

Ser. No. 406,354. SOCIÉTÉ ANONYME DES MINERAIS, Luxemburg, Luxemburg. Filed May 14, 1938.

RIN-TIN-TIN

For Various Metals and Metal Alloys, Such as Iron, Steel, and Aluminum, and Including Castings of the Same.
Claims use since May 1, 1937.

CLASS 15

Oils and Greases

Ser. No. 399,229. THE GLOBE OIL & REFINING COMPANY, Wichita, Kans. Filed Nov. 2, 1937.

UTILITY

For Lubricating Oils and Greases and Gasoline.
Claims use since 1933.

Ser. No. 402,354. UNITED STATES AVIEX CORPORATION, Long Island City, N. Y. Filed Jan. 26, 1938.



The letter "A" apart from the mark as shown, is disclaimed.
For Lubricating Oil.
Claims use since Apr. 20, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 392,675. RICHARD BOETTNER, doing business as Wonder Products Company, Salt Lake City, Utah. Filed May 13, 1937.



The words "High Luster Polish" are disclaimed apart from the mark.
For Polish for Furniture, Leather, Linoleum, and Similar Polished or Painted Surfaces.
Claims use since Apr. 15, 1936.

Ser. No. 403,997. LELAND CURTIS, Los Angeles, Calif. Filed Mar. 12, 1938.

DURO-SKI

The drawing is lined for red. The word "Ski" is disclaimed apart from the mark.
For Ski Wax.
Claims use since Jan. 18, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 388,947. GEORGE B. MANSUR, doing business as Caravan Trailer Company, Haverhill, Mass. Filed Feb. 15, 1937.

CARAVAN

For Trailers.
Claims use since January, 1919.

Ser. No. 402,925. AUTO-LEC STORES, INC., New Orleans, La. Filed Feb. 11, 1938.

MOTO-PRIDE

For Slip Covers for Automobiles.
Claims use since May, 1935.

Ser. No. 406,428. THE MAY DEPARTMENT STORES COMPANY, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Filed May 17, 1938.

ROADKING

For Bicycles.
Claims use since Apr. 30, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 398,881. A. M. I. DISTRIBUTING CO., Chicago, Ill. Filed Oct. 25, 1937.

Singing Towers

For Electric Chime Amplifiers, Electric Carillon, and Thermionic Sound Reproducers.
Claims use since Apr. 1, 1936.

Ser. No. 402,356. ZENITH RADIO CORPORATION, Chicago, Ill. Filed Jan. 26, 1938.



No claim is made to the word "Radio" apart from the mark.
For Radio Frequency and Audio Frequency Transmitting and Receiving Apparatus, and Parts Thereof.
Claims use since Jan. 21, 1938.

Ser. No. 403,653. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany. Filed Mar. 3, 1938.



For Thin Sheets of Synthetic Materials for Electrical Insulation Purposes.
Claims use since Feb. 1, 1937.

Ser. No. 404,618. RAYLITE TRADING CO., INC., New York, N. Y. Filed Mar. 29, 1938.



The representation of an electric light bulb apart from the mark as shown is disclaimed.
For Electric Lamp Sockets and Christmas Tree Lighting Outfits.
Claims use since September, 1936.

Ser. No. 404,972. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Apr. 6, 1938.



For Electric Ranges.
Claims use since Dec. 7, 1937.

Ser. No. 405,605. LA MODE STUDIOS, INC., New York, N. Y. Filed Apr. 22, 1938.

FIESTA

For Electric Lamps.
Claims use since Apr. 15, 1938.

Ser. No. 405,888. PASS & SEYMOUR, INC., Syracuse and Solvay, N. Y. Filed Apr. 30, 1938.

SURFEX

For Porcelain Receptacles for Exposed Wiring, Dead-End Switches, Feed-Thru Switches, Keyless Lamp Receptacles, Pull-Chain Lamp Receptacles, Rosettes, Junction Boxes, and Convenience Outlets.
Claims use since May 7, 1936.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 378,197. GARTON TOY CO., Sheboygan, Wis. Filed May 8, 1936.



For Sleds, Velocipedes, Coaster Wagons.
Claims use since Feb. 22, 1936.

Ser. No. 393,241. UNITED PROFIT-SHARING CORPORATION, New York, N. Y. Filed May 25, 1937.

PLA-TYME-KLUB

For Baseballs, Footballs, Basket Balls, Baseball Bats, Tennis Rackets, Hockey Sticks, and Baseball Gloves.
Claims use since May 12, 1937.

Ser. No. 403,836. HELENE L. SWENEY, Nahant, Mass. Filed Mar. 8, 1938.

CROSSETTE

For Games Consisting of a Game Board, or Game Rack, Played with Movable Pieces.
Claims use since Mar. 4, 1938.

Ser. No. 404,192. TYCOON TACKLE, INC., Miami, Fla. Filed Mar. 17, 1938.

The Bimini King

No claim is made to the word "Bimini" apart from the mark as a whole and no claim is made to the word "King" apart from the mark as a whole.
For Fishing Rods.
Claims use since October, 1935.

Ser. No. 405,760. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Filed Apr. 27, 1938.

ESQUIRE PROFESSIONAL

The word "Professional" is disclaimed apart from the mark.
For Billiard Cues.
Claims use since Feb. 25, 1938.

Ser. No. 405,810. ZENON C. R. HANSEN, Gary, Ind. Filed Apr. 28, 1938.

POKER-GOLF

For Dice Game.
Claims use since Feb. 25, 1938.

Ser. No. 405,858. RHYME-A-LINGS COMPANY OF AMERICA, INC., Coytesville, N. J. Filed Apr. 29, 1938.

Rhyme-A-Lings

For Parlor Game Played with Movable Pieces.
Claims use since Mar. 29, 1938.

Ser. No. 406,402. O. SCHOENHUT INC., Philadelphia, Pa. Filed May 16, 1938.

Boddle Ball

No claim is made to the word "Ball" apart from the mark.
For Games Played with a Ball and a Container.
Claims use since May, 1937.

Ser. No. 406,702. ACUSHNET PROCESS COMPANY, Acushnet, Mass. Filed May 25, 1938.

FINALIST

For Golf Balls.
Claims use since May 11, 1938.

Ser. No. 406,728. WILLIAM H. PARKER, Richmond, Va. Filed May 25, 1938.



For Game of Cards.
Claims use since Feb. 1, 1938.

Ser. No. 406,736. JACK POTTER STOCKTON, New York, N. Y. Filed May 25, 1938.

BRIDGE MASTER

For Bridge Playing Machines and Instruction Sheets for Use Therein.
Claims use since Jan. 28, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 363,069. EINAR N. SORENSEN, Fernandina, Fla. Filed Mar. 27, 1935.



The word "Distillers" and the representation of the goods are disclaimed apart from the mark.
For Fuel Vaporizer for Use with Carbureters.
Claims use since Jan. 18, 1935.

Ser. No. 391,252. WHITIN MACHINE WORKS, Whitinsville, Mass. Filed Apr. 12, 1937.



No claim is made to the words "Draft System" except as shown. The drawing is lined for red.
For Roving Frames and Spinning Frames.
Claims use since Mar. 19, 1937.

Ser. No. 391,605. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Filed Apr. 21, 1937.

CORPRENE

For Bushings for Machinery, Finished and Substantially Finished Rolls, and Roll Covers for Textile Mill Usage; Sheet Handling Equipment, Feeding, Conveying, and Polishing Equipment and the like, All of Cork and Synthetic Rubber.
Claims use since Sept. 5, 1935.

Ser. No. 392,834. ALLIS-CHALMERS MANUFACTURING COMPANY, Milwaukee and West Allis, Wis. Filed May 17, 1937.

STRAITLINE

For Adjustable Electrical Motor Bases.
Claims use since Oct. 22, 1935.

Ser. No. 397,180. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa. Filed Sept. 7, 1937.

I.O.A.

For Butcher Knives, Paring Knives, Pocket Knives, Shears and Scissors; Axes, Hammers, Adze, Hatchets, Hand Saws, Cross Cut Saws, Compass Saws, Wood Saws, Cordwood Saws, Drawing Knives, Wood Chisels, Nail Sets, Auger Bits, Drill Bits, Files, Pliers, Wrenches, Trowels, Post Augers, Forks (Hay, Manure, Barley, Header Spading, etc.), Garden Plows, Scythes, Spray Pumps, and Machine Oil Cans.
Claims use since 1907.

Ser. No. 399,323. OTIS PRESSURE CONTROL, INC., Dallas, Tex. Filed Nov. 4, 1937.

"Don't Kill Your Well" Call OTIS

The words "Call" and "Otis" are hereby disclaimed from the mark as shown.
For Oil Well Tools and Oil Producing Equipment—Namely, Chokes, Valves, Drilling Heads, Control Heads, Oil Savers, Tubing Heads, Blowout Preventers, Fluid Pressure Flow Devices, Snubbers, Fishing Tools, Paraffin Scrapers, Packers.
Claims use since Aug. 1, 1937.

Ser. No. 400,405. SOL BROWN, Newark, N. J. Filed Dec. 3, 1937.

•NEW DEAL•

For Trade Stimulating Machines—Namely, Machines for Printing and Delivering Tickets and Token Controlled Machines for Exhibiting Numbers in Connection with Retailed Merchandising.
Claims use since Nov. 19, 1937.

Ser. No. 401,071. ROBERT ST. J. ORR, doing business as California Fire Extinguisher Company, San Francisco, Calif. Filed Dec. 20, 1937.



For Forest Fire Fighting Equipment Comprising Knapsack Fire Pumps, Fire Hoes, Combination Fire Rake and Hoe, Shovels, and Fire Axes.
Claims use on knapsack fire pumps since Apr. 9, 1935; on combination fire rake and hoe since June 24, 1937; and on fire hoes, shovels, and fire axes since Nov. 17, 1937.

Ser. No. 401,856. GENERAL MOTORS CORPORATION, Detroit, Mich. Filed Jan. 13, 1938.

MORAINE

For Machine Elements Made from Metals and Metal Powders, Such as Bearings for Shafts, Etc.
Claims use since Oct. 31, 1930.

Ser. No. 403,184. UNITED DRILL AND TOOL CORPORATION, Chicago, Ill. Filed Feb. 18, 1938.

Double Circle

For Twist Drills, Reamers, Milling Cutters, and Other Metal Cutting Tools.
Claims use since Feb. 4, 1938.

Ser. No. 404,474. LEO G. HAASE, Pasadena, Calif. Filed Mar. 25, 1938.

ARTCO

For Molds and Forms for Molding Concrete Articles.
Claims use since Dec. 31, 1918.

Ser. No. 405,986. MATTHEW A. FORD, doing business as M. A. Ford Mfg. Co., Davenport, Iowa. Filed May 4, 1938.



For Rotary Files and Rasps.
Claims use since Mar. 14, 1930.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 398,108. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich. Filed Oct. 4, 1937.

Auto Kwik

No claim is made for the word "Kwik" apart from the mark.
For Cameras.
Claims use since Sept. 20, 1937.

Ser. No. 404,093. HAROLD W. SLAUSON, New York, N. Y. Filed Mar. 15, 1938.

CHARTCHIEF

For Navigation Instrument of the Protractor Type for Indicating Courses on Charts.
Claims use since Mar. 2, 1938.

Ser. No. 404,808. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich. Filed Apr. 2, 1938.

MICROMATIC

For Cameras, Camera Shutters, and Photographic Equipment, More Specifically Camera Shutters and Film Projectors of all Types.
Claims use since Jan. 24, 1938.

Ser. No. 404,811. CARL JANZER, Stuttgart, Germany. Filed Apr. 2, 1938.

REPROGRAPH

For Photographic Printing Machines and Sensitized Photographic Paper.
Claims use since June 28, 1922.

Ser. No. 405,038. REPRODUCTION EQUIPMENT CORPORATION, New York, N. Y. Filed Apr. 8, 1938.

ZENO

For Apparatus and Materials for Printing, Developing, and Finishing Photo-Prints, and Equipment and Parts Therefor.
Claims use since Feb. 28, 1938.

Ser. No. 405,842. CHARLES BRUNING COMPANY, INC., New York, N. Y. Filed Apr. 29, 1938.

GOLD SEAL

For Blue-Print Paper.
Claims use since Jan. 1, 1914.

Ser. No. 406,073. TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y. Filed May 6, 1938.

CYCLOGUIDE

For Barometers.
Claims use since Aug. 28, 1936.

CLASS 27

Horological Instruments

Ser. No. 397,094. THE WATERBURY CLOCK COMPANY, Waterbury, Conn. Filed Sept. 3, 1937.

the SIGN of GOOD TIME

The words "Good Time" are not claimed apart from the mark.
For Watches.
Claims use since Aug. 26, 1937.

CLASS 30

Crockery, Earthenware, and Porcelain

Ser. No. 399,193. METLOX MANUFACTURING COMPANY, Manhattan Beach, Calif. Filed Nov. 1, 1937.

YORKSHIRE

The word "Yorkshire" is disclaimed except when used in association with the other features of the mark.
For Ceramic Dinnerware.
Claims use since Oct. 1, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 405,848. JOHNS-MANVILLE CORPORATION, New York, N. Y. Filed Apr. 29, 1938.

CHLOR-O-CEL

For Mineral Material in the Nature of a Filter Powder Having Adsorptive and Decolorizing Properties and Adapted for Use as a Decolorizer or "Sweetener" in the Reclaiming of Dry Cleaning Solvents, Including Chlorinated and Other Solvents, and Similar Uses.
Claims use since Apr. 5, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 404,528. JAMESTOWN LOUNGE COMPANY, Jamestown, N. Y. Filed Mar. 26, 1938.

A Master Mark SIGNED PIECE

The words "Mark" and "Signed Piece" are disclaimed apart from the mark.
For Household Furniture, Including Dining Room, Bedroom, and Living Room—Namely, Chairs, Tables, Benches, Footstools, Cabinets, Chests, Beds, Dressers, Sofas, and Davenports Built to Order.
Claims use since Mar. 4, 1938.

Ser. No. 404,529. JAMESTOWN LOUNGE COMPANY, Jamestown, N. Y. Filed Mar. 26, 1938.



The words "Beaver" and "Chairs" are disclaimed apart from the mark.
For Household Furniture—Namely, Chairs and Davenports Built to Order.
Claims use since Mar. 4, 1938.

Ser. No. 405,978. AMERICAN AUTOMATIC DEVICES CO., Chicago, Ill. Filed May 4, 1938.

MOTO-MIRROR

No claim is made to the word "Mirror" apart from the mark.
For Make-Up Mirror Devices.
Claims use since Apr. 21, 1938.

Ser. No. 405,985. DAVID DILLON, New York, N. Y. Filed May 4, 1938.

A DAVID DILLON CREATION
BEAUTYFOLD

The words "A David Dillon Creation" are disclaimed apart from the mark.
For Tables and Cabinets.
Claims use since January, 1938.

Ser. No. 406,040. GRAND RAPIDS UPHOLSTERING COMPANY, Grand Rapids, Mich. Filed May 5, 1938.

GRAND RAPIDS UPHOLSTERING CO.

For Furniture Consisting of Chairs, Sofas, Setees, Davenports, and Occasional Tables.
Claims use since Feb. 15, 1937.

Ser. No. 406,399. OMAHA SHADE COMPANY, Omaha, Nebr. Filed May 16, 1938.

SAK BEN

For Window Shades and Venetian Blinds.
Claims use since Nov. 1, 1937.

Ser. No. 406,574. ASSOCIATED DISPLAYS CORP., New York, N. Y. Filed May 21, 1938.

ShowGuide

For Display Easels.
Claims use since Apr. 15, 1938.

Ser. No. 406,823. PERFECTION MATTRESS & SPRING COMPANY, Birmingham, Ala. Filed May 27, 1938.

Evenrest

For Mattresses.
Claims use since Nov. 1, 1933.

Ser. No. 406,924. HAMILTON MANUFACTURING CO., Two Rivers, Wis. Filed May 31, 1938.

SAFE-T-BABE

For Items of Children's Furniture and Training Accessories—Namely, Children's Nursery Seats, Nursery Chairs, Children's Automobile Seats, Play Pens, Table and Chair Sets, Desks, Chairs, Tables, Cribs, Beds, Dressers, Chifforobes, Costumers, Baby Swings, Baby Jumpers, Deflectors for Nursery Seats, Bookcases, Stools, and Easels.
Claims use since April, 1936.

Ser. No. 406,935. MICHIGAN ARTCRAFT COMPANY, Sparta, Mich. Filed May 31, 1938.

Extensole

For Tables.
Claims use since Mar. 25, 1938.

Ser. No. 406,978. ROBERT W. IRWIN COMPANY, Grand Rapids, Mich. Filed June 1, 1938.

Pendleton
IRWIN

For Bedroom Furniture—Namely, Beds, Chairs, Tables, Bureaus, Chiffoniers, Dressing Tables, and Mirrors; Dining Room Furniture—Namely, Tables, Chairs, Buffets, Serving Tables, Sideboards, and Cabinets; Living Room Furniture—Namely, Sofas, Chairs, Tables, Mirrors, Bookcases, Settees, Benches, Secretaries, Chests, and Desks.
Claims use since Dec. 15, 1937.

Ser. No. 406,988. H. & A. SELMER, INCORPORATED, Elkhart, Ind. Filed June 1, 1938.

PORTA-DESK

The word "Desk" is disclaimed except as shown.
For Combination Foldable Desk and Music Stand.
Claims use since Jan. 14, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 403,303. WILLARD E. BROWN, doing business as Air Conditioning Company, Los Angeles, Calif. Filed Feb. 23, 1938.

C-AIR

For Forced Draft Ventilating Air Cooler.
Claims use since Jan. 15, 1938.

Ser. No. 404,133. NATIONAL STEEL CONSTRUCTION CO., Seattle, Wash. Filed Mar. 16, 1938.

PUREDURE

For Metal Tanks for Liquid—Namely, Hot Water Tanks.
Claims use since Jan. 25, 1938.

Ser. No. 405,828. BENJAMIN F. STEPHENS, doing business as Dean & Stephens, Tulsa, Okla. Filed Apr. 28, 1938.

HEATWAVE

For Gas and Oil Burning Heating Furnaces.
Claims use since Mar. 4, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 380,819. C. F. ADAMS, INCORPORATED, Fort Worth, Tex. Filed July 9, 1936.

ADAMS DURO

The word "Adams" is disclaimed apart from the mark.
For Cup Leathers, Valve Leathers, Crimps, U Packings, and Leather Washers for Pumps and the Like.
Claims use since Feb. 1, 1917.

Ser. No. 391,440. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed Apr. 16, 1937.

ROYAL
SPECIAL SERVICE

The words "Special" and "Service" are disclaimed apart from the mark.
For Rubber Tires for Vehicles.
Claims use since Oct. 22, 1936.

Ser. No. 404,547. THE RUSSELL MANUFACTURING COMPANY, Middletown, Conn. Filed Mar. 26, 1938.

RUSCO
FUSED FABRIC

No claim is made to the words "Fused Fabric" apart from the mark.
For Fused Friction Fabrics for Brakes, Clutches, and Shock-Absorbers.
Claims use since Mar. 14, 1938.

Ser. No. 405,527. SEALED POWER CORPORATION, Muskegon Mich. Filed Apr. 20, 1938.

STA-TITE M.D.

The words "Sta-Tite" are disclaimed as applied to this particular mark.
For Piston Rings.
Claims use since Mar. 1, 1938.

Ser. No. 406,301. RESISTOFLEX CORPORATION, New York, N. Y. Filed May 13, 1938.

RESISTOFLEX

For Flexible Tubes, Hose, Pipes, Sheets, and Films Made in Whole or in Part of Polyvinyl Alcohol for Use in the Conveying, Storing, and Handling of Oils, Gasoline, and Organic Solvents.
Claims use since Dec. 27, 1937.

Ser. No. 406,994. TRICO PRODUCTS CORPORATION, Buffalo, N. Y. Filed June 1, 1938.

TRICO

For Hose.
Claims use since August, 1921.

CLASS 36

Musical Instruments and Supplies

Ser. No. 395,156. LOUIS SORKIN, doing business as Sorkin Music Company, New York, N. Y. Filed July 12, 1937.

BLUEBIRD

For Guitars, Tenor Guitars, Mandolins, Ukuleles, Harmonicas, Jaw Harps, Banjos, and Strings.
Claims use since 1923.

Ser. No. 405,045. THE RUDOLPH WURLITZER COMPANY, De Kalb, Ill. Filed Apr. 8, 1938.

ACCORDOPHONE

For Accordions.
Claims use since Apr. 5, 1938.

Ser. No. 405,837. CHARLES C. WEIDEMANN, Columbus, Ohio. Filed Apr. 29, 1938.

TUNAPHONE



For Hand Supported Musical Instruments of the Xylophone Type.
Claims use since Jan. 15, 1938.

CLASS 37

Paper and Stationery

Ser. No. 381,489. WALTER J. MATTSON, Brooklyn, N. Y. Filed July 27, 1936.

ENVELETTE

For Combination Letter and Envelope.
Claims use since July 8, 1936.

Ser. No. 399,461. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.

TIMBERLAND

For Paper—Namely, Book Paper.
Claims use since Oct. 2, 1936.

Ser. No. 399,462. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.

PEDIGREED

For Paper—Namely, Book, Text, Label, Poster, Drawing, Offset, Bond, Ledger, "Mimeograph", Writing, Manila, Printing, Bristol, Postcard, Sign, Wrapping, and Embossed Paper.
Claims use since May 6, 1936.

Ser. No. 399,463. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.



The drawing is lined for red. The figure is fanciful.
For Paper—Namely, Bond, "Mimeograph", and Ledger.
Claims use since June, 1934.

Ser. No. 399,467. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.

SAN-DRY

No claim is made to the word "Dry" apart from the mark.

For Paper—Namely, Wrapping Paper, Especially for the Use of Butchers.

Claims use since Oct. 29, 1932.

Ser. No. 402,586. ACME WINDOW DISPLAY SERVICE INC., New York, N. Y. Filed Feb. 2, 1938.

Redi-trim

For Corrugated Paper.

Claims use since Jan. 17, 1938.

Ser. No. 404,053. MENASHA PRODUCTS COMPANY, Menasha, Wis. Filed Mar. 14, 1938.

PARAP

For Wax-Rubber Tape in Roll Form Adapted for Use as a Floral Wrapping Tape.

Claims use since Jan. 26, 1938.

Ser. No. 404,772. NATION WIDE SERVICE BUREAU, Memphis, Tenn. Filed Apr. 1, 1938.



For Business Cards, Solicitors' Folding Cards, Litho-Letterheads, Home Office Envelopes, Branch Analysis Sheets, Envelopes, Postage Saver Envelopes, Business Reply Envelopes, Announcement Cards and Envelopes, Weekly Reports, Instruction Manual Sheets, Official Receipts, Stock Cards, Monthly Reports, Purchase Orders, Commission Vouchers, Daily Branch Visit Reports, Journal Vouchers, Interoffice Coupons, Departmental Communications, Petty Cash Envelopes, Shipping Tickets, Interoffice Letterheads, Office Call Slips, Appointment Slips, Application Blanks, Order Blanks, Service Record Cards, Agreement Cards, Introduction Slips, Solicitors' Reports, Commission Statements, Applicant Qualification Slips, Confidential Reports, Firm Cards, Departmental Reports, Abstract Circulars, Commission Notes, Ledger Cards, Interview Contracts, Return Post Cards, Advertising Labels, Expense Waivers, Business Brokerage Agreements, Business Brokerage Contracts of Sale, Business Brokerage Listing Cards, Business Brokerage Postal Cards, Sold as Such.

Claims use since Aug. 25, 1935.

Ser. No. 405,632. CARBON SYSTEMS, INC., Kansas City, Mo. Filed Apr. 23, 1938.

Speedrite

For Commercial and Business Forms, Both Plain and Printed, in the Nature of Invoices, Statements, Accounting Forms, Bank Checks, Either Single or Manifold, Insert Sheets Both Carbonized and Plain.

Claims use since Dec. 24, 1937.

Ser. No. 405,805. BROWN COMPANY, Portland, Maine, and Berlin, N. H. Filed Apr. 28, 1938.

QUALIZED

For Paper Towels.

Claims use since Feb. 23, 1938.

Ser. No. 405,991. CHARLES F. HUBBS & COMPANY, New York, N. Y. Filed May 4, 1938.

SHREDPAK

For Packing Paper.

Claims use since Nov. 1, 1935.

CLASS 39

Clothing

Ser. No. 381,917. OLD COLONY KNITTING MILLS, INC., Hingham, Mass. Filed Aug. 7, 1936.

Colony Club

For Knitted Sportswear—Namely, Sweaters, Scarves, Socks; and Children's, Misses', and Women's Dresses.

Claims use since Jan. 1, 1934.

Ser. No. 401,118. PITTSBURGH GARTER COMPANY, Pittsburgh, Pa. Filed Dec. 21, 1937.

Keystone

For Men's Suspenders and Braces, Women's Garters, Hose Supporters, and Girdles.

Claims use since Jan. 1, 1918.

Ser. No. 402,189. IMPERIAL HOSIERY COMPANY, Pittsburgh, Pa. Filed Jan. 21, 1938.

chick-a-dee

For Shorts, Beach-Pants, Overalls, Beach-Skirts, Knitted and Flat Underwear for Women, Hosiery.

Claims use since June 1, 1937.

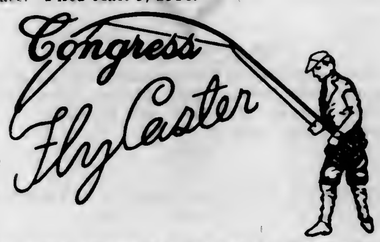
Ser. No. 403,383. WOLFE & LANG, INC., New York, N. Y. Filed Feb. 24, 1938.

Hi-There!
FORTUNA

For Women's Silk and Rayon Panties, Girdles, and Combination Girdle-Step-Ins.

Claims use since Feb. 2, 1938.

Ser. No. 403,858. CONGRESS SHIRT COMPANY, Boston, Mass. Filed Mar. 9, 1938.



For Sport Jackets and Parkas for Use by Men and Young Men.

Claims use since Feb. 1, 1938.

Ser. No. 404,606. W. T. GRANT COMPANY, New York, N. Y. Filed Mar. 29, 1938.

WEARITE

Applicant is the owner of Reg. Nos. 115,887 (renewed); 210,082; 222,433; and 269,311—subject of each being "Wearite".

For Garters.

Claims use since Oct. 29, 1934.

Ser. No. 405,515. NELSON & COMPANY, Wilkes-Barre, Pa. Filed Apr. 20, 1938.

NELCO BUILT

No claim is made to the word "Built" apart from the mark.

For Men's and Boys' Trousers, Breeches, Coats, Jackets, Suits, Overcoats, and Top Coats.

Claims use since Jan. 1, 1938.

Ser. No. 405,550. CLEAR WEAVE HOSIERY STORES, INC., Jamaica Plain, Boston, Mass. Filed Apr. 21, 1938.



The words "Chiffon" and "Clear Weave" are disclaimed apart from the mark. The picture is fanciful.

For Women's and Girls' Hosiery.

Claims use since Oct. 6, 1936.

Ser. No. 405,560. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Apr. 21, 1938.

Crosley
Arms

"Crosley" is disclaimed apart from the mark.

For Men's and Boys' Topcoats and Overcoats.

Claims use since Feb. 24, 1938.

Ser. No. 405,704. SHEILA-LYNN, INC., New York, N. Y. Filed Apr. 25, 1938.

tropictone

For Women's and Misses' Dresses.

Claims use since Mar. 14, 1938.

Ser. No. 405,924. FRANK & MEYER NECKWEAR COMPANY, St. Louis, Mo. Filed May 2, 1938.

SWING

For Neckwear—Namely, Men's and Boys' Neckties, Cravats, and Mufflers.

Claims use since Apr. 23, 1938.

Ser. No. 405,932. THE L. V. MARKS & SONS CO., Cincinnati, Ohio. Filed May 2, 1938.

Air-bilt

For Shoes of Leather and Fabric and a Combination of These Materials.
Claims use since Apr. 20, 1938.

Ser. No. 406,003. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed May 4, 1938.

E
Z
UP

For Hosiery.
Claims use since Nov. 29, 1937.

Ser. No. 406,110. BERNARD DRESS MFG. CO., INC., Buffalo, N. Y. Filed May 9, 1938.

Glory Zip

For Women's Wash Dresses and Housecoats.
Claims use since Feb. 15, 1938.

Ser. No. 406,180. EDMONT MANUFACTURING CO., Coshocton, Ohio. Filed May 10, 1938.

DOFF and DON

For Gloves Made of Rubber and Fabric.
Claims use since Mar. 10, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 393,090. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed May 21, 1937.

MOTOROBE

Applicant disclaims the word "Motorobe" apart from the mark.
For Automobile Robes.
Claims use since Mar. 18, 1938.

Ser. No. 402,674. BARNETT CANVAS GOODS & BAG CO., INC., Philadelphia, Pa. Filed Feb. 4, 1938.

BARCO-DEX

No claim is made to the word "Barco" apart from the mark.
For Canvas Piece Goods.
Claims use since Jan. 10, 1938.

Ser. No. 403,434. TREMONT MILLS CORPORATION, New York, N. Y. Filed Feb. 25, 1938.

ARA RIB

For French Trimming Ribbon Sold by the Yard, Piece, or Bolt for Hats, Dresses, Suits, Blouses, Belts, Lacings, Neck Ties, Bandos, Hair Bows, and the Like.
Claims use since Jan. 10, 1938.

Ser. No. 404,783. TERHUNE, YEREANCE & WOLFF, INC., New York, N. Y. Filed Apr. 1, 1938.

Andes Shetland SUITING

The words "Andes", "Shetland", and "Suiting" are disclaimed apart from the mark.
For Fabrics in the Piece.
Claims use since November, 1937.

Ser. No. 404,963. TERHUNE, YEREANCE & WOLFF, INC., New York, N. Y. Filed Apr. 6, 1938.

Rob-Ette CHEVIOT

The word "Cheviot" is disclaimed.
For Woolen Fabrics in the Piece.
Claims use since November, 1937.

Ser. No. 405,152. DEXTER WOOLEN CORPORATION, New York, N. Y. Filed Apr. 12, 1938.

D&W Confetti TWEED

The word "Tweed" is disclaimed apart from the mark.
For Wool Piece Goods.
Claims use since Apr. 8, 1938.

Ser. No. 405,346. CAVENDISH TRADING CORPORATION, New York, N. Y. Filed Apr. 16, 1938.

Cavencraft

WHITE BEAUTY

The words "White Beauty" are disclaimed apart from the mark.
For Sheets and Pillow Cases.
Claims use since June 1, 1935.

Ser. No. 405,449. MAX LEVINE & CO., New York, N. Y. Filed Apr. 19, 1938.

10° Below

For Spun Rayon Piece Goods.
Claims use since Feb. 15, 1938.

Ser. No. 405,793. STERLING TEXTILE PRINTERS, INC., New York, N. Y. Filed Apr. 27, 1938.

an Exclusive LAC-ER-SHEEN PRINT A Sterling PROCESSED FABRIC

The words "Sheen", "An Exclusive", "Print", "A", "Sterling Processed Fabric", and "L" are disclaimed apart from the mark.
For Silks, Rayons, and Cotton Goods in the Piece.
Claims use since Sept. 15, 1937.

Ser. No. 405,794. STERLING TEXTILE PRINTERS, INC., New York, N. Y. Filed Apr. 27, 1938.

an Exclusive VEL-O-SHEEN PRINT A Sterling PROCESSED FABRIC

The words "Sheen", "An Exclusive", "Print", "A", "Sterling Processed Fabric", and "L" are disclaimed apart from the mark.
For Silks, Rayons, and Cotton Goods in the Piece.
Claims use since Sept. 15, 1937.

Ser. No. 405,879. JONETTE KNITTING MILLS INC., New York, N. Y. Filed Apr. 30, 1938.

FUR-GLOW

The word "Fur" is disclaimed apart from the mark.
For Cotton, Woolen, and Rayon and Cotton, Woolen, and Rayon Mixtures in the Piece.
Claims use since May 15, 1937.

Ser. No. 405,882. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I. and New York, N. Y. Filed Apr. 30, 1938.

Dovelora

For Worsted Flannel in the Piece.
Claims use since Feb. 10, 1938.

Ser. No. 406,051. DUPLAN SILK CORPORATION, New York, N. Y. Filed May 6, 1938.

WEXLA

For Textile Fabrics in the Piece—Namely, Silk Fabrics, Satin Fabrics, Rayon Fabrics, Cotton Fabrics and Mixtures Thereof.
Claims use since Apr. 20, 1938.

Ser. No. 406,055. HODGES CARPET COMPANY, Indian Orchard, Mass. Filed May 6, 1938.

SURAKA

For Sisal Rugs and Carpets.
Claims use since 1933.

Ser. No. 406,078. COLORBRITE TEXTILES, INC., New York, N. Y. Filed May 2, 1938.

VELVA-TUFT

A PRODUCT OF
COLORBRITE TEXTILES, Inc.

The words "A Product Of" and "Textiles, Inc." are disclaimed apart from the mark.
For Cotton Bath Mats and Toilet-Seat Cotton Lid-Covers.
Claims use since Jan. 15, 1938.

Ser. No. 406,195. SCHNEIDER & ARMITAGE, New York, N. Y. Filed May 10, 1938.

Durangora

For Woolen Piece Goods.
Claims use since Mar. 15, 1938.

Ser. No. 406,231. ALBERT D. SMITH & CO., New York, N. Y. Filed May 11, 1938.

PLUVIA CLOTH

The word "Cloth" is disclaimed apart from the mark.
For Cotton Goods in the Piece and Shadecloth in the Piece.
Claims use since May 2, 1938.

Ser. No. 406,238. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed May 12, 1938.

CHAMONESE

For Piece Goods Made Wholly or Partially of Cellulose Derivatives.
Claims use since May 10, 1938.

Ser. No. 406,279. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y. Filed May 13, 1938.

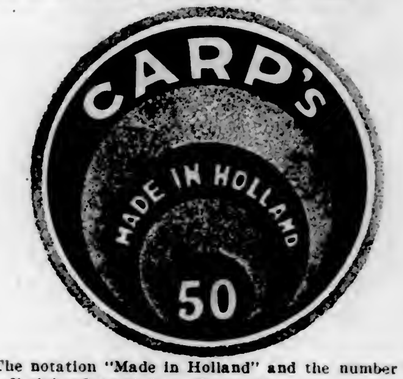
SUEDEMOSS

For Pile Fabrics in the Piece Composed of Mohair and Cotton.
Claims use since May 10, 1938.

CLASS 43

Thread and Yarn

Ser. No. 404,631. J. A. CARP'S GARENFABRIEKEN N. V. Helmond, Netherlands. Filed Mar. 30, 1938.



The notation "Made in Holland" and the number "50" are disclaimed apart from the mark.
For Thread and Yarn of all Kinds.
Claims use since Jan. 15, 1938.

Ser. No. 405,644. THE HACKER IMPORT CORPORATION, New York, N. Y. Filed Apr. 23, 1938.



The word "Yarn" and the representation of the hank of yarn are disclaimed apart from the mark.
For Yarns.
Claims use since Apr. 21, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 399,283. ELMER T. HELMS, Eugene, Oreg. Filed Nov. 3, 1937.

DR. HELMS
PROTECTS YOUR FEET
FLEX-ARCH

The words "Protects Your Feet" are disclaimed apart from the mark.
For Arch Supports.
Claims use since July 1, 1934.

Ser. No. 401,913. THE WILLIAMS GOLD REFINING COMPANY, INC., Buffalo, N. Y. Filed Jan. 14, 1938.



For Casting Metals Used in Dentistry.
Claims use since Sept. 1, 1937.

Ser. No. 405,465. SONOTONE CORPORATION, Elmsford, N. Y. Filed Apr. 19, 1938.

AUDITRON

For Hearing-Aid Devices and Acoustic Elements and Accessories Thereof—Namely, Sound Transmitters, Telephone Receivers, Hearing-Inducing Bone Oscillators, and Electric Sound Amplifiers.
Claims use since Dec. 8, 1937.

Ser. No. 405,893. ROBERT J. PIERCE, INC., New York, N. Y. Filed Apr. 30, 1938.

Comet

For Prophylactic Rubber Articles for the Prevention of Contagious Diseases.
Claims use since Nov. 1, 1932.

Ser. No. 406,409. JOHN WYETH AND BROTHER, INCORPORATED, Philadelphia, Pa. Filed May 16, 1938.

AMPHOJEL

For Gastric Drip Apparatus.
Claims use since Apr. 15, 1938.

Ser. No. 406,531. SONOTONE CORPORATION, New York, N. Y. Filed May 19, 1938.

PERCEPTOSCOPE

For Devices for Fitting a Hearing-Aid to the Needs of a Person of Impaired Hearing, and the Elements and Accessories Thereof.
Claims use since May 16, 1938.

Ser. No. 406,686. S. H. KRESS AND COMPANY, New York, N. Y. Filed May 24, 1938.

SANIKLEEN

For Dental Floss.
Claims use since Mar. 10, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 402,515. JOHN G. FOX, doing business as J. G. Fox & Co., Seattle, Wash. Filed Jan. 31, 1938.

Foxy

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Jan. 12, 1938.

Ser. No. 404,077. CALDWELL MINERAL WATER CORP., Caldwell Township, N. J. Filed Mar. 15, 1938.

Munkacsy's

MUNKACSY NATURAL MINERAL WATER

No claim is made to the words "Mineral", "Water", or "Natural" except as shown.
For Bottled Water.
Claims use since Dec. 30, 1937.

Ser. No. 406,543. ABOU SIMON BAILIS, Mount Vernon, N. Y. Filed May 20, 1938.



For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks, and Sirups and Extracts for Making the Same.
Claims use since Jan. 1, 1926.

Ser. No. 406,612. J. R. WATKINS COMPANY, Winona, Minn. Filed May 21, 1938.



J. R. Watkins

The signature and portrait are those of J. R. Watkins, deceased.
For Syrups, Extracts, Flavors and Imitation Flavors, Herb, Vegetable, and Fruit Compounds To Be Used in the Preparation of Non-Alcoholic, Non-Cereal, Maltless Beverages.
Claims use since July, 1933.

Ser. No. 406,648. R. H. MACY & CO., INC., New York, N. Y. Filed May 23, 1938.

Sparkoffee

For Non-Alcoholic Carbonated Coffee Beverage.
Claims use since May 2, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 389,191. NATIONAL FOOD PRODUCTS CO., New Orleans, La. Filed Feb. 20, 1937.

CHALMETTE

For Alimentary Paste Products.
Claims use since Jan. 5, 1937.

Ser. No. 394,064. SCATENA-GALLI FRUIT COMPANY, San Francisco, Calif. Filed June 14, 1937.

WEST BEST

SCATENA-GALLI FRUIT CO.

No claim is made to the word "Best" apart from the mark.
For Fresh Fruits—Namely, Fresh Avocados, and Fresh Vegetables—Namely, Fresh Asparagus.
Claims use since Mar. 20, 1937.

Ser. No. 394,073. LYON FISH COMPANY, Minneapolis, Minn. Filed June 14, 1937.



The drawing is lined for red, green, and blue, and shaded for black.
For Canned Fish of All Kinds.
Claims use since Oct. 21, 1936.

Ser. No. 396,338. ANTONIO MARQUES ARBONA, Arecibo, P. R. Filed Aug. 12, 1937.



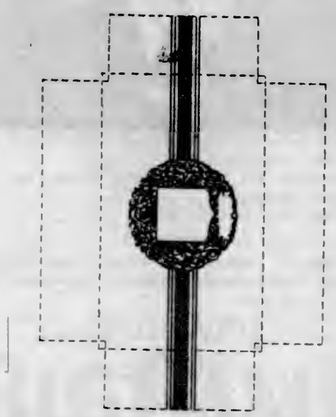
No claim is made to the word "Brand" apart from the mark.
For Fresh Pineapple.
Claims use since June 21, 1937.

Ser. No. 397,295. PHOENIX PIE COMPANY, Portsmouth, Ohio. Filed Sept. 10, 1937.

Phoenix Pies

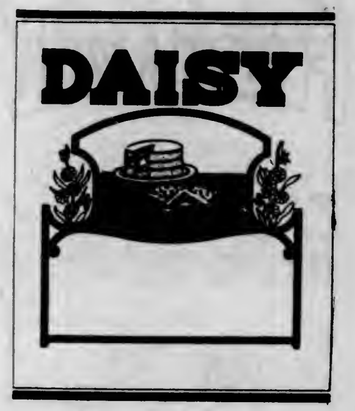
No claim is made to the representation of the goods as such, nor to the word "Pies".
For Pies.
Claims use since Aug. 8, 1931.

Ser. No. 399,706. JOHN O. GILBERT CHOCOLATE COMPANY, Jackson, Mich. Filed Nov. 13, 1937.



The representation of a package is disclaimed.
For Candy.
Claims use since Sept. 2, 1937.

Ser. No. 399,971. HUDSON BROTHERS MILLING CO., doing business as Hudson Bros., Sanborn, N. Y. Filed Nov. 20, 1937.



The representations of a cake and a pie are disclaimed apart from the mark.
For Pastry Flour.
Claims use since Jan. 1, 1921.

Ser. No. 400,743. ARTHUR W. BELCHER, San Francisco, Calif. Filed Dec. 11, 1937.



For Fresh Cooked Fish and Shell-Fish.
Claims use since Sept. 1, 1935.

Ser. No. 401,794. ST. CLAIR FOODS COMPANY, McAllen, Tex. Filed Jan. 11, 1938.

Royal Rio

For Canned Foods—Namely, Canned Fruit Juices for Food Purposes.
Claims use since Dec. 24, 1937.

Ser. No. 402,620. HOWARD E. BAGNALL, doing business as The Bagnall Co., Kansas City, Mo. Filed Feb. 3, 1938.

FESTIVAL

For Bird Seed and Dog Food.
Claims use since Mar. 1, 1937.

Ser. No. 403,424. RUSSIAN TEA ROOM RESTAURANT, INC., New York, N. Y. Filed Feb. 25, 1938.



For Candies, Creamed Mushrooms, and Borsch.
Claims use since Mar. 31, 1932.

Ser. No. 403,787. SARGENT & COMPANY, Des Moines, Iowa. Filed Mar. 7, 1938.



The representation of the sack and the words "Sargent", "Mlnral Meat Meal", and "Feeds" are disclaimed apart from the mark.
For Feed for Live Stock and Poultry.
Claims use since Jan. 1, 1934.

Ser. No. 404,253. JUNGE BAKING COMPANY, Joplin, Mo. Filed Mar. 19, 1938.

It's LIFE Bread

The word "Bread" is disclaimed apart from the mark.
For Bread.
Claims use since Dec. 30, 1937.

Ser. No. 405,036. THE REINDEER FROZEN CUSTARD COMPANY, Washington, D. C. Filed Apr. 8, 1938.



For Frozen Custard.
Claims use since Mar. 1, 1934.

Ser. No. 405,040. SOCIETE MENIER, Paris, France. Filed Apr. 8, 1938.

"A MEAL IN A MINUTE"
MENIER-MALT
CHOCOLATE FLAVORED MALT



All wording except "Menier" and "Estb. 1816" is disclaimed apart from the mark.
For Chocolate and Malt Flavored Powder for Use in Making Food Beverages.
Claims use since Sept. 23, 1937.

Ser. No. 405,417. MELBOURNE SPURR, doing business as Spurrway Manufacturing Company, Los Angeles, Calif. Filed Apr. 18, 1938.

HAWAIIAN
ROYAL
LUAU

No claim is made to the word "Hawaiian" apart from the mark.
For Beefsteak Sauce.
Claims use since Dec. 29, 1937.

Ser. No. 405,724. STUART LEE JAFFRAY, INC., Brooklyn, N. Y. Filed Apr. 26, 1938.

FERMAZETT

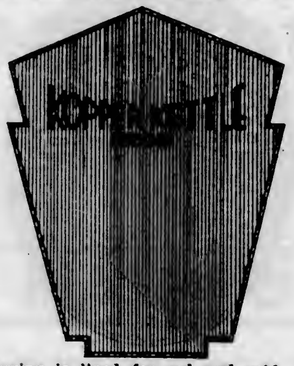
For Yeast Food Used in Bread Making to Stimulate the Yeast.
Claims use since Apr. 14, 1938.

Ser. No. 405,725. STUART LEE JAFFRAY, INC., Brooklyn, N. Y. Filed Apr. 26, 1938.

RYEZETT

For Malt Preparation in Powder Form for Bread Making.
Claims use since Apr. 11, 1938.

Ser. No. 405,980. J. D. ARMSTRONG, doing business as Kopper Kettle Preserving Co. and Kopper Kettle Syrup Co., Los Angeles, Calif. Filed May 4, 1938.



The drawing is lined for red and gold. The word "Brand" is disclaimed.
For Jellies, Jams, Fruit Preserves, Marmalades, and Table Syrup.
Claims use since January, 1934.

Ser. No. 406,243. THE EUCLID CANDY CO. OF CALIFORNIA, INC., San Francisco, Calif. Filed May 12, 1938.

BIG GAME

For Candy.
Claims use since Apr. 27, 1938.

Ser. No. 406,304. UNITED PURE FOOD CO., New York, N. Y. Filed May 13, 1938.

CENTEN

For Olive Oil.
Claims use since Feb. 3, 1938.

Ser. No. 406,380. GRIGGS CANNING COMPANY, Natalia, Tex. Filed May 16, 1938.

NATEX

For Canned Vegetables.
Claims use since June 1, 1932.

Ser. No. 406,381. GRIGGS CANNING COMPANY, Natalia, Tex. Filed May 16, 1938.

Rancho Grande

For Canned Vegetables.
Claims use since Aug. 15, 1937.

Ser. No. 406,392. LOMA LINDA FOOD COMPANY, Loma Linda, Calif. Filed May 16, 1938.

NUTEENA

For Vegetable Food Resembling Meat.
Claims use since Mar. 1, 1933.

Ser. No. 406,393. LOMA LINDA FOOD COMPANY, Loma Linda, Calif. Filed May 16, 1938.

PROTEENA

For Purely Vegetable Food Composed of Nuts, Grains, and Herbs with Flavoring.
Claims use since Feb. 28, 1933.

Ser. No. 406,396. JOE LOWE CORPORATION, New York, N. Y. Filed May 16, 1938.

SCOTCHSICLE

For Frozen Confections.
Claims use since Apr. 28, 1938.

Ser. No. 406,442. CANE GROWERS COOPERATIVE ASSOCIATION, Cairo, Ga. Filed May 18, 1938.

CO-SY

For Table Syrup.
Claims use since Feb. 22, 1938.

Ser. No. 406,603. THE RIVERSIDE HEIGHTS ORANGE GROWERS ASSOCIATION, Riverside, Calif. Filed May 21, 1938.

PEPPER LEAF

For Fresh Citrus Fruit.
Claims use since February, 1912.

Ser. No. 406,819. THE MIDLAND FLOUR MILLING COMPANY, Kansas City, Mo. Filed May 27, 1938.



GRAN AGUANTE

The figure is fanciful.
For Wheat Flour.
Claims use since May 12, 1938.

CLASS 47

Wines

Ser. No. 402,871. SOUTHLAND WINE CORPORATION, Richmond, Va. Filed Feb. 9, 1938.

DeLuxe

For Wines.
Claims use since Dec. 15, 1937.

Ser. No. 402,872. SOUTHLAND WINE CORPORATION, Richmond, Va. Filed Feb. 9, 1938.

Royal Bengal

Applicant disclaims the name "Bengal" apart from the mark.
For Wines.
Claims use since Dec. 15, 1937.

Ser. No. 402,873. SOUTHLAND WINE CORPORATION, Richmond, Va. Filed Feb. 9, 1938.

Velvet Rose

For Wines.
Claims use since Dec. 15, 1937.

Ser. No. 405,033. THE PADDINGTON CORPORATION, New York, N. Y. Filed Apr. 8, 1938.

BIRTHDAY

For Domestic and Imported Wines.
Claims use since Apr. 2, 1938.

Ser. No. 405,145. WALL STREET LIQUOR CORP., New York, N. Y. Filed Apr. 11, 1938.

VERLAINE

For Wines.
Claims use since March, 1937.

CLASS 48

Malt Beverages and Liquors

Ser. No. 402,994. ROGER WILLIAMS BREWING CORPORATION, Providence, R. I. Filed Feb. 12, 1938.



The word "Polskiepiwo" is disclaimed apart from the mark. The drawing is lined for red.
For Beer and Ale.
Claims use since Nov. 1, 1937.

Ser. No. 406,286. A. GETTELMAN BREWING CO., Milwaukee, Wis. Filed May 13, 1938.

Rathskeller

For Beer.
Claims use since Apr. 12, 1938.

Ser. No. 406,341. LION BREWERY OF NEW YORK CITY, New York, N. Y. Filed May 14, 1938.

DeLuxe

For Beer and Ale.
Claims use since May 10, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 381,213. A. MORAMARCO, doing business as California Mission Vintage Co., Los Angeles, Calif. Filed July 20, 1936.

OLD MISSION BRAND



No claim is made to the word "Brand".
For Brandy.
Claims use since 1914.

Ser. No. 403,012. MISSION DRY CORPORATION, Los Angeles, Calif. Filed Feb. 14, 1938.

MISSION

For Gin and Sloe Gin.
Claims use since Oct. 16, 1933.

Ser. No. 403,394. BISCEGLIA BROTHERS CORP., Philadelphia, Pa. Filed Feb. 25, 1938.

MARGO

For Brandy, Whiskey, Gin, Rum, and Alcoholic Cordials.
Claims use since Feb. 1, 1938.

Ser. No. 405,600. GORDON'S DRY GIN COMPANY LIMITED, Linden, N. J., and New York, N. Y. Filed Apr. 22, 1938.

GIMLET

For Alcoholic Cocktails.
Claims use since 1920.

Ser. No. 406,236. WAKEM & MCLAUGHLIN, INCORPORATED, Chicago, Ill. Filed May 11, 1938.

WM BEEWON BRAND

Applicant disclaims the word "Brand" apart from the mark.
For Whiskey, Gin, Brandy, and Liqueurs.
Claims use since May 6, 1938.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 387,617. ANCHOR CAP & CLOSURE CORPORATION, Long Island City, N. Y. Filed Jan. 9, 1937.

PACKET

For Liners for Closure Caps.
Claims use since December, 1931.

Ser. No. 400,090. DENSTEN FELT & HAIR COMPANY, Philadelphia, Pa. Filed Nov. 24, 1937.



For Non-Slip Carpet Cushioning or Padding Consisting of a Felt Material with a Vulcanized Rubber Back.
Claims use since January, 1933.

Ser. No. 401,336. COLD SPRING GRANITE COMPANY, Cold Spring, Minn. Filed Dec. 29, 1937.

DIAMOND PINK

The word "Pink" is disclaimed apart from the mark.
For Stone Monuments, Markers, Tablets, Tombstones, Mausoleums, and Memorials.
Claims use since June 23, 1937.

Ser. No. 406,008. HERIBERT W. HUWERTH, Emporium, Pa. Filed May 2, 1938.

SURE NEST

For Out Door Bird Houses.
Claims use since June 3, 1937.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JULY 5, 1938

358,225. PHOTOGRAPHIC FILMS AND VIEWING DEVICES FOR PHOTOGRAPHIC FILMS. NOVELVIEW, INC., New York, N. Y.
Filed February 4, 1936. Serial No. 374,474. PUBLISHED APRIL 26, 1938. Class 26.

358,226. WOOD FRAMED CARDBOARD CABINETS, CHESTS, AND BOXES USED FOR PACKING AND STORING CLOTHING AND OTHER MERCHANDISE. DECORATIVE CABINET CORP., Brooklyn and New York, N. Y.
Filed November 28, 1936. Serial No. 386,073. PUBLISHED FEBRUARY 16, 1937. Class 2.

358,227. TAILORED-TO-FIT AUTOMOBILE SEAT AND BACK COVERS AND TEMPORARY OR SUMMER COVERINGS TAILORED TO FIT AND ADAPTED TO COVER THE INTERIOR LINING, TRIM, AND FITTINGS OF AUTOMOBILES. FRY PRODUCTS, INCORPORATED, Detroit, Mich.
Filed December 17, 1936. Serial No. 386,854. PUBLISHED APRIL 26, 1938. Class 19.

358,228. BAKED BEANS, BROWN CORNED BEEF HASH, WIENER SANDWICH, HAMBURG SANDWICH, NEW ENGLAND BEEF STEW, SPAGHETTI WITH MEAT BALLS. DECO RESTAURANTS, INC., Buffalo, N. Y.
Filed March 10, 1937. Serial No. 389,873. PUBLISHED APRIL 26, 1938. Class 46.

358,229. COMPOUND FOR CLEANING DENTAL PLATES AND REMOVABLE BRIDGEWORK WITHOUT BRUSHING. MORGAN-SABALOL PRODUCTS, INC., New York, N. Y.
Filed March 12, 1937. Serial No. 389,998. PUBLISHED APRIL 26, 1938. Class 4.

358,230. FURNACE STOKERS AND PARTS THEREOF. AMERICAN ENGINEERING COMPANY, Philadelphia, Pa.
Filed March 17, 1937. Serial No. 390,155. PUBLISHED APRIL 26, 1938. Class 34.

358,231. COLLAPSIBLE BATHTUBS. SOLOMON SADOWSKY, doing business as S. B. Novelty Co., New York, N. Y.
Filed June 14, 1937. Serial No. 394,056. PUBLISHED APRIL 26, 1938. Class 13.

358,232. CRUDE OIL DEHYDRATOR HEADER AND TUBE ASSEMBLIES. JOSEPH A. COY COMPANY, Tulsa, Okla.
Filed June 28, 1937. Serial No. 394,585. PUBLISHED APRIL 26, 1938. Class 34.

358,233. READY MIXED AND PASTE PAINTS, LACQUERS, PAINT EMULSIONS, OIL COLORS, VARNISHES, FILLERS, STAINS, ETC. GILLESPIE VARNISH COMPANY, Jersey City, N. J.
Filed July 19, 1937. Serial No. 395,410. PUBLISHED APRIL 26, 1938. Class 16.

358,234. FRESH CARROTS. M. A. GOTFRIED, doing business as M. A. Gotfried Co., Santa Paula, Calif.
Filed September 3, 1937. Serial No. 397,077. PUBLISHED FEBRUARY 1, 1938. Class 46.

358,235. LADIES' UNDERGARMENTS—NAMELY, SLIPS. BREGSTEIN-RICHMAN, INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,240. PUBLISHED NOVEMBER 23, 1937. Class 39.

358,236. [WITHDRAWN.]

358,237. PREPARED FOOD PRODUCTS—NAMELY, CANNED FRUITS, CANNED VEGETABLES, CANNED TOMATO PASTE, CANNED OLIVES, DRIED FRUITS, GRAPE SYRUP FOR FOOD PURPOSES. RIVERBANK CANNING COMPANY, Riverbank, Calif.
Filed October 4, 1937. Serial No. 398,128. PUBLISHED FEBRUARY 8, 1938. Class 46.

358,238. WINES. WM. H. HOMMEL, doing business as The M. Hommel Wine Co., Sandusky, Ohio.
Filed October 18, 1937. Serial No. 398,619. PUBLISHED FEBRUARY 22, 1938. Class 47.

358,239. WOOLEN AUTOMOBILE ROBES. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed October 19, 1937. Serial No. 398,676. PUBLISHED APRIL 26, 1938. Class 42.

358,240. AUTOMOTIVE AND INDUSTRIAL LUBRICATING EQUIPMENT SUCH AS CABINET TYPE LUBRICATORS, STATIONARY LUBRICANT SYSTEMS, ETC. THE ARO EQUIPMENT CORPORATION, Bryan, Ohio.
Filed October 21, 1937. Serial No. 398,748. PUBLISHED APRIL 26, 1938. Class 23.

358,241. ELECTRIC FLAT IRONS AND FOOT-OPERATED SWITCHES. FRANK C. REILLY, New York, N. Y.
Filed October 27, 1937. Serial No. 399,010. PUBLISHED FEBRUARY 22, 1938. Class 21.

358,242. CANNED FRUIT JUICES FOR FOOD PURPOSES. RIO GRANDE VALLEY CITRUS EXCHANGE, Weslaco, Tex.
Filed November 4, 1937. Serial No. 399,330. PUBLISHED APRIL 26, 1938. Class 46.

358,243. HAND SOAP WHICH CLEANS AND PROTECTS THE HANDS. CLE-SOF PRODUCTS, Chicago, Ill.
Filed November 10, 1937. Serial No. 399,639. PUBLISHED APRIL 26, 1938. Class 4.

358,244. SEA-SHELL CREATIONS—NAMELY, ORNAMENTAL BRIDGE AND PARTY FAVORS, SOUVENIRS, ORNAMENTAL CENTERPIECES, CARICATURES, PLACECARDS, PLACQUES, ORNAMENTAL CURIOS, ORNAMENTAL DOLLS, ORNAMENTAL ANIMALS, ALL MADE FROM NATURAL SHELLS. SHELLCRAFT, INC., Miami, Fla.
Filed November 12, 1937. Serial No. 399,684. PUBLISHED APRIL 26, 1938. Class 50.

358,245. FRESH CITRUS FRUITS. STUART PLACE CITRUS ASSOCIATION, Harlingen, Tex.
Filed November 12, 1937. Serial No. 399,687. PUBLISHED APRIL 26, 1938. Class 46.

358,246. FRESH CITRUS FRUITS. STUART PLACE CITRUS ASSOCIATION, Harlingen, Tex.
Filed November 12, 1937. Serial No. 399,689. PUBLISHED APRIL 26, 1938. Class 46.

358,247. BOYS' AND GIRLS' JUVENILE CLOTHING CONSISTING OF CHILDREN'S WASH SUITS, SHIRTS, BLOUSES, AND TROUSERS, FOR PLAY AND DRESS WEAR, MADE OF FABRICS AND MATERIALS THAT MAY BE WASHED AND LAUNDERED. L. ISAACSON & SONS, INC., New York, N. Y.
Filed November 13, 1937. Serial No. 399,713. PUBLISHED APRIL 19, 1938. Class 39.

358,248. WALL PAPER. DECORATORS WALL PAPER CO., St. Louis, Mo.
Filed November 17, 1937. Serial No. 399,828. PUBLISHED APRIL 26, 1938. Class 37.

358,249. WALL PAPER. DECORATORS WALL PAPER CO., St. Louis, Mo.
Filed November 17, 1937. Serial No. 399,829. PUBLISHED APRIL 26, 1938. Class 37.

358,250. YARNS AND THREADS MADE OF ACETATE, LINEN, SPUN RAYON, SILK, RAYON, COTTON, WOOL, AND BLENDS OF ANY OR ALL OF THESE MATERIALS. DEERING-MILLIKEN & CO., INCORPORATED, New York, N. Y.
Filed November 22, 1937. Serial No. 399,996. PUBLISHED APRIL 26, 1938. Class 43.

358,251. PIECE GOODS OF ACETATE, LINEN, SPUN RAYON, SILK, RAYON, COTTON, WOOL, AND BLENDS OF ANY OR ALL OF THESE MATERIALS, AND SHEETS AND PILLOW CASES. DEERING-MILLIKEN & CO., INCORPORATED, New York, N. Y.
Filed November 22, 1937. Serial No. 399,997. PUBLISHED APRIL 26, 1938. Class 42.

358,252. PIECE GOODS OF ACETATE, LINEN, SPUN RAYON, SILK, RAYON, COTTON, WOOL, AND BLENDS OF ANY OR ALL OF THESE MATERIALS, AND SHEETS AND PILLOW CASES. DEERING-MILLIKEN & CO., INCORPORATED, New York, N. Y.
Filed November 22, 1937. Serial No. 399,998. PUBLISHED APRIL 26, 1938. Class 42.

358,253. OVERALLS, WORK COATS, WORK SHIRTS, AND WORK PANTS. SICELOFF MANUFACTURING COMPANY, Lexington, N. C.
Filed November 23, 1937. Serial No. 400,042. PUBLISHED FEBRUARY 1, 1938. Class 39.

358,254. CUT OUT DETACHABLE INNER LININGS FOR GARMENTS, SAID LININGS HAVING A SUBSTANTIAL CONTENT OF GENUINE CAMEL'S HAIR. THE ALLIGATOR COMPANY, St. Louis, Mo.
Filed November 29, 1937. Serial No. 400,219. PUBLISHED FEBRUARY 1, 1938. Class 39.

358,255. LIQUID EXTRACT OF GARLIC FOR FOOD FLAVORING PURPOSES. OTTO J. HOFFMANN, doing business as Bell's Homeopathic Pharmacy and also as Bell's Homeo. Laboratories, New York, N. Y.
Filed November 29, 1937. Serial No. 400,231. PUBLISHED APRIL 26, 1938. Class 46.

358,256. ADAPTER DEVICES FOR SUBSTITUTION FOR THE BURNER ELEMENTS OF OIL LAMPS TO CONVERT THEM INTO ELECTRIC LAMPS. NORTH AMERICAN ELECTRIC LAMP COMPANY, St. Louis, Mo.
Filed December 6, 1937. Serial No. 400,520. PUBLISHED APRIL 26, 1938. Class 21.

358,257. CANNED FRUIT JUICES FOR FOOD PURPOSES. HUNT BROTHERS PACKING COMPANY, San Francisco, Calif.
Filed December 8, 1937. Serial No. 400,599. PUBLISHED APRIL 26, 1938. Class 46.

358,258. CANNED FRUIT JUICES FOR FOOD PURPOSES. HUNT BROTHERS PACKING COMPANY, San Francisco, Calif.
Filed December 8, 1937. Serial No. 400,600. PUBLISHED APRIL 26, 1938. Class 46.

358,259. FRESH VEGETABLES. R. M. BARKER, doing business as A. E. Barker & Company, Los Angeles, Calif.
Filed December 10, 1937. Serial No. 400,680. PUBLISHED FEBRUARY 15, 1938. Class 46.

358,260. FRUIT PLANTS AND FRUIT TREES. RALPH RAYMOND EMLONG, doing business as Emlong's Nursery, Stevensville, Mich.
Filed December 13, 1937. Serial No. 400,756. PUBLISHED FEBRUARY 15, 1938. Class 1.

358,261. LADIES' SPORTSWEAR—NAMELY, KNITTED DRESSES AND SUITS. KORBY SPORTS WEAR INCORPORATED, New York, N. Y.
Filed December 16, 1937. Serial No. 400,911. PUBLISHED APRIL 19, 1938. Class 39.

358,262. ELECTRIC ARC WELDING MACHINES. WILSON WELDER AND METALS CO., INC., New York, N. Y.
Filed December 22, 1937. Serial No. 401,169. PUBLISHED FEBRUARY 22, 1938. Class 21.

358,263. GARMENT DRYING FORMS SUCH AS FORMS USED FOR DRYING OR SHAPING HOSIERY OR OTHER ARTICLES OF WEARING APPAREL. PARAMOUNT TEXTILE MACHINERY CO., Kankakee and Chicago, Ill.
Filed December 27, 1937. Serial No. 401,272. PUBLISHED APRIL 26, 1938. Class 24.

358,264. CHECKS, DEPOSIT SLIPS, SIGNATURE CARDS, STATEMENT SHEETS, LEDGER SHEETS, LETTER HEADS, PASS BOOKS, BOOK COVERS, NOTICE FORMS, DRAFTS, CASHIERS' CHECKS, CERTIFICATES OF DEPOSIT, MONEY ORDERS, PROMISSORY NOTES, AND RECEIPTS. PETERSON LITHOGRAPH & PRINTING COMPANY, doing business as United States Check Book Company, Omaha, Nebr.
Filed December 27, 1937. Serial No. 401,273. PUBLISHED APRIL 26, 1938. Class 37.

358,265. SCRAPER-CARRIERS AND SCRAPERS USED AS APPARATUS FOR SCRAPING AND MOVING EARTH AND THE LIKE, BULLDOZERS, AND SNOW PLOWS. LA PLANT-CHOATE MANUFACTURING CO. INC., Cedar Rapids, Iowa.
Filed January 3, 1938. Serial No. 401,492. PUBLISHED APRIL 26, 1938. Class 23.

358,266. CANNED FRUITS, RIPE OLIVES, OLIVE OIL, MARMALADE, BOTTLED PIMIENTOS, WATERMELON RIND, AND CANNED CITRUS JUICE FOR FOOD PURPOSES. SUPREME OLIVE OIL CORP., San Fernando, Calif.
Filed January 8, 1938. Serial No. 401,709. PUBLISHED APRIL 26, 1938. Class 46.

358,267. ADHESIVE BINDERS USED IN THE MANUFACTURE OF PAPER AND FIBREBOARD PRODUCTS. AMERICAN BITUMULS COMPANY, Wilmington, Del., and San Francisco, Calif.
Filed January 10, 1938. Serial No. 401,718. PUBLISHED APRIL 26, 1938. Class 5.

358,268. SHAFT SEALS. FRICK COMPANY, Waynesboro, Pa.
Filed January 12, 1938. Serial No. 401,814. PUBLISHED APRIL 26, 1938. Class 35.

358,269. WOOLEN PIECE GOODS. MORRIS W. HAFT & BROS., INC., New York, N. Y.
Filed January 17, 1938. Serial No. 402,001. PUBLISHED APRIL 26, 1938. Class 42.

358,270. FRESH CITRUS FRUITS. RIO GRANDE VALLEY CITRUS EXCHANGE, Weslaco, Tex.
Filed January 17, 1938. Serial No. 402,025. PUBLISHED APRIL 26, 1938. Class 46.

358,271. TOILET SOAP AND SHAVING SOAP. THE ERASMIC COMPANY, LIMITED, Warrington, England.
Filed January 24, 1938. Serial No. 402,253. PUBLISHED APRIL 26, 1938. Class 4.

358,272. WOMEN'S AND MISSES' DRESSES AND BLOUSES. MITCHELL & WEBER, INC., New York, N. Y.
Filed January 27, 1938. Serial No. 402,385. PUBLISHED APRIL 26, 1938. Class 39.

358,273. DOUGHNUTS. E. H. NIELD, doing business as Chesapeake Baking Company, Baltimore, Md.
Filed January 28, 1938. Serial No. 402,434. PUBLISHED APRIL 26, 1938. Class 46.

358,274. GAS APPLIANCES—NAMELY, GAS RANGES. ASSOCIATION OF GAS APPLIANCE AND EQUIPMENT MANUFACTURERS, New York, N. Y.
Filed January 31, 1938. Serial No. 402,502. PUBLISHED MAY 3, 1938. Class 34.

358,275. GAS APPLIANCES—NAMELY, GAS RANGES. ASSOCIATION OF GAS APPLIANCE AND EQUIPMENT MANUFACTURERS, New York, N. Y.
Filed January 31, 1938. Serial No. 402,503. PUBLISHED MAY 3, 1938. Class 34.

358,276. FLOUR SIFTERS. THE WASHBURN COMPANY, Worcester, Mass.
Filed January 31, 1938. Serial No. 402,546. PUBLISHED APRIL 26, 1938. Class 23.

358,277. SLIP COVERS. THE COMFY MANUFACTURING CO., Baltimore, Md.
Filed February 2, 1938. Serial No. 402,591. PUBLISHED APRIL 26, 1938. Class 42.

358,278. POTATOES. ALBERT MILLER & CO., Chicago, Ill.
Filed February 3, 1938. Serial No. 402,641. PUBLISHED APRIL 26, 1938. Class 46.

358,279. BATTERY GAUGES. NICOUD MANUFACTURING CO., Chicago, Ill.
Filed February 3, 1938. Serial No. 402,644. PUBLISHED APRIL 26, 1938. Class 26.

358,280. HUMIDIFIERS AND DEHUMIDIFIERS. CALORIDER CORPORATION, Old Greenwich, Conn.
Filed February 5, 1938. Serial No. 402,717. PUBLISHED APRIL 26, 1938. Class 34.

358,281. LADIES' AND MISSES' SHIRT BLOUSES. L. D. LIVINGSTON & SONS, New York, N. Y.
Filed February 5, 1938. Serial No. 402,730. PUBLISHED APRIL 19, 1938 Class 39.

358,282. LADIES', MISSES', CHILDREN'S, MEN'S, AND BOYS' SPORTWEAR MADE OF LEATHER—NAMELY, SPORT-JACKETS, SUITS, SKIRTS, DRESSES, JERKINS, OVERCOATS, TOPCOATS, BLOUSES, SLACKS, SHORTS, AND BLOUSES. SCHAINMAN SPORTWEAR CO., New York, N. Y.
Filed February 5, 1938. Serial No. 402,743. PUBLISHED APRIL 26, 1938. Class 39.

358,283. PRESERVED FOODS, PARTICULARLY FRUITS AND FRUIT PRESERVES IN CANS AND JARS. BRADENS CALIFORNIA PRODUCTS, INC., Cleveland, Ohio.
Filed February 7, 1938. Serial No. 402,765. PUBLISHED APRIL 26, 1938. Class 46.

358,284. COAL. COMMERCIAL FUEL COMPANY, Pittsburg, Kans.
Filed February 7, 1938. Serial No. 402,768. PUBLISHED APRIL 26, 1938. Class 1.

358,285. STOCK FOOD. UNION RENDERING COMPANY, INC., Baltimore, Md.
Filed February 7, 1938. Serial No. 402,801. PUBLISHED APRIL 26, 1938. Class 46.

358,286. DEFORMABLE RUBBER AND CORK COMPOSITION IN THE FORM OF SHEETS ADAPTED FOR USE AS PARTS OF SHOES, GASKETS, AND OTHER PURPOSES. CLAUDE H. DANIELS, East Portchester, Conn.
Filed February 8, 1938. Serial No. 402,814. PUBLISHED APRIL 26, 1938. Class 1.

358,287. LADIES' AND MISSES' KNITTED SPORT SWEATERS AND TWO-PIECE KNITTED DRESSES. SELECT SPORTSWEAR, INC., New York, N. Y.
Filed February 9, 1938. Serial No. 402,870. PUBLISHED APRIL 19, 1938. Class 39.

358,288. COFFEE. RAY DEININGER & COMPANY, New York, N. Y.
Filed February 11, 1938. Serial No. 402,936. PUBLISHED APRIL 26, 1938. Class 46.

358,289. WOOLEN AND WORSTED PIECE GOODS. B. M. KAUFMAN, INC., New York, N. Y.
Filed February 11, 1938. Serial No. 402,943. PUBLISHED APRIL 26, 1938. Class 42.

358,290. CHEWING GUM. GUMAKERS OF AMERICA, INC., Clifton Heights, Pa.
Filed February 12, 1938. Serial No. 402,971. PUBLISHED APRIL 26, 1938. Class 46.

358,291. THREAD. MAX POLLACK & COMPANY, INC., New York, N. Y.
Filed February 12, 1938. Serial No. 402,984. PUBLISHED APRIL 12, 1938. Class 43.

358,292. EGG PASTE. LA TOURAINE CO., INC., New York, N. Y.
Filed February 14, 1938. Serial No. 403,008. PUBLISHED APRIL 26, 1938. Class 46.

358,293. SOAP PRODUCT FOR CLEANING PAINTED WALLS, PAINTED WOODWORK, LINOLEUM, PORCELAIN, AND LIKE ARTICLES. LESTER E. THOMPSON, doing business as Kleen-Et Products Co., Mansfield, Ohio.
Filed February 14, 1938. Serial No. 403,023. PUBLISHED APRIL 26, 1938. Class 4.

358,294. CARPETS AND RUGS. THE FIFTH CARPET COMPANY, New York, N. Y.
Filed February 15, 1938. Serial No. 403,037. PUBLISHED APRIL 26, 1938. Class 42.

358,295. VEHICLE BRAKES AND PARTS THEREOF. EMPIRE ELECTRIC BRAKE CORPORATION, Dover, Del.
Filed February 16, 1938. Serial No. 403,079. PUBLISHED APRIL 26, 1938. Class 19.

358,296. PORT WINE AND SHERRY. CLEMENTE DA SILVA, doing business as Dalva's Ltd., and C. da Silva, Vila Nova de Gaia, Portugal.
Filed February 18, 1938. Serial No. 403,168. PUBLISHED APRIL 26, 1938. Class 47.

358,297. WOMEN'S AND MISSES' DRESSES, BLOUSES, CULOTTES, LOUNGING PAJAMAS, OUTER ROBES, SLACKS, SKIRTS, AND PLAY SUITS. DAVID MINCHENBERG, New York, N. Y.
Filed February 19, 1938. Serial No. 403,189. PUBLISHED APRIL 26, 1938. Class 39.

358,298. HOSIERY. KRAMER BROS., New York, N. Y.
Filed February 19, 1938. Serial No. 403,213. PUBLISHED APRIL 19, 1938. Class 39.

358,299. HOSIERY. MAY HOSIERY MILLS, INC., Burlington, N. C.
Filed February 19, 1938. Serial No. 403,215. PUBLISHED APRIL 19, 1938. Class 39.

358,300. FROSTED MALTED MILK PREPARATIONS USED FOR MAKING MALTED MILK BEVERAGES AND PREPARED MALTED BEVERAGE. MOLLY-O CORPORATION, Chicago, Ill.
Filed February 19, 1938. Serial No. 403,218. PUBLISHED APRIL 26, 1938. Class 46.

358,301. WOMEN'S AND MISSES' COATS AND SUITS. PHILIP SHLANSKY & BRO., INC., New York, N. Y.
Filed February 18, 1938. Serial No. 403,230. PUBLISHED APRIL 19, 1938. Class 39.

358,302. HOSIERY. LOUIS HIRSCH TEXTILE MACHINES, INC., New York, N. Y.
Filed February 18, 1938. Serial No. 403,231. PUBLISHED APRIL 19, 1938. Class 39.

358,303. TOOLS FOR APPLYING HOSE CLAMPS. BAND-IT COMPANY, Denver, Colo.
Filed February 17, 1938. Serial No. 403,233. PUBLISHED APRIL 26, 1938. Class 23.

358,304. HOSIERY. LOUIS HIRSCH TEXTILE MACHINES, INC., New York, N. Y.
Filed February 18, 1938. Serial No. 403,234. PUBLISHED APRIL 19, 1938. Class 39.

358,305. PRESSURE AND THERMOSTATIC REGULATING VALVE FOR USE IN THE WATER COOLING SYSTEMS OF INTERNAL COMBUSTION ENGINES. EVANS PRODUCTS COMPANY, Detroit, Mich.
Filed February 21, 1938. Serial No. 403,242. PUBLISHED APRIL 26, 1938. Class 26.

358,306. ELECTRICALLY OPERATED HORNS. ROGER G. LAFITE, doing business as Electra Manufacturing Co., Kansas City, Mo.
Filed February 21, 1938. Serial No. 403,270. PUBLISHED APRIL 26, 1938. Class 21.

358,307. CANNED CITRUS FRUITS, CANNED VEGETABLES, AND CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES. HARLINGEN CANNING COMPANY, Harlingen, Tex.
Filed February 23, 1938. Serial No. 403,312. PUBLISHED APRIL 26, 1938. Class 46.

358,308. PIANOS. HARRY J. SOHMER, doing business as Sohmer & Co., New York, N. Y.
Filed February 23, 1938. Serial No. 403,335. PUBLISHED APRIL 26, 1938. Class 36.

358,309. FLUID PRESSURE GAUGES. GEORGE TAYLOR (BRASS FOUNDERS) LIMITED, Bolton, England.
Filed February 24, 1938. Serial No. 403,384. PUBLISHED APRIL 26, 1938. Class 26.

358,310. FRESH VEGETABLES—NAMELY, TOMATOES, SPINACH, BEETS, LETTUCE, POTATOES, CARROTS, AND ONIONS; AND FRESH CITRUS FRUIT—NAMELY, ORANGES AND GRAPEFRUIT. J. R. BARNETT, INC., Harlingen, Tex.
Filed February 25, 1938. Serial No. 403,393. PUBLISHED APRIL 26, 1938. Class 46.

358,311. HAND AND POWER LAWN MOWERS. THE ECLIPSE LAWN MOWER CO., Prophetstown, Ill.
Filed February 25, 1938. Serial No. 403,402. PUBLISHED APRIL 26, 1938. Class 23.

358,312. PHOTOGRAPHIC CAMERAS. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany.
Filed February 25, 1938. Serial No. 403,406. PUBLISHED APRIL 26, 1938. Class 26.

358,313. POTATOES. ALBERT MILLER & CO., Chicago, Ill.
Filed February 25, 1938. Serial No. 403,418. PUBLISHED APRIL 26, 1938. Class 46.

358,314. SALAD OIL. PASTENE & CO., INC., doing business as Splendor Products Co., New York, N. Y.
Filed February 26, 1938. Serial No. 403,465. PUBLISHED APRIL 26, 1938. Class 46.

358,315. SPORT JACKETS FOR MEN AND BOYS. LEO PERRY, doing business as Whitewater Garment Company, Whitewater, Wis.
Filed February 26, 1938. Serial No. 403,466. PUBLISHED APRIL 26, 1938. Class 39.

358,316. SPORT JACKETS FOR MEN AND BOYS. LEO PERRY, doing business as Whitewater Garment Company, Whitewater, Wis.
Filed February 26, 1938. Serial No. 403,467. PUBLISHED APRIL 26, 1938. Class 39.

358,317. MEN'S, LADIES', AND CHILDREN'S UNDERWEAR. BELLE KNITTING CORP., New York, N. Y.
Filed February 28, 1938. Serial No. 403,500. PUBLISHED APRIL 26, 1938. Class 39.

358,318. FISH BAIT. FRED L. SMITH, Lake Ozark, Mo.
Filed February 28, 1938. Serial No. 403,523. PUBLISHED APRIL 26, 1938. Class 22.

358,319. YARNS. EASTYARN, INC., Brooklyn, N. Y.
Filed March 1, 1938. Serial No. 403,543. PUBLISHED APRIL 26, 1938. Class 43.

358,320. ELECTRICALLY HEATED APPARATUS USED AS AN AIR WASHER, MEDICAMENT VAPORIZER AND INHALER FOR THERAPEUTIC TREATMENT. JOHN R. LANGDON, doing business as Respir-aid Mfg. Co., Pittsburgh, Pa.
Filed March 1, 1938. Serial No. 403,551. PUBLISHED APRIL 26, 1938. Class 44.

358,321. LIQUEUR. ANGELOS S. METAXA, ANDREW S. METAXA and GEORGE S. METAXA, doing business as S. & E. & A. Metaxa, Piraeus, Greece.
Filed March 2, 1938. Serial No. 403,599. PUBLISHED APRIL 26, 1938. Class 49.

358,322. STRAIGHT BOURBON WHISKEY. JAMES WALSH & CO. INC., Lawrenceburg, Ind.
Filed March 2, 1938. Serial No. 403,621. PUBLISHED APRIL 26, 1938. Class 49.

358,323. PLASTIC MATERIAL IN THE FORM OF FOILS OR FILMS. CELLULOID CORPORATION, Newark, N. J.
Filed March 3, 1938. Serial No. 403,638. PUBLISHED APRIL 26, 1938. Class 1.

358,324. BED BLANKETS OF TEXTILE FABRICS. F. C. HUYCK & SONS, Rensselaer and Albany, N. Y.
Filed March 4, 1938. Serial No. 403,670. PUBLISHED APRIL 26, 1938. Class 42.

358,325. CIGARS. THE AMERICAN TOBACCO COMPANY, New York, N. Y.
Filed March 4, 1938. Serial No. 403,673. PUBLISHED APRIL 26, 1938. Class 17.

358,326. ADHESIVE TAPE, GAUZE BANDAGE, AND ABSORBENT COTTON. DRUG SUNDRIES INC., Chicago, Ill.
Filed March 4, 1938. Serial No. 403,681. PUBLISHED APRIL 26, 1938. Class 44.

358,327. MEN'S SUITS, TOP-COATS, AND OVERCOATS. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 4, 1938. Serial No. 403,690. PUBLISHED APRIL 26, 1938. Class 39.

358,328. WOMEN'S DRESSES. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 4, 1938. Serial No. 403,691. PUBLISHED APRIL 26, 1938. Class 39.

358,329. ETHERIC VIBRATORS FOR DEVELOPING ETHERIC WAVES TO INCREASE THE MENTALITY AND VIGOR OF HUMAN BEINGS AND OTHER ANIMALS AND FOR THE TREATMENT OF DISEASE. DOCTOR AND MRS. CRUM, Indianapolis, Ind.
Filed March 5, 1938. Serial No. 403,721. PUBLISHED APRIL 26, 1938. Class 44.

358,330. PLAYING CARDS. THE UNITED STATES PLAYING CARD COMPANY, East Norwood, Cincinnati, Ohio.
Filed March 5, 1938. Serial No. 403,741. PUBLISHED APRIL 26, 1938. Class 22.

358,331. PLAYING CARDS. THE UNITED STATES PLAYING CARD COMPANY, East Norwood, Cincinnati, Ohio.
Filed March 5, 1938. Serial No. 403,742. PUBLISHED APRIL 26, 1938. Class 22.

358,332. DOLLS. IDEAL NOVELTY & TOY CO., Long Island City, N. Y.
Filed March 7, 1938. Serial No. 403,769. PUBLISHED APRIL 26, 1938. Class 22.

358,333. RYE BLENDED STRAIGHT WHISKEYS. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y.
Filed March 10, 1938. Serial No. 403,896. PUBLISHED APRIL 26, 1938. Class 49.

358,334. AGRICULTURAL DISCS. CRUCIBLE STEEL COMPANY OF AMERICA, New York, N. Y.
Filed March 11, 1938. Serial No. 403,938. PUBLISHED APRIL 26, 1938. Class 23.

358,335. SAFETY CORN RAZORS AND SAFETY CORN RAZOR BLADES. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.
Filed March 12, 1938. Serial No. 403,977. PUBLISHED APRIL 26, 1938. Class 44.

358,336. PISTON RINGS. SPARTA FOUNDRY COMPANY, Sparta, Mich.
Filed March 14, 1938. Serial No. 404,061. PUBLISHED APRIL 26, 1938. Class 35.

358,337. FERTILIZERS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed March 18, 1938. Serial No. 404,280. PUBLISHED APRIL 26, 1938. Class 10.

358,338. LAUNDRY STARCH. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill.
Filed April 28, 1938. Serial No. 405,799. Class 6.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

358,339. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ROSEMARY MANUFACTURING COMPANY, Roanoke Rapids, N. C. Filed Apr. 9, 1936. Serial No. 377,021.

TABLEVOGUE

For Table Linens and Napkins.
Claims use since Mar. 20, 1936.

358,340. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE GERMFRÊ PRODUCTS CO., San Francisco, Calif. Filed Oct. 19, 1936. Serial No. 384,527.

Germfrē

For Wall Tooth Brush Holders.
Claims use since Aug. 22, 1932.

358,341. (CLASS 39. CLOTHING.) DAVENPORT HOSIERY MILLS, INC., Chattanooga, Tenn. Filed Dec. 31, 1936. Serial No. 387,316.

Daven-Crepe

For Crepe Hosiery.
Claims use since November, 1936.

358,342. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) BURGESS BATTERY COMPANY, Chicago, Ill. Filed Feb. 4, 1937. Serial No. 388,529.

ACOUSTI-VENT

For Air-Distributing Apparatus for Draftless Ventilating Systems of the Perforated Acoustic Wall or Ceiling Type.
Claims use since Dec. 24, 1936.

358,343. (CLASS 32. FURNITURE AND UPHOLSTERY.) CORRY-JAMESTOWN MANUFACTURING CORPORATION, Corry, Pa. Filed Mar. 2, 1937. Serial No. 389,543.

CORRIAN

For Metal Furniture and Office Equipment—Namely, Filing Cases, Cabinets, Tables, Desks, and Steel Equipment Built to Order.
Claims use since Jan. 25, 1937.

358,344. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) A. COHEN & SONS CORP., New York, N. Y. Filed Apr. 6, 1937. Serial No. 390,990.

CROSBY

For Billfolds, Travelling Bags, Handbags, and Pocketbooks.
Claims use since Mar. 12, 1937.

358,345. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. C. RICH, INC., New York, N. Y. Filed Apr. 8, 1937. Serial No. 391,088.

GEL-WINE

For Gelatin Desserts.
Claims use since January, 1937.

358,346. (CLASS 39. CLOTHING.) CLELAND SIMPSON COMPANY, Scranton, Pa. Filed Apr. 23, 1937. Serial No. 391,744.

Brenton

For Men's Negligee, Dress, and Work Shirts.
Claims use since Apr. 17, 1937.

358,347. (CLASS 23. CUTLERY,, MACHINERY, AND TOOLS, AND PARTS THEREOF.) U. S. EXPANSION BOLT CO., New York, N. Y. Filed May 15, 1937. Serial No. 392,822.

TRI-EDGE

For Drill Points—Viz., a Boring Tool for Hard Substances, the Cutting end of the Tool Being Tapered.
Claims use since Jan. 28, 1937.

358,348. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WRIGHT-DE COSTER, INC., St. Paul, Minn. Filed May 29, 1937. Serial No. 393,461.

TALK-BAK

For Intercommunicating Voice Transmission Systems, Particularly Speaker Cabinets and Booster Amplifiers.
Claims use since Dec. 15, 1936.

358,349. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) JOHN T. STANLEY CO., INC., New York, N. Y. Filed June 3, 1937. Serial No. 393,620.

BODYGLAZE

For Polishing Preparations for Polishing and Cleaning Finished, Painted, and Lacquered Surfaces, and the like.
Claims use since Apr. 9, 1937.

358,350. (CLASS 39. CLOTHING.) WILLIAM R. FRIEDMAN, doing business as Wm. R. Friedman Co., New York, N. Y. Filed June 5, 1937. Serial No. 393,708.

Tuck-Wear

For Underwear for Women and Misses.
Claims use since Apr. 29, 1937.

358,351. (CLASS 39. CLOTHING.) FOREST CITY MANUFACTURING COMPANY, St. Louis, Mo. Filed June 7, 1937. Serial No. 393,758.

Carole King

For Women's and Girls' Wearing Apparel—Namely, Junior Dresses in Cottons, Rayons, Silks, and Wools for Street and Sportswear.
Claims use since May 15, 1937.

358,352. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BLOOMINGDALE BROS., INC., New York, N. Y. Filed June 10, 1937. Serial No. 393,891.

Goodhue

For Ready Mixed Paints.
Claims use since May 21, 1937.

358,353. (CLASS 39. CLOTHING.) THE PRINTZ-BIEDERMAN COMPANY, Cleveland, Ohio. Filed June 21, 1937. Serial No. 394,347.

CAMEL SPUN

For Women's Coats and Suits Made of Textile Fabrics Containing a Substantial Content of Camels' Hair.
Claims use since May 5, 1937.

358,354. (CLASS 39. CLOTHING.) THE PRINTZ-BIEDERMAN COMPANY, Cleveland, Ohio. Filed June 21, 1937. Serial No. 394,349.

Shetland Shaggie

For Women's Coats and Suits.
Claims use since May 5, 1937.

358,355. (CLASS 37. PAPER AND STATIONERY.) LAKESIDE CENTRAL COMPANY, Chicago, Ill. Filed June 28, 1937. Serial No. 394,611.

CLEAN STICK

For Envelopes.
Claims use since Dec. 12, 1935.

358,356. (CLASS 39. CLOTHING.) EVANS FUR COMPANY, Chicago, Ill. Filed Aug. 27, 1937. Serial No. 396,809.

Evans

For Ladies' and Men's Fur Coats, Fur Scarfs, and Fur Jackets.
Claims use since March, 1930.

358,357. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) WM. T. KNOTT COMPANY, INC., New York, N. Y. Filed Sept. 4, 1937. Serial No. 397,127.

MERVILLE

For Handbags, Pocketbooks, Purses, Hatboxes for Use in Travel, Suit Cases, Overnight Bags, School Bags, Traveling Bags, Valises, Billfolds, Automobile Trunks, Wallets, Card Cases, Leather Key Cases, Trunks, Portfolios, Satchels, Luggage Straps, and Wardrobe Cases.
Claims use since Apr. 8, 1937.

358,358. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) WOLF DRUG COMPANY, Newark, N. J. Filed October 26, 1937. Serial No. 398,978.

"SCALP-TONE"

For Hair Brushes.
Claims use since Apr. 27, 1937.

358,359. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARVEL, INC., Brooklyn, N. Y. Filed Dec. 16, 1937. Serial No. 400,916.

PILSUDSKI

For Prepared Mustard.
Claims use since June, 1934.

358,360. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SUNSET PACKING CORPORATION, Los Angeles, Calif. Filed Dec. 22, 1937. Serial No. 401,125.

TrujuiS

For Canned Citrus Fruit Juices for Beverage Purposes.
Claims use since Apr. 18, 1935.

358,361. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) C. RAY RANDALL COMPANY, North Attleboro, Mass. Filed Mar. 10, 1938. Serial No. 403,921.

TWINPIN

For Brooches, Pins, Clasps, Buckles, and the Like, Made Wholly or Partly, or Plated Wholly or Partly with Precious or Semi-Precious Metal.
Claims use since May 1, 1937.

358,362. (CLASS 39. CLOTHING.) MALCOLM KENNETH CO., Boston, Mass. Filed Mar. 21, 1938. Serial No. 404,319.

Kinloch

For Men's Overcoats and Topcoats.
Claims use since Apr. 5, 1933.

358,363. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DEL MAR CANNING CO., Monterey, Calif. Filed Apr. 1, 1938. Serial No. 404,751.

READY MEAL

For Sardines.
Claims use since November, 1929.

358,364. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CERRUTI & COMINELLI, New York, N. Y. Filed Apr. 20, 1938. Serial No. 405,484.

AUGUSTA

For Cheese.
Claims use since September, 1931.

TRADE-MARK REGISTRATIONS RENEWED

121,798. COTTON-BATTING. Registered May 28, 1918. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Renewed May 28, 1938.

122,044. HOSIERY. Registered June 18, 1918. SOCIETY MAID HOSIERY CO. INC., New York, N. Y. Renewed June 18, 1938, to Society Maid Hosiery Mills Inc., Willow Grove, Pa., a corporation of Delaware, assignee.

122,169. ALL KINDS OF STEAM-FITTINGS. Registered July 2, 1918. WALWORTH MANUFACTURING COMPANY. Renewed July 2, 1938, to Walworth Company, Boston, Mass., a corporation of Massachusetts, by change of name.

122,561. WATER-ELEVATING PUMPS AND WIND-MILLS. Registered August 20, 1918. WISTRAND MANUFACTURING CO. Renewed August 20, 1938, to John H. Best & Sons, Inc., Galva, Ill., a corporation of Illinois, successor.

122,563. WHITE CORN-FLOUR. Registered August 27, 1918. AMERICAN HOMINY COMPANY, Indianapolis, Ind. Renewed August 27, 1938, to Decatur Milling Company, Inc., Decatur, Ill., a corporation of Indiana, assignee by mesne assignments.

122,769. STEAM FIRE-ENGINES, CHEMICAL FIRE-ENGINES, WATER-TOWERS, MOTOR-DRIVEN FIRE APPARATUS OF THE GAS-ENGINE TYPE, CHEMICAL FIRE APPARATUS, AND HAND-EXTINGUISHERS. Registered September 17, 1918. AMERICAN LA FRANCE FIRE ENGINE CO. INC. Renewed September 17, 1938, to American-LaFrance-Foamite Corporation, Elmira, N. Y., a corporation of New York, assignee.

123,073. LEMONS. Registered October 8, 1918. TUSTIN LEMON ASSOCIATION, Tustin, Calif. Renewed October 8, 1938, to Central Lemon Association, Orange, Calif., a corporation of California, assignee.

123,080. ELECTRIC SEARCH-LIGHTS AND ELECTRIC LANTERNS. Registered October 15, 1918. AMERICAN LA FRANCE FIRE ENGINE CO., INC. Renewed October 15, 1938, to American-LaFrance-Foamite Corporation, Elmira, N. Y., a corporation of New York, assignee.

123,156. A MEDICINE FOR CERTAIN NAMED DISEASES. Registered October 15, 1918. REINBERGER & COLLIER, Pine Bluff, Ark., a firm. Renewed October 15, 1938.

123,218. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. Registered October 22, 1918. FALLS CITY MILLS CO., Louisville, Ky. Renewed October 22, 1938, to Interwoven Stocking Company, New Brunswick, N. J., a corporation of New Jersey, assignee.

123,359. CRACKERS, CAKES, AND BISCUITS. Registered October 29, 1918. JOHNSON EDUCATOR FOOD CO., Boston, Mass. Renewed October 29, 1938, to Megowen-Educator Food Company, Cambridge, Mass., a corporation of Massachusetts, assignee.

123,441. DEPILATORY. Registered November 12, 1918. FLORENCE N. LEWIS. Renewed November 12, 1938, to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York, assignee.

123,473. FACE-POWDERS, TALCUM POWDERS. Registered November 12, 1918. NELSON, BAKER & COMPANY, Detroit, Mich., a corporation of Michigan. Renewed November 12, 1938.

123,479. CARBON-PAPER. Registered November 12, 1918. OLD TOWN RIBBON & CARBON CO. INC., New York, N. Y., a corporation of New York. Renewed November 12, 1938.

123,597. STRUCTURAL CEMENT. Registered November 19, 1918. HERCULES CEMENT CORPORATION, Stockertown, Pa. Renewed November 19, 1938, to Hercules Cement Corporation, Philadelphia, Pa., a corporation of Pennsylvania.

123,606. A MEDICINAL PREPARATION USED INTERNALLY FOR CERTAIN NAMED AILMENTS. Registered November 19, 1918. WM. M. KNIGHT, Minneapolis, Minn. Renewed November 19, 1938, to The Anacin Company, Jersey City, N. J., a corporation of New Jersey, assignee by mesne assignments.

123,610. LIQUID VERMIFUGE. Registered November 19, 1918. LANMAN & KEMP. Renewed November 19, 1938, to Lanman & Kemp-Barclay & Co. Incorporated, New York, N. Y., a corporation of New York, assignee.

123,615. FOOD-FLAVORING EXTRACTS. Registered November 19, 1918. MCCORMICK & CO., INCORPORATED, Baltimore, Md., a corporation of Maryland. Renewed November 19, 1938.

123,619. WRAPPING-PAPER. Registered November 19, 1918. L. K. MALLINCKRODT, Baltimore, Md. Renewed November 19, 1938.

123,641. CERTAIN NAMED FOODS. Registered November 19, 1918. PLANTER'S NUT & CHOCOLATE COMPANY, Wilkes-Barre, Pa. Renewed November 19, 1938, to Planters Nut & Chocolate Company, Wilkes-Barre, Pa., and Suffolk, Va., a corporation of Pennsylvania.

123,667. A MEDICINAL SALVE FOR EXTERNAL USE, LIVER-PILLS, AND A LINIMENT. Registered November 19, 1918. THE VICK CHEMICAL CO., near Greensboro, N. C. Renewed November 19, 1938, to Vick Chemical Company, New York, N. Y., a corporation of Delaware, assignee.

LABELS

REGISTERED JULY 5, 1938

51,438.—*Title:* ELK BRAND. For Flashlight Crackers. CULVER CITY FIREWORKS COMPANY, INC., Culver City, Calif. Published June 1, 1934.

51,439.—*Title:* DAYLIGHT BRAND. For a Sandwich Spread. DAYLIGHT FOOD PRODUCTS CO., Baltimore, Md. Published May 17, 1938.

51,440.—*Title:* MARSHMALLOW FLUFF. For Marshmallow Product. DURKEE-MOWER, INC., Lynn, Mass. Published November 7, 1935.

51,441.—*Title:* SCREWY. For a Game. EAGLE LOCK COMPANY, Terryville, Conn. Published April 22, 1938.

51,442.—*Title:* WORLD CHAMPION! For Bread. HELMS BAKERIES, Los Angeles, Calif. Published November 15, 1937.

51,443.—*Title:* JOHNSON'S PENETRATING FLOOR SEALER. For a Sealer for Floors. S. C. JOHNSON & SON, INC., Racine, Wis. Published May 2, 1938.

51,444.—*Title:* JEWELS FOR PLAYTHINGS. For Toys. THE KILGORE MANUFACTURING COMPANY, Westerville, Ohio. Published May 25, 1938.

51,445.—*Title:* BUNS. For Buns. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published June 3, 1938.

51,446.—*Title:* PERCOL–8. For a Medicinal Compound. TUSCANOLA LABORATORIES, Texarkana, Ark. Published April 23, 1938.

PRINTS

REGISTERED JULY 5, 1938

16,924.—*Title:* APPROVED AYRSHIRE MILK. For Milk. AYRSHIRE BREEDERS' ASSOCIATION, Brandon, Vt. Published March 15, 1938.

16,925.—*Title:* PERFECT DIGESTIBILITY. For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published June 1, 1938.

16,926.—*Title:* THE HORSE IS NOT JUDGED OF BY THE SADDLE. For Coffee. HILLS BROS., San Francisco, Calif. Published February 16, 1938.

16,927.—*Title:* A GOOD DRUM DOES NOT NEED HARD STRIKING. For Coffee. HILLS BROS., San Francisco, Calif. Published February 9, 1938.

16,928.—*Title:* MAINS WITHOUT MAINTENANCE. For Asbestos-Cement Pipe. KEASBEY & MATTISON COMPANY, Ambler, Pa. Published May 25, 1938.

16,929.—*Title:* 3,739 GRADUATES OF '38 WERE ASKED BY 73 COLLEGE NEWSPAPERS "WHICH PEN WOULD YOU PREFER AS A GIFT?" For Fountain Pens, Mechanical Pencils, and Ink. THE PARKER PEN COMPANY, Janesville, Wis. Published May 28, 1938.

16,930.—*Title:* TASTYKAKE PRETZELS. For Pretzels. TASTY BAKING COMPANY, Philadelphia, Pa. Published May 23, 1938.

20,776
METHOD OF PRODUCING COLORED CONCRETE

Fred H. Amon, Weston, Mass., assignor, by mesne assignments, to Dewey and Almy Chemical Company, Cambridge, Mass., a corporation of Massachusetts

No Drawing. Original No. 1,910,419, dated May 23, 1933, Serial No. 520,717, March 6, 1931. Application for reissue April 22, 1938, Serial No. 203,713

5 Claims. (Cl. 106—24)

1. The method of producing dark colored concrete without substantial loss of strength, which consists in forming a paste of a colloidal suspension of impalpable carbon black in water by the addition of a colloidal dispersing agent, mixing said paste with the ingredients of the concrete, and subsequently pouring the concrete.

20,777
SYNTHETIC RUBBER AND PROCESS OF ITS MANUFACTURE

William S. Calcott, Woodstown, Frederick B. Downing, Carneys Point, and Donald H. Powers, Moorestown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original No. 1,903,500, dated April 11, 1933, Serial No. 212,605, August 12, 1927. Application for reissue March 30, 1935, Serial No. 13,952

28 Claims. (Cl. 260—6)

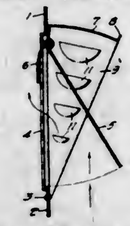
1. In the process of making a rubber-like material from polymerizable hydrocarbons, the steps which comprise forming an aqueous emulsion containing the polymerized hydrocarbon, treating the emulsion to reduce the average particle size of the emulsified particles of hydrocarbon to substantially 1 micron, and coagulating said emulsion.

20,778
AIR REGISTER

Henry Louis Eckenroth, San Francisco, Calif., assignor of one-half to Le Roy Hanscom, Berkeley, Calif.

Original No. 2,088,643, dated August 3, 1937, Serial No. 64,109, February 15, 1936. Application for reissue September 15, 1937, Serial No. 164,040

5 Claims. (Cl. 98—106)



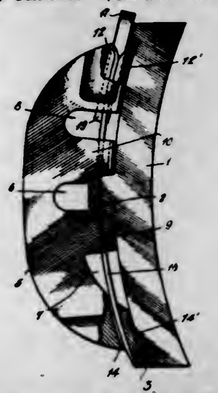
1. A register comprising: a frame having an opening therein; a grill arranged in one position to lie substantially in the plane of said frame and in another position to lie with its upper edge in spaced relation to said frame; and deflecting means for outwardly deflecting air passing through said register when said grill lies substantially in the plane of said frame and for blanking off said grill when said grill lies with its upper edge in spaced relation to said frame.

20,779
LOCKING PIN FOR BRAKE SHOES

George Garand, Rouses Point, N. Y.

Original No. 2,061,964, dated November 24, 1936, Serial No. 17,345, April 19, 1935. Application for reissue February 9, 1938, Serial No. 189,587

17 Claims. (Cl. 188—243)



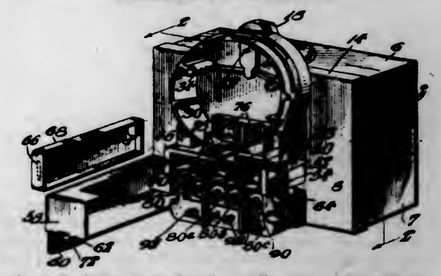
1. In a device of the character described, the combination with a brake-shoe supporting head having attaching lugs, said head having a locking shoulder on one side thereof; of a brake-shoe having a cooperating attaching lug; and a key of resilient material extending through said lugs, said key having a spring arm exterior to said head, said arm having a locking shoulder engaged with the shoulder of said head to latch said key against removal.

20,780
METER INSTALLATION

Emil T. Hagist, Glenside, Pa.

Original No. 2,094,356, dated September 28, 1937, Serial No. 117,862, December 28, 1936. Application for reissue May 12, 1938, Serial No. 208,369

3 Claims. (Cl. 247—2)



1. An electric meter installation comprising an open-faced trough, service lines disposed there-

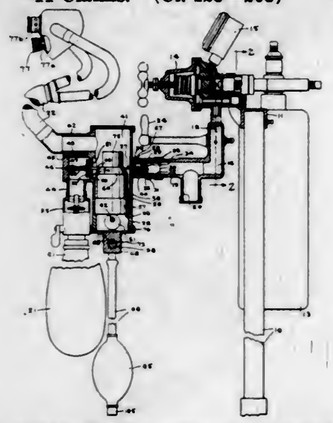
in, a closure for the front of said trough, a meter assembly and a test block assembly, means for electrically connecting said assemblies to said service lines, and means for securing said assemblies on the outside of said closure, whereby said assemblies are rendered accessible without disturbing said trough or said closure.

20,781
GAS ADMINISTERING MACHINE

Jay A. Heidbrink, Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio

Original No. 2,100,778, dated November 30, 1937, Serial No. 37,498, August 23, 1935. Application for reissue January 26, 1938, Serial No. 187,057

11 Claims. (Cl. 128—203)



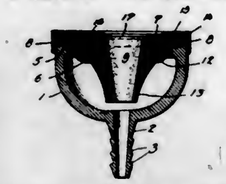
5. An anaesthetizing machine comprising a conduit for conducting anaesthetizing gas to the patient, a cylinder chamber in the conduit, valve mechanism associated with said chamber for normally blocking the flow of gas therethrough, a piston in said chamber having means thereon adapted to cooperate with said valve mechanism to open the same to permit flow of gas to the patient, an air bulb adapted to be held in the hand of the operator, and an air conduit therefrom to below the piston whereby the patient may effect operation of said piston.

20,782
FAUCET CONNECTER

William J. Hooper, Elsah, Ill., assignor of one-half to Harold A. Hooper, Chicago, Ill.

Original No. 2,094,889, dated October 5, 1937, Serial No. 112,910, November 27, 1936. Application for reissue October 18, 1937, Serial No. 169,703

2 Claims. (Cl. 285—163)



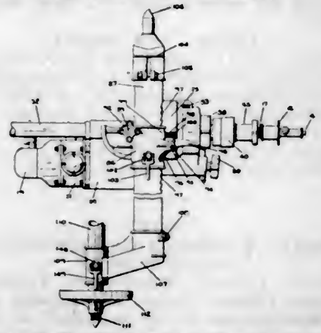
1. A faucet connecter comprising a casing, a flexible, tubular member adapted to be slipped over the water discharge tube of a faucet, a bulge of flexible material intermediate the upper and lower portions of said flexible, tubular member, a rigid pressure resistant ring having an aperture of a size closely approximating the diameter of said water discharge tube of a faucet inserted in said casing over said flexible, tubular member, and means for securing said flexible, tubular member and said ring in said casing.

20,783
DRILL MECHANISM

Robert K. Jeffrey, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a corporation of Ohio

Original No. 2,030,636, dated February 11, 1936, Serial No. 484,190, September 24, 1930. Application for reissue February 4, 1938, Serial No. 188,748

26 Claims. (Cl. 255—47)



26. In a drill, the combination with a longitudinally movable screw shaft, of means for rotating said shaft, a feed nut threaded on said shaft, and means for driving said feed nut in the same direction as that of said shaft and at a greater speed including a rotary tubular member surrounding said shaft and providing for free rotation and longitudinal movement of said shaft therethrough.

20,784
LUBRICATING OIL

John M. Musselman and Herman P. Lankelma, Cleveland, Ohio, assignors to The Standard Oil Company (Ohio), Cleveland, Ohio, a corporation of Ohio

No Drawing. Original No. 2,097,162, dated October 26, 1937, Serial No. 42,887, September 30, 1935. Application for reissue December 1, 1937, Serial No. 177,612

2 Claims. (Cl. 87—9)

1. A process of inhibiting degradation of mineral lubricating oils in exposure to heat, which comprises incorporating with the oil a degradation-inhibiting amount of tetramethyldiaminodiphenylmethane.

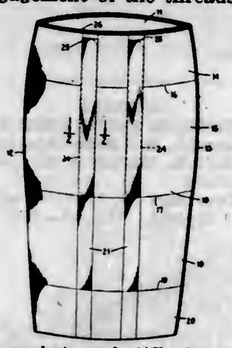
20,785
GARMENT

Emil D. Kattermann, Dover, N. J., assignor to Swiss Knitting Company, Dover, N. J., a corporation of New Jersey

Original No. 2,045,391, dated June 23, 1936, Serial No. 697,424, November 10, 1933. Application for reissue May 19, 1938, Serial No. 208,855

6 Claims. (Cl. 66—176)

1. A garment of the class described comprising a body-encircling member having a portion formed of elastic material extending over the abdomen, a pocket integral with said material and extending substantially longitudinally of the garment, said pocket having elasticity and terminating at both ends some distance from the upper and lower edges of the elastic portion, the ends of said pocket being substantially closed by the interengagement of the threads forming the



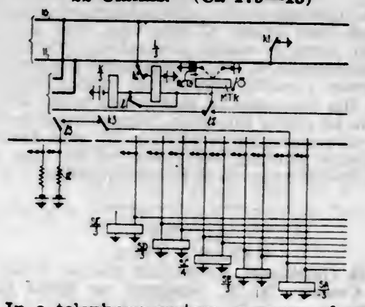
walls of the pocket, and stiffening means within said pocket.

20,786
TELEPHONE SYSTEM

Reginald Taylor, Liverpool, and James Alfred Mason, Cheshire, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill., a corporation of Delaware

Original No. 1,914,540, dated June 20, 1933, Serial No. 569,160, October 16, 1931. Application for reissue March 21, 1936, Serial No. 70,176. In Great Britain November 1, 1930

22 Claims. (Cl. 179—18)



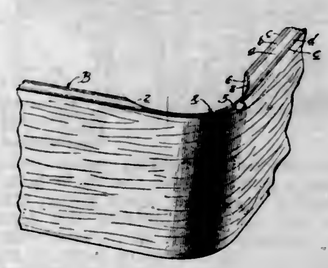
1. In a telephone system, a group of primary finders for finding calling lines, a group of first numerical switches for extending calling lines toward called lines, certain of said primary finders being directly connected to corresponding ones of said first numerical switches, secondary finders connected to the remaining first numerical switches, and the remaining primary finders of said group having access to said remaining first numerical switches by way of said secondary finders.

20,787
ROUND CORNER

Orville R. Owens, Chicago, Ill., assignor to Wells-Gardner & Company, Chicago, Ill., a corporation of Illinois

Original No. 2,081,638, dated May 25, 1937, Serial No. 80,929, May 21, 1936. Application for reissue March 29, 1938, Serial No. 198,672

2 Claims. (Cl. 20—89)

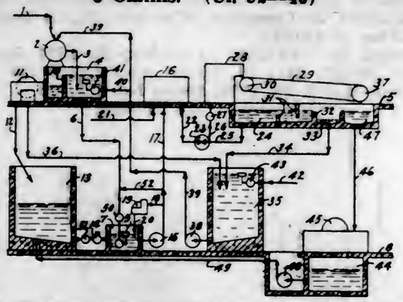


2. A veneer board bent through an arc and integrally reinforced to provide a relatively rigid, round and hollow corner structure, said board being provided on its inner face with a cut-out section which extends into the body of the board a distance sufficient to provide a relatively flexible web portion which is substantially co-extensive with the length of the arc of the bend and joining the normal inner surface of the board at its ends, and a strip bent with the board to the curvature of the web portion and adhered thereto throughout the length and breadth of the strip to exert a tension force for counterbalancing that of the board in resisting deformation of the round corner structure.

PATENTS

GRANTED JULY 5, 1938

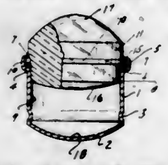
2,122,394
THIN STOCK PROCESS AND APPARATUS FOR MAKING PAPER
Carlton H. Allen, Glens Falls, N. Y.
Application October 6, 1936, Serial No. 104,220
3 Claims. (Cl. 92—46)



1. The process of making paper comprising, screening a pulp, flowing the main body of the pulp directly to a paper stock meter, thickening some of the pulp to increase the consistency thereof, regulating the rate at which the thickened pulp re-joins the main body of the pulp, supplying other paper making ingredients to said meter, metering each ingredient to form a common stream of paper stock, mixing with said stream a stream of water containing all of the pulp which drains through the paper machine wire near the breast roll and delivering the mixture to the paper machine.

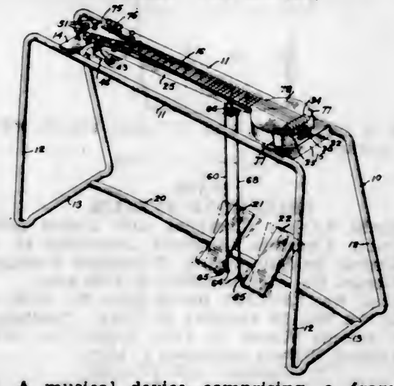
3. In a paper making apparatus, the combination of screens for screening a pulp, a meter for metering said pulp, means for moving the screened pulp to said meter, means for diverting some of the screened pulp and extracting some of the water therefrom and means for returning to the screened pulp the portion from which the water was extracted to regulate the consistency of said screened pulp in advance of said meter.

2,122,395
LIGHT REFLECTOR ADAPTED FOR DUAL MOUNTING
William V. Bergen and Arthur C. Shute, Portland, Oreg., assignors to Niterday Signal Co., Portland, Oreg., a corporation of Oregon
Application September 13, 1933, Serial No. 689,259
10 Claims. (Cl. 88—82)



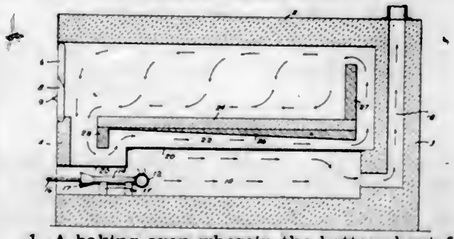
9. A new article of manufacture comprising a shouldered shell having a flanged lens hermetically sealed therein the flange of the lens seating against a gasket disposed upon said shouldered portion of the shell, the lens extending beyond the shell, and the outside diameter of the base end of the shell and the diameter of the lens beyond the confines of the shell being the same.

2,122,396
MUSICAL INSTRUMENT
Antony P. Freeman, San Francisco, Calif., assignor of one-half to Martin P. Grauenhorst, San Francisco, Calif.
Application December 14, 1936, Serial No. 115,656
17 Claims. (Cl. 84—312)



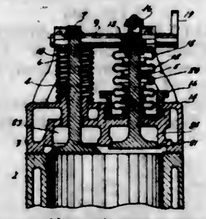
1. A musical device comprising, a frame, a stringed instrument of the lute type mounted thereon, levers pivotally connected to said frame, selected strings of said instrument connected to said levers, treadles operatively connected to said levers, the free ends of said levers being adapted to move in either direction from neutral position upon corresponding operation of said treadles, and means limiting movement of the free ends of said levers away from neutral position.

2,122,397
BAKER'S OVEN
John M. Gantvoort, Bronxville Manor, Westchester County, N. Y., assignor to Hilde Gantvoort
Application July 23, 1936, Serial No. 92,068
5 Claims. (Cl. 107—55)



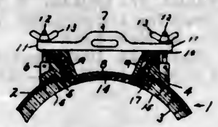
1. A baking oven wherein the bottom heat for the materials to be baked is applied through contact with a hearth and the top heat is supplied through the downward circulation of convection currents, a heating chamber of restricted height under the hearth baffling means to cause the air currents to enter said chamber on leaving the baking chamber at the front thereof and through which they flow to be heated, heating means at the front of the heat chamber and means for causing the heating means to supply gradually diminishing quantities of heat to the hearth with the greatest quantity supplied near the front thereof to compensate for the cooling effect of the air currents entering the heat chamber to thereby maintain the hearth at the same temperature throughout.

2,122,398
AIR COMPRESSOR
Laurence D. Harrison, Phoenix, Ariz.
Application June 30, 1937, Serial No. 151,167
6 Claims. (Cl. 230—222)



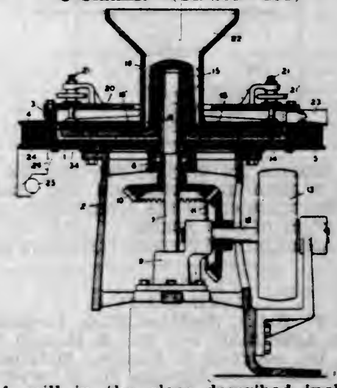
5. In a reciprocating air compressor, valves and associated mechanism comprising inwardly opening poppet intake and exhaust valves communicating with the compressor cylinder, positive means for opening said valves at pre-determined intervals, including rocker arms, push rods and cams operative from the compressor crank shaft, a combined valve closing spring and sealing means surrounding the exhaust valve stem adapted to prevent leakage from the compressed air receiver back through the valve stem chamber, and passageways communicating air pressure from said receiver to said sealing means whereby back pressure from said receiver pushing outward tends to hold said inwardly opening exhaust valve closed.

2,122,399
BALL AND PEBBLE MILL
Paul O. Abbé, Bloomfield, N. J., assignor to Paul O. Abbé Inc., Little Falls, N. J.
Application January 11, 1934, Serial No. 706,206
2 Claims. (Cl. 83—9)



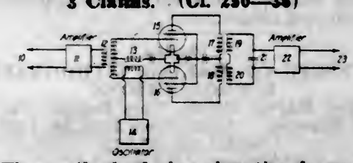
1. In a rotatable ball or pebble mill of the type having an interior refractory lining and a charging opening in the arcuate wall thereof provided with a rigidly secured metal frame which has a flange extending inwardly into the drum toward the working surface of said interior refractory lining so as to reinforce the edges of said opening, and also a completely removable charging cover normally disposed in said frame and provided with a protective coating of rubber upon the inwardly directed surface thereof exposed to the interior of the drum, means for preventing abrasion of the edges of said cover and the inwardly extending flange of the frame occupying the charging opening in the drum wall and also preventing crude raw material intended to be ground from lodging between the side edges of said cover and said flange, comprising a continuous extension of live rubber connected directly with said rubber coating on said cover, which envelopes the sides of the cover, and a continuous coating of live rubber covering the inner exposed edges and the inside of the frame so as to wholly insulate the same from the cover and the contents of the drum, said extension of live rubber upon the cover and coating of live rubber together filling the space between the flange and the sides of said cover and being in mutual resilient contact in said space, and said cover forming the direct and preferably sole closure for said drum.

2,122,400
AMALGAMATING MACHINE
Guy C. Anderson, San Francisco, Calif.
Application January 14, 1936, Serial No. 59,060
5 Claims. (Cl. 209—191)



1. A mill in the class described including a bowl; a pulp rubbing means in said bowl; an amalgamating substance in said bowl in contact with said rubbing means; an electro-magnetic coil surrounding said bowl; and means for passing alternating current through said coil.

2,122,401
FREQUENCY CHANGING SYSTEM
Edwin H. Armstrong, New York, N. Y.
Application September 14, 1935, Serial No. 40,545
3 Claims. (Cl. 250—36)



1. The method of changing the frequency of an alternating current, which consists in providing a second alternating current of greater amplitude than the first and having a frequency which is the mean value between the frequency of the first-mentioned current and the desired frequency, simultaneously combining said currents and limiting the amplitudes thereof, and selecting the desired frequency from the current resulting from such simultaneous combining and limiting.

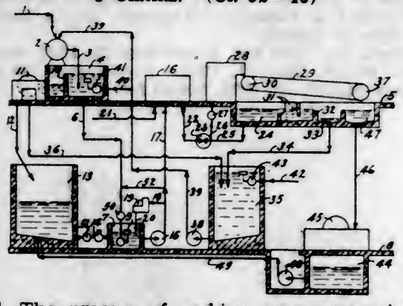
2,122,402
MEANS FOR THE AUTOMATIC CONTROL OF THE POWER DELIVERED BY INTERNAL COMBUSTION ENGINES
George B. Bailey, Sharon, Mass.
Application April 13, 1936, Serial No. 74,017
3 Claims. (Cl. 290—4)

1. In a control system, in combination, an internal combustion engine; means for controlling the fuel supplied to said engine; a fluid

PATENTS

GRANTED JULY 5, 1938

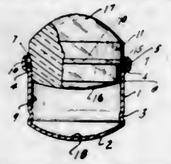
2,122,394
THIN STOCK PROCESS AND APPARATUS FOR MAKING PAPER
Carlton H. Allen, Glens Falls, N. Y.
Application October 6, 1936, Serial No. 104,220
3 Claims. (Cl. 92—46)



1. The process of making paper comprising, screening a pulp, flowing the main body of the pulp directly to a paper stock meter, thickening some of the pulp to increase the consistency thereof, regulating the rate at which the thickened pulp re-joins the main body of the pulp, supplying other paper making ingredients to said meter, metering each ingredient to form a common stream of paper stock, mixing with said stream a stream of water containing all of the pulp which drains through the paper machine wire near the breast roll and delivering the mixture to the paper machine.

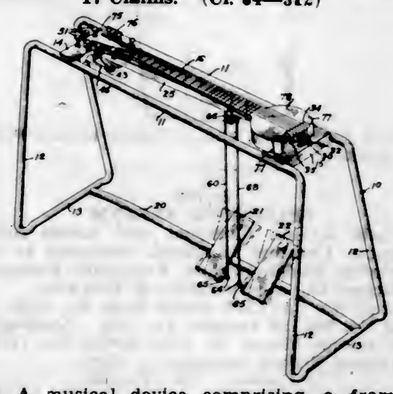
3. In a paper making apparatus, the combination of screens for screening a pulp, a meter for metering said pulp, means for moving the screened pulp to said meter, means for diverting some of the screened pulp and extracting some of the water therefrom and means for returning to the screened pulp the portion from which the water was extracted to regulate the consistency of said screened pulp in advance of said meter.

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William V. Bergen and Arthur C. Shute, Portland, Oreg., assignors to Niterday Signal Co., Portland, Oreg., a corporation of Oregon
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10 Claims. (Cl. 88—82)



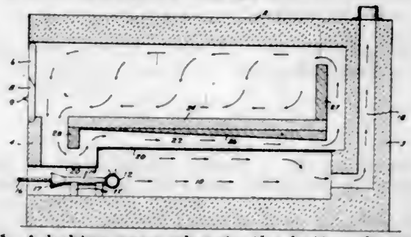
9. A new article of manufacture comprising a shouldered shell having a flanged lens hermetically sealed therein the flange of the lens seating against a gasket disposed upon said shouldered portion of the shell, the lens extending beyond the shell, and the outside diameter of the base end of the shell and the diameter of the lens beyond the confines of the shell being the same.

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Antony P. Freeman, San Francisco, Calif., assignor of one-half to Martin P. Grauenhorst, San Francisco, Calif.
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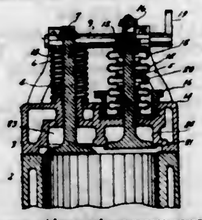
1. A musical device comprising, a frame, a stringed instrument of the lute type mounted thereon, levers pivotally connected to said frame, selected strings of said instrument connected to said levers, treadles operatively connected to said levers, the free ends of said levers being adapted to move in either direction from neutral position upon corresponding operation of said treadles, and means limiting movement of the free ends of said levers away from neutral position.

2,122,397
BAKER'S OVEN
John M. Gantvoort, Bronxville Manor, Westchester County, N. Y., assignor to Hilde Gantvoort
Application July 23, 1936, Serial No. 92,068
5 Claims. (Cl. 107—55)



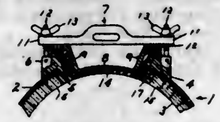
1. A baking oven wherein the bottom heat for the materials to be baked is applied through contact with a hearth and the top heat is supplied through the downward circulation of convection currents, a heating chamber of restricted height under the hearth baffling means to cause the air currents to enter said chamber on leaving the baking chamber at the front thereof and through which they flow to be heated, heating means at the front of the heat chamber and means for causing the heating means to supply gradually diminishing quantities of heat to the hearth with the greatest quantity supplied near the front thereof to compensate for the cooling effect of the air currents entering the heat chamber to thereby maintain the hearth at the same temperature throughout.

2,122,398
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Laurence D. Harrison, Phoenix, Ariz.
Application June 30, 1937, Serial No. 151,167
6 Claims. (Cl. 230—222)



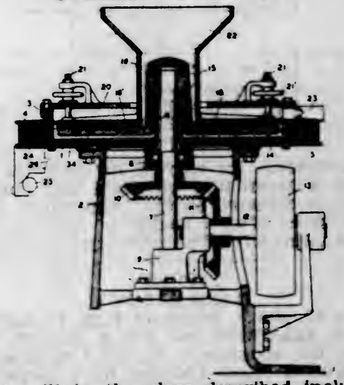
5. In a reciprocating air compressor, valves and associated mechanism comprising inwardly opening poppet intake and exhaust valves communicating with the compressor cylinder, positive means for opening said valves at pre-determined intervals, including rocker arms, push rods and cams operative from the compressor crank shaft, a combined valve closing spring and sealing means surrounding the exhaust valve stem adapted to prevent leakage from the compressed air receiver back through the valve stem chamber, and passageways communicating air pressure from said receiver to said sealing means whereby back pressure from said receiver pushing outward tends to hold said inwardly opening exhaust valve closed.

2,122,399
BALL AND PEBBLE MILL
Paul O. Abbé, Bloomfield, N. J., assignor to Paul O. Abbé Inc., Little Falls, N. J.
Application January 11, 1934, Serial No. 706,206
2 Claims. (Cl. 83—9)



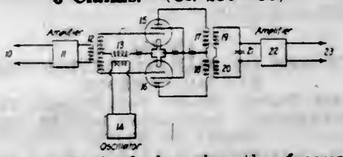
1. In a rotatable ball or pebble mill of the type having an interior refractory lining and a charging opening in the arcuate wall thereof provided with a rigidly secured metal frame which has a flange extending inwardly into the drum toward the working surface of said interior refractory lining so as to reinforce the edges of said opening, and also a completely removable charging cover normally disposed in said frame and provided with a protective coating of rubber upon the inwardly directed surface thereof exposed to the interior of the drum, means for preventing abrasion of the edges of said cover and the inwardly extending flange of the frame occupying the charging opening in the drum wall and also preventing crude raw material intended to be ground from lodging between the side edges of said cover and said flange, comprising a continuous extension of live rubber connected directly with said rubber coating on said cover, which envelopes the sides of the cover, and a continuous coating of live rubber covering the inner exposed edges and the inside of the frame so as to wholly insulate the same from the cover and the contents of the drum, said extension of live rubber upon the cover and coating of live rubber together filling the space between the flange and the sides of said cover and being in mutual resilient contact in said space, and said cover forming the direct and preferably sole closure for said drum.

2,122,400
AMALGAMATING MACHINE
Guy C. Anderson, San Francisco, Calif.
Application January 14, 1936, Serial No. 59,060
5 Claims. (Cl. 209—191)



1. A mill in the class described including a bowl; a pulp rubbing means in said bowl; an amalgamating substance in said bowl in contact with said rubbing means; an electro-magnetic coil surrounding said bowl; and means for passing alternating current through said coil.

2,122,401
FREQUENCY CHANGING SYSTEM
Edwin H. Armstrong, New York, N. Y.
Application September 14, 1935, Serial No. 40,545
3 Claims. (Cl. 250—36)

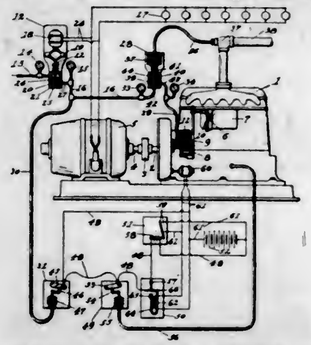


1. The method of changing the frequency of an alternating current, which consists in providing a second alternating current of greater amplitude than the first and having a frequency which is the mean value between the frequency of the first-mentioned current and the desired frequency, simultaneously combining said currents and limiting the amplitudes thereof, and selecting the desired frequency from the current resulting from such simultaneous combining and limiting.

2,122,402
MEANS FOR THE AUTOMATIC CONTROL OF THE POWER DELIVERED BY INTERNAL COMBUSTION ENGINES
George B. Bailey, Sharon, Mass.
Application April 13, 1936, Serial No. 74,017
3 Claims. (Cl. 290—4)

1. In a control system, in combination, an internal combustion engine; means for controlling the fuel supplied to said engine; a fluid

pressure supply system; means responsive to said fluid pressure for actuating said control means; an electric dynamo driven by said engine; means responsive to changes in the load



on said dynamo for varying inversely the fluid pressure in accordance with said load changes; and means actuated by the temperature of the exhaust gases of said engine to limit the fluid pressure acting on said pressure responsive means.

2,122,403
HARD ALLOY
Clarence W. Balke, Highland Park, Frederick L. Hunter, Lake Bluff, and Roy A. Haskell, Waukegan, Ill., assignors to Fansteel Metallurgical Corporation, North Chicago, Ill., a corporation of New York
No Drawing. Application June 14, 1937, Serial No. 148,094
6 Claims. (Cl. 75—136)

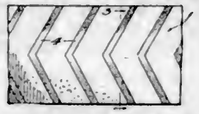
1. A cast alloy comprising from 30% to 60% by weight of one or more metals of the iron group, the remainder of the alloy being composed of from 5% to 30% by weight of chromium, from 15% to 50% by weight of a metal from the group composed of tungsten and molybdenum, and at least 10% carbide of a refractory metal of the fifth group of the periodic chart of the elements selected from the group composed of tantalum and columbium.

2,122,404
PROCESSES OF MAKING LITHOGRAPHIC REPRODUCTIONS
Fred Harvey Bloom, Fort Belvoir, Va.
No Drawing. Application June 18, 1936, Serial No. 85,929
14 Claims. (Cl. 95—5.4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

8. A light sensitive element comprising a substantially gelatin-free egg-albumin, treated in the presence of heat with a light desensitizing dye and containing a chromatizing agent and which after exposure to light and without further treatment other than inking, washing and clearing, will produce clear and evenly colored prints at high speed and over an extended press run.

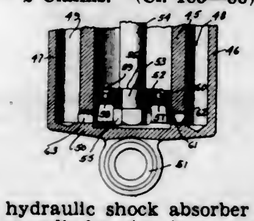
2,122,405
METALLIC INLAID FRICTION SURFACE
Chris Bocklus, Stamford, Conn., and Clyde S. Batchelor, Hasbrouck Heights, and Judson A. Cook, Paterson, N. J., assignors to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey
Application January 23, 1937, Serial No. 121,930
10 Claims. (Cl. 188—251)

1. A friction element comprising a body of friction material including essentially a fibrous material and a heat hardenable binder carrying in-



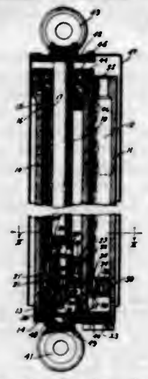
lays derived from powdered metals adjacent a surface of the body.

2,122,406
HYDRAULIC SHOCK ABSORBER
Anthony B. Casper, Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application March 15, 1937, Serial No. 130,849
2 Claims. (Cl. 188—88)



1. In a hydraulic shock absorber of the class described, a cylinder structure, a piston structure, a check valve controlled port in said piston structure open to fluid flow during inward movement of the piston structure but closed to fluid flow during outward movement of the piston structure, another port through said piston structure, and a flap valve anchored to the piston structure and partially overlying said other part for normal closure thereof except for a restricted passage, said valve flexing for increased flow through said other port when said piston structure is moving inwardly.

2,122,407
HYDRAULIC SHOCK ABSORBER
Harry L. Chisholm, Jr., Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application March 15, 1937, Serial No. 130,851
5 Claims. (Cl. 188—88)



1. In a hydraulic shock absorber of the direct acting type, a cylinder structure, a piston structure comprising a piston and a piston rod extending therefrom through an end of the cylinder structure, said piston rod having a bore in its inner end, a passageway including said bore for

the flow of fluid from one side of the piston to the other during relative longitudinal movement of said structures, a valve threading into the end of said bore and having a slit for cooperating with the end of the piston rod to define a restricted orifice for metering the flow through said passageway, and means within and carried by the cylinder structure for cooperation with said valve upon relative rotation of said structures for rotating said valve for increasing or decreasing the size of said orifice for subsequent normal operation of the shock absorber.

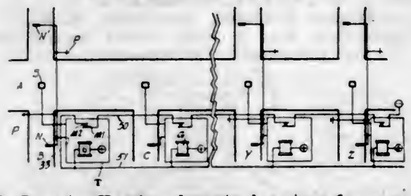
2,122,408
GASOLINE ANTIOXIDANT
Hans T. Clarke, New York, and Fred R. Bean, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application June 26, 1936, Serial No. 87,469
2 Claims. (Cl. 44—9)

1. A composition of matter comprising a gum-forming gasoline and a lower dialkyl ester of p-hydroxyphenyliminodiacetic acid in quantity sufficient to appreciably retard the gum formation of the gasoline.

2,122,409
ESTERS OF PARA-HYDROXYPHENYLIMINO-DIACETIC ACID
Hans T. Clarke, New York, and Frederic R. Bean, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Original application June 26, 1936, Serial No. 87,469. Divided and this application October 27, 1936, Serial No. 107,836
4 Claims. (Cl. 260—104)

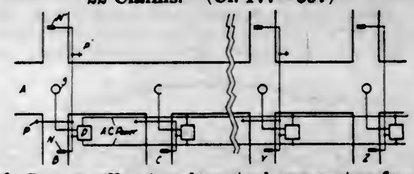
1. A lower dialkyl ester of p-hydroxyphenyliminodiacetic acid.

2,122,410
TRAFFIC CONTROL SYSTEM AND APPARATUS
Edward H. Eames, Old Greenwich, Conn., assignor to The Engineering and Research Corporation, New Haven, Conn., a corporation of Connecticut
Application November 12, 1934, Serial No. 752,606
22 Claims. (Cl. 177—337)



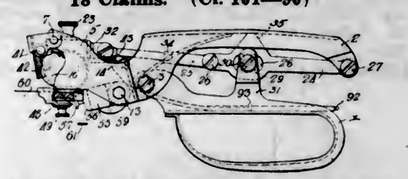
1. In a traffic signal control system for a series of intersections of cross lanes with a common main lane the combination at each intersection of right of way signals and a traffic signal controller operable for governing transfer of right of way between the intersecting lanes, a traffic actuatable means in the cross lane and connected thereto for operating the same on actuation and means functioning upon operation of the traffic actuatable means at one intersection for initiating a governing cycle over the other traffic signal controllers for determining definite periods only during which such transfer of right of way to their respective cross lanes can be made by said other controllers.

2,122,411
TRAFFIC CONTROL SYSTEM AND APPARATUS
Edward H. Eames, Old Greenwich, Conn., assignor to Automatic Signal Corporation, New York, N. Y., a corporation of Delaware
Application March 14, 1935, Serial No. 11,000
22 Claims. (Cl. 177—337)



1. In a traffic signal control apparatus for the intersection of a cross lane with a main traffic lane having a traffic actuatable means in the cross lane and a right of way transferring controller connected to said traffic actuatable means for normally according right of way to the main traffic lane and operable thru a cycle to transfer right of way to the cross lane and retransfer right of way to the main lane, means forming a part of the controller for initiating cyclic operation of the controller in response to actuation of said actuatable means, a master control means for periodically determining when cyclic operation of the controller may be initiated in response to actuation, and a means for releasing the cyclic operation initiating means from such determining effect by the master control means a predetermined period after the last transfer of right of way from the main lane.

2,122,412
TAG REMARKER
Carl A. Flood, Framingham, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application February 15, 1937, Serial No. 125,787
18 Claims. (Cl. 101—90)



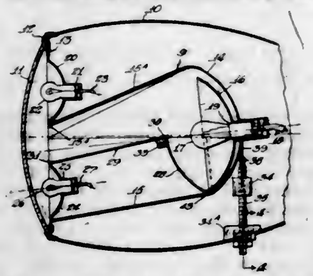
1. A device for marking tags comprising a pair of holders kinematically interconnected for relative movement toward and from each other with a space therebetween to receive a tag, a printer and a platen disposed on said holders respectively on opposite sides of said space, and a transversely adjustable guide for engagement with the top, bottom and edge of a tag to guide the tag into printing position.

3. A device for marking tags comprising a pair of holders kinematically interconnected for relative movement toward and from each other with a space therebetween to receive a tag, a printer and a platen disposed on said holders respectively on opposite sides of said space, a pair of handles pivoted together, and toggle means comprising two links pivoted together and to said handles and one of said holders.

2,122,413
NONGLARE HEADLIGHTING ASSEMBLY
Julius C. Ford, Memphis, Tenn.
Application October 16, 1936, Serial No. 105,847
5 Claims. (Cl. 240—41.35)

5. A headlight comprising a housing, a diaphragm at the front of said housing, a lens in

front of said diaphragm, said diaphragm having its lower portion formed with an opening having a horizontally extending longitudinally arcuate upper edge, a casing extending longitudinally in said housing with its front end secured to the diaphragm about the opening thereof, a reflector in the rear portion of said casing having a bulb receiving socket at its center, the upper wall of the casing being transversely arcuate and extending at a downward incline towards its front end for its full length for directing light rays



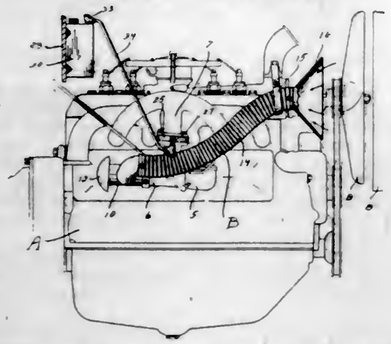
through the opening in the diaphragm at a downward incline, a counterreflector in the casing extending the full width thereof in front of the reflector, said counterreflector consisting of a segment of a sphere having its concaved side facing said reflector and constituting a shield covering a portion of the reflector and terminating in a straight horizontal edge extending the full width of the casing, and a wall extending forwardly from the upper portion of the counterreflector to the diaphragm.

2,122,414

GAS SAVER FOR INTERNAL COMBUSTION ENGINES

Robert J. Foster, Philadelphia, Pa., assignor of one-third to Samuel G. Lipford and one-third to Joseph C. V. Connelly, both of Philadelphia, Pa.

Application October 10, 1935, Serial No. 44,419
4 Claims. (Cl. 123—25)



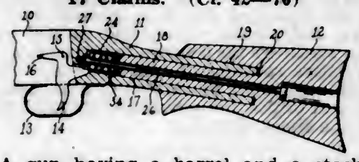
1. The combination with an internal combustion engine embodying a carburetor having an air intake, and an intake manifold; of means for introducing a forced supply of air into the air intake in addition to the normal passage of air therethru, and means for introducing moist air into the intake manifold by suction created in the intake manifold and having communication with said first mentioned means whereby air is drawn from the forced supply of air into the stream of moist air.

2,122,415

GUN

Le Roy B. Fraser, Woodbridge, Conn.

Application May 26, 1936, Serial No. 81,800
17 Claims. (Cl. 42—70)



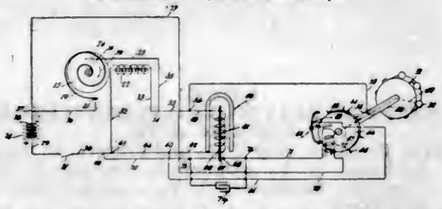
1. A gun having a barrel and a stock connected together in assembled position for relative rotative movement, and means for preventing discharge of the gun until said stock and barrel are in a predetermined position relative to one another.

2,122,416

AUTOMATIC ELECTRIC FLASHER

Roy K. Freeman, Los Angeles, Calif.

Application April 10, 1933, Serial No. 665,405
9 Claims. (Cl. 177—329)



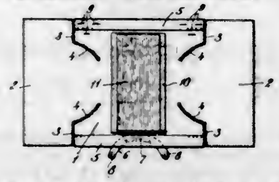
8. An electric lamp flasher having a lamp circuit including a plurality of sockets for lamps, each socket having its individual connection to the circuit, electromagnetic means for changing said connections should one socket have an open circuit caused by a defective lamp in such socket, means to intermittently energize the lamp circuit to cause flashing of a lamp in such circuit, a polarized relay characterized when its circuit is in one direction to be normally inactive when the flasher lamp circuit is operative to energize a lamp, but actuated by a flow of current in a reverse direction when the lamp circuit is open due to a defective lamp to energize a work circuit to operate said electromagnetic means.

2,122,417

INFANT'S GARMENT

Annette Fridolph, New York, N. Y.

Application May 8, 1935, Serial No. 20,310
9 Claims. (Cl. 128—284)



4. As a new article of manufacture, an infant's diaper comprising a body portion of sheet material having its end portions wider than the middle portion and an extension on one side thereof connected to the middle portion of the body portion, said body portion having an opening at each end through which the opening ends of the extension may be inserted to lie behind a part of said body portion at each end thereof when the extension is folded over against the body portion along a line transverse of the connection of the body portion and the extension.

2,122,418

PRODUCT AND PROCESS OF PREPARING SAME

Ernest K. Gladding, Buffalo, N. Y., and Dorothy Bateman Maney, Old Hickory, Tenn., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 17, 1936, Serial No. 85,768
22 Claims. (Cl. 91—68)

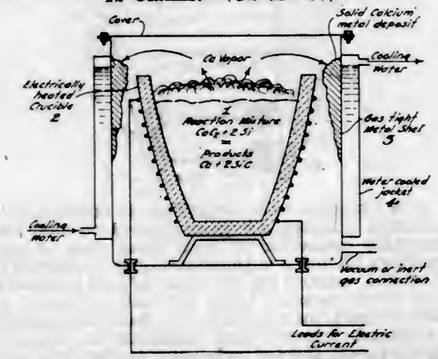
1. An article of manufacture comprising a water-sensitive base, a surface coating and an intermediate coating comprising an amino polymer which is substantially insoluble in water and in 5% aqueous ammonia but soluble in 2% aqueous acetic acid.

2,122,419

MANUFACTURE OF CALCIUM METAL

Joseph D. Hanawalt, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

Application August 11, 1936, Serial No. 95,462
12 Claims. (Cl. 75—67)



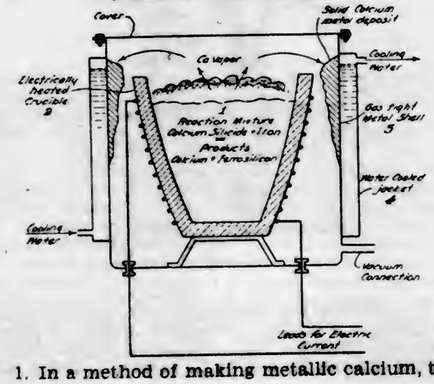
1. In a method of making metallic calcium, the step which consists in heating a mixture of calcium carbide and metallic material containing silicon to a temperature capable of liberating calcium.

2,122,420

METHOD OF MAKING CALCIUM

Joseph D. Hanawalt and Charles E. Nelson, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

Application October 2, 1936, Serial No. 103,743
6 Claims. (Cl. 75—67)



1. In a method of making metallic calcium, the step which consists in heating calcium silicide in the presence of iron to a temperature capable of liberating calcium.

2,122,421

TOBACCO TREATMENT

Alfred T. Hawkinson, Palmyra, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 30, 1937, Serial No. 156,563
5 Claims. (Cl. 131—55)

4. A process for improving tobacco which comprises steeping said tobacco in a bath of warm water having a temperature within the range 160–212° F. in the presence of an agent permitting ready penetration of said tobacco surfaces by said water, said agent being present in at least 0.01% by weight based on the weight of said bath and, thereafter, immersing said tobacco in an extraction bath containing hydrogen peroxide and having a pH within the range 8 to 11.

2,122,422

APPARATUS FOR REDUCING RESISTANCE

André Huet, Paris, France

Application December 11, 1934, Serial No. 757,026
In France December 19, 1933
3 Claims. (Cl. 244—130)



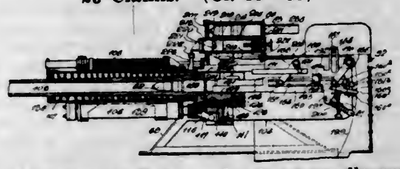
1. Apparatus for reducing resistance opposed by wind currents to the forward movement of a vehicle having a closed front end comprising; deflecting members mounted in transversely spaced relation centrally and forwardly of said closed front end of said vehicle and having surfaces inclined outwardly and rearwardly with respect to its longitudinal axis for deflecting wind currents outwardly away from the path of movement of said vehicle, the spacing of said deflecting members providing an unobstructed orifice opposite the closed front end of said vehicle and the adjacent inner portions of said deflecting members being so shaped that said orifice forms a rearwardly diverging passage for creating in the space behind said deflectors and between the latter and the front of the vehicle a body of air of higher static pressure than exists in the deflected wind currents for maintaining them away from the front of the vehicle.

2,122,423

ROUND-FEEDING MECHANISM

Bryan P. Joyce, East Orange, N. J., assignor to American Armament Corporation, New York, N. Y., a corporation of New York

Application September 19, 1935, Serial No. 41,316
23 Claims. (Cl. 89—33)



1. In a self-loading gun having a cradle and a cradle-carried barrel which recoils and counterrecoils; a loading tray mounted on said cradle for

movement from a raised round-receiving position to a lowered round-placing position, said tray occupying said raised round-receiving position during recoil of said barrel, a retractible self-projecting loading plunger operable in said tray, means for retracting said plunger upon the recoil of said barrel, means for holding said plunger in retracted position to allow dropping of a round into said loading tray, means operable upon the counter-recoil of said barrel for lowering said loading tray to said round-placing position, and means for releasing said plunger-holding means when the tray reaches said round-placing position.

2,122,424
DIAZOAMINO COMPOUNDS AND THEIR MANUFACTURE

Jean G. Kern, Hamburg, N. Y., assignor to National Aniline and Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application August 16, 1934, Serial No. 740,179
22 Claims. (Cl. 260—69)

1. As a new compound a diazoamino ester of the following general formula

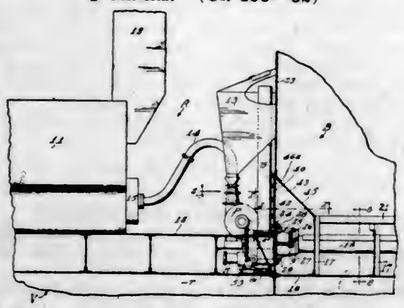
$$\left[\left(\begin{array}{c}Ar-N=N-N-\\ \\ R_2\end{array}\right)_{n_2}-R_1-O-\right]_x Acyl(-OMe)_y$$

wherein Ar represents an aromatic radical, R_1 represents a saturated aliphatic or cycloaliphatic group, R_2 represents hydrogen, a saturated aliphatic or cyloaliphatic group, or an aromatic group, or R_1 and R_2 together represent a polymethylene chain forming a heterocyclic ring with the —N—, Acyl represents the residue of sulphuric acid, phosphoric acid, or a polybasic acid of the benzene or aliphatic series, Me represents hydrogen or a metal, n_2 represents a positive integer, and x and y each represents a positive integer.

2,122,425
FUEL FEEDING SYSTEM

Paul A. Ketchpel, West Englewood, N. J., and Edwin B. Sadtler, New York, N. Y.; said Ketchpel assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), a corporation of Delaware

Application August 6, 1934, Serial No. 738,572
4 Claims. (Cl. 198—82)

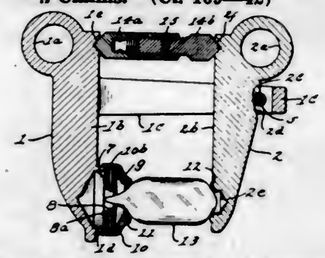


4. Drive mechanism for a fuel feeding system including a casing having a fuel receiving portion and a mechanism housing, said first named portion including a horizontal tubular member open at one end to receive fuel, an upright tubular member at one side of said horizontal tubular member, said members communicating with each other through a common opening, a bearing formed in a wall of said casing opposite the fuel receiving portion of said horizontal tubular member and in substantial axial alignment therewith, a shaft journalled in said bearing, a coupling in the fuel receiving portion of said casing operatively connected to said shaft, said coupling having radial blades for urging fuel laterally into said vertical tubular member through said common opening, a bearing at the bottom of said vertical tubular member, a vertical shaft journalled in said bearing, an elevator screw in said vertical tubular member operatively connected to the vertical shaft, a power shaft journalled in said housing, and means for operatively connecting said horizontal and vertical shafts with said power shaft, said means including a clutch member arranged to selectively connect and disconnect said vertical shaft with said power shaft.

2,122,426
FRANGIBLE LINK

Ira W. Knight, Providence, R. I., assignor to General Fire Extinguisher Company, Providence, R. I., a corporation of Delaware

Application February 6, 1937, Serial No. 124,437
2 Claims. (Cl. 169—42)

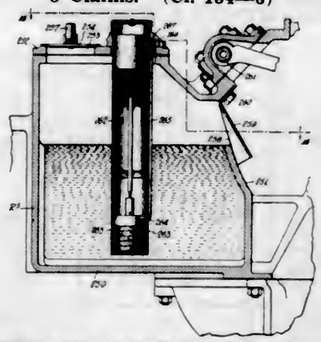


1. A frangible link comprising, in combination, members adapted to be connected to ties and separably connected to each other; one of said members having a yoke outstanding therefrom to provide a support for the other of said members; said other member being pivotally mounted on said support intermediate its ends; and means interposed between said members on opposite sides of said pivotal mounting for holding said members normally inseparable; one of said means being adapted to give way upon being heated to a predetermined temperature and thereby permit separation of said members.

2,122,427
LUBRICATION

Edward H. Kocher, Boonton, N. J., assignor to Auto Research Corporation, a corporation of Delaware

Application February 24, 1931, Serial No. 517,687
8 Claims. (Cl. 184—6)

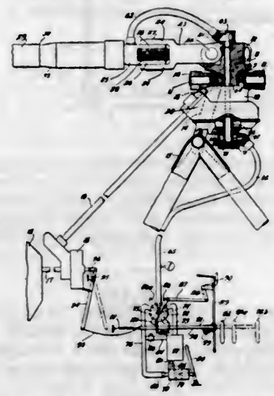


1. A lubricating installation for an automobile comprising a chassis lubricating system, a reservoir for supplying lubricant to the chassis lubricating system, an engine oil reservoir, and a lateral passageway connecting the upper part of the chassis reservoir with the engine reservoir and permitting overflow of lubricant from the chassis reservoir to the engine oil reservoir, said chassis reservoir being attached to the side of said engine structure, said lateral passageway extending directly out of the chassis reservoir into the engine reservoir without being in heat exchange contact with the body of lubricant in the lower part of said chassis reservoir.

2,122,428
ROTARY-WINGED AIRCRAFT

Agnew E. Larsen, Jenkintown, Pa., assignor to Autogiro Company of America, Willow Grove, Pa., a corporation of Delaware

Application June 26, 1937, Serial No. 150,479
25 Claims. (Cl. 244—18)



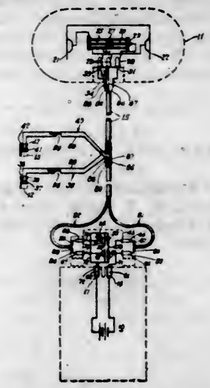
1. Mechanism for mounting an autorotationally actuable sustaining rotor blade including a pair of mounting parts relatively rotatable substantially about the longitudinal axis of the blade, a non-rotative member movable generally axially of the blade, cam and cam follower elements, one connected with the blade and the other with said member, and means for moving said member generally axially of the blade to effect pitch change movement thereof through the medium of the cooperating cam and cam follower, the cam and cam follower having a position toward one end of the relative movement thereof in which the blade is at substantially normal autorotational pitch, and means normally urging said member toward said position.

2,122,429
HEARING AID

Hugo Lieber, New York, N. Y., assignor to Lieber Patents Corporation, New York, N. Y., a corporation of New York

Application August 25, 1934, Serial No. 741,487
8 Claims. (Cl. 179—107)

2. In a portable hearing-aid device for a deafened, a microphone transmitter, an air-conduction receiver having an actuating winding and a lead including said winding, a bone-conduction receiver having an actuating winding and a lead including said winding, a battery having two terminals of opposite polarity, a portable amplifying unit having two supply terminals detachably engaging said battery terminals, said leads and said transmitter being connected to said amplifying unit for simultaneously supplying sound-frequency currents induced by said transmitter to said receiver windings, said receivers and the elements connected in the circuits of said leads being constructed and correlated to operate with characteristics required for correlating the outputs of said receivers with-

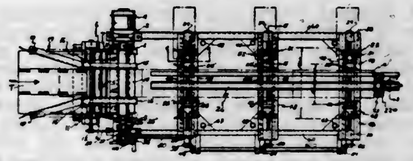


in the range of audible sounds to impart to the deafened simultaneously with optimum sound reception with said air-conduction receiver a correlated optimum sound reception with said bone-conduction receiver.

2,122,430
SHEET HANDLING ARRANGEMENT

Paul H. Long and Terrence W. Ailsworth, Middletown, Ohio

Application March 17, 1936, Serial No. 69,388
7 Claims. (Cl. 271—71)

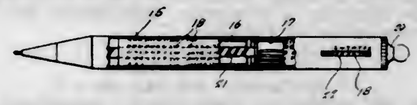


1. In an apparatus for stacking heavy metallic flat units, a delivery table for said units, a feeding roll at the front end of said table, driving means for rotating said roll and thereby successively advancing the units coming into the field of operation of said roll, and means for varying the amount of kinetic energy transferred from said feeding roll to said successive units to control the extent of the forward movement thereof.

2,122,431
CALENDAR WRITING INSTRUMENT

Leo Lowy, Brooklyn, N. Y.

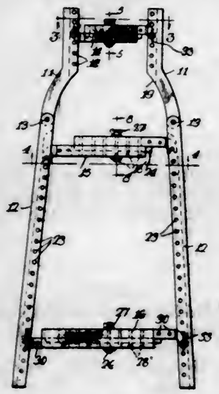
Application August 5, 1936, Serial No. 94,459
1 Claim. (Cl. 40—108)



In a writing instrumentality including a barrel open at one end and provided at said one end with an elongated sight window, a calendar unit rotatably fitted within said end of the barrel and including a cylindrical member having calendar

indicia thereon to be exposed through the sight window, said calendar indicia consisting of calendar months arranged in two laterally spaced groups one of which is adapted to be exposed through the sight window in one position of the member and the other group being adapted to be disposed therethrough when the position of the member is reversed end for end and a knob at the end of the barrel engageable with either end of the member for rotating same.

2,122,432
ADJUSTABLE AND COLLAPSIBLE SKIRT BLOCKER
Arthur F. Maschke, St. Paul, Minn.
Application July 7, 1936, Serial No. 89,454
1 Claim. (Cl. 223—69)

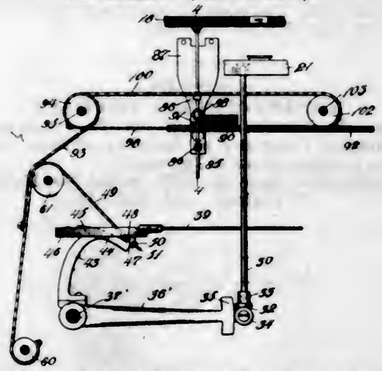


A blocking frame for garments comprising a pair of vertical frame members and a plurality of adjustable cross members for holding said vertical frame members in spaced apart position, each of said vertical frame members including an upper and a lower portion pivoted together, each of said lower portions having a slot extending longitudinally along the inner face thereof and spaced transverse apertures intersecting said slots, said cross members being each tongued and grooved for adjustment as to length, means for maintaining each cross member in its adjusted position, and means carried by each of said cross members for pivotally connecting same to said vertical members, means for adjusting said cross members vertically along said vertical members, said last mentioned means comprising bolts insertable through the apertures in said vertical members.

2,122,433
COATED FILMS AND METHOD OF MAKING THE SAME
Frederick Madison Meigs, Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 17, 1936, Serial No. 85,769
16 Claims. (Cl. 91—68)

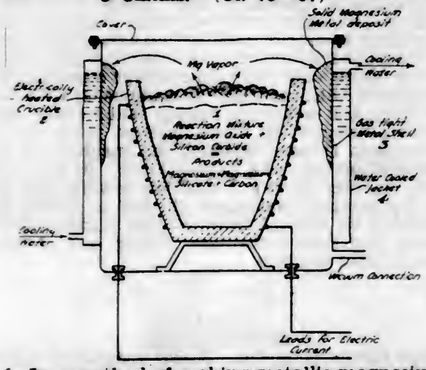
1. An article of manufacture comprising a water-sensitive base, a surface coating and an intermediate coating comprising an aliphatic amine-phenol-aldehyde resin substantially insoluble in water and in 5% aqueous ammonia but soluble in 2% aqueous acetic acid.

2,122,434
BUILDER MOTION FOR TEXTILE MACHINERY
Charles Morton, Pawtucket, R. I., assignor to J. & P. Coats (Rhode Island) Incorporated, a corporation of Rhode Island
Application April 29, 1936, Serial No. 76,947
21 Claims. (Cl. 118—15)



1. In a textile machine, packaging means comprising a traversing member, means for oscillating said traversing member, a guide member, and means for oscillating said guide member during a portion only of the operation of the traversing member.

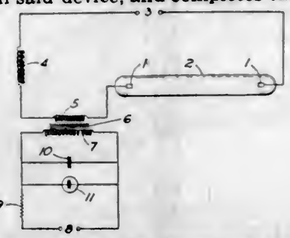
2,122,435
METHOD OF PRODUCING MAGNESIUM
Charles E. Nelson and John S. Peake, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
Application October 1, 1936, Serial No. 103,604
8 Claims. (Cl. 75—67)



1. In a method of making metallic magnesium, the step which consists in heating together silicon carbide and a magnesium oxide-containing material to a temperature capable of liberating magnesium.

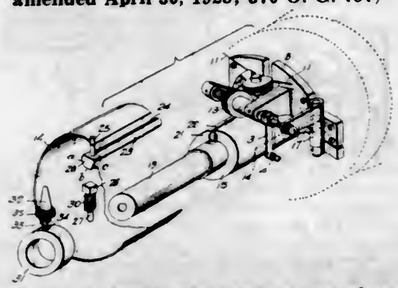
2,122,436
LIGHTING SYSTEM INCLUDING ELECTRICAL DISCHARGE TUBES
Marcello Pirani and Martin Reger, Berlin, Germany, assignors to General Electric Company, a corporation of New York
Application March 31, 1936, Serial No. 71,880
In Germany April 1, 1935
1 Claim. (Cl. 176—124)

An illuminating system comprising in combination, a gaseous electric discharge lamp device, means for supplying a main current of varying intensity to said device to cause said device to emit light of varying intensity and means for supplying a subsidiary current to said device which current is displaced in plase with respect to said main current, and which is capable of causing said device to produce light which is complementary to the light caused by the main current in said device, and completes the curve of



the light emission of the device to a straight line, said last named means comprising a transformer having the secondary thereof connected in series with said lamp device and the primary thereof connected across the terminals of an alternating current source, a condenser and a cathode glow lamp connected in shunt with the primary of said transformer and a resistance in series with said transformer primary, the breakdown potential of said cathode glow lamp being less than the potential supplied by said current source.

2,122,437
RECORD SHEET HOLDER
Ford L. Prescott, Dayton, Ohio
Original application September 5, 1931, Serial No. 561,488. Divided and this application October 15, 1936, Serial No. 105,777
5 Claims. (Cl. 234—70)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



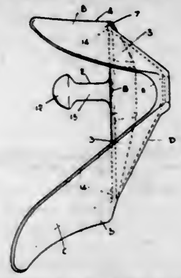
1. A record sheet holder having a record receiving surface adapted to be placed in contact with a marking device to be marked thereby with a record of any relative displacement of the holder and the marking device, and a manually settable index on said holder for orientation to a selected position with respect to the initial setting of the holder and marking device whereby when the said holder is withdrawn from contact at any stage of relative displacement of holder and marking device and again placed in contact with the marking device with the index in the said selected position it will be properly positioned with respect to the marking device to obtain a corresponding relationship of the record and the relative movements of the holder and the marking device.

4. A sheet supporting and tautening device comprising a drum around which the sheet is adapted to be placed, a roller journaled in said drum and adapted to receive the ends of the sheet, means for turning the roller about its axis in either direction to tauten the sheet around the drum, a prismoidal body connected with the roller to be turned therewith, a spring-pressed element mounted on the drum and having a flat face frictionally and yieldingly bearing against the side of the body for contacting the lateral faces of the latter successively and for the full width of each during the turning of the said roller in either direction whereby to arrest the turning motion of the same.

2,122,438
EXPANDED RUBBER
Dudley Roberts, New York, N. Y., and Thomas A. Scott, and Frederick William Peel, Baltimore, Md., assignors to Rubatex Products, Inc., a corporation of Delaware
No Drawing. Application May 14, 1935, Serial No. 21,380
11 Claims. (Cl. 18—53)

1. The method of gassing rubber dough which comprises placing the rubber dough into a chamber, adding condensed carbon dioxide to the chamber, hermetically sealing the chamber, heating the condensed carbon dioxide to form a gaseous pressure within the chamber for gas impregnating the rubber therewith.

2,122,439
AUTOMATIC TRAIN PIPE COUPLING HEAD
Joseph Robinson, New York, N. Y., assignor of one-half to Roy M. Wolvin, Montreal, Quebec, Canada
Application December 3, 1934, Serial No. 755,831
7 Claims. (Cl. 285—58)

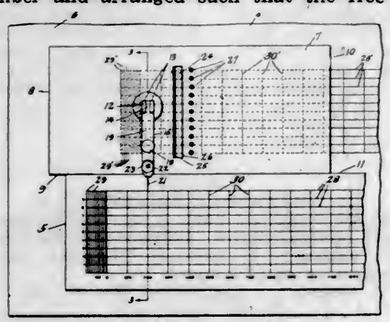


1. An automatic train pipe coupling head cooperating with a mating coupling head and comprising, in combination, a vertically disposed substantially flat base disposed normal to the longitudinal axis of the coupling head, a plurality of forwardly extending laterally diverging guiding prongs connected to said base, a rearwardly inclined funnel guiding member on said base, another guide member on said base, the last mentioned member traveling along one of said guiding prongs of a mating coupling head when opposing coupling heads couple under conditions of disalignment, whereby to guide said another guide member into the funnel guiding member of the mating head.

2,122,440
SCALE DUPLICATOR
Leo M. Samuels, Alexandria, Va.
Application June 28, 1937, Serial No. 150,780
4 Claims. (Cl. 33—76)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

3. A device for duplicating scales comprising in combination a member provided with two

straight edges at right angles to each other one of which is adapted for sliding movement along a straight edge of the scale to be duplicated, a graduation indicator arm associated with said member and arranged such that the free end



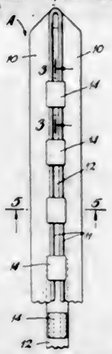
thereof and the graduations of the scale to be duplicated may be juxtaposed, said member being provided with a plurality of apertures the number and spacing of which are determined by the scale to be duplicated.

2,122,441

FASTENING DEVICE

Samuel Segal, Brooklyn, N. Y., assignor of twenty-five percent to Charles Palmer, Washington, D. C., twenty-five percent to Harry Model, and twenty-five percent to Harry Schwartz, both of New York, N. Y.

Application June 10, 1937, Serial No. 147,401
6 Claims. (Cl. 24—207)



4. In a fastener comprising spaced tapes having beaded edges defining an elongated gap, a plurality of spaced runners each having side grooves slidably guided by said edges and lengthwise of said gap and each including a slot disposed widthwise thereof, a closure for said gap comprising a flexible and foldable elongated ribbon having a plurality of spaced loops disposed widthwise thereof and arranged in said slots, and pin means within said runners and within said loops for securing said runners to said ribbon.

2,122,442

FASTENING DEVICE

Samuel Segal, Brooklyn, N. Y., assignor of twenty-five percent to Charles Palmer, Washington, D. C., twenty-five percent to Harry Model and twenty-five percent to Harry Schwartz, both of New York, N. Y.

Application September 25, 1937, Serial No. 165,616
7 Claims. (Cl. 24—207)

1. In a fastener comprising spaced tapes having beaded edges defining an elongated gap, a plurality of runners each including grooves having walls slidably guided by said edges and lengthwise of said gap and each including a slot extending widthwise of said gap and an opening extending substantially normal to said slot and



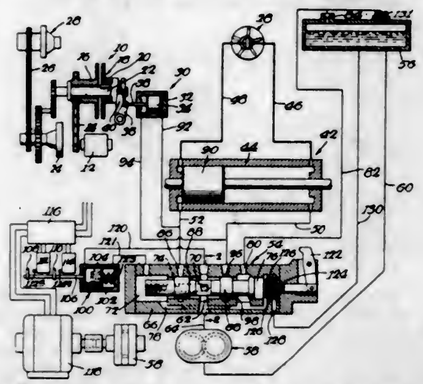
in communication therewith, a foldable and flexible ribbon shiftable lengthwise of said gap and disposed at the rear of said edges and comprising a plurality of loops disposed in said slots, and pin means disposed within said openings and passing through said slots for securing said loops to said runners.

2,122,443

HYDRAULIC ACTUATOR SYSTEM

Ernest J. Svenson, Rockford, Ill.

Application July 25, 1931, Serial No. 553,115
21 Claims. (Cl. 60—52)



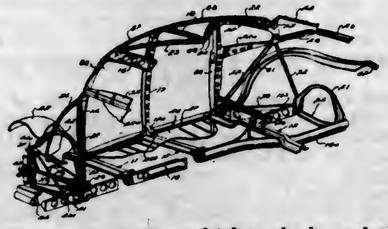
1. A hydraulic actuator system including a hydraulic actuator for shifting machine parts and the like, a feed pump for imparting feeding movement to said actuator, a low pressure independently operable high displacement pumping mechanism adapted to deliver fluid at various rates for imparting rapid traverse to said actuator, a valve for controlling communication between said pumping mechanism and said actuator, driving means for said pumping mechanism, and means operable in timed relation with the actuation of said valve for controlling the rate of delivery of said pumping mechanism.

2,122,444

AUTOMOBILE BODY

John Tjaarda, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application July 20, 1934, Serial No. 736,139
Renewed December 30, 1936
17 Claims. (Cl. 296—28)



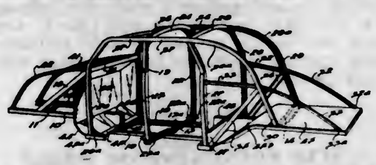
2. In an automotive vehicle, a body and chassis unit comprising a central longitudinal truss member and a plurality of unitary frames each secured at the base thereof to said truss member and surrounding the tonneau, a plurality of strut members extending rearwardly from the upper and lower portions of said frames and joined to the rear end of said truss member to provide a bulkhead in rear of the tonneau, and a plurality of strut members extending forwardly from the upper and lower portions of the foremost of said frames and joined to said truss member to provide a bulkhead in advance of said tonneau.

2,122,445

AUTOMOBILE BODY

John Tjaarda, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application September 21, 1935, Serial No. 41,558
2 Claims. (Cl. 296—28)



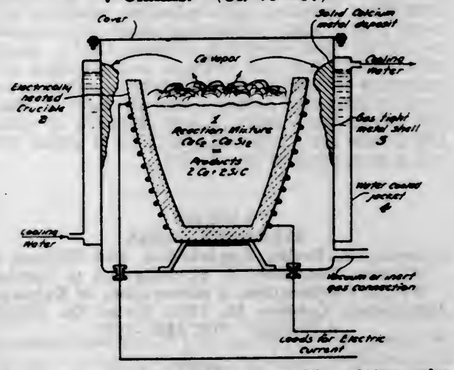
1. In a vehicle having a passenger compartment, a pair of spaced longitudinally arranged and laterally braced trusses, each of said trusses being adapted to be supported at two points and comprising a lower chord extending between said points of support, a front post connected at its lower end to said lower chord and extending vertically therefrom, an intermediate rear tonneau post connected at its lower end to said lower chord and extending vertically therefrom, its upper portion being bent to form a forwardly directed inclined portion, an upper chord having a downwardly bent front portion merging into said front post, said upper chord extending rearward and attached to the upper end of the forwardly inclined portion of said intermediate rear tonneau post, a substantially vertical center pillar attached at its ends to said lower and said upper chords, a front inclined brace member attached to said upper chord substantially at the point of merging of said chord into said front post and to the lower chord substantially at the point of truss support, and a rear inclined post attached to said upper chord at the place of juncture of said chord and the intermediate tonneau post and to the lower chord at the point of truss support.

2,122,446

MANUFACTURE OF CALCIUM METAL

Louis E. Ward, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

Application August 11, 1936, Serial No. 95,461
7 Claims. (Cl. 75—67)



1. In a method of making metallic calcium, the step which consists in heating a mixture of calcium carbide and calcium silicide to a temperature capable of liberating calcium.

2,122,447

NOISE REDUCING MEANS FOR CABIN AIRCRAFT

Stephen J. Zand, Forest Hills, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York

Application March 29, 1933, Serial No. 663,302
Renewed August 21, 1937
2 Claims. (Cl. 98—1)



1. In a noise reducing ventilating system for an aircraft having an engine driven propeller and a closed cabin, a ventilating channel extending within the aircraft cabin and opening to the exterior of the cabin at the forward portion thereof, said channel having ventilating ports at points along the length thereof within said cabin, and a sound filter within said cabin communicating with said channel, said sound filter comprising a container arranged to have its volume varied at will and apertured for providing sound communication between the interior thereof and said cabin, the volume of said container being set in use so that the sound waves communicated therefrom into the cabin are out of phase with the sound waves entering the cabin through said ventilating ports, whereby the sound waves emitted from said filter substantially nullify those emitted from said ports.

2,122,448

PROCESS FOR THE MANUFACTURE OF PRODUCTS MADE FROM CELLULOSE DERIVATIVES

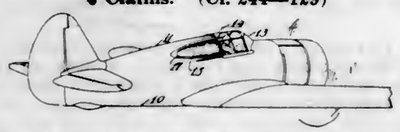
Ernst Berl, Pittsburgh, Pa.

No Drawing. Application May 3, 1934,
Serial No. 723,705
1 Claim. (Cl. 18—54)

The process of manufacturing products including threads, filaments, ribbons, films and the

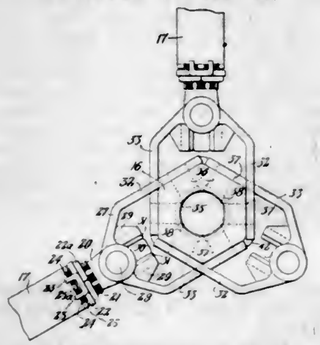
like which comprises spinning a solution of cellulose nitrate in a bath containing about 17 to about 23% ammonium nitrate, about 24 to about 30% water and about 50 to about 56% alcohol to solidify said cellulose nitrate and form a solidified cellulose element, pulling off said element at a rate of about 30 meters per minute with little stretching, passing said solidified cellulose element into a bath containing about 80% alcohol to convert said solidified element into a plastic state, stretching said element and allowing said stretched element to dry whereby a cellulose element is produced having a dry strength of about 2.60 grams per denier, a wet strength of about 1.50 grams per denier, an elasticity of about 10% and a stretching of about 12%.

2,122,449
AIRCRAFT CABIN
Donovan R. Berlin, Eggertsville, and William O. Watson, Kenmore, N. Y., assignors to Curtiss-Wright Corporation, a corporation of Delaware
Application October 16, 1937, Serial No. 169,356
6 Claims. (Cl. 244—129)



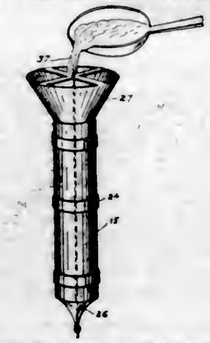
1. In aircraft, a fuselage having a cockpit cutout, a transparent top over said cockpit forming a forward streamlined prolongation of the fuselage form, said cockpit having accommodations for a pilot so arranged that the pilot's head is above the lateral cockpit edges and forward of the rear fuselage portion, laterally disposed tunnels formed in the fuselage above the cockpit edge to provide rearward and lateral vision for the pilot, and transparent covers for said tunnels disposed to form streamlined continuations of the fuselage form.

2,122,450
AIRCRAFT WITH ROTATABLE SUSTAINING MEANS
Harris S. Campbell, Willow Grove, Pa., assignor to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application July 6, 1934, Serial No. 733,980
21 Claims. (Cl. 244—18)



1. An aircraft sustaining rotor including at least three sustaining wings, a hub device, and pivot means joining the wings and the hub device, the pivot means being constructed and arranged to provide individual pivot axes for the several wings, all of which axes intersect the axis of the hub device at a single point, the hub device being hollowed and being provided with pivot pin apertures, the axes of which coincide with the pivot axes and are at angles to the longitudinal axes of the respective wings, together with pivot pins insertable into said apertures through the hollowed portion of the hub device.

2,122,451
METHOD OF CREATING DESIGNS FOR CANDLES
Irineos Cassimatis, Gary, Ind., assignor of one-half to Harry E. Strategos, Chicago, Ill.
Application December 14, 1936, Serial No. 115,733
3 Claims. (Cl. 18—58)



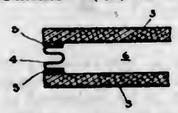
1. The method of creating a candle having ink markings on its outer surfaces comprising taking a strip of nonporous resilient material, applying desired wet markings in ink thereto, rolling said strip so that the wet ink markings are on the inside of the roll, immediately placing said roll in a cylinder, pouring hot melted candle forming stock in said cylinder while the ink on the roll is still wet, solidifying said stock, and removing the candle shaped by said cylinder and bearing surface markings from contact with the wet ink on said roll.

2,122,452
ACID TREATMENT OF WELLS
Charles E. Clason, Wichita, Kans., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application December 7, 1936, Serial No. 114,586
3 Claims. (Cl. 166—21)



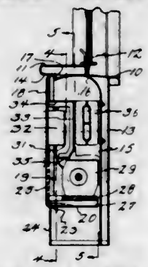
1. The method of treating wells having separated formations bearing oil or the like which includes the steps of first treating the lower formation with an agent capable of reacting therewith to form a salt, then effectively but temporarily plugging said lower formation by supplying a substance thereto capable of forming an oil soluble precipitate with said salt, adding additional salt solution to the well above the plug so formed to fill the well up to a level near the next higher oil-bearing formation, treating the said higher formation with an agent capable of reacting therewith, dissolving the plug by bringing oil in contact with the precipitate thereof and removing the resultant fluids from the well.

2,122,453
DOUBLE GLAZING UNIT
Robert L. Clause, Sewickley, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application May 26, 1936, Serial No. 81,865
3 Claims. (Cl. 20—56.5)



1. A double glazing unit comprising a pair of parallel glass sheets, a spacer of bent sheet metal with parallel flanges between the units at their edges having a coefficient of expansion approximately the same as that of the glass and a vitreous bond between the faces of the spacer and the surfaces of the glass sheets which will soften at a temperature substantially below the softening temperature of the glass sheets.

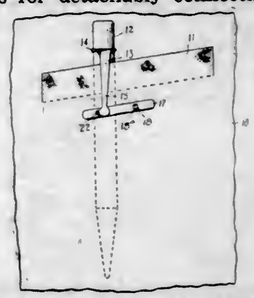
2,122,454
HEAT TRANSFER UNIT
Lachlan W. Child, South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill., a corporation of Delaware
Application November 2, 1935, Serial No. 47,965
6 Claims. (Cl. 257—137)



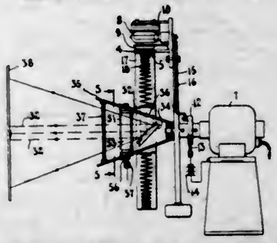
5. A heater comprising a casing provided with a heat exchange device rigidly secured to one side thereof, and a panel hinged in the opposite side adapted to be opened for access to the interior of the heater and carrying air inlet and outlet means, air circulating means, and control means for the air circulating means, said panel and casing being so arranged that when the panel is closed it completes a restricted air passage containing the heat exchange device.

2,122,455
MEANS FOR DETACHABLY SECURING A PEN, PENCIL, OR THE LIKE IN A POCKET
Alfred Henry Croxon, Toronto, Ontario, Canada
Application March 24, 1937, Serial No. 132,717
2 Claims. (Cl. 24—12)

1. Means for detachably securing a pen, pencil, or the like to a pocket, comprising a clip, having a pen engaging part and a prong so constructed and relatively arranged that when the pen engaging part is secured to the pen the prong will extend longitudinally thereof with its free end of the prong and the greater part of its length normally spaced from the pen a predetermined distance at least equal to the width of the material of the pocket; an anchoring member; means for detachably connecting the anchoring member to the outside of the pocket below the opening thereof; and means for detachably securing the clip to the anchoring member when the pen is in the pocket, comprising positively co-operating disconnectible male and female parts, one of said parts being located on the prong adjacent the free end thereof and the other part being located on the anchoring member.



2,122,456
TELEVISION SYSTEM AND METHOD
Lee de Forest, Hollywood, Calif., assignor to American Television Laboratories, Inc., Hollywood, Calif., a corporation of Delaware
Application October 3, 1936, Serial No. 103,844
11 Claims. (Cl. 178—7.6)

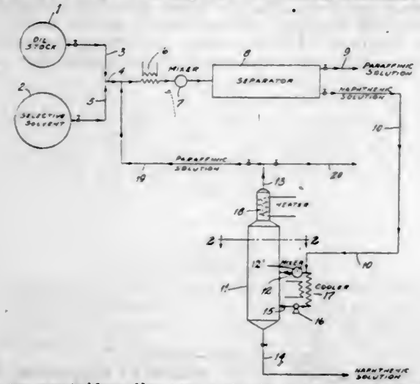


1. A television scanner comprising an opaque member having a zig-zag linear transparent aperture therein, the legs of said aperture having varying lengths according to the desired shape of the envelope of the scanning beam.

2,122,457
METHOD OF SEPARATING CONSTITUENTS OF MINERAL OILS
Eddie M. Dons, Oswald G. Mauro and Dwight B. Mapes, Tulsa, Okla., assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla., a corporation of Delaware
Application July 10, 1936, Serial No. 89,922
4 Claims. (Cl. 196—13)

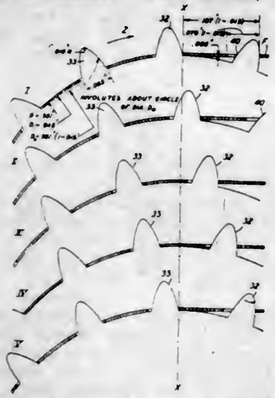
1. In the art of extracting constituents of mineral oils, the method of separting a solution of paraffinic and naphthenic compounds which comprises permitting the solution to settle in a chamber having an upper paraffinic settling zone and a lower naphthenic settling zone, discharging the resultant paraffinic liquid from the upper

portion of the paraffinic settling zone, discharging more naphthenic liquid from the lower portion of the naphthenic zone, and introducing said solution into the liquid between said settling zones while forcibly whirling the incoming solution so



as to centrifugally separate it into a relatively heavy liquid portion near the periphery of said settling chamber and a lighter more paraffinic liquid portion near the center of said settling chamber.

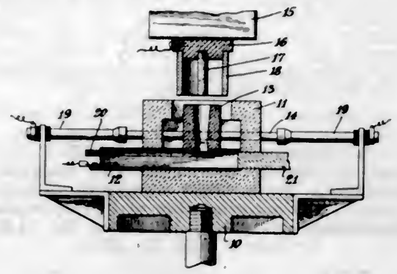
2,122,458
FILM SPROCKET
Lloyd A. Elmer, Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 30, 1936, Serial No. 88,128
5 Claims. (Cl. 271—2.3)



3. A toothed film driving sprocket having a tooth pitch equal to the perforation pitch of one film to be driven thereby, and teeth having trochoidal driving faces generated from a base circle the diameter of which is equal to the pitch diameter of a sprocket giving pitch equality with a reduced perforation pitch film to be driven by said sprocket.

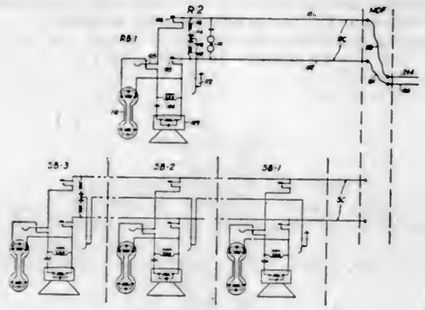
2,122,459
METHOD FOR FABRICATING ARTICLES OF HARD METAL COMPOSITIONS
Edgar W. Engle, Hastings on Hudson, N. Y., assignor, by mesne assignments, to Carboloy Company, Inc., a corporation of New York
Application August 4, 1934, Serial No. 738,472
4 Claims. (Cl. 76—107)

1. The method of reclaiming a worn or broken die nib made from cemented hard metal carbide, which comprises heating in a protecting atmosphere a complete die nib having the various portions thereof arranged in substantially the same relative positions they originally were in, and forcing the heated nib through a graphite extru-



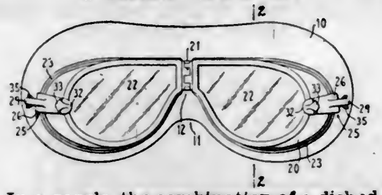
sion die having a restricted passage to apply pressure to the nib until the combined heat and pressure cause it to be reshaped in a single mass having substantially the same characteristic properties of the original die nib throughout and the die hole to be reconditioned.

2,122,460
ALARM SIGNALING SYSTEM
Charles F. Ffolliott, Chicago, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application December 4, 1936, Serial No. 114,145
11 Claims. (Cl. 179—5)



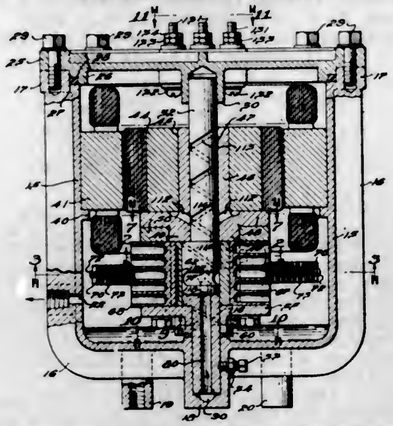
1. In an alarm system, an alarm station, an alarm headquarters, a line circuit connecting said alarm station with said alarm headquarters, a normal flow of alternating current over said line circuit, a source of direct current potential normally applied to said line circuit, an alarm signal at said alarm headquarters, means at said alarm station for interrupting said normal flow of alternating current when an emergency alarm is transmitted, means at said alarm headquarters responsive to said interruption of said normal flow of alternating current for interruptedly operating said alarm signal, means at said alarm station for permitting a flow of direct current from said source of direct current potential when an ordinary alarm is transmitted, and means at said alarm headquarters responsive to said direct current flow for steadily operating said alarm signal.

2,122,461
GOGGLES
Charles Fischer, New York, N. Y.
Application February 25, 1937, Serial No. 127,590
4 Claims. (Cl. 2—14)



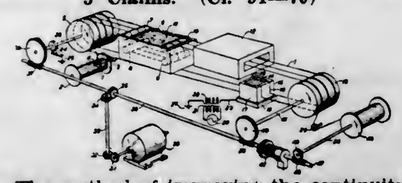
1. In a goggle, the combination of a dished rubber pad having eye openings, a flange on the pad about each eye opening, metal retaining rings formed half-round in cross-section, the flat surface of each ring being adapted to engage the flange surrounding one of said eye openings, means for securing the pad flanges and rings together, and a pair of metal frames, each adapted to carry a lens and each formed with an interior groove having a curved wall adapted to receive the curved surface of one of the retaining rings.

2,122,462
REFRIGERANT COMPRESSION UNIT
Guy C. Fricke, Pleasant Ridge, Mich.
Application October 12, 1936, Serial No. 105,186
1 Claim. (Cl. 230—140)



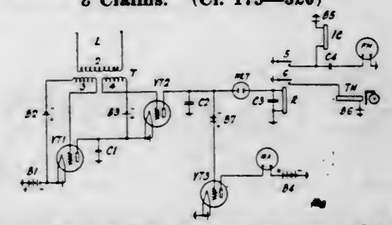
A pumping unit including in combination an enclosed sealed casing having a centrally disposed stationary shaft therein, said shaft having an eccentric portion formed thereon, a valve ring snugly surrounding and rotatably mounted on the eccentric portion of said shaft, an intake port in said shaft having one end opening in the peripheral surface of said eccentric portion and the other end opening in one axial end of said shaft, a cylinder rotatably mounted in said casing on said shaft adapted for rotation coaxially with said shaft, said cylinder surrounding the eccentric portion of said shaft, the walls of said cylinder having slots therein, diametrically disposed radially reciprocable vanes slidably mounted in said slots, resilient means for urging said vanes into engagement with the periphery of said valve ring, one of said vanes having a driving engagement with said valve ring whereby to effect rotation of said valve ring with said cylinder, the other of said vanes having a sliding engagement with said valve ring, said valve ring having ports therein serving to establish communication between said intake port in said shaft and the interior of said cylinder, said cylinder having exhaust ports in the walls thereof and valves for controlling said exhaust ports.

2,122,463
METHOD OF ENAMELING WIRE
Calvin S. Fuller, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 27, 1936, Serial No. 71,149
5 Claims. (Cl. 91—70)



1. The method of improving the continuity of insulation on wire which comprises coating the wire with insulation, passing the coated wire through a liquid electrode, applying a potential between the wire and electrode sufficient to reduce any metallic projections of the wire through the coating and subsequently recoating the wire.

2,122,464
ELECTRICAL APPARATUS
Marcel J. E. Golay, Long Branch, N. J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application January 8, 1932, Serial No. 585,524
8 Claims. (Cl. 175—320)

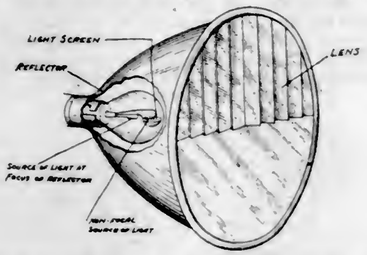


1. In combination, a current source and a storage condenser connected in series in a condenser-charging circuit, a pair of vacuum tubes connected in series with one another in said circuit, a charging condenser connected to said circuit at a point between the two vacuum tubes, and means for making said vacuum tubes conductive alternately whereby said charging condenser is alternately charged through one of said vacuum tubes and discharged through the other in order to effect measured changes in the state of charge of said storage condenser.

2,122,465
LIGHT-PROJECTION SYSTEM PARTICULARLY FOR VEHICLE LAMPS
Arnold Graves, Wheathampstead, England
Application June 1, 1935, Serial No. 24,557
In Great Britain March 20, 1934
4 Claims. (Cl. 240—41.25)

1. A light projector comprising in combination with a reflector, a lens, a lamp having two selectively operable light sources, one located at the focus of the reflector and the other forwardly thereof, a cup-shaped screen arranged below the

non-focal light source to restrict the light from that source to rays which are reflected by the upper half of the reflector in a downward and forward direction and through only the upper half of the lens which is provided with shallow vertical one-way triangular prisms symmetrically disposed in two groups, one group on each side of the vertical center line of the lens, and extend-



ing substantially to the horizontal center line of the lens, the long face of each prism forming with the plane of the lens, an angle which is insufficient to cause separation of the beam, when the source of light at the focus is in use, into non-overlapping beams, and which is large enough to cause a definite narrowing and concentration of the non-focal light beam.

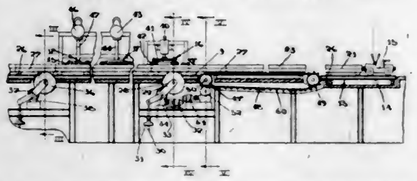
2,122,466

APPARATUS FOR SURFACING GLASS SHEETS

Herman S. Heichert and William Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

Application April 16, 1936, Serial No. 74,664

4 Claims. (Cl. 51—110)



1. In combination with apparatus for surfacing glass which comprises a work track with a series of surfacing machines thereover, a train of abutting cars for carrying the glass sheets to be surfaced along the track provided on their under sides with racks, a driven pinion at the entrance end of the track adapted to engage the racks, a transfer track extending transversely of the work track, a car on the transfer track provided with a track adapted to be brought into alinement with the work track and a locomotive on the transfer track for moving a car along such track and onto the work track, of a continuously driven delivery means located intermediate the transfer track and said pinion having run over means which permits the free movement of the car rack thereover at a higher rate of speed than the movement of the delivery means and adapted to engage the rack on the car delivered thereto and move it along the track till the rack is engaged by said pinion, said delivery means being normally driven at a speed in excess of the peripheral speed of said pinion but subject to a reduction in speed to that of the pinion by the resistance encountered when the car moved thereby engages the rear end of the train of cars on the work track.

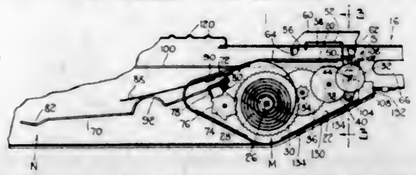
2,122,467

TOY MACHINE GUN

John W. K. Heppner, New York, N. Y., assignor to Louis Marx & Company, New York, N. Y., a corporation of New York

Application April 17, 1934, Serial No. 720,952

17 Claims. (Cl. 46—175)



1. A toy machine gun comprising a machine gun body having breech, barrel and muzzle portions, a pivoted vibratile hammer in the barrel portion, an actuating spring in contact with said hammer, a rotatable cam cooperating with said hammer to vibrate the same against the spring, sparking mechanism in the muzzle portion, a motor carried in said machine gun body at the muzzle portion for operating both the cam and the sparking mechanism, and a trigger at the breech portion for controlling the motor.

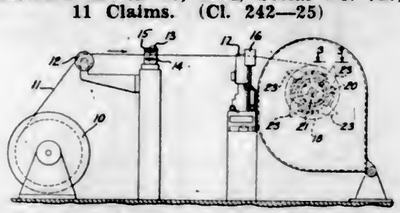
2,122,468

APPARATUS CONTROL SYSTEM

Walter M. Hill, Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application March 23, 1934, Serial No. 717,092

11 Claims. (Cl. 242—25)



8. A control system for material handling apparatus, comprising a rotatable coiling head for winding material thereon, means for rotating the coiling head, a member for guiding the material to the coiling head, a set of cams operated through the advancement of the material to the coiling head, transfer and interlocking relays operated by the cams when a predetermined length of material has been wound on the coiling head, means under the control of the relays for shifting the material guiding member relative to the coiling head for forming inter-connected coils of measured lengths upon the coiling head, and means controlled by the advancement of material for rendering ineffective the rotating means when a predetermined length of material has been wound upon the coiling head.

2,122,469

APPARATUS FOR MAKING GLASS

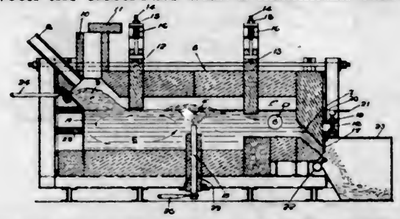
Harry F. Hitner, Oakmont, Pa., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

Application September 10, 1936, Serial No. 100,135

4 Claims. (Cl. 13—6)

1. Apparatus for melting glass comprising a tank of substantial length and breadth, wherein molten glass acts as a resistance to a current of electricity, means for supplying batch to one end of the tank, an electrode in said tank in contact

with the glass therein, a second electrode in the tank remote from the first electrode entirely beneath the normal glass level but adjacent such level and remote from the side and end walls of the tank, means for causing a flow of electricity between the electrodes with a maximum current



density in the glass adjacent the point of contact between the glass and said second electrode so that a boil is produced at such point, and an outlet for withdrawing glass from the end of the tank which is remote from the end to which the batch is supplied and remote from said second electrode.

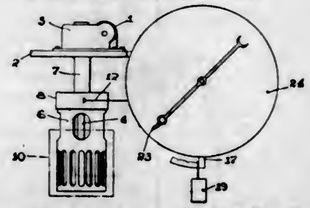
2,122,470

VISCOSIMETER

Gilbert F. Hoffmann, Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania

Application July 30, 1936, Serial No. 93,448

2 Claims. (Cl. 265—11)



1. In combination in apparatus for determining a plurality of physical constants of a fluid composition, a hollow slotted cylinder attached to and driven through a vertical shaft, a second hollow slotted cylinder mounted around and independent of said first mentioned cylinder for free rotation and means actuated by the second cylinder to indicate the magnitude of movement imparted thereto.

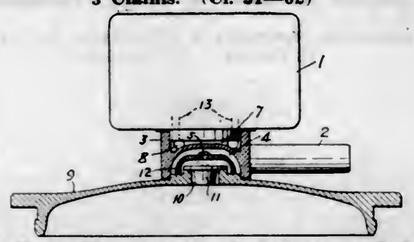
2,122,471

MILKING MACHINE

John L. Hulbert, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application August 26, 1936, Serial No. 97,881

3 Claims. (Cl. 31—62)



3. In a milking machine including means providing a passage to a source of vacuum, a pulsator adapted for connection with teat cups and a pail adapted to receive milk from said cups and having an air outlet: means allowing exhaust of air from said pail to said vacuum passage and preventing reverse flow to the pail of impure air from said cups and pulsator, said means comprising two separate chambers discharging to the vacuum passage, and check valve mechanism at the air outlet of the pail, one of said chambers enclosing said check valve mechanism and the other adapted to receive air from said pulsator and teat cups, the second named chamber discharging directly into the vacuum passage and the first named chamber discharging into the vacuum passage by way of the upper part of the second named chamber.

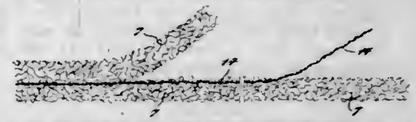
2,122,472

WEB MATERIAL AND METHOD OF MAKING THE SAME

Edward Hurst and Myrick Crane, Fall River, Mass., assignors to United Cotton Products Company, Fall River, Mass., a corporation of Massachusetts

Application May 17, 1935, Serial No. 21,948

4 Claims. (Cl. 154—46)



1. In combination, a web comprising a plurality of carded membranes each formed of a multiplicity of fibers, said membranes being disposed one on another and the individual fibers being loosened and displaced from the positions they occupied in the membranes as they left the cards and extending in a multiplicity of different directions and located in a multiplicity of different planes, the fibers in the membranes being interengaged and interwoven with each other and with the fibers of the other membranes to form a substantially unlaminated web, a sheet of fabric having interstices between the threads thereof and incorporated in said web, with a multiplicity of said fibers extending through said interstices and engaging said thread to unite the web and the fabric, and an adhesive holding said fibers in said relations to each other and to the fabric.

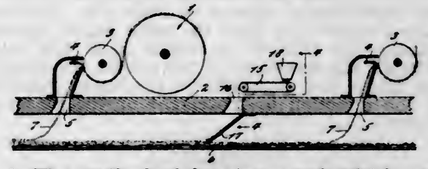
2,122,473

METHOD OF FORMING A WEB

Edward Hurst and Myrick Crane, Fall River, Mass., assignors to United Cotton Products Company, Fall River, Mass., a corporation of Massachusetts

Original application May 17, 1935, Serial No. 21,948. Divided and this application April 29, 1936, Serial No. 76,888

2 Claims. (Cl. 154—2)



1. The method of forming a web which comprises forming a plurality of carded membranes of unspun fibers, loosening and displacing the individual fibers in each membrane from the positions they occupied in the membranes as they left the cards, superposing said membranes one

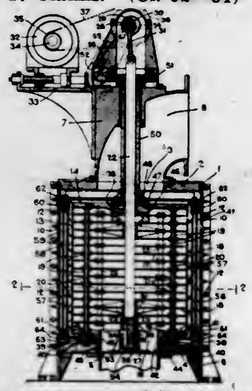
on another, interposing between adjacent membranes a multiplicity of elements other than the fibers of which the membranes are composed, interengaging and interweaving the fibers of the membranes on opposite sides of said elements with each other and with said elements, and impregnating the web thus formed with an adhesive.

2,122,474
DEVICE FOR HOLDING FILMS OR THE LIKE
Heinrich Karl, Jersey City, N. J.
Application November 7, 1933, Serial No. 696,934
16 Claims. (Cl. 248—363)



16. In a device for holding films touching-close to the copy to be covered by them permitting thereby the free working by hand on said films, a means adapted to hold the copy that might have any of the conventional shapes and any size in depth, said means having an edge and being extendable so that it will be adapted to hold copies of various sizes and having a flat side starting from said edge, means for holding the front side of said copy in the same plane as said flat side, the single film secured on said flat side but lying loose on the frontside of said copy.

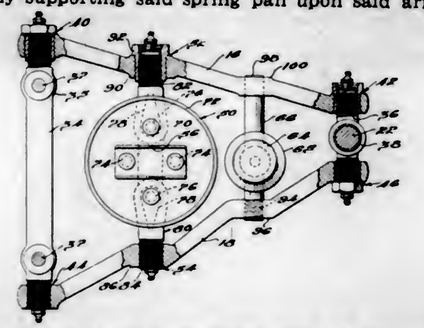
2,122,475
PULP SCREENING MACHINE
Nelson M. Knight, Weymouth Heights, Mass.
Application January 3, 1936, Serial No. 57,378
17 Claims. (Cl. 92—34)



1. A pulp screen comprising a casing having an intake for unscreened pulp and an outlet for screened pulp, a vertical screen situated between the inlet and outlet and through which the pulp flows, said screen having baffle plates extending therefrom, pulp-pulsating plates situated between the baffle plates, means to move the pulsating plates toward and from the baffle plates, thereby causing the pulp to be forced back and forth through the screen as it flows from the inlet to the outlet, and a support for the screen yieldable in the direction of movement of the pulsating plates.

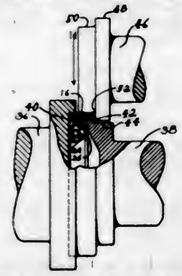
2,122,476
INDIVIDUAL SUSPENSION
John W. Leighton, Port Huron, Mich.
Application March 20, 1936, Serial No. 69,784
10 Claims. (Cl. 267—20)

1. A wishbone assembly for a wheel suspension or the like comprising, in combination, a pair of wishbone arms connected together at the respective ends thereof, a spring pan, and means pivotally supporting said spring pan upon said arms



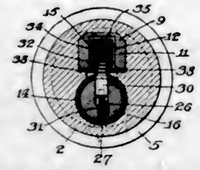
comprising a pair of oppositely directed trunnions connected to said pan, and means forming a threaded bearing connection between said trunnions and said arms respectively.

2,122,477
METHOD OF MAKING AN OIL SEAL
Simpson C. Leonard, Jr., Detroit, Mich.
Application August 3, 1935, Serial No. 34,548
1 Claim. (Cl. 29—148.2)



The method of forming a metallic housing for an oil seal which consists in forming a metallic cup member having a base portion and a peripheral flange portion substantially at right angles to the base thereof, rolling the outer edge of the peripheral flange portion to reduce its thickness, assembling a leather packing member and a metallic member in the cup member, and finally crimping the reduced outer portion of the peripheral flange inwardly into pressing engagement with the metallic member thereby forcing said member to press against said leather packing.

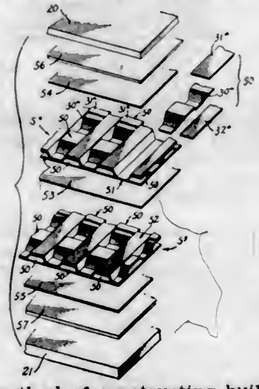
2,122,478
LOCK
Samuel A. Liss, Philadelphia, Pa., assignor of one-half to Helen B. Hamill, Haddonfield, N. J.
Application September 9, 1935, Serial No. 39,768
12 Claims. (Cl. 70—419)



1. In a lock, a casing, a key operated rotatable cylinder, a primary tumbler movable within the cylinder, a secondary tumbler cooperating with

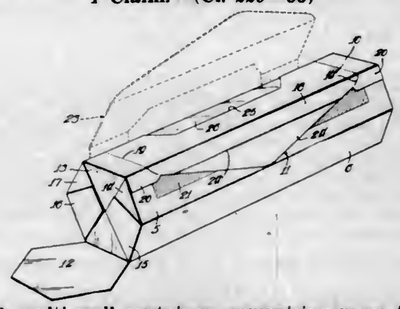
the primary tumbler for locking and unlocking the cylinder, laterally movable guiding means for the secondary tumbler, and means rendered operable to prevent the unlocking functioning of the secondary tumbler upon lateral movement of the latter and its guiding means.

2,122,479
BUILDING CONSTRUCTION
Bernard London, New York, N. Y.
Application May 25, 1935, Serial No. 23,369
9 Claims. (Cl. 154—28)



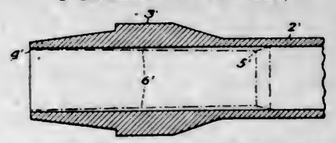
5. In a method of constructing building parts of the character described, the combination of steps which comprises forming a plurality of corrugated sheet members having troughs on at least one side thereof of substantially the same transverse cross-section, cutting one of said corrugated sheets transversely of the corrugations therein into a plurality of strips along planes defining a cross-section to substantially mate said first-mentioned cross-section, and securing said corrugated strips into correspondingly cross-sectioned troughs of another of said corrugated sheet members.

2,122,480
CARTON
Roy E. Lowey, Chicago, Ill., assignor to Container Corporation of America, Chicago, Ill., a corporation of Delaware
Application January 29, 1937, Serial No. 122,966
1 Claim. (Cl. 229—33)



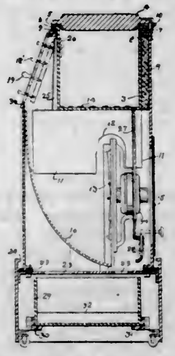
A multi-wall container, comprising more than four interconnected wall sections of similar width, one of said sections having a terminal flap joined in overlapped relation to the opposite terminal wall section, said flap and at least two successive adjacent sections joined thereto having an intermediate portion defined from the exterior portions thereof by weakened lines formed in said wall sections and extending across the full width of such sections to provide a supplemental closure, the mid-portion of said terminal flap being releasably secured to the terminal wall section while the extremities of said flap section are permanently secured to the terminal wall section, and integral flaps on all of said wall sections adapted to be secured together to form end closures for the container, said end flaps when secured together serving to support the extremities of those wall sections provided with weakened lines after the closure element has been severed therealong.

2,122,481
METHOD OF MAKING A TUBULAR PRODUCT
Albert S. Lynch, Beaver, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 2, 1935, Serial No. 52,481
3 Claims. (Cl. 29—156)



1. A method of making an upset integral joint drill pipe section of substantially uniform bore, comprising heating a generally tubular blank, upsetting an end portion of the blank both internally and externally whereby to decrease its internal diameter and increase its external diameter, such upsetting operation entailing relatively few upsetting and reheating operations as compared with those which would be necessary if the blank were upset outwardly only, increasing the external diameter of the blank by such upsetting sufficiently that substantially the amount of metal necessary for formation of an integral pipe joint lies outside a cylinder defined by the original internal diameter of the blank, and reshaping the blank to enlarge the reduced internal diameter thereof at said upset portion to substantially the internal diameter of the non-upset portion of the blank.

2,122,482
AIR CONDITIONING APPARATUS
George M. Marr, New York, and Arthur P. Marr, Brooklyn, N. Y., assignors to Air Conditioners, Inc., New York, N. Y., a corporation of Delaware
Application July 28, 1934, Serial No. 737,383
2 Claims. (Cl. 62—129)



2. An air conditioning device comprising a container, an air blower arranged therein, a refrig-

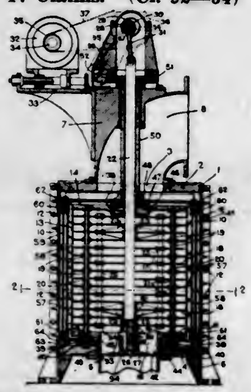
on another, interposing between adjacent membranes a multiplicity of elements other than the fibers of which the membranes are composed, interengaging and interweaving the fibers of the membranes on opposite sides of said elements with each other and with said elements, and impregnating the web thus formed with an adhesive.

2,122,474
DEVICE FOR HOLDING FILMS OR THE LIKE
Heinrich Karl, Jersey City, N. J.
Application November 7, 1933, Serial No. 696,934
16 Claims. (Cl. 248—363)



16. In a device for holding films touching-close to the copy to be covered by them permitting thereby the free working by hand on said films, a means adapted to hold the copy that might have any of the conventional shapes and any size in depth, said means having an edge and being extendable so that it will be adapted to hold copies of various sizes and having a flat side starting from said edge, means for holding the front side of said copy in the same plane as said flat side, the single film secured on said flat side but lying loose on the frontside of said copy.

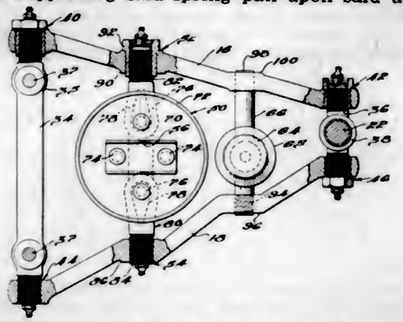
2,122,475
PULP SCREENING MACHINE
Nelson M. Knight, Weymouth Heights, Mass.
Application January 3, 1936, Serial No. 57,378
17 Claims. (Cl. 92—34)



1. A pulp screen comprising a casing having an intake for unscreened pulp and an outlet for screened pulp, a vertical screen situated between the inlet and outlet and through which the pulp flows, said screen having baffle plates extending therefrom, pulp-pulsating plates situated between the baffle plates, means to move the pulsating plates toward and from the baffle plates, thereby causing the pulp to be forced back and forth through the screen as it flows from the inlet to the outlet, and a support for the screen yieldable in the direction of movement of the pulsating plates.

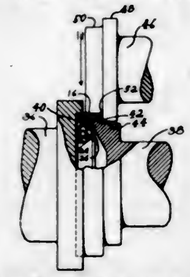
2,122,476
INDIVIDUAL SUSPENSION
John W. Leighton, Port Huron, Mich.
Application March 20, 1936, Serial No. 69,784
10 Claims. (Cl. 267—20)

1. A wishbone assembly for a wheel suspension or the like comprising, in combination, a pair of wishbone arms connected together at the respective ends thereof, a spring pan, and means pivotally supporting said spring pan upon said arms



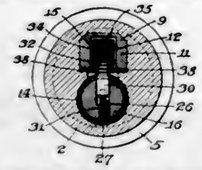
comprising a pair of oppositely directed trunnions connected to said pan, and means forming a threaded bearing connection between said trunnions and said arms respectively.

2,122,477
METHOD OF MAKING AN OIL SEAL
Simpson C. Leonard, Jr., Detroit, Mich.
Application August 3, 1935, Serial No. 34,548
1 Claim. (Cl. 29—148.2)



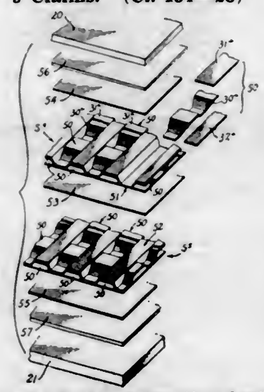
The method of forming a metallic housing for an oil seal which consists in forming a metallic cup member having a base portion and a peripheral flange portion substantially at right angles to the base thereof, rolling the outer edge of the peripheral flange portion to reduce its thickness, assembling a leather packing member and a metallic member in the cup member, and finally crimping the reduced outer portion of the peripheral flange inwardly into pressing engagement with the metallic member thereby forcing said member to press against said leather packing.

2,122,478
LOCK
Samuel A. Liss, Philadelphia, Pa., assignor of one-half to Helen B. Hamill, Haddonfield, N. J.
Application September 9, 1935, Serial No. 39,768
12 Claims. (Cl. 70—419)



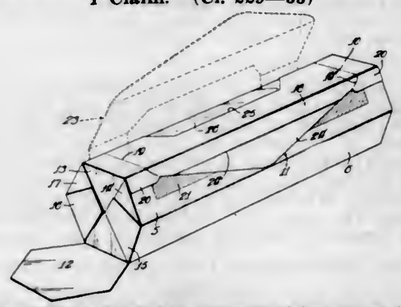
1. In a lock, a casing, a key operated rotatable cylinder, a primary tumbler movable within the cylinder, a secondary tumbler cooperating with the primary tumbler for locking and unlocking the cylinder, laterally movable guiding means for the secondary tumbler, and means rendered operable to prevent the unlocking functioning of the secondary tumbler upon lateral movement of the latter and its guiding means.

2,122,479
BUILDING CONSTRUCTION
Bernard London, New York, N. Y.
Application May 25, 1935, Serial No. 23,369
9 Claims. (Cl. 154—28)



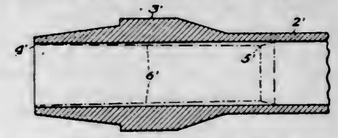
5. In a method of constructing building parts of the character described, the combination of steps which comprises forming a plurality of corrugated sheet members having troughs on at least one side thereof of substantially the same transverse cross-section, cutting one of said corrugated sheets transversely of the corrugations therein into a plurality of strips along planes defining a cross-section to substantially mate said first-mentioned cross-section, and securing said corrugated strips into correspondingly cross-sectioned troughs of another of said corrugated sheet members.

2,122,480
CARTON
Roy E. Lowey, Chicago, Ill., assignor to Container Corporation of America, Chicago, Ill., a corporation of Delaware
Application January 29, 1937, Serial No. 122,966
1 Claim. (Cl. 229—33)



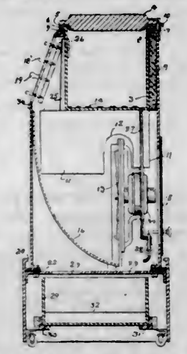
A multi-wall container, comprising more than four interconnected wall sections of similar width, one of said sections having a terminal flap joined in overlapped relation to the opposite terminal wall section, said flap and at least two successive adjacent sections joined thereto having an intermediate portion defined from the exterior portions thereof by weakened lines formed in said wall sections and extending across the full width of such sections to provide a supplemental closure, the mid-portion of said terminal flap being releasably secured to the terminal wall section while the extremities of said flap section are permanently secured to the terminal wall section, and integral flaps on all of said wall sections adapted to be secured together to form end closures for the container, said end flaps when secured together serving to support the extremities of those wall sections provided with weakened lines after the closure element has been severed therealong.

2,122,481
METHOD OF MAKING A TUBULAR PRODUCT
Albert S. Lynch, Beaver, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 2, 1935, Serial No. 52,481
3 Claims. (Cl. 29—156)



1. A method of making an upset integral joint drill pipe section of substantially uniform bore, comprising heating a generally tubular blank, upsetting an end portion of the blank both internally and externally whereby to decrease its internal diameter and increase its external diameter, such upsetting operation entailing relatively few upsetting and reheating operations as compared with those which would be necessary if the blank were upset outwardly only, increasing the external diameter of the blank by such upsetting sufficiently that substantially the amount of metal necessary for formation of an integral pipe joint lies outside a cylinder defined by the original internal diameter of the blank, and reshaping the blank to enlarge the reduced internal diameter thereof at said upset portion to substantially the internal diameter of the non-upset portion of the blank.

2,122,482
AIR CONDITIONING APPARATUS
George M. Marr, New York, and Arthur P. Marr, Brooklyn, N. Y., assignors to Air Conditioners, Inc., New York, N. Y., a corporation of Delaware
Application July 28, 1934, Serial No. 737,383
2 Claims. (Cl. 62—129)



2. An air conditioning device comprising a container, an air blower arranged therein, a refrig-

erant container within said casing and insulated therefrom, a plurality of thermal conductors secured to said refrigerant container, means for directing the air from the blower in contact with said thermal conductors, and means for directing the air upon its discharge from the said casing, and means for collecting the water of dehumidification from said thermal conductors and a tubular member connected to said refrigerant container and passing through certain of said conductors.

2,122,483

METHOD AND MEANS FOR ACIDIZING WELLS

Paul L. Menaul, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.

No Drawing. Application January 11, 1937, Serial No. 120,044
4 Claims. (Cl. 166—21)

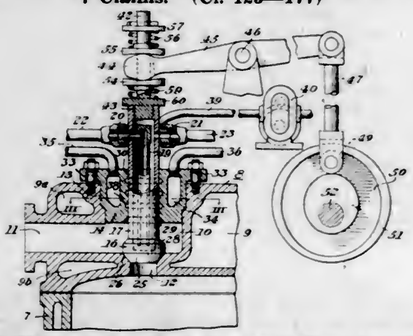
1. The method of acidizing an oil well or the like which includes forming a highly viscous blanketing solution by mixing a small percent of a non-jellifying water soluble gum in an aqueous salt solution, placing the solution so formed in a portion of the well and supplying acid to the well on one side of said blanketing solution.

2,122,484

COOLED VALVE

Frederick F. Murray, Pittsburgh, Pa.

Application March 25, 1935, Serial No. 12,846
7 Claims. (Cl. 123—177)



1. Valve mechanism for controlling the discharge of hot fluid comprising a valve provided with a stem and a face surrounding the stem adapted to engage a valve seat, a guide for the stem having an opening in which the stem is reciprocable, said guide affording a seat engageable by said face when the valve is fully retracted to seal said opening, means for reciprocating the stem, and cushioning means in the connection between the reciprocating means and the stem for cushioning the opening stroke of the valve.

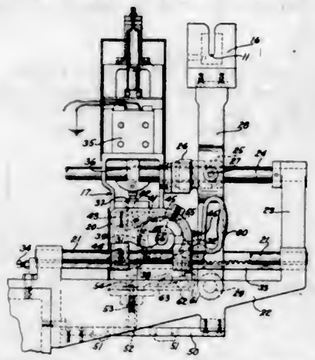
2,122,485

COILING APPARATUS

Oscar G. Nelson, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application March 23, 1934, Serial No. 717,089
Renewed September 17, 1937
16 Claims. (Cl. 242—25)

1. In a coiling apparatus, a rotatable coiling head for coiling material, material guiding means supporting a distributor for distributing a material upon the coiling head, an actuating member, means for imparting movement to said actuating member, means responsive to the movement of said actuating member for moving said distributor from one position to another relative to said coiling head for forming spaced coils of material



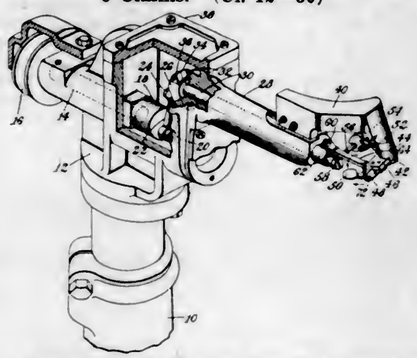
upon said coiling head, another means also responsive to the movement of said actuating member, which for each movement limits the travel of the distributor to a predetermined winding position, and means for locking the material guiding means in each position.

2,122,486

LIP TURNING MACHINE

Carl A. Newhall, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application May 15, 1936, Serial No. 79,955
6 Claims. (Cl. 12—30)



1. A machine of the class described comprising a plow for raising a channel lip formed on a sole, a tool adapted to extend beneath the raised lip, means for imparting to said tool an oscillation about a center which is adjacent to the shoulder of the channel and having a heightwise component relatively to the sole to cause said tool to turn the raised lip away from the base of the channel, and means for setting the lip in open position.

2,122,487

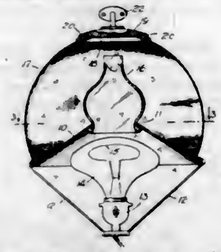
INSECT TRAP

Santos Pastor, New York, N. Y.

Application October 17, 1935, Serial No. 45,378
3 Claims. (Cl. 43—113)

3. An insect trap having a cage of dome-shaped substantially semi-spherical formation, a bottom element of frusto-conical form projecting

into said cage, the latter having its base supported on the larger base of the frusto-conical element, a support for a lamp positioned entirely beneath said case and frusto-conical element, a lamp positioned completely under the lower surface of the frusto-conical element, and a chim-



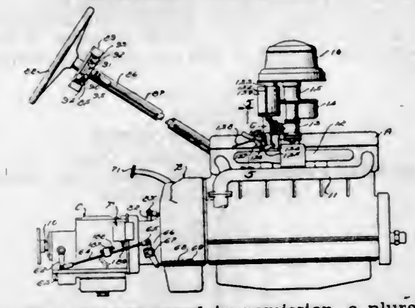
ney positioned directly above the lamp and mounted within a smaller base portion of the frusto-conical element, the axes of the cage, chimney and lamp being in alignment, said frusto-conical element having a lower surface of light-reflecting material.

2,122,488

POWER TRANSMISSION

Herbert F. Patterson, St. Clair Shores, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware

Application March 1, 1934, Serial No. 713,442
Renewed April 23, 1938
51 Claims. (Cl. 74—262)



1. In a change speed transmission, a plurality of transmission speed ratio controlling devices adapted for selective operation to vary the speed ratio drive through the transmission, selector actuating solenoids respectively associated with said controlling devices, selector elements respectively actuated by said selector actuating solenoids into positions for actuating said controlling devices respectively, common actuating means for actuating said controlling devices respectively through said selector elements, manually operated selector means for selectively energizing said selector actuating solenoids, vacuum operated means for releasing said common actuating means, and spring operated means for actuating said common actuating means.

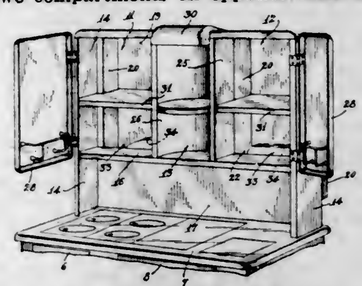
2,122,489

UTILITY CABINET FOR SOLID FUEL COOK STOVES

George E. Pickup, Newark, Ohio, assignor to The Florence-Wehrle Stove Co., Newark, Ohio, a corporation of Ohio

Application September 8, 1936, Serial No. 99,710
3 Claims. (Cl. 312—167)

1. For use with a cook stove having a flat top and a flue pipe extending vertically at the rear of the top, in combination, a cabinet structure adapted to be mounted on the rear edge portion of the top and having a vertical forwardly opening recess disposed to lie forwardly of the flue pipe and two compartments on opposite sides of the



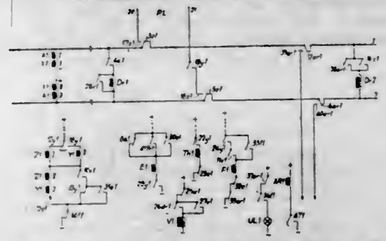
recess, doors closing the forward sides of said compartments, said recess having a rear wall portion adjacent the forward side of said flue pipe, and a liner cooperating with said rear wall and the adjacent sides of said compartments to form a dead air space.

2,122,490

TELEPHONE SYSTEM

Walter Pinell, Falkensee, Germany, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany

Application December 4, 1936, Serial No. 114,102
In Germany December 10, 1935
10 Claims. (Cl. 179—27)



1. In a telephone system, a switching device, a trunk line extending to a public exchange, a branch line associated with said switching device, means operative responsive to the seizure of said switching device by a calling subscriber for seizing said trunk line, means controlled by a manual operation a predetermined number of times by the calling subscriber for controlling said switching device to maintain said trunk line in its seized condition, for disconnecting said trunk line from said switching device, and for seizing said branch line to connect the calling subscriber thereto, and means for again connecting the calling subscriber to the seized trunk line responsive to the same manual operation by the calling subscriber a predetermined number of times prior to the completion of a connection over the seized branch line.

2,122,491

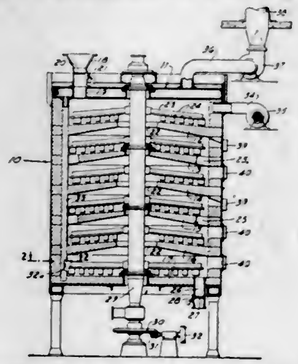
INCINERATION

William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York

Application November 2, 1936, Serial No. 108,715
9 Claims. (Cl. 110—8)

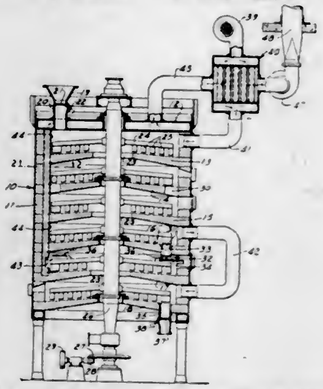
2. The combination with a multiple-hearth furnace having a peripheral wall, a hollow top

with a bottom adapted for heat exchange, a plurality of hearths cooperating with said top to divide the interior of the furnace into compartments and means for supplying outside air to the uppermost compartment, of a plurality of ducts



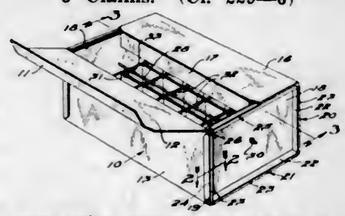
for conducting hot combustion gases from the lower part of the furnace upwardly at the inner surface of said peripheral wall in heat exchanging relation with the interior of the furnace and into said hollow top, and means for discharging the combustion gases from said hollow top.

2,122,492
INCINERATION
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application November 10, 1936, Serial No. 110,033
6 Claims. (Cl. 110—12)



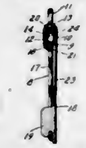
1. The combination with a multiple-hearth furnace comprising a peripheral wall, a hollow top with a lower heat-exchanging wall, a plurality of vertically spaced hearths setting off compartments below said top, outlets for said hearths alternately at the centers and peripheries of successive hearths, a gas seal for one of said hearths to divide the furnace into an upper drying section and a lower burning section, means for supplying preheated air to the upper part of the drying section, and means for passing air and vapors from the lower part of said drying section to the burning section, of means for passing hot gases of combustion from the burning section upwardly to the hollow top along the inner surface of said peripheral wall in heat exchange relationship with the interior of the drying section, and induced draft means drawing said hot gases from said hollow top and into heat exchanging relationship with said air supplied to the upper part of the drying section.

2,122,493
CARTON
Lawrence W. Reaume, Monroe, Mich., assignor to River Raisin Paper Company, Monroe, Mich., a corporation of Michigan
Application October 24, 1936, Serial No. 107,336
3 Claims. (Cl. 229—6)



2. A composite carton comprising a pair of sheet metal end members each having peripheral channels formed at the four sides thereof, said channels opening in a direction perpendicular to the plane of the end member and having their side walls projecting in the opposite direction from said plane, a bottom wall having its ends received in said channels at the lower edge of the respective end members, cardboard side walls having their ends received in the channels at the sides of the end members, a cardboard top member integral with one side member and adapted to swing into contact with the outer sides of said channels at the top of said end members, respectively.

2,122,494
GARMENT SUPPORTER
Louis Sametz, Westport, Conn.
Application February 3, 1938, Serial No. 188,403
9 Claims. (Cl. 24—245)

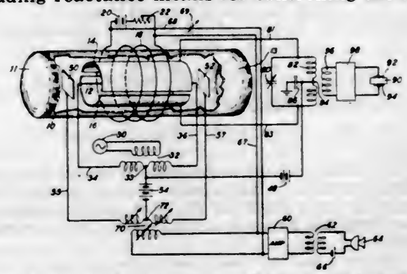


4. A garment supporter comprising a loop member having side arms; an eye member; an element having an inner end hooked to the loop member, an intermediate section looped through the eye member and an outer end overlying the inner end and extending between the side arms; and a tab member extending upwardly in back of the loop and eye members, thence downwardly and completely around the outer end of the element where it is pressed into firm engagement with the inner end of the element.

2,122,495
MAGNETRON OSCILLATOR
Herbert J. Scott, Oakland, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 29, 1935, Serial No. 24,060
14 Claims. (Cl. 179—171)

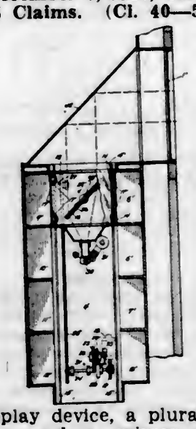
1. Apparatus for generating signal-modulated oscillations including a space discharge device having a cathode, an anode disposed around said cathode and auxiliary electrode plate structure

disposed adjacent the opposite ends of said cathode and anode, magnetic field producing means, a common source of signal currents, and modulating means responsive to said common source for simultaneously influencing said magnetic field and said auxiliary end plate structure and including reactance means for controlling the rela-



tive phase and magnitude of the signal currents supplied to said field producing means with respect to the signal currents supplied to said auxiliary end plate structure from said common source for modulating the amplitude of said oscillations in linear relation with respect to the amplitude of said signal currents whereby distortion in said modulated oscillations is reduced.

2,122,496
WINDOW DISPLAY DEVICE
Luther G. Simjian, Riverside, Conn.
Application December 7, 1937, Serial No. 178,475
15 Claims. (Cl. 40—52)



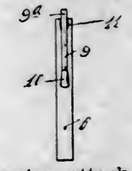
1. In a display device, a plurality of display compartments, and a mirror movable from compartment to compartment for reflecting the contents thereof for purposes of observation.

2,122,497
VENTILATING INSOLE
George E. Smith, Denver, Colo.
Application August 17, 1937, Serial No. 159,479
3 Claims. (Cl. 36—3)



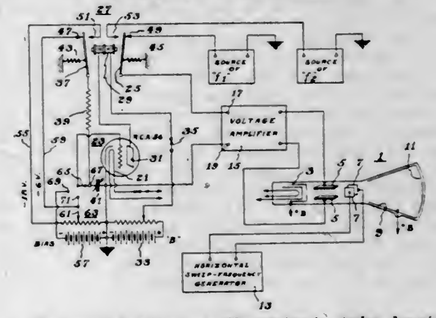
1. A shoe ventilating inner sole and arch support, comprising in combination, a lower member shaped to fit a shoe and terminating near the shank portion thereof, the upper surface of said member having longitudinally extending channels separated by ribs of compressible elastic material, a cover member of air tight material attached to the top of the ribs, the channels opening at the front end of the member, the cover member having holes positioned in the heel portion thereof and communicating with the channels, the holes serving to admit air when the pressure of the foot is removed therefrom, and to be closed by the foot when pressure is applied, whereby the air in the channels will be forced forwardly at each step by the compression of the ribs, and discharged into the shoe at a point adjacent the ball of the foot, and valve means at the front ends of the channels for permitting an outward flow of air and preventing air from entering the channel from the front.

2,122,498
MATCH EQUIPPED CIGARETTE
Ingolf Melvin Stensvad, Redwood Falls, Minn.
Application February 18, 1937, Serial No. 126,388
1 Claim. (Cl. 131—52)



A cigarette having attached thereto, at one end only, the butt end of a match, with said butt end projecting beyond that end of the cigarette and with the ignition head of the match in loose contact with the intermediate portion of said cigarette, said match being directly secured to the cigarette by adhesive means.

2,122,499
SWITCHING DEVICE
Arthur C. Stocker, Haddon Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application September 27, 1934, Serial No. 745,765
10 Claims. (Cl. 171—95)

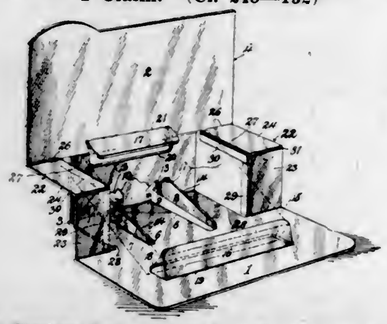


1. In combination, a thermionic tube having a relay winding in its output circuit, a grid circuit for said tube, a source of biasing potential and means whereby relatively slowly fluctuating negative potential, derived from said source, is introduced into said grid circuit to thereby cause the relay to be periodically actuated.

5. In combination with a cathode-ray tube, a relay device having a winding and a movable armature, and means whereby unidirectional current from any appropriate source may be

caused to flow in said winding and to fluctuate at approximately the rate of persistence of vision between a magnitude at which the armature pulls in and a magnitude at which the armature drops out, whereby inductive surges are obviated during the operation of the device, and means for controlling the deflection of the cathode ray in accordance with the movement of said armature.

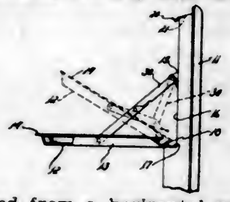
2,122,500
DISPLAY STAND
Frederick A. Sunderhauf, Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y., a corporation of Delaware
Application April 17, 1936, Serial No. 74,980
1 Claim. (Cl. 248—152)



A display device formed unitary from a generally square or rectangular blank by die-scoring and die-cutting and adapted to be shipped flat in a single layer of material and adapted to be readily assembled to support and display an article of merchandise, which includes a rear panel, a base panel hinged to said rear panel so that the two panels may be arranged at right angles, two side brackets which when the display is assembled each has a panel portion parallel and forward of the rear panel and a panel portion parallel and above the base panel and provided with marginal right angular turn-backs at the inside edges thereof, combined locking and supporting flaps of generally triangular shape die-cut and die-scored in part from the rear panel and in part from the base panel adapted to lock the base and rear panels together at right angles and adapted for the support of merchandise in an angulated slanting position, parts of said side brackets having portions which are above the highest portions of said supporting flaps, and hinged lateral flaps die-cut and die-scored in both the rear and base panels adapted to act as stops for merchandise placed upon said locking and supporting flaps, said brackets and said lateral flaps being adapted to center and maintain the merchandise upon the said supporting flaps, all of said flaps and brackets being die-cut and die-scored out of material lying within the original limits of the rear or base panel.

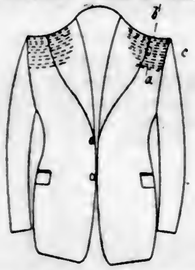
2,122,501
REFRIGERATING APPARATUS
Charles C. Thomas, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Application July 28, 1934, Serial No. 737,319
2 Claims. (Cl. 312—186)

2. The combination in a refrigerator of a door having a recess in the inner face thereof, a removable transfer tray, a shelf having a depression therein for receiving and supporting said tray in substantially confined relation, means for hinging said tray to said door at a horizontal edge of said recess whereby said shelf and tray



may be moved from a horizontal position to a vertical position within said recess, means for supporting said shelf in its horizontal position, and means for holding said shelf in its vertical position.

2,122,502
PADDING FOR GENTLEMEN'S AND LADIES' CLOTHES
Otto Wallner, Starnberg, near Munich, Germany
Application March 19, 1936, Serial No. 69,610
In Germany March 20, 1935
3 Claims. (Cl. 2—268)



1. For incorporation in a garment, or the like, a padding, comprising a plurality of resilient tubular elements disposed in layers to fit the part to be padded, and a means connecting said elements.

2,122,503
SHOE BOTTOM UNIT AND METHOD OF MAKING THE SAME
John M. Whelton, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 21, 1936, Serial No. 81,055
6 Claims. (Cl. 12—146)



1. A shoe bottom unit comprising a lipped insole, a stiff reinforcing member for the heel and shank portions of the insole secured to the unlipped side of the insole, and a narrow shank stiffener of substantially uniform width located throughout a portion of its length between the reinforcing member and the upper side of the insole and being exposed throughout another portion of its length at the lower side of the insole, the shank stiffener and the shank portions of the insole and the reinforcing member being arched longitudinally to correspond to the longitudinal curvature of the shank portion of a last

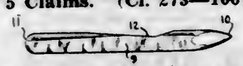
bottom and the shank portions of the insole and the reinforcing piece being also arched transversely.

2,122,504
HEATING APPARATUS
Lee Wilson, Cleveland, Ohio
Application May 2, 1936, Serial No. 77,551
2 Claims. (Cl. 257—262)



1. In a heat exchange apparatus, a tube of substantially uniform diameter and wall thickness adapted to be heated by the passage of fluid therethrough, and thickening bands extending around the tube in spaced relation longitudinally thereof, the spacing between adjacent bands varying along the length of the tube, and the dimension of said bands axially of the tube being several times their dimension radially of the tube.

2,122,505
GAME
Pietro A. Yon, New York, N. Y.
Application June 13, 1936, Serial No. 85,057
5 Claims. (Cl. 273—106)



1. A tip-cat comprising an elongated body having a pointed end entirely within the plane of the body and having a flat bottom and provided with a transverse recessed top.

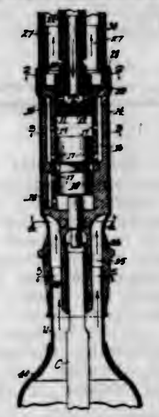
2,122,506
BUCKLE
Paul F. Zetnick, Chicago, Ill., assignor to Parva Products Company, Chicago, Ill., a corporation of Delaware
Application August 10, 1936, Serial No. 95,049
5 Claims. (Cl. 24—194)



2. A slide buckle comprising a pair of slidably engaged frames, one of said frames having side bars and cross bars connecting said side bars, ears on said side bars extending inwardly toward each other, one of said cross bars presenting a strap-engaging face inclined relative to the plane of said frame, and the other of said frames comprising portions connected in a face-to-face spaced relation, the opposed edges of said portions overlying said ears to be guided in a longitudinal movement thereby, one end of one of said connected portions having a strap-receiving slot and one end of the other of said portions being inclined in the direction of the inclined cross bar of the other frame for co-operation therewith to clamp a strap threaded therebetween and through said strap-receiving slot in adjusted positions.

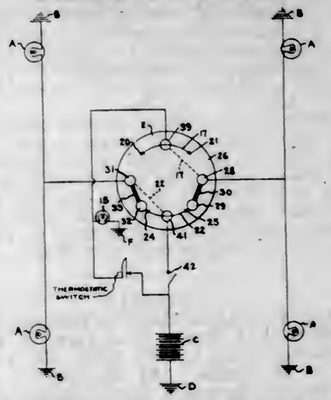
2,122,507
PNEUMATIC TOOL
Eldon W. Ball, Barre, Vt., assignor to Rock of Ages Corporation, Barre, Vt., a corporation of Vermont
Application March 15, 1937, Serial No. 130,969
1 Claim. (Cl. 255—50)

A portable pneumatic hammer of the type adapted for surface finishing and carving operations on blocks of stone characterized by the provision of a cylindrical body for said hammer having a plurality of spaced longitudinally extending external ribs, a casing surrounding said cylinder and held in concentric spaced relation therewith by said ribs, thereby providing a plurality of longitudinally extending segmental suction passages, direct exhaust connections within said casing from said cylinder to said suction passages, a pressure tube connected to supply air to



said cylinder, a suction tube concentric with and surrounding said pressure tube and connected with said suction passages, and a suction head secured to and concentric with the lower end of said casing and surrounding the hammer adjacent the work, said suction head being in direct communication with said suction passages and being thereby rendered effective to collect and remove dust from the stone surface being finished or carved by use of said hammer.

2,122,508
SIGNALING DEVICE
Joseph Bell, Cincinnati, Ohio
Application July 26, 1933, Serial No. 682,304
3 Claims. (Cl. 177—337)



1. In a signaling system, a current source, a pair of signal lights, a normally open brake-operated switch, a second switch having a neutral position and two selectively settable positions, means responsive to the closing of said first mentioned switch when said second switch is in neutral position to constantly energize both lights,

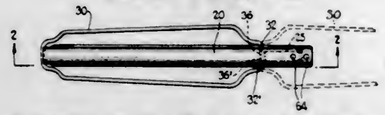
and further means, including a current interrupter, responsive to the closing of said first mentioned switch when said second switch is in either settable position to constantly energize one of said lights and intermittently energize the other light.

2,122,509

HAIR WAVING OR CURLING DEVICE

Stephen B. Beliaeff, Malverne, N. Y.

Application August 22, 1935, Serial No. 37,323
9 Claims. (Cl. 132—41)



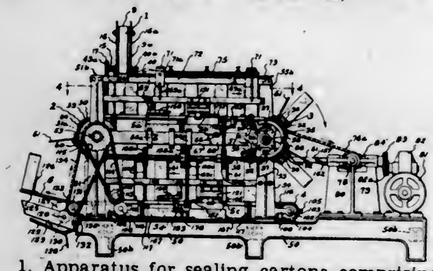
1. A device of the character described, comprising a tubular member adapted to have hair rolled thereon, a second member cooperating with said tubular member, and clamping means for holding the roll of hair in place, said last named means comprising a wire member having deformed ends, adapted to pass through mating means cut through the walls of both of said members for pivotally mounting said second member on said tubular member, said deformed ends being withdrawable through said mating means only upon aligning said deformed ends with said mating means, to disassemble said device.

2,122,510

APPARATUS FOR MAKING SEALED PACKAGES

Samuel Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and Robert Morris Bergstein, as trustees

Application October 8, 1935, Serial No. 44,082
12 Claims. (Cl. 91—51)



1. Apparatus for sealing cartons comprising a sealing fluid liquid supply holder, a disc rotating in said holder to carry fluid on its periphery out of said holder, and a conveyor movable in a plane parallel with the axis of said disc for carrying cartons past said disc with their lower corners sufficiently close to said periphery to receive a portion of the sealing fluid therefrom.

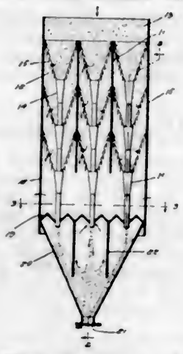
2,122,511

DUST COLLECTING APPARATUS

Hudson H. Bubar, New York, N. Y.

Application June 8, 1937, Serial No. 147,073
10 Claims. (Cl. 183—105)

4. A housing having a dust receiving chamber and a plurality of deflector units, said deflector units being spaced from the top of said housing to provide an inlet chamber communicating with an inlet in the top of said housing and said deflector units being spaced from said dust receiving chamber to provide an outlet chamber communicating with an outlet in the side of said housing, said deflector units being arranged in series and each comprising a spaced series of deflector elements arranged in V-shape and collector funnel means at the apex of each deflector unit, the last collector funnel means extending



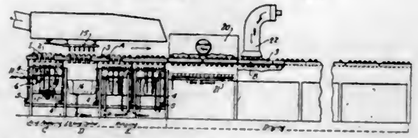
through said outlet chamber and into said dust receiving chamber, said dust receiving chamber having a vent communicating with said outlet chamber to permit gas entering through said funnel means to return to said outlet chamber.

2,122,512

METHOD OF MAKING INSIDE FROSTED ELECTRIC LAMP BULBS

Lyle E. Calkins and Ormonde S. Levi, Toledo, Ohio, assignors to Save Electric Corporation, Toledo, Ohio, a corporation of Ohio

Application July 29, 1936, Serial No. 93,246
2 Claims. (Cl. 41—42)



2. The method of inside frosting thin hollow glassware such as lamp bulbs, which consists in injecting three successive shots of a glass etching fluid, each for approximately two seconds, against the interior of the ware in a position to flow down over all of the surface to be etched, said solution containing the following ingredients in approximately the proportions named,

Ammonium acid fluoride	33 lbs. 3 oz.
60% Hydrofluoric acid	10 liters
Sodium acid sulphate	11 lbs. 1 oz.
Sodium fluoride	11 lbs. 1 oz.
Molasses	12 liters
Water	6 liters

flowing water at approximately 63° C. over the exterior of the surface for approximately the same length of time that the etching fluid is flowing over the interior of the surface and thereafter washing out the interior of the surface with fluid under a higher pressure than that at which the etching fluid is impinged upon the interior of the ware.

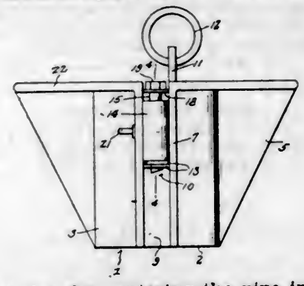
2,122,513

WELL RIG ELEVATOR

Julian Buford Conner, Corpus Christi, Tex.

Application November 9, 1936, Serial No. 110,006
4 Claims. (Cl. 294—90)

1. An elevator of the class described comprising a ring including a pair of complemental half sections hingedly connected at one end, means for releasably securing the rings together in closed position around a pipe, tapered guides projecting



from the ring for centering the pipe in the well casing of a well, and a rim connecting the upper portions of the guides in spaced relation to the ring sections, said rim constituting a hand grip.

2,122,514

AIR FILTERING MATERIAL

Ernest C. Crocker, Belmont, and Howard J. Billings, Acton, Mass., assignors to Arthur D. Little, Inc., a corporation of Massachusetts

No Drawing. Application April 10, 1934, Serial No. 719,894
12 Claims. (Cl. 183—45)

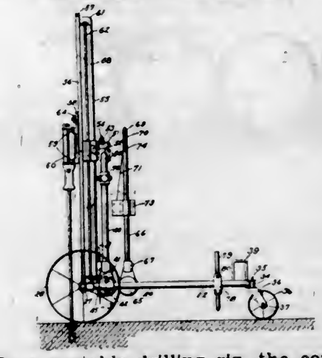
11. A gas filtering material comprising a porous fibrous base, and a coating thereon of tricresyl phosphate.

2,122,515

DRILLING APPARATUS

John C. Curtis, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

Application September 26, 1934, Serial No. 745,616
Renewed October 23, 1937
23 Claims. (Cl. 255—51)



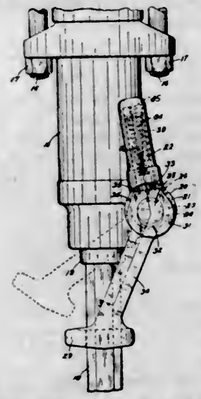
2. In a portable drilling rig, the combination of a carrying frame, bearings carried by said frame capable of longitudinal slidable movement relative thereto, a substantially U-shaped tool supporting frame having the free end portion of the side arms thereof pivotally and slidably connected by said bearings to said carrying frame, a rock drilling mechanism supported by the cross arm of said supporting frame, and means forming a part of said bearings for holding said tool supporting frame in adjusted positions, said supporting frame due to the pivotal and slidable connections with said carrying frame being adjustable to position said drilling mechanism in different heights with respect to said carrying frame within a plane perpendicular to the latter.

2,122,516

DRILL STEEL RETAINER

John C. Curtis and Albert Feucht, Garfield Heights, Ohio, assignors to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

Application August 16, 1935, Serial No. 36,540
6 Claims. (Cl. 279—19.1)



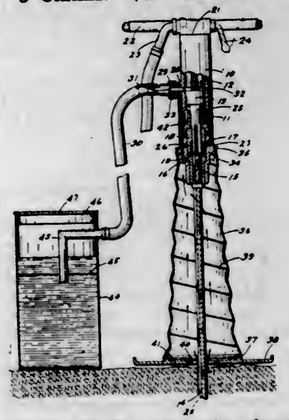
1. A steel retainer for a rock drill comprising in combination with a front housing and a drill steel, a boss on one side of said housing having an aperture therethrough, a yoke for retaining the drill steel in said front housing, side arms extending upwardly from said yoke, a removable shaft extending through said aperture and engaging said side arms to serve as a pivot for the yoke, means integral with said shaft engageable with said side arms for preventing the accidental removal of said shaft from said housing, and means carried by said housing exerting pressure on said side arms for maintaining the same in interlocking engagement with the means on said shaft.

2,122,517

DUST ELIMINATOR

John C. Curtis, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

Application January 2, 1937, Serial No. 118,895
3 Claims. (Cl. 255—50)



1. In a device of the character described, the combination of a rock drill having a drill steel

extending therefrom and an exhaust port having pressure fluid flowing therethrough, a casing carried by the rock drill and engageable with the work in surrounding relation with the drill steel, and means for creating suction within said casing due to the flow of the pressure fluid through said exhaust port including a passageway within said rock drill having one end opening into said casing and the other end opening near the outlet end of said exhaust port.

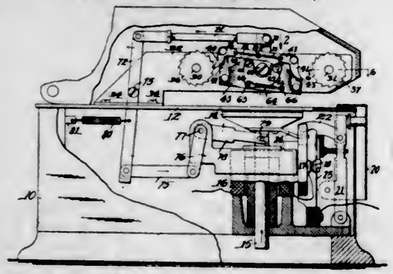
2,122,518

RIBBON FEED MECHANISM

Henry N. Deane and James A. Dell, Gardner, Mass., assignors to Simplex Time Recorder Co., Gardner, Mass., a corporation of Massachusetts

Application January 2, 1937, Serial No. 118,912

3 Claims. (Cl. 101—336)



1. In a machine for making records in which the ends of an ink ribbon are secured to a pair of ribbon spools, a ribbon mechanism comprising a pair of shafts on which said spools are mounted, oppositely disposed ratchet wheels mounted on said shafts, a frame member in which said shafts are rotatably mounted, a rocking plate pivotally mounted between said shafts, means to rock said plate each time a record is made, a feed pawl for each ratchet wheel, links pivoted to said rocking plate and pivotally supporting said pawls, a third link connecting the free ends of said first-named links, and a member engaging said third link and holding said link yieldingly in one or the other of two positions, in each of which one or the other of said feed pawls is placed in operative relation to its associated ratchet wheel.

2,122,519

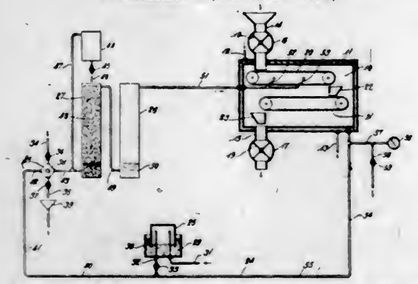
MANUFACTURE OF ARTIFICIAL SILK

Teunis Dokkum, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C., a corporation of Delaware

Application August 31, 1936, Serial No. 98,769

In the Netherlands October 2, 1935

7 Claims. (Cl. 260—100)



1. A process for manufacturing cellulose xanthate suitable for the production of viscose solutions which comprises continuously feeding particles of alkali cellulose through a confined reaction zone, completely reacting; the particles during their confined passage with carbon bisulfide in the form of vapor and continuously removing the resulting reaction product.

2,122,520

FACE PROTECTOR

Jane E. Garing, Decatur, Ga.

Application June 17, 1937, Serial No. 148,791

3 Claims. (Cl. 34—26)



2. A face protector for hair drying hoods wherein a forehead engageable flange is provided; a liner for the forehead engaging side of the flange, said liner being provided with a backwardly disposed oblique flange at its upper edge portion for engagement over the upper edge of the first mentioned flange, and an outwardly disposed flange at its lower edge for engagement against the bottom side of the protector.

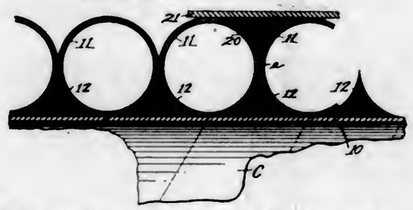
2,122,521

COOLING JACKET CONSTRUCTION

Robert H. Goddard, Roswell, N. Mex.

Application March 10, 1937, Serial No. 130,144

10 Claims. (Cl. 122—367)



3. In combustion apparatus wherein high temperatures are developed within a chamber having a thin sheet metal wall, that improvement which consists in providing for said wall a cooling jacket construction comprising circular fluid-conducting tubes directly engaging said wall, and separate heat-conducting metal filling strips engaging said wall and disposed between adjacent tubes and in close contact therewith, said strips having a substantially triangular cross section closely filling the spaces between said tubes and said wall and being formed of an inner wall-engaging portion of copper and a superposed outer portion of aluminum.

2,122,522

ELECTRICAL HEATING DEVICE

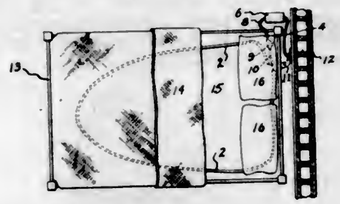
James G. Hughes, Cincinnati, Ohio

Application December 24, 1934, Serial No. 758,978

3 Claims. (Cl. 219—46)

3. In an electric bed warming device a resistance wire heating element covered by a flat

casing, said element being formed in a loop of



sufficient length to encircle lengthwise a reclining human body.

2,122,523

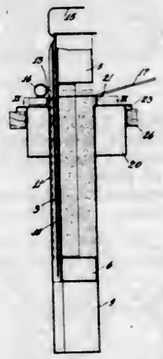
DEVICE FOR SEVERING MEASURED PORTIONS FROM A BAR OF ICE CREAM

Bernardus Hulskamp, Alkmaar, Netherlands

Application April 24, 1936, Serial No. 76,290

In the Netherlands April 25, 1935

2 Claims. (Cl. 107—21)



1. A device for dispensing measured slices from a bar of ice cream and similar frozen dainties, comprising a vertical elongated receptacle, a platform vertically reciprocable within said receptacle, a vertical wall having a width that substantially corresponds to one-half the cross sectional periphery of said receptacle, the lower end of said wall being fixed to the said platform and the upper end being provided with a cover for the receptacle.

2,122,524

DUST PREVENTATIVE AND METHOD OF LAYING DUST

Benjamin F. Hunter, Pittsburgh, Pa., assignor to Gulf Research & Development Company, a corporation of Delaware

No Drawing. Application November 1, 1935, Serial No. 47,903

2 Claims. (Cl. 134—1)

1. A manufactured material comprising a liquid spraying agent for use in laying dust on open play grounds and like areas exposed to the weather, said liquid being a substantially colorless and odorless asphalt- and tar-free refined petroleum oil distillate of 22 to 31 degrees A. P. I. gravity of low viscosity and low volatility and having added thereto and dispersed therein a small quantity of hydrous degras sufficient to inhibit emulsification and loss of the oil in rain water.

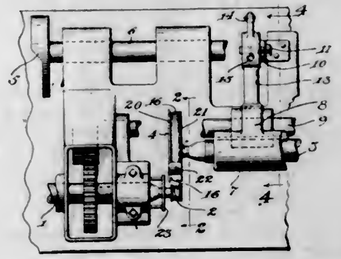
2,122,525

APPARATUS FOR MANUFACTURING METAL CLOSURES

Bert J. Huntsman, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia

Application May 20, 1936, Serial No. 80,855

3 Claims. (Cl. 153—7)



2. A machine for threading and beading metal caps, including male and female chucks rotatable in opposite directions, both of said chucks having stationary axes, threading and curling means carried by the chucks, the female chuck having a peripheral cut-away portion, and means for moving the male chuck lengthwise to eject a cap.

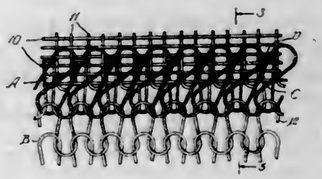
2,122,526

CONNECTION BETWEEN TWO EDGES OF TEXTILE MATERIAL

Emil D. Kattermann, Dover, N. J., assignor to Swiss Knitting Company, Dover, N. J., a corporation of New Jersey

Application December 8, 1937, Serial No. 178,674

7 Claims. (Cl. 2—275)



1. A fabric article comprising a body piece of elastic textile fabric having an elastic warp and an elastic piece of textile fabric having a marginal series of loops, the edges of said pieces being connected in abutting relation by loop stitches engaging the edge loops of said elastic piece and embracing a plurality of the elastic warp threads of the body piece.

2,122,527

RECOVERY OF PRECIOUS METALS FROM SOLUTIONS

Otto Lebrecht Kröhl, St. Albans, District Port Elizabeth, Cape Province, Union of South Africa, assignor to Tube Gold Extractors (Proprietary) Limited, Johannesburg, Union of South Africa, a company of the Union of South Africa

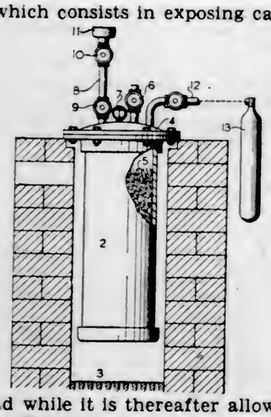
Application October 22, 1936, Serial No. 107,108

In the Union of South Africa June 2, 1936

4 Claims. (Cl. 75—108)

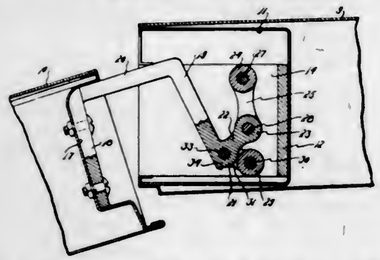
1. The process of activating carbon whereby its activity as a precious metal precipitant is in-

creased, which consists in exposing carbon when



heated and while it is thereafter allowed to cool to mercury vapour.

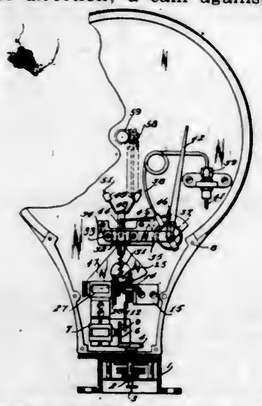
2,122,528
HINGE
John Ludwig, Detroit, Mich.
Application August 19, 1936, Serial No. 96,839
7 Claims. (Cl. 16—164)



7. A hinge comprising a substantially U-shaped portion; an angularly turned portion on one of the legs thereof, there being a passage formed through said leg at the juncture of said angularly turned portion to provide a knuckle; a supporting body; a pair of links swingably mounted at one of their ends on said supporting body, one of said links being longer than the other, there being a knuckle formed in the end of said angularly turned portion; a pintle projecting through the knuckle at the end of said angularly turned portion and through the free end of the longer of said links; and a pintle projecting through the knuckle formed at the said juncture and through the free end of the shorter of said links.

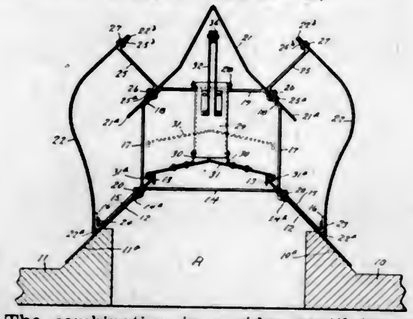
2,122,529
PRESSURE COMPENSATING GAS METER
Allen D. MacLean and Fritz Niesemann, Pittsburgh, Pa., assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application June 21, 1930, Serial No. 462,843
10 Claims. (Cl. 73—233)

1. In a volumetric gas meter, an index; means for driving said index in accordance with the volume flow of gas through said meter so that said index will register the volume of gas reduced to a predetermined base pressure comprising a rotating shaft, an oscillatory lever, and a one way ratchet mechanism operatively connecting said lever and said index; means comprising a reciprocating member driven by said rotating shaft; a second member adjustable with respect to said first member, said second member having an arm positioned to engage said lever for moving said lever in one direction in response to each increment of volume of gas passed through the meter whereby movement of said lever by the meter is adjustable; means biasing said lever in reverse direction; a cam against which said



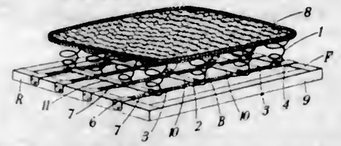
biasing means tends to move said lever; and means to adjust said cam in accordance with the static gas pressure whereby the operable throw of said lever is varied in accordance with the pressure.

2,122,530
RIDGE VENTILATOR
James H. McDerment, Cleveland, Ohio, assignor to The Swartwout Company, Cleveland, Ohio, a corporation of Ohio
Application September 22, 1936, Serial No. 102,000
1 Claim. (Cl. 98—42)



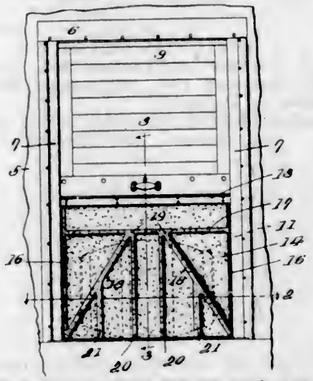
The combination in a ridge ventilator, of a pair of upwardly converging flashing plates extending along opposite sides of a roof opening and secured thereto, longitudinally spaced transverse frames having downwardly and outwardly divergent lower ends secured to the said plates and having their lowermost ends upturned to provide stakes, each of said frames having opposed portions extending upwardly from the inclined portions and having portions extending upwardly and inwardly from the upper ends of the last mentioned portions, straps secured to the said upwardly and inwardly inclined portions of said transverse frames, side baffles extending upwardly from the flashing plates and each of said baffles having above its lower edge a loop projecting inwardly therefrom and each having its upper end detachably secured to said straps, the loops being formed by pressing inwardly portions of the said baffles adjacent to the bottom edges thereof and the stakes entering said loops, the said baffles being provided with drain openings located below the said loops.

2,122,531
SPRING ASSEMBLY FOR SEATING AND THE LIKE
Sidney William Millward, Long Eaton, near Nottingham, England, assignor to Elson & Robbins Limited, Long Eaton, near Nottingham, England
Application December 11, 1936, Serial No. 115,425
In Great Britain January 2, 1936
1 Claim. (Cl. 155—179)



A spring assembly including in combination a rigid framework having two substantially parallel sides, a plurality of parallel chains extending across said framework from one of said parallel sides to the other, said chains comprising alternate extensible and substantially non-extensible link members, means for anchoring said chains at one end thereof to one of said parallel sides and at the other end thereof to the other of said sides whereby the links are maintained under tension, flexible slats connecting certain of the non-extensible link members of the chains, a plurality of helicoidal compression springs each connected at its lower end to a non-extensible link member individual thereto, a plurality of helicoidal compression springs each connected at their lower ends to the anchoring means at one end and means uniting all of the compression springs at their upper ends.

2,122,532
FLEXIBLE CURTAIN FOR DOORWAYS
Douglas K. Mims, David Charles Elwyn Leonard and John Vincent Jamison, Jr., Hagerstown, Md., assignors to Jamison Cold Storage Door Co., Hagerstown, Md., a corporation of Maryland
Application September 10, 1936, Serial No. 100,186
5 Claims. (Cl. 156—10)



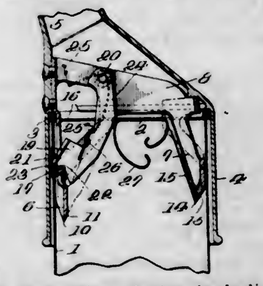
4. A flexible curtain adapted to be suspended in a doorway for closing the same and movable through contact of a package therewith to permit the package to pass through the doorway, said curtain being relatively thin and of rubber-like material and having a transverse rib spaced from the upper portion thereof, the curtain above said transverse rib and between the side edges of the curtain being of substantially uniform thickness, said curtain having ribs extending from the lower side edges thereof diagonally upward and terminating in said transverse rib, said curtain having also spaced ribs extending from the lower edge thereof upwardly and terminating in the diagonal ribs and transverse rib, said ribs operating to take the wear incident to the contact of the package with the curtain as it passes through the doorway and also serving to return and maintain the curtain in the plane of the doorway when released.

2,122,533
SPRAY GUN CONTAINER HOLDER
Harold U. Mitchell, Medford, Oreg.
Application December 5, 1936, Serial No. 114,305
2 Claims. (Cl. 220—57)



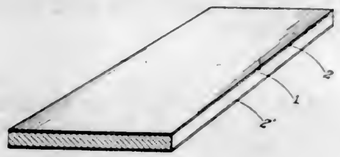
1. A means for clamping a spray gun base to a container for which the base serves as a cover, said means including a bracket to be secured to the base, a T-shaped frame slidable horizontally in the bracket, a clamping bar movable in the frame in a direction at right angles to the base, the terminals of the bar being formed to engage cooperating means on the container, an operating bar rotatable in the frame, a crank on one end of the bar to engage and move the clamping bar in a direction to cause its terminals to engage the cooperating means on the container, and a spring for moving the clamping bar to an inoperative position when free of the influence of the crank.

2,122,534
DEVICE FOR DISPENSING LUBRICATING OIL
William Nickels and Charles J. Aulbach, Syracuse, N. Y., assignors to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application August 6, 1934, Serial No. 738,744
4 Claims. (Cl. 221—23)



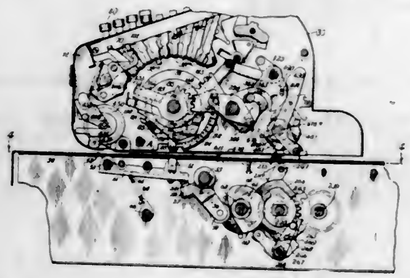
1. An oil dispensing device including a body portion adapted to receive the end of a sealed container from which oil is to be dispensed, a pouring spout attached to said body portion, a cutter located within said body portion for forming a dispensing opening in the end of said container when the dispensing device is applied to the container, and a cutting member carried by the dispensing device and movable into the opening formed in the end of said container and operated by contact with said end for forming an opening in the side wall of the container when the dispensing device is applied thereto.

2,122,535
DUPLEX METAL ARTICLE
Joseph A. Nock, Jr., Tarentum, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 12, 1937, Serial No. 120,277
6 Claims. (Cl. 148—31)



1. A duplex metal article consisting of a core of an aluminum base alloy composed of from 3 to 5.5 per cent copper, 0.25 to 2 per cent silicon, 0.1 to 1.5 per cent manganese, 0.1 to 1 per cent magnesium and the balance aluminum, said core being provided with an aluminum base alloy coating composed of 0.05 to 0.5 per cent chromium, and 0.05 to 0.5 per cent cadmium, the balance being aluminum.

2,122,536
DRIVING MECHANISM FOR PRINTING APPARATUS AND THE LIKE
Walter B. Payne, Rochester, N. Y., assignor to The Todd Company, Inc., Rochester, N. Y., a corporation of New York
Application January 22, 1937, Serial No. 121,848
10 Claims. (Cl. 101—95)



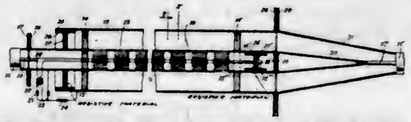
1. In a machine of the class described, the combination of independent driven mechanisms, a power means, and a separate clutch mechanism for each of the driven mechanisms to connect said driven mechanisms with the power means, said clutching mechanisms each including a notched driving element and a rotatable member supporting a clutch dog and a clutch control stop arm, said stop arms being operatively connected with said clutch dogs, resilient means tending to cause engagement of the clutch dogs with said driving elements, control latches normally holding each of the stop arms to prevent such engagement, manual means for displacing one of said control latches from engagement with one of the stop arms for effecting the connection of one of said clutch mechanisms with the power means, and means controlled solely by said clutch mechanism connected with said power means for displacing another of said control latches from engagement with its stop arm to permit its associated clutch dog to engage its notched driving element for effecting the connection of the other of said clutch mechanisms with the power means.

2,122,537
METHOD OF PRODUCING COATED SHEET METAL ARTICLES
Edward C. Pfeffer, Jr., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application October 12, 1935, Serial No. 44,792
2 Claims. (Cl. 113—121)



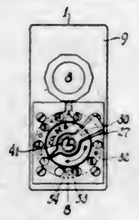
1. The method of producing a drawn sheet metal article consisting in coating the sheet from which the article is to be drawn with a base coating of a relatively soft thermoplastic enamel, heat treating the sheet to drive off the solvent and harden the enamel, then again coating the hard coated surface of the sheet with a top coating of relatively hard thermoplastic enamel, heat treating and cooling to harden said top coating, cutting the sheets into blanks and die-drawing the blanks to shape the articles.

2,122,538
WAVE AMPLIFIER
Ralph K. Potter, Madison, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application January 22, 1935, Serial No. 2,968
20 Claims. (Cl. 179—171)



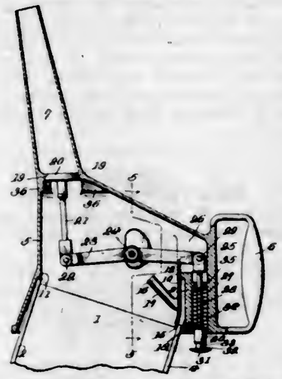
16. The method of amplification of a wave train which consists in cumulatively amplifying the energy of the wave train at successive points distributed continuously along a conductive path in an evacuated space extending in the direction of propagation over a distance of as much as one wave length.

2,122,539
INDICATING DEVICE
Clyde F. Robbins, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application October 28, 1935, Serial No. 47,017
13 Claims. (Cl. 200—83)



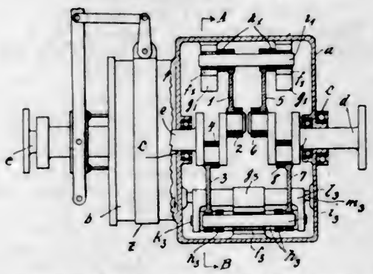
1. In an indicating device, the combination with a dial having a plurality of sets of characters arranged thereon, of a rotatable pointer for selectively registering with the respective individual characters comprising each of said sets, means to provide for rendering said sets of characters visible individually, and means operable upon given movements of said pointer to definitely control the sequence in which said sets of characters are rendered visible.

2,122,540
DEVICE FOR DISPENSING LUBRICATING OIL
Matthew M. Sedwick, Syracuse, and Frank J. O'Brien, Pelham Manor, N. Y., assignors to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application March 30, 1934, Serial No. 718,303
6 Claims. (Cl. 221—23)



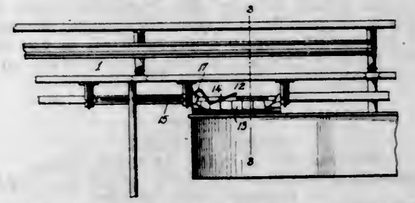
1. An oil dispensing device comprising a body portion open at one side thereof and having a spout extending from the opposite side of said body portion, means for supporting a container in said body portion with its longitudinal axis extending across said body portion and so that a plane containing the outer edges of the body portion passes substantially through the center of the container, and a cutter located in said body portion and having a piercing point disposed relative to the support for the container so as to pierce the side wall of the container body adjacent the end seam.

2,122,541
REVERSING GEAR
Otto Solterbeck, Neuendorf, near Elmshorn, and Julius Kreisinger, Hamburg, Germany
Application September 8, 1936, Serial No. 99,866
In Germany August 17, 1936
1 Claim. (Cl. 74—68)



A reversing gear, especially for ships' drives, comprising in combination a case, two crank shafts coaxial in said case, crank pins on said shafts, connecting rods each connected at one end with the crank pins of said crank shafts, sliding blocks one connected to the other end of each of said connecting rods, radial rectilinear guide tracks in said case each adapted to guide one of said sliding blocks, and rocking arms indirectly mounted on said case at one end and each linked at its other end with one of said rods.

2,122,542
CONVEYER BELT FOR FRUIT SIZING MACHINES
Fred Stebler, Riverside, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application November 5, 1935, Serial No. 48,392
5 Claims. (Cl. 198—187)



1. Conveying means for a fruit sizer or the like, comprising an endless flexible belt, a series of short width flaps hingedly secured along an edge thereof to provide a flexible fruit support along a side of said conveying means which will readily move to a fruit discharging position under its own weight, and guide means for supporting said belt and said flaps and for controlling the angular position of said flaps relative to said belt, said guide means including a continuous surface for supporting said flaps to maintain raised positions thereof for fruit conveying operation and to allow movement of said flaps to a lowered position thereof for fruit discharging operation, the relation between the length of the discharge controlling portion of said surface and the width of said flaps being such that only a small number of flaps can be in lowered position on said discharge controlling portion.

2,122,543
CONTAINER COATINGS
William J. Tomsicek, St. Paul, Minn., Lloyd L. Dodge, Rhinelander, Wis., and Jose B. Calva, St. Paul, Minn., assignors, by direct and mesne assignments, to Dodge Chemical and Manufacturing Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application August 15, 1934, Serial No. 739,925
3 Claims. (Cl. 91—68)

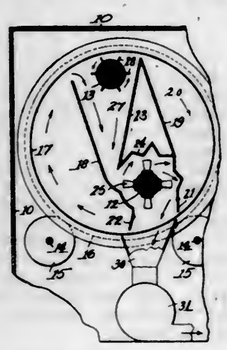
1. In combination with a base, a coating comprising substantially ester gum 65%, Japan wax 11%, and petrolatum 24%.

2,122,544
PROCESS FOR THE RECOVERY OF SULPHUR DIOXIDE
Conway, Baron von Girsewald, Hans Weidmann, and Gerhard Roesner, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y., a corporation of New York
No Drawing. Application April 14, 1934, Serial No. 720,654. In Germany May 6, 1933
4 Claims. (Cl. 23—178)

1. Process for the production of concentrated sulphur dioxide involving the steps of scrubbing a gas mixture containing SO_2 with a fluid mixture containing water and an organic base that is not soluble in considerable degree in water, expelling SO_2 from the fluid by heating and reiterating the process with the remaining fluid mixture, the improvement which consists in periodically discarding at least a part of the aqueous phase of the used fluid mixture and adding to said fluid mixture at least before discarding

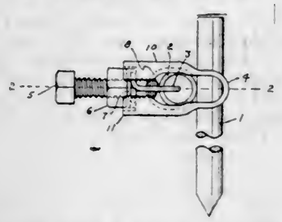
some of the aqueous phase for lowering the loss of organic base therein an inorganic substance selected from the group consisting of oxides, hydroxides, carbonates, bicarbonates, sulphites and bisulphites of the alkali metals, ammonium and magnesium, the said substance being added in an amount which is a substantial excess over the equivalent of the sulphate content of the aqueous phase of the fluid mixture after expulsion of sulphur dioxide therefrom by heating but insufficient to react with all of the sulphur dioxide present in the fluid mixture prior to heating.

2,122,545
WOOL DUSTER
Winfred W. Windle, Millbury, Mass.
Application January 25, 1937, Serial No. 122,165
7 Claims. (Cl. 19—90)



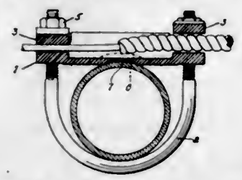
1. In a dusting machine for loose fibre, the combination of a rotary screen cage for receiving the fibre at one end and discharging it at the other, a stationary hopper at the top of the cage for receiving the fibre carried up into its top by the rotation of the cage, an enclosure opening out of the bottom of the hopper for receiving the contents thereof, a rotary beater in said enclosure for breaking up the clods, and an outlet at the bottom of said enclosure for depositing the fibre on the bottom of the cage and discharging the dust through the meshes of the cage.

2,122,546
GROUND ROD FITTING
Stephen W. Borden, Summit, N. J.
Application November 2, 1936, Serial No. 108,814
5 Claims. (Cl. 247—1)



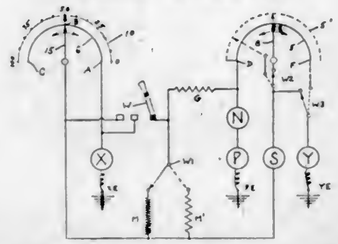
1. A ground fitting which includes a metal body having an aperture for the reception of an electrical conduit and two apertures for the reception of a ground rod, each of the rod apertures being in part common with the aperture for the conduit and being positioned at right angles to each other, a threaded aperture in the body containing a bolt the longitudinal axis being substantially at right angles to the longitudinal axis of the conduit and the center lines of the conduit and one of the rod apertures being substantially in the same plane, the center lines of the rod apertures substantially intersecting on the center line of the bolt; a pocket in the body and surrounding the bolt hole for the reception of the conductor and a nut on the bolt for clamping the conductor against the body; a projecting flange at the end of the aperture for the conduit, formed to restrict the size of the conduit opening to a size smaller than that of the conduit and a channel in the body extending from the conduit opening to the conductor pocket, the channel being at least as deep as the diameter of the conductor.

2,122,547
ELECTRODE FITTING
Stephen W. Borden, Summit, N. J.
Application November 2, 1936, Serial No. 108,817
9 Claims. (Cl. 247—1)



1. A fitting for connecting an electrical conductor and its protective covering to a ground pipe which includes a pair of threaded U bolts spanning the pipe and spaced apart in parallel formation, a yoke for the U bolts the yoke having a pair of apertures in each end through which the legs of the U bolts pass, a pair of clamping plates each plate having two apertures alined with the apertures in one end of the yoke and through each of which one leg of each of the U bolts passes; and a nut on each leg of each bolt and on the outside of the clamping plates for drawing the yoke against the pipe and each plate toward the yoke, for clamping to the yoke, by each plate selectively, a conductor or a conductor's protective covering selectively.

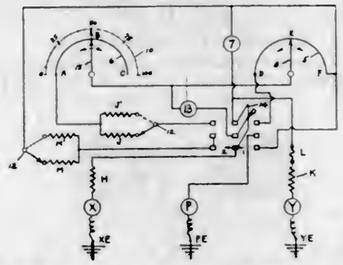
2,122,548
GROUND TESTING METER
Stephen W. Borden, Summit, N. J.
Application November 2, 1936, Serial No. 108,818
5 Claims. (Cl. 175—183)



1. In a meter for measuring the resistance of an electrode as XE, the combination with the electrode XE of a second electrode YE, a third electrode PE, a source of current, a null indicator, a variable resistance DEF divisible into two parts DE and EF, a part AB of an adjustable resistance ABC, a fixed resistance G, a fixed resistance M, electrical conductors and switching mechanism

operable to connect the before-mentioned members, except EF, in such manner as to form a Wheatstone bridge containing four arms connected in closed series, the first arm containing resistance DE, the second arm containing electrode YE, the third arm containing electrode XE, and the fourth arm containing electrode G; with the source of current connected between two diagonals of the bridge and the null indicator connected between the other two diagonals; and also operable to connect the parts in such manner as to form a Wheatstone bridge containing four arms connected in closed series, the first arm containing the resistances M and G in series, the second arm containing resistance DE, the third arm containng electrode YE, and the fourth arm containing electrode XE and resistance AB in series; with the source of current connected between two diagonals of the bridge and the null indicator connected between the other two diagonals.

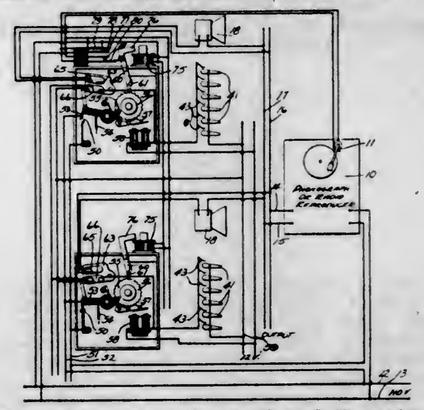
2,122,549
EARTH ELECTRODE METER
Stephen W. Borden, Summit, N. J.
Application November 2, 1936, Serial No. 108,819
7 Claims. (Cl. 175—183)



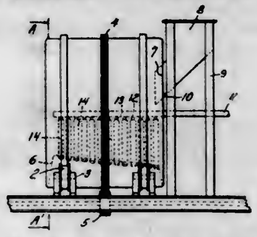
1. A bridge for measuring the resistance of an earth electrode which includes four bridge arms as A, B, C and D; A containing a rheostat having a movable contact and a fixed resistance in series; B containing a rheostat, having a movable contact; C containing a known resistance and D containing two binding posts and a fixed resistance; a source of electric potential connected between the junction of arms A and D and the junction of arms B and C and a null detector connected between the junction of arms A and B and the junction of arms C and D; a graduated scale associated with the rheostat in the arm A and a double-throw switch so connected that when thrown in one direction the connections of the bridge are as stated above and when thrown in the other direction the rheostat of arm B will have its two ends connected to the two binding posts, for connection to earth electrodes, each via a fixed resistance, the source of electrical potential will be connected to the two ends of the rheostat and the null detector will be connected between the movable contact of the rheostat and a third binding post for connection to a reference electrode.

2,122,550
COIN CONTROLLED SOUND REPRODUCING SYSTEM
Sylvester F. Adrian, Fond du Lac, Wis.
Application June 13, 1932, Serial No. 616,804
19 Claims. (Cl. 194—9)

3. In a reproducing system, the combination with a reproducer, of a coin sorting device having channels to receive the sorted coins, and means in the path of a coin traversing each such channel for energizing the reproducer for varying periods corresponding to the relative value of the coin.

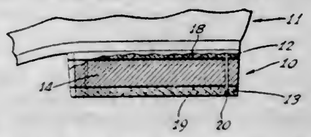


2,122,551
APPARATUS FOR MIXING VOLATILE LIQUIDS WITH SOLID MATERIALS
Ralph R. Allingham, White Plains, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New York
Application June 18, 1935, Serial No. 27,170
8 Claims. (Cl. 259—14)



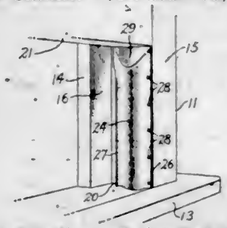
1. In an apparatus for mixing volatile liquids with solid materials, in combination, a mixer adapted to contain a body of solid material, means extending into the lower portion of said mixer for introducing the volatile liquid beneath the surface of said body of solid material, and means movable relatively to the fluid introducing means for simultaneously agitating said body of solid material and for engaging said introducing means thereby to agitate said introducing means to prevent clogging of the latter by said solid material.

2,122,552
HEEL FOR FOOTWEAR
Carlo Antoline, Ferriday, La.
Application May 18, 1937, Serial No. 143,301
2 Claims. (Cl. 36—34)



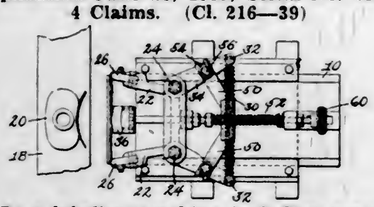
1. A shoe heel having an intermediate major part made of cypress knee wood and tread and lift layers of leather on opposite sides of said part.

2,122,553
WINDOW CONSTRUCTION
Robert S. Blair, New York, N. Y.
Application March 29, 1935, Serial No. 13,622
5 Claims. (Cl. 292—76)



1. In a construction of the nature described, comprising a sash member and a stile member along which said sash slides, in combination, a transversely resilient metallic strip interposed between said members and shaped to be yieldingly compressed thereby, and securing devices extending along said strip to hold the same against one of said members, said devices having tapering head portions contacting and holding portions of the strip into the member which they enter, whereby said strip may be substantially flattened against the member to which it is secured.

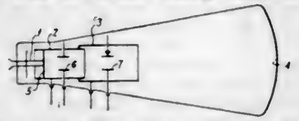
2,122,554
LABELING MACHINE
Otto George Brautigam, Jersey City, N. J., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application June 26, 1935, Serial No. 28,468
4 Claims. (Cl. 216—39)



3. In a labeling machine including means for supporting the article to be labeled, in combination, label pressing and wiping mechanism comprising a reciprocatory slide member, a pair of arms pivotally mounted upon the slide member, a flexible band mounted to be stretched between the forward ends of said arms and normally yieldably mounted in a relatively taut condition, links pivotally attached to each of said arms and to said slide member for maintaining said arms in a symmetrical position with respect to the longitudinal axis of said slide member, and a presser member cooperating with the rear face of the band for yieldably pressing it against the central portion of the label, said presser member being capable of relative movement with respect to the slide member whereby the band may operate to wipe the label around the corners of the article upon forward movement of the slide member.

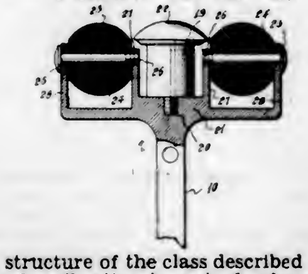
2,122,555
BRAUN TUBE
Ernst Brüche, Berlin-Reinickendorf, Germany, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany, a corporation of Germany
Application April 27, 1936, Serial No. 76,632
In Germany April 27, 1935
3 Claims. (Cl. 250—27.5)

1. A cathode ray tube comprising, an envelope, an electron emitter within the envelope and positioned at one end thereof, a luminescent screen also within the envelope and positioned at the end thereof opposite the emitter, a pair of cylindrical accelerating and focussing electrodes supported within the tube in the region adjacent the emitter and each longitudinally spaced therefrom and telescopically positioned relative to each other so that one cylinder partially surrounds the other, said electrodes being adapted to have



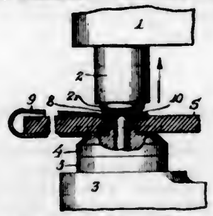
applied thereto positive potentials relative to the emitter to develop an electrostatic field to form the emitted electron stream into a sharply defined spot focussing upon the screen, and a pair of beam deflecting electrodes positioned internally of the cylindrical electrode nearest the emitter, said deflecting electrodes being located within the cylindrical electrode in a region of electrical field distribution where the shape of the potential characteristic is substantially uniform.

2,122,556
VIBRATORY MASSAGER
Oscar Thomas Buffalow, Chattanooga, Tenn.
Application October 3, 1935, Serial No. 43,451
5 Claims. (Cl. 128—49)



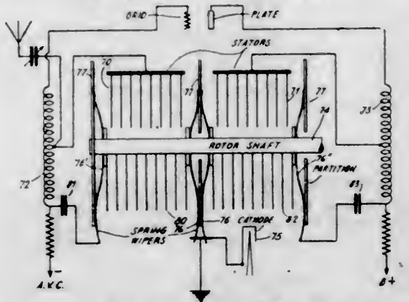
1. A structure of the class described comprising an arm for vibration in a single plane, an applicator on said arm, balls rotatably mounted on said arm adjacent said applicator, the axis of rotation of said balls being in the plane of vibration of said arm, and rotatable over said body only in a plane substantially at right angles to the plane of vibration of said arm, means removably securing the applicator in place, and the applicator having a spherical massaging portion.

2,122,557
METHOD AND APPARATUS FOR APPLYING METALLIC SEALS
Morris Canter, New York, N. Y.
Application August 14, 1936, Serial No. 96,022
2 Claims. (Cl. 153—1)



1. In the art of marking furs and skins, the method of applying to a fur or skin an identifying seal comprising a strip of metal integrally formed at its ends with tubular male and female members, each of the male and female members comprising a cup having a substantially flat closure wall, and the male member being of substantially greater length than the female member, which consists in passing the male member through an aperture formed in the fur or skin and internally supporting said male member, then simultaneously applying pressures in opposite directions to the seal, to wit, a pressure applied to the male member confined substantially to its tubular base interiorly of the surrounding area of the strip of metal carrying said male member and sufficient to counter-sink the male member relatively to the said strip of metal, and a pressure applied to the female member in opposition to the first-named pressure and sufficient to collapse the same and the male member interiorly thereof to interlock said male and female tubular members of the seal.

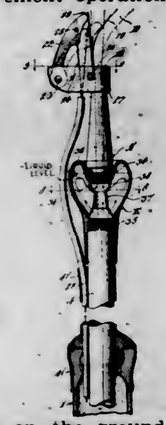
2,122,558
SHORT WAVE RADIO FREQUENCY AMPLIFIER SYSTEM
Murray G. Clay, Hasbrouck Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 21, 1934, Serial No. 726,634
9 Claims. (Cl. 179—171)



1. A radio frequency amplifier stage comprising an amplifier tube provided with at least cathode, grid and plate electrodes, an input inductance connected to the grid and an output inductance connected to the plate, a gang tuning condenser having one section in shunt to the grid inductance and another section in shunt to the plate inductance, said inductances and condenser sections constituting similarly tuned input and output circuits, the rotors of said condenser sections being mounted side by side on a common control shaft, a conductive connection from ground to the control shaft between adjacent ends of the rotor sections, a connection from cathode to said ground connection, and connections from the low potential ends of the grid and plate inductances to their respective rotor sections at the ends which are opposite to the adjacent ends to which the cathode and ground are connected.

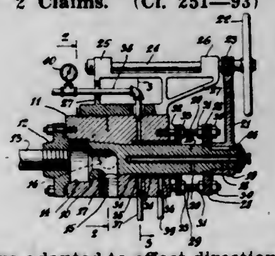
2,122,559
SPRAY GUN
Louis G. Dapero and Peter C. Dapero, Summit, N. J.
Application October 29, 1937, Serial No. 171,628
7 Claims. (Cl. 299—111)

2. A spray gun comprising a long tubular casing having a butt at one end to set upon the ground or like support, a tube supported within and extending lengthwise of said casing and projecting from the other end thereof, a spray head connected to said end of the tube, a valved fitting for connecting said tube to a liquid supply and for controlling flow of liquid to said spray head, said valved fitting being mounted on said casing and spaced from said butt a distance for convenient operation by an operator



standing erect on the ground and supporting said casing in approximately vertical position, said spray head having an outlet and a resilient strip with one end connected to said head closely adjacent said outlet, said strip being normally wholly disposed at one side of said outlet, and a device for flexing said strip transversely of and over said outlet to deflect the stream of liquid therefrom.

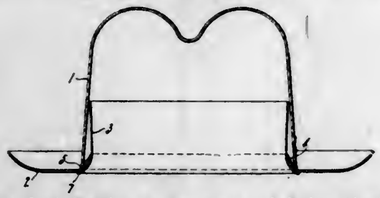
2,122,560
FLUID VALVE
Luis de Florez, Pomfret, Conn.
Application March 21, 1936, Serial No. 70,086
2 Claims. (Cl. 251—93)



1. A valve adapted to effect directional changes in a flowing stream of hot oil at high temperature and pressure, comprising a valve casing, an inlet at one end thereof, a frusto-conical valve seat in said casing tapering from and communicating with said casing inlet, a frusto-conical valve plug in said seat adapted to turn therein and having the end of greater area directed toward said casing inlet whereby the hot oil normally tends to force the plug into said valve seat, said plug having a passage communicating at one end with said casing inlet and terminating at its other end in the frusto-conical wall of said plug, a plurality of spaced outlet passages circumferentially disposed around said valve seat for selective communication with the said other end of said valve plug passage, an elongated stem on the smaller end of the plug projecting outwardly through the casing, means cooperating with the stem and casing to maintain the plug in spaced relation to the seat, packing in said casing surrounding said

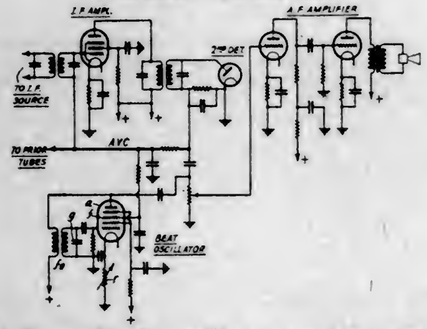
stem, means for delivering a relatively cool liquid to said stem and packing at a pressure in excess of the pressure of the hot oil in said casing inlet, and means for directing the cool liquid between the plug and its seat to form a film of liquid flowing into the hot oil, whereby flow of hot oil between the plug and seat is prevented.

2,122,561
HAT
Harry Dolan, Weehawken, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application April 17, 1936, Serial No. 74,823
1 Claim. (Cl. 2—181)



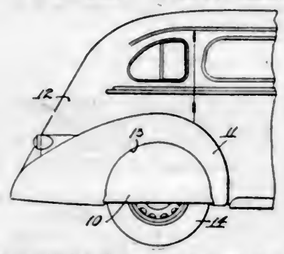
In a hat having a crown and brim that encircle the head opening, a sweat band secured at its lower edge to said hat to extend upwardly in the hat opening, and means surrounding the sweat band and located between the inner wall of the hat and sweat band and adapted to exert a yielding inward pressure around the sweat band at a point well above its lower edge, said means comprising a length of elastic webbing having its ends united to form a ring that is considerably smaller than the periphery of said head opening and having its lower edge secured to the inner wall of the hat near the lower edge of the sweat band in a tensioned condition while its upper edge is held spaced therefrom by the width of the webbing and contracts about an intermediate portion of said sweat band to press this intermediate portion of the sweat band inwardly.

2,122,562
TUNING INDICATOR CIRCUIT
Wolfgang F. Ewald, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 23, 1936, Serial No. 92,066
In Germany July 26, 1935
7 Claims. (Cl. 250—20)



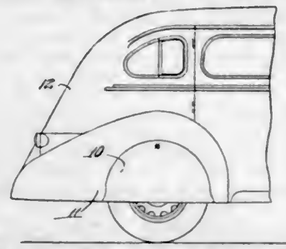
1. In combination with a wave transmission system, means for detecting waves transmitted through the system, means for impressing waves of the same frequency as the transmitted wave frequency upon said detecting means so as to provide beat energy when said transmitted waves change in frequency from the impressed wave frequency value, means for deriving a voltage from the transmitted waves whose magnitude varies directly with transmitted wave amplitude, and additional means for controlling said impressing means with said derived voltage in a sense to render the impressing means ineffective when said derived voltage is a maximum.

2,122,563
ORNAMENTAL FENDER SKIRT
Arthur P. Fergueson, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan
Application October 9, 1936, Serial No. 104,764
3 Claims. (Cl. 280—153)



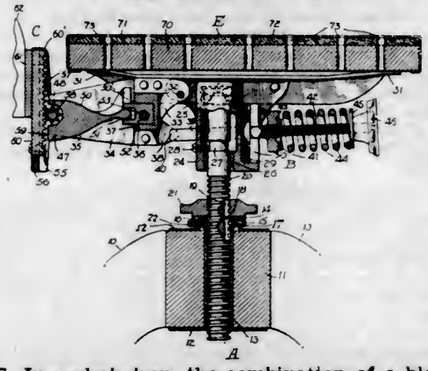
1. As an article of manufacture, an ornamental fender skirt having a lower edge portion bent to form a downwardly opening channel and a fender skirt supporting bar nested and secured in said channel.

2,122,564
ORNAMENTAL FENDER SKIRT
Arthur P. Fergueson, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan
Application October 9, 1936, Serial No. 104,766
9 Claims. (Cl. 280—153)



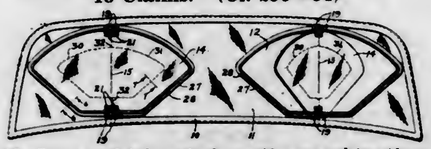
1. As an article of manufacture, an ornamental fender skirt having a fender engaging portion adapted to overlie the opening defining edge of a vehicle fender, a flange on said fender skirt in proximity to said fender engaging portion for extension rearwardly beneath said opening defining edge of said fender, and a non-metallic resilient strip secured to said flange, said strip being shaped to provide a channel portion adapted to be seated on said opening defining edge of said fender and a second beadlike fender fastening portion extending upwardly and continuing rearwardly from said channel portion forming a flange for engagement with the underside of said fender to restrain outward movement of said fender engaging portion of said skirt away from the opening defining edge of said fender.

2,122,565
CHAIR IRON
Thomas W. Foote, Cleveland, Ohio
Application February 15, 1936, Serial No. 64,040
12 Claims. (Cl. 155—157)



7. In a chair iron, the combination of a block to support a seat frame, a bracket pivoted on said block, spring means to hold the bracket yieldably in a predetermined position, a back support pivoted in said bracket, an inclined track and a guide having an inclined groove provided on said back support and in said bracket respectively, and means to adjust the track and the grooved guide relative to each other transversely of the bracket and support, whereby the back support is inclined about its pivotal axis.

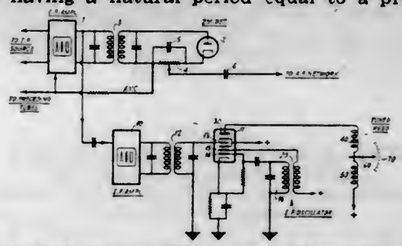
2,122,566
WINDSHIELD
William H. Foster, Norwalk, Conn., assignor, by direct and mesne assignments, of ten per cent to Morton Weiss, Bridgeport, Conn., and ninety per cent to Rose G. Foster, Norwalk, Conn.
Application April 10, 1936, Serial No. 73,711
18 Claims. (Cl. 296—84)



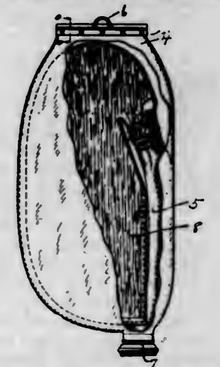
13. In a vehicle window, the combination of a window glass having an opening therein; a glass panel conforming to the general outline of said opening; means for mounting the glass panel in the opening in the window glass so that it lies in the plane of the window glass, said mounting means including a pivotal mounting arranged so that the glass panel pivots about a vertical axis; and means for locking the glass against movement out of the plane of the window glass.

2,122,567
TUNING INDICATOR CIRCUIT
Dudley E. Foster, Orange, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 30, 1936, Serial No. 77,088
5 Claims. (Cl. 250—20)

1. In combination, in a superheterodyne receiver of the type including an intermediate frequency network followed by an audio demodulator, a mixer network having a signal input circuit connected to the intermediate frequency network, means for producing local oscillations of the operating intermediate frequency value, and a visual indicator device in the mixer output circuit having a natural period equal to a predetermined frequency difference between the said local oscillation frequency and the frequency of said intermediate frequency energy.



2,122,568
VACUUM CLEANER ATTACHMENT
Philip Gasner and Sigmund Gasner, New York, N. Y., assignors, by mesne assignments, to Hygienic Dust Bag Corporation, New York, N. Y., a corporation of New York
Application January 23, 1930, Serial No. 422,732
3 Claims. (Cl. 183—51)



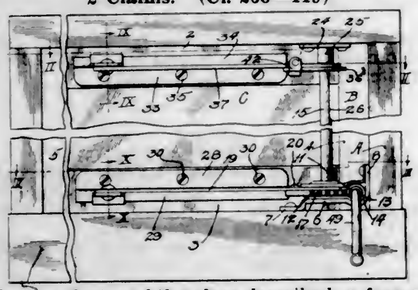
1. In a vacuum cleaner attachment comprising an outer protective bag having a hose located therein, said hose being provided with a coupling which projects from said outer bag, said outer bag being adapted to be opened, and a bag made of paper which is permeable to air, said paper bag having a mouth which is adapted to be coupled to the upper end of the hose, said mouth making an angle with the main body of the bag, said hose being permeable to air and being sufficiently narrow to prevent any substantial deposit of dust upon the inner walls thereof, the body of said bag depending below said mouth when the device is in use and said mouth being upwardly directed when the device is in use.

2,122,569
PROCESS FOR REFINING GYPSUM
Donald N. Griffin, Fort Wayne, Ind., assignor to The Deister Concentrator Company, Fort Wayne, Ind., a corporation of Indiana
No Drawing. Application November 6, 1935, Serial No. 48,494
3 Claims. (Cl. 209—49)

1. In the art of separating gypsum from mineral composed of interlocked grains of gypsum and limestone and/or dolomite, the process comprising, grinding the mineral to a size sufficient to unlock the grains of gypsum from the lime-

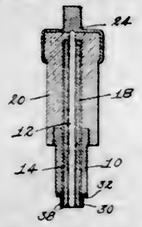
stone and dolomite, treating an aqueous pulp of the ground material with fatty acid salt having a preferential affinity for the limestone and dolomite, stratifying the treated material by wet table classification, removing the limestone and dolomite in an upper stratum, and collecting the clean gypsum in a lower stratum.

2,122,570
ACTUATOR FOR HINGED CLOSURES
John S. Gullborg, Chicago, Ill.
Application June 1, 1937, Serial No. 145,656
2 Claims. (Cl. 268—119)



1. In a device of the class described, a frame, a closure hinged to said frame to swing, a bar of angular section attached by a flange to said closure and having a web normal to said closure and another flange parallel to and spaced from the closure, a slide formed of sheet metal shaped to provide a U-head to fit about said other flange in longitudinal sliding relation, said slide having a part lying in the plane of said web, an operating arm pivoted at one end to said slide part with a portion of the arm lapping said web, a stamped gear connected to the other end of said arm in driving relation, a hollow worm supported in mesh with said gear, a hollow bearing sleeve for supporting said web with its ends projecting beyond the ends of the worm, journals supporting said sleeve ends, the interior of said sleeve being of polygonal cross section, and a removable crank having a part of polygonal section to conform to the interior of said sleeve enterable therein for rotating said worm to actuate said closure.

2,122,571
SPARK PLUG
Arthur Chapin Hastings, Jr., South Yarmouth, Mass.
Application January 19, 1937, Serial No. 121,296
9 Claims. (Cl. 123—169)

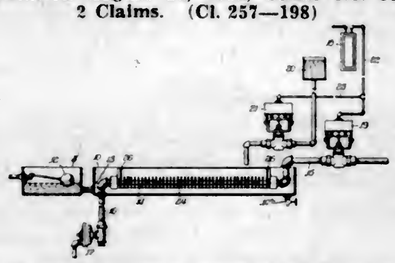


1. A spark plug having an outer metallic member having an elongated bore therethrough, an inner electrode extending through the bore, a thin tube of heat resisting glass between the inner electrode and said outer metallic member, a metallic tube having substantially the coefficient of expansion of the glass secured to and forming a part of said outer metallic member, the lower portion of said glass being fused to said metallic tube and to the inner electrode.

2,122,572
MANUFACTURE OF CELLULOSE DERIVATIVES
John Edward Jones and Arthur Charles Cox, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application February 24, 1937, Serial No. 127,523. In Great Britain February 2, 1937
11 Claims. (Cl. 260—101)

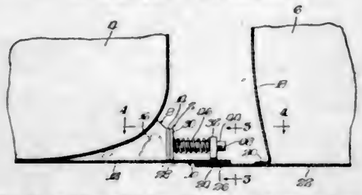
1. Process for the manufacture of cellulose esters, which comprises subjecting cellulosic materials to treatment in a liquid medium comprising sulphuric acid in a proportion of at least 8% of the weight of the materials, an organic acid and only just sufficient organic acid anhydride to render and maintain the medium anhydrous by reaction with any water present or formed during the treatment, and then esterifying the pretreated materials.

2,122,573
APPARATUS FOR EVOLVING WATER VAPOR
Frank E. P. Klages, Park Ridge, Ill., assignor to The Powers Regulator Company, Chicago, Ill.
Application August 14, 1935, Serial No. 36,062
2 Claims. (Cl. 257—198)



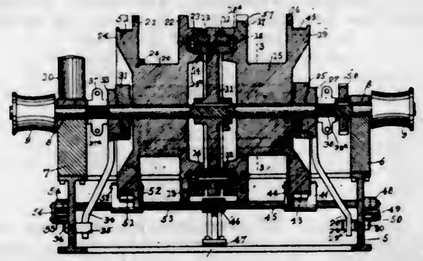
1. In combination, a pan, a pipe having closely adjacent, vertically projecting fins thereon mounted horizontally within said pan, means for automatically maintaining a fixed level of water in said pan at such height that a substantial portion of said pipe and fins project above the water when heat is not being supplied to the pipe, side walls for closing otherwise open ends of the spaces between adjacent fins, and means for providing a controlled supply of heat to said pipe.

2,122,574
TANK VEHICLE STRUCTURE AND THE LIKE
Ralph L. Kuss, Joliet, Ill., assignor to Farrell Manufacturing Company, Joliet, Ill., a corporation of Illinois
Application August 6, 1936, Serial No. 94,514
15 Claims. (Cl. 280—5)



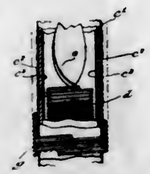
1. In a tank vehicle, the combination of a vehicle structure comprising a cab, a second vehicle structure comprising a tank disposed adjacent thereto, and means providing a bearing joint between said structures extending at least around a portion of said tank, said joint having a part connected to one of said structures and provided with a bearing member and a part connected to the other of said structures and provided with a bearing member cooperating with said first-named bearing member, and means providing a movable connection between one of said parts and its associated structure.

2,122,575
WINCH
Joseph A. Largaud, Point Roberts, Wash.
Application December 12, 1936, Serial No. 115,581
2 Claims. (Cl. 254—185)



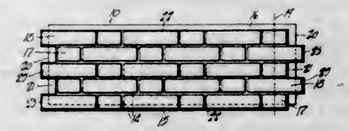
1. A power winch including, a driving shaft mounted for revolution on a base, a friction wheel disposed centrally on the said shaft fastened thereon to revolve therewith, two winding drums, each having a flange on each end, one mounted for revolution on the said shaft on each side of the said friction wheel each drum being adapted to frictionally engage the said friction wheel, two semicircular metal bands removably disposed on the peripheries of the inner flanges of the said drums, removable mechanical means to fasten the said bands to the said flanges to connect the said drums together for simultaneous revolution in the same direction, and means to cause one of the said drums to frictionally engage the said friction wheel and revolve both of the said drums therewith.

2,122,576
WINDOW SASH BALANCE
Algot Larson, New York, N. Y., assignor to Unique Balance Company, New York, N. Y., a corporation of Illinois
Application January 21, 1938, Serial No. 186,065
2 Claims. (Cl. 16—197)



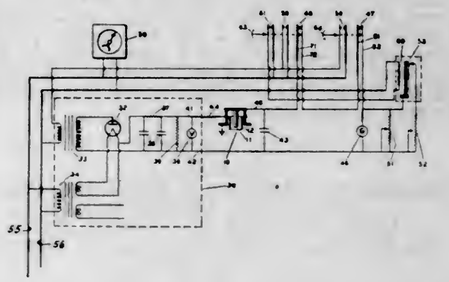
1. In a window sash balance, the combination of a counterbalance spring, and a metal spring-alining tube, the tube having adjacent the spring a lining of paper-like material whereby the sound of relative movement between the spring and the tube is deadened and provision is made for absorption of moisture.

2,122,577
INTERLOCKING PANEL SIDING
Lee H. Mattes and Robert S. Maclean, South Bend, Ind., assignors to Mastic Asphalt Corporation, South Bend, Ind.
Application April 3, 1936, Serial No. 72,616
1 Claim. (Cl. 20—5)



As a new article of manufacture, a surface covering comprising a substantially rigid and rectangular panel having ship lap flanges at two opposed edges thereof, spaced tongues integral with but of less thickness than the panel projecting from the other opposed ends, portions of said panel alternating with said tongues and of the same size as said tongues being of reduced thickness whereby the surfaces thereof lie in the same plane as the rear faces of said tongues, and a surface layer adhering to the face of said panel outlined by the edges of said tongues and alternate reduced thickness portions.

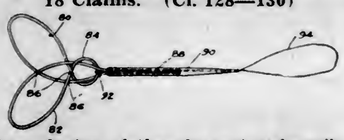
2,122,578
TESTING OF LUBRICANTS
Archie J. McMaster, Highland Park, and Andrew Christy, Chicago, Ill., assignors to G-M Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application November 27, 1933, Serial No. 699,872
15 Claims. (Cl. 175—183)



3. In a system of the class described, a test cell having a pair of electrodes adapted to be immersed in oil or the like, a power supply, a current measuring device, a switch, and a conducting guard interposed in the leakage path between the terminals of said switch, said power supply, switch, test cell and current measuring device being connected in series, said guard being connected to said circuit at a point which is on the opposite side of said power supply and said current measuring device from said switch.

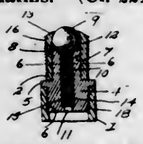
14. A method of determining the state of deterioration of a lubricating oil which comprises subjecting a sample thereof to a predetermined voltage gradient less than that required to produce a spark, measuring the density of electric current produced by said voltage gradient and comparing the reading obtained with a standard whereby the state of deterioration of the oil is made known.

2,122,579
INTRA-UTERINE DEVICE
Louis W. Meckstroth, Chicago, Ill.
Application June 13, 1934, Serial No. 730,411
18 Claims. (Cl. 128—130)



18. In a device of the character described, the combination of a head, said head being made of a filament formed into a plurality of loops interlaced to constitute a plurality of lobes, said head being adapted to be inserted in the uterine cavity and the lobes to lie toward the apices of the fundus, an elongated appendage secured to the ends of said head and adapted to lie in the cervical canal, and flexible withdrawal means connected to said appendage and adapted to lie in the vagina, said appendage and said withdrawal means permitting passage through said cervical canal.

2,122,580
PERFUME APPLICATOR
John T. Morris, Los Angeles, Calif.
Application September 16, 1936, Serial No. 101,057
2 Claims. (Cl. 221—16)



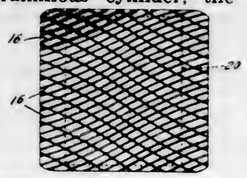
1. A liquid applicator comprising a plug provided with a bore, said plug being provided with a seat in its outer end, a ball fitted to said seat, a sleeve fitted tightly over the outer end of said plug and formed with a seat for engaging the outer side of said ball, and a spring mounted in said bore and engaging the inner side of said ball for holding the outer side of said ball against the seat in said sleeve.

2,122,581
PROCESS OF PREPARING PHENOLIC CONDENSATION PRODUCTS
Joseph B. Niederl, New York, N. Y.
No Drawing. Application June 11, 1935, Serial No. 26,044
8 Claims. (Cl. 260—154)

1. A process for the preparation of substituted phenols which comprises reacting on a halohydrin with a phenol free of active substituents and having a reactive nuclear hydrogen atom, in the presence of a metal halide capable of splitting out water.

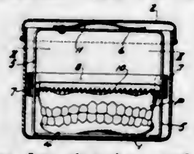
2,122,582
FILTER
Ralph Forbush Norris, Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application November 9, 1934, Serial No. 752,246
8 Claims. (Cl. 183—45)

1. A filter body comprising an interstitial structure of a plurality of overlying layers of strands of gimped material comprising a flexible carrier strand having one or more metallic spring-like ribbons gimped thereon in the form of a continuous helical spring wound about said carrier strand throughout the length thereof, said strands of gimped material being wound upon a foraminous cylinder, the strands of



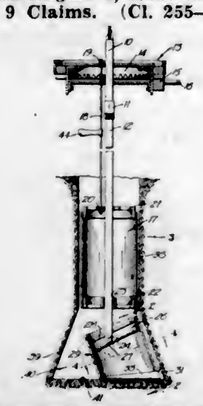
gimped material being cross wound, and the strands in any one layer being spaced apart.

2,122,583
DEVICE FOR CLEANING AND KEEPING ARTIFICIAL DENTURES
Günther Parizot, Adolfsberg, Stockholm, Sweden
Application September 25, 1935, Serial No. 42,021
In Sweden October 22, 1934
3 Claims. (Cl. 141—1)



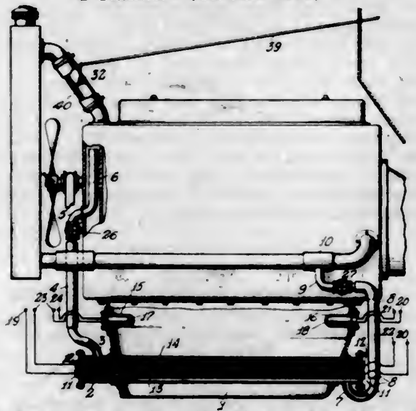
1. In a device for cleaning and enclosing an artificial denture, the combination with a container having a liquid tight closure therefor, of a denture holder removably disposed within the container and having resilient means for yieldably engaging the container to retain the holder against movement when the container is agitated, said holder comprising a base plate to support the denture thereon and having peripherally disposed uprights spaced apart to permit lateral insertion of the denture therebetween, and yieldable clamping means adjustable over the uprights and in engagement with the denture to retain the latter in the holder.

2,122,584
UNDERCUTTING BUCKET
Matt R. Peck, Gardena, Calif., assignor of one-half to Benjamin E. Bertran and one-half to Josie A. Bertran, both of Los Angeles, Calif.
Application August 1, 1936. Serial No. 93,819
9 Claims. (Cl. 255—74)



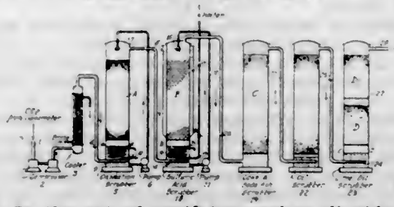
1. A digging tool comprising driving means, a dirt receiving member carried thereby and adapted to swing from a position vertically aligned with the rotary axis of the digging tool to a position downwardly and outwardly flaring with relation thereto, a blade on the side of said dirt receiving member adapted to cut an inclined face on the side wall of the bore within which the digging tool is operating and to deliver the cuttings into the receiving member and means operative from the top of the well to swing and maintain the dirt receiving member in cutting and noncutting positions.

2,122,585
HEATING APPARATUS FOR THE OIL IN THE CRANKCASE AND WATER IN THE COOLING SYSTEM OF INTERNAL COMBUSTION ENGINES
Paul Pollack and Nathan Pollack, Brooklyn, N. Y.
Application April 27, 1937, Serial No. 139,306
4 Claims. (Cl. 123—170)



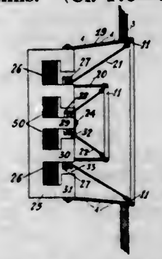
1. In an internal combustion motor, the combination of two electric heating elements, one being of low voltage and the other of high voltage, each in an insulated tube completely inclosed in a water jacket which is built into the crank case of the motor and which water jacket is connected to the motor water system by a feed and return pipe; the high voltage heating element being connected through a thermostat to the high voltage electric current; the low voltage heating element being connected through a separate thermostat to the storage battery.

2,122,586
PROCESS FOR THE PURIFICATION OF CO_2
Gustave T. Reich, Philadelphia, Pa.
Application August 12, 1935, Serial No. 35,715
6 Claims. (Cl. 23—150)



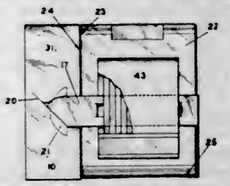
1. In the art of purifying carbon dioxide gas, comprising oxidizing the organic impurities and subsequently passing the gas containing the oxidized impurities through a sulphuric acid scrubbing tower, and then removing the oxidized impurities, the step of passing CO_2 gas, that has passed through the sulphuric acid scrubbing tower, through another scrubbing tower containing a filler composed of an alkaline earth metal compound that reacts with sulphuric acid with the formation of an insoluble sulphate mixed with a neutral oil.

2,122,587
ACOUSTIC DEVICE
Abraham S. Ringel, Brooklyn, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application July 20, 1925, Serial No. 44,735. Divided and this application March 21, 1928, Serial No. 263,377
6 Claims. (Cl. 179—115.5)



1. In combination a cone shape diaphragm, a second diaphragm mounted within the first named diaphragm whereby a compact operating unit is secured and separate means associated with each diaphragm for simultaneously vibrating said diaphragms.

2,122,588
PACKAGE
Edward J. Ruff, Woodmere, N. Y.
Application January 22, 1937, Serial No. 121,736
11 Claims. (Cl. 206—47)



1. An upstanding vendable unit comprising two packages each constituting a complete saleable package of its contained merchandise, one forming a completely closed package of confections providing a loaded pillar for supporting the unit in upstanding position, and the other a package of cigarettes not necessarily provided with its own supporting base, and said packages arranged side by side in abutting relation, and a paper bracket hinged to the confection-containing package and including strips interconnected and disposed to underlap completely the bottom and to lap partially the otherwise exposed upstanding sides of the cigarette package to hold the same in engagement with the confection package.

2,122,589
PRINT LIFTER AND METHOD
Francis J. Sirchie, Conshohocken, Pa.
Application August 21, 1934, Serial No. 740,752
4 Claims. (Cl. 41—4)

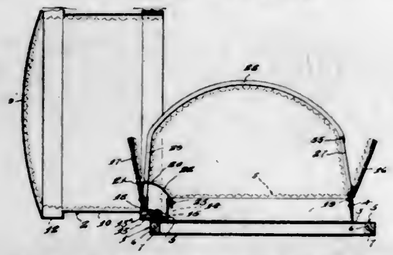
1. The method of obtaining a permanent record of a latent finger print, which consists in powdering the finger print, in applying pliable transparent material having a transparent adhesive face to the finger print, in removing said

material to lift the finger print, in applying pliable transparent covering material to the adhesive face, in placing writing on such part of the material as will make the writing visible as a "positive" on the side on which the lifted finger



print is visible as a "positive" and visible as a "negative" on the side on which the lifted finger print is visible as a "negative", and in making a photograph of the lifted finger print and the writing.

2,122,590
ADJUSTABLE BURIAL CASKET
Patrick D. Skahen, Syracuse, N. Y.
Application December 4, 1936, Serial No. 114,215
15 Claims. (Cl. 27—4)



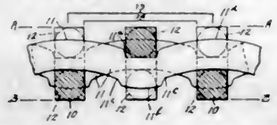
1. A burial casket comprising a base element having a body supporting surface, a boxlike lid element closable on the margin of the base element having side and end walls which form the sides and ends of the casket when closed, and which coact with the base element near the level of said body supporting surface, and means normally extending laterally beyond the base element and forming an extension of the body supporting surface thereof, said means being shiftable into a position within the outline of the base element to permit closing of the lid element.

2,122,591
CATTLE FEED TROUGH
John Smrekar, Sr., Millston, Wis.
Application December 7, 1936, Serial No. 114,595
1 Claim. (Cl. 119—60)



In a feed trough having a floor and walls extending upward from said floor, a grill pivotally mounted on one of said walls, blocks mounted on the opposite wall to serve as limit stops for said grill when the latter is swung into position to cover said trough, means for retaining said grill in approximately upright position when said grill is swung in the opposite direction, and slidably adjustable means on said grill for supporting said grill in any angular position with respect to the floor of said trough when said grill is swung into position over said trough.

2,122,592
WOVEN WIRE BELT FOR PAPER MAKING MACHINES
Harry G. Specht, Montclair, N. J., assignor, by mesne assignments, to Encor Corporation, Belleville, N. J., a corporation of New Jersey
Application June 4, 1936, Serial No. 83,519
3 Claims. (Cl. 139—425)



1. Woven wire fabric for paper making machines comprising interwoven warp and weft wires with knuckles produced in both the warp and weft wires, the warp wires throughout their length being of substantially square cross-section, the weft wires being of circular cross-section, the warp wires being embedded at their corners in said weft wires by reed-produced blows on said weft wires whereby the weft knuckles extend between the side surfaces of said warp wires to bring said weft knuckles closer to the surface of the fabric and to lock the weft wires against twisting relatively to the warp wires, the lower warp knuckles projecting substantially below the plane of the weft knuckles.

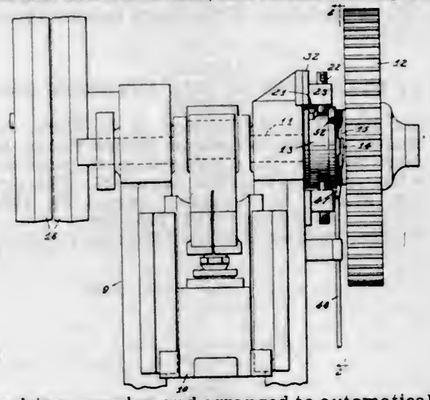
2,122,593
TREATMENT OF TEXTILE FIBERS
Henry A. Stafford, Ridley Park, Pa.
No Drawing. Application March 5, 1935, Serial No. 9,421
3 Claims. (Cl. 19—66)

1. The process of treating raw silk for full-fashioned hosiery, which process comprises, applying to the silk, compounded oil of the viscosity of from 40 to 300 seconds Saybolt universal viscosity at 100° F. and of the character of a true solution and insufficient in amount to cover the silk, removing the excess compounded oil by extracting the excess from the silk, subjecting the silk to the throwing operation which forms threads on cones, and subsequently forming the threads into full-fashioned hosiery directly from the cone without passing the threads through a moistening device.

2,122,594
CLUTCH AND OPERATING MECHANISM THEREFOR
Ross T. Stewart, Rockford, Ill., assignor to Geo. H. Spengler Co., Rockford, Ill., a corporation of Illinois
Application September 8, 1936, Serial No. 99,698
19 Claims. (Cl. 192—24)

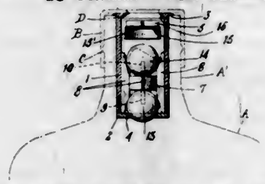
1. In a single revolution clutch, driving and driven members arranged to be moved toward and away from one another for connection and disconnection, spring means normally tending to cause movement of one of said members relative to the other in one direction, cam and follower means arranged to be releasably engaged to move the movable member in the opposite direction, manually operable means for operating the releasable element of said cam and follower means in one direction to cause connection of said members and commence a revolution of the driven member, another cam means turning with the driven member and arranged to operate the releasable element in the opposite direction to disconnect the driving and driven members at the end of one revolution, the aforesaid manually

operable means including a manually operable member, and means providing a detachable operating connection between said manually operable member and the releasable element of said cam and follower means, and means turning with



the driven member and arranged to automatically disconnect the manually operable member at the end of one revolution of the driven member in the event said manually operable member is held manually in a certain position.

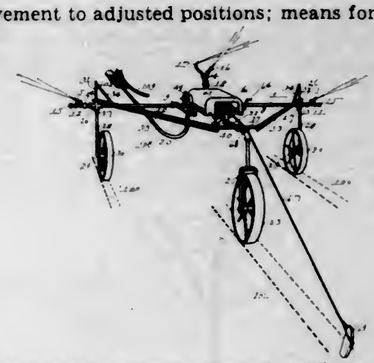
2,122,595
TAMPERPROOF CONTAINER DEVICE
Lyndon G. Stonebraker, Brooklyn, N. Y., assignor to Liquilock, Inc., New York, N. Y., a corporation of Delaware
Application October 9, 1936, Serial No. 104,783
13 Claims. (Cl. 215—21)



1. Apparatus adapted to be inserted into a portion of a liquid container for protecting the contents thereof, said apparatus comprising means responsive to the entrance of liquid into said portion from the exterior of the container for locking said container against pouring of its contents.

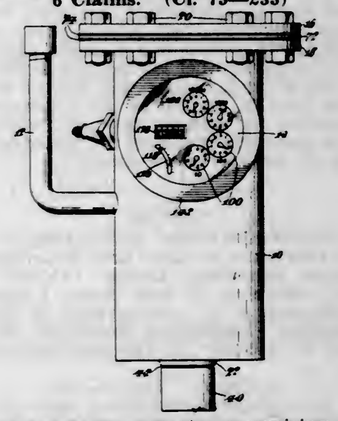
2,122,596
SPRINKLER
Cecil E. Turner, Los Angeles, Calif., assignor to March Automatic Irrigation Company, Muskegon, Mich., a corporation of Michigan
Application November 23, 1936, Serial No. 112,211
5 Claims. (Cl. 299—49)

1. A sprinkler adapted to be travelled over the ground, comprising: a chassis having a main pipe extending transversely the traveling movement of the sprinkler and provided with sprinkling nozzles, and a pipe branching from the main pipe; means carried by the chassis for traveling the sprinkler; a hose drawn over the ground by the traveling movement of the sprinkler; a connection leading from the hose to the main pipe for discharging water under pressure through the nozzles and water under said pressure through the branching pipe for operating said traveling means; chassis-supporting wheels slidably mounted on the main pipe for relative coaxial movement to adjusted positions; means for hold-



ing said wheels in such adjusted positions on said pipe.

2,122,597
PRESSURE COMPENSATOR
Walter C. Wagner, Ardmore, Pa.
Application July 6, 1935, Serial No. 30,209
6 Claims. (Cl. 73—233)



1. A pressure compensator comprising, a pressure-responsive element, a cam movable by said element in accordance with the pressure applied thereto, a register having a drive shaft, an electromagnet capable of being periodically magnetically energized by electric impulses received from an external source, an armature pivoted at one end and adapted to be drawn towards said electromagnet when said electromagnet is energized, a fixed stop, a lever attached to said armature, said lever bearing upon and having its movement limited by said cam when said armature is drawn toward said electromagnet and by said fixed stop on release thereof, a ratchet wheel fixed to the drive shaft of the register, an oscillating lever pivoted on said drive shaft, a link pivotally connecting said first-named lever and said oscillating lever, and a plurality of pawls on said oscillating lever, said pawls being adapted to engage the teeth of said wheel and being so proportioned that they come into action alternately so that the wheel can be positively advanced fractional distances of the teeth.

2,122,598
TAG FASTENER
Samuel Weiss, Brooklyn, N. Y.
Application November 10, 1937, Serial No. 173,752
2 Claims. (Cl. 40—25)

1. A tag fastener made of sheet metal and

having thereon a pair of legs and a tag attached to one of said legs, a piercing tongue on one of the said legs for attaching the same to a garment, an opening in the other leg for said tongue to pass therethrough, to secure said legs to each other during the operation of attaching the fastener to a part of a garment, and a portion on said other leg adjacent to said opening, having thereon an outwardly convex part and an outwardly concave part adjoining the same, thereby



forming a reverse curvature for bending thereon the said tongue exteriorly of said other leg to an inwardly extending offset after pressing the said two legs together with said garment part therebetween, and said other leg having thereon at the outer end thereof, on the side thereof which is opposite the first mentioned leg, a depression at said opening, for guiding the end of said tongue into the said opening during the operation of attaching the fastener to a garment.

2,122,599

PHOTOGRAPHIC DEVELOPERS

Gustav Wilmanns, Wolfen (Kreis Bitterfeld), and Wilhelm Schneider, Dessau (Anhalt), Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application December 16, 1936, Serial No. 116,236. In Germany December 23, 1935

16 Claims. (Cl. 95—88)

9. A photographic developing bath for silver halide emulsions comprising a compound selected from the group consisting of benzoins, dioxindoles and 2,3 dihydroxythionaphthenes.

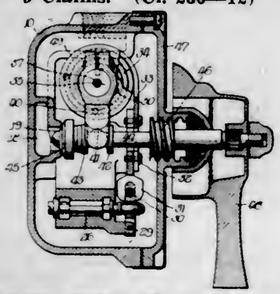
2,122,600

SHOWER MIXER

Howard J. Young, River Forest, Ill., assignor to The Powers Regulator Company, Chicago, Ill., a corporation of Illinois

Application September 30, 1935, Serial No. 42,733

9 Claims. (Cl. 236—12)



8. In a shower mixer, the combination with a casing, having valves for controlling the entrance of hot and cold fluids, a coiled bimetal thermostat for controlling the position of said valves, and means partially covering the open ends of said coiled thermostat whereby to shield the thermostat and retard its action under the influence of the temperature of the fluids passing through the casing.

2,122,601

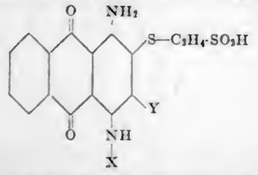
VAT DYESTUFFS OF THE ANTHRAQUINONE SERIES

Fritz Baumann, Leverkusen I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application August 23, 1935, Serial No. 37,601. In Germany August 29, 1934

3 Claims. (Cl. 260—59)

1. The compounds of the following formula



wherein X represents a member of the group consisting of hydrogen, aryl and hydroaryl, and wherein Y represents a member of the group consisting of hydrogen and chlorine.

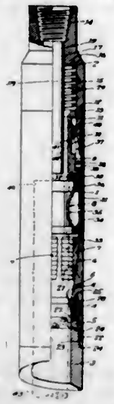
2,122,602

ROTARY AUTOMATIC LATCH TRIP SOCKET

Julius S. Beck, Los Angeles, Calif.

Application May 25, 1935, Serial No. 23,398

3 Claims. (Cl. 294—102)



1. In a socket as disclosed, a socket shell, a spring cage rotatably and slidably mounted in said shell for frictionally engaging the drill pipe or tubing, slips mounted in said shell to be contracted into gripping contact with the drill pipe or tubing when the cage is moved in one direction with relation to said shell, and to be expanded, to release the drill pipe or tubing when the shell is moved in said direction with relation to said cage, and means for moving the cage in one direction with relation to the shell upon rotation of said shell for enabling the slips to be contracted to grip the drill pipe or tubing, and for enabling the shell to be moved in said direction with relation to the cage without rotating the shell, for expanding the slips to release freely the drill pipe or tubing so that the socket may be lifted freely off said drill pipe.

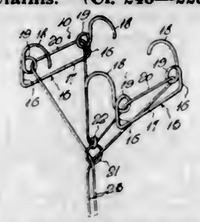
2,122,603

SWING SUSPENDING CLAMP

George B. Bentz, New York, N. Y.

Application January 21, 1938, Serial No. 186,241

5 Claims. (Cl. 248—228)



1. In a suspension or similar clamp, two support-engaging clamp members each of U-shape to provide it with two arms and with a cross bar connecting said arms, said arms having supporting hooks at their upper ends and eyes between their ends, and suspension means having portions passed slidably through said eyes for drawing said clamping members into clamping engagement with the support.

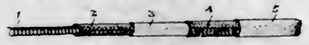
2,122,604

ELECTRIC RESISTANCE ELEMENT AND METHOD OF MAKING SAME

Raymond G. Bridges, Toronto, Ontario, Canada

Application November 29, 1935, Serial No. 52,004

6 Claims. (Cl. 201—64)



1. A method of insulating and permanently shaping an electric resistance unit, consisting in braiding a covering of asbestos fibre around the resistance element, applying a refractory in a plastic form to impregnate the fibres of said covering and completely enclose same leaving a substantial thickness overlying the braided covering, then braiding a second covering of fibrous material over the moist refractory covering while the latter is still plastic, then applying a refractory material in fluid form to the exterior of said outer fabricated covering to impregnate the fibres thereof, then bending the composite member so formed bodily while the refractory is in a soft plastic form to a desired configuration, then drying the moisture therefrom and finally baking the refractory material at a refractory fusing temperature to bond the same with the respective braided coatings and rigidly preserve the shape into which said composite member has been bent.

2,122,605

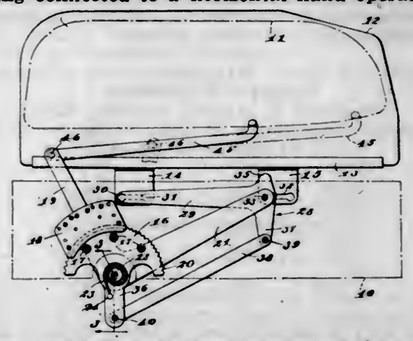
AUTOMOBILE WINDOW SASH MECHANISM

Daniel L. Chandler, Somerville, Mass., assignor to Aresee Company Inc., Salem, Mass., a corporation of Massachusetts

Original application September 3, 1937, Serial No. 162,283. Divided and this application September 24, 1937, Serial No. 165,536

3 Claims. (Cl. 268—126)

1. An improved automobile window sash elevating mechanism comprising in combination, a plate fixed to the frame of said window, slotted brackets attached to the bottom edge of said sash, said slots being elongated in a horizontal plane, an inverted L member slidably engaged in said slots, the long side of said L member being provided with studs adapted to engage in said slots, an extension member attached to said L member at a point above its right-angle corner, said extension member being adapted to bear against the side of the respective bracket, a bell-crank lever one leg of which is pivoted on the stud located at the said right-angled corner of said L member, the other end of said bell-crank lever being connected to a horizontal hand operating



lever, said bell-crank lever being pivoted to said fixed plate, a parallel lever pivoted to the depending end of said L member at one end and the opposite end being pivoted to said fixed plate.

2,122,606

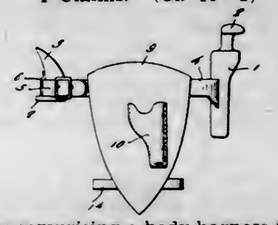
TOY BELT SADDLE

Harry Leonard Dobbie, Cleveland, Ohio

Application October 22, 1936, Serial No. 107,083

Renewed January 3, 1938

4 Claims. (Cl. 46—1)



1. A toy comprising a body harness including a saddle bow and a cantle connected by a body belt.

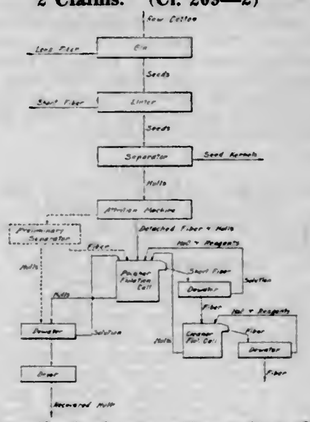
2,122,607

COTTON SEPARATING AND RECOVERING METHOD

Theodore Earle, Los Angeles, Calif.

Application March 23, 1936, Serial No. 70,217

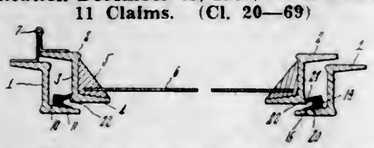
2 Claims. (Cl. 209—2)



1. The method of separating cotton fiber and hulls from cotton-seed hulls which comprises

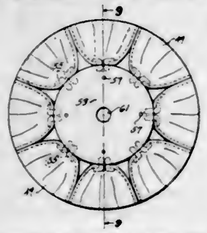
stripping the fiber from the hull material by mechanical means, agitation of the mass in a froth flotation cell in the presence of frothing reagents and recovery of the fiber as a froth concentrate and the hulls as a tailing product.

2,122,608
GASKET STRIPPING
Woodward L. Harlow, Newton, Mass.
Application December 23, 1935, Serial No. 55,782
11 Claims. (Cl. 20—69)



1. A gasket strip comprising a body member having a base face for securement to an object, said body member having a recess along a side face to form a pair of spaced edge portions one adjacent to and one remote from said base face, the opposite side face having a slit extending inwardly therefrom toward said recess to leave between them a neck portion.

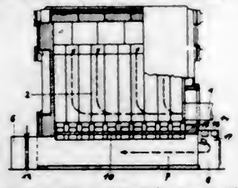
2,122,609
BUFFING WHEEL
Fritz E. Hendrickson, Minneapolis, Minn., assignor of one-half to Murray Ireland, St. Paul, Minn.
Application October 12, 1936, Serial No. 105,156
8 Claims. (Cl. 51—190)



1. A composite buffing wheel including a central metal disc adapted to be mounted on and rotate with a shaft, a plurality of holding means secured to the disc adjacent to the outer periphery thereof and a plurality of flexible buffing elements, each element being folded upon itself at least once to substantially sector shape, and the elements being held by the respective holding means in close peripherally-adjacent positions on the outer periphery of the central disc, the peripheral extent of each folded element when mounted on the disc being less than its initially-folded peripheral extent to cause each element to fluff and extend in substantially zigzag form peripherally of the disc.

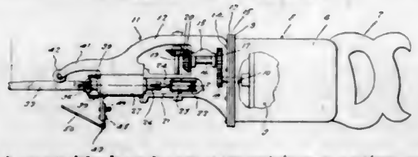
2,122,610
BOILER, MORE PARTICULARLY OIL BURNING SECTIONAL BOILER
Franz Irschik, Purkersdorf, Austria
Application May 22, 1935, Serial No. 22,876
In Austria May 23, 1934
1 Claim. (Cl. 122—225)

A boiler comprising end members, a breeching connected to one of said end members, sections interposed between said members and containing water-spaces communicating with each other and as a whole enclosing a space, a grate dividing said space into a combustion chamber and an ash chamber, a fireproof layer on said grate, an oil burner in said combustion space, said sections having vertical flue passages communicating with said combustion chamber and having transverse openings forming a collecting flue on each side of said ash chamber and communicating with said vertical flues but closed at the rear end, means forming a passage from said collecting flue to the forward portion of said ash chamber and



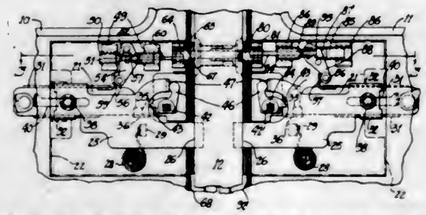
including a reversing chamber at the front end of the boiler, dampers in said reversing chamber regulating the rate of discharge from the collecting flues into the reversing chamber and doors on the front of said reversing chamber, and said ash chamber communicating at its rear end with said breeching.

2,122,611
SAW ATTACHMENT FOR PORTABLE ELECTRIC DRILLS
Alfert F. Kirby, California, Mo., assignor of ten per cent to Paul H. Gabert, California, Mo.
Application January 22, 1937, Serial No. 121,871
1 Claim. (Cl. 143—68)



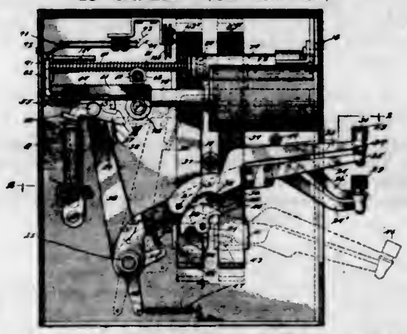
A portable hand saw comprising a casing provided at one end with a handle, a head member mounted on the casing at the end thereof remote from said handle, an electric motor housed in said casing and provided with an armature shaft extending from the casing to one side of and parallel with said head, a fixed guide on said head, a rod having a sliding fit within said guide, means operatively connecting the armature shaft to one end of said rod for reciprocating the latter, a saw blade secured at one end to the free end of said rod, an arm depending from said guide in the plane of said blade, and a saw rest secured to said arm to extend forwardly thereof beneath said blade and adjustable about right angularly related axes into different inclined positions relative to said blade.

2,122,612
LATCH MECHANISM
Archer L. Knapp, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application March 17, 1934, Serial No. 716,133
7 Claims. (Cl. 292—33)



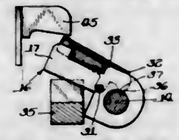
2. In a vehicle having doors at the same side thereof and a pillar intermediate said doors, the combination with locking mechanism carried by one of said doors and cooperating with said pillar to retain such door in closed position, of manually operable means carried by said pillar and associated with said locking mechanism for releasing the latter, and manually operable means carried by the other of said doors and connected with said locking mechanism for actuating the latter to lock said first named door.

2,122,613
REMOTE CONTROL MECHANISM FOR RADIO RECEIVING SETS
James F. Koca, Woodstock, Ill., assignor to Richard W. Sears, II, Chicago, Ill.
Application October 14, 1929, Serial No. 399,465
15 Claims. (Cl. 250—20)



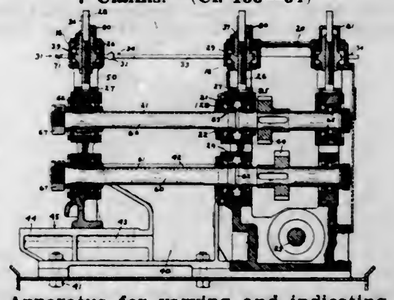
10. In a radio tuning selector, the combination with a tuning shaft, an operating device therefor corresponding to a broadcasting station, an actuator for said device, an electro-magnetic selector for said actuator, and electro-magnetic mechanism for operating said selected actuator to in turn operate said selected device to turn said shaft to a predetermined position corresponding to said broadcasting station.

2,122,614
TYPEWRITER STOP MECHANISM
James F. Koca, Woodstock, Ill., assignor to Woodstock Typewriter Company, Woodstock, Ill., a corporation of Illinois
Application May 20, 1935, Serial No. 22,299
6 Claims. (Cl. 197—176)



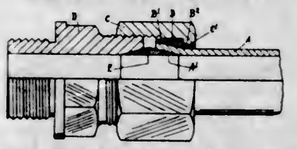
6. The combination with a typewriter having a column stop bar provided with a rib thereon and a slotted bar arranged in juxtaposition with respect to the column stop bar, of a column stop cooperating with both of said bars and comprising a member adapted to be received in a slot in the slotted bar, there being a hole provided in the member through which the column stop bar extends, a channel-shaped clip pivoted to the member and partly encasing the said member, means for limiting the pivoted movement of the channel-shaped clip with respect to the member, said clip having teeth engaging the rib on the column stop bar, said member having a cutout provided in the upper surface thereof, and a spring arranged in the cutout of the member and engaging the clip to urge the clip away from the metal member and the teeth of the clip against the column stop bar.

2,122,615
ALIGNING DEVICE FOR COLD ROLL FORMING MACHINES AND THE LIKE
Dwight A. Johnston, Youngstown, Ohio, assignor to McKay Machine Company, Youngstown, Ohio, a corporation of Ohio
Application February 23, 1937, Serial No. 127,113
7 Claims. (Cl. 153—54)



6. Apparatus for varying and indicating the interval and angularity between two normally parallel roll carrying shafts comprising a plurality of means spaced axially along one of said shafts to rotatably support the same, means to adjust one of the aforesaid supporting means comprising a member axially fixed in relation to said last mentioned means and screw-threaded into a second member axially fixed in relation to the other of said shafts, a scale having a medial line fixed on one of said members the other of said members being rotatable, a micrometer dial secured to and rotatable with the said other of said members in operative relation with said scale and medial line to indicate with minute accuracy the position of the adjacent roll shaft supporting means.

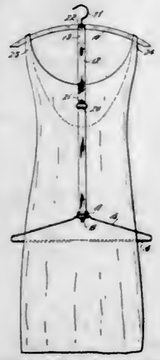
2,122,616
PIPE COUPLING DEVICE
James Hunter Lamont, Edinburgh, Scotland, assignor to James H. Lamont & Company, Limited, Edinburgh, Scotland
Application September 29, 1937, Serial No. 166,272
2 Claims. (Cl. 285—79)



1. A pipe coupling device for comparatively ductile metal pipe such as copper or the like, comprising a metal sleeve having adjacent one end an internal surface tapered to fit a corresponding preformed flare on the end of a pipe to be coupled, said end of the sleeve having a circumferentially continuous cylindrical surface, the other end of said sleeve having a circumferentially continuous internal surface adapted to fit snugly about a portion of said pipe and a circumferentially continuous tapered external surface, the larger end of said last named tapered surface being adjacent said cylindrical surface, and a hollow coupling member having a portion adapted loosely to receive the cylindrical portion of the sleeve and having a tapered internal surface adapted to fit the externally tapered portion of the sleeve, said coupling member being arranged to cooperate with a complementary element to draw said sleeve upon the preformed flare of the pipe thereby causing the tapered internal surface of the coupling member to compress the portion

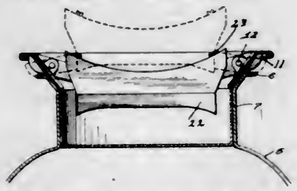
of the sleeve having the external taper whereby said last named portion of the sleeve is forced into permanent fluid-tight gripping engagement with the pipe at a zone spaced from the end of the pipe.

2,122,617
GARMENT HANGER
Louise McD. Marshall, Shaker Heights, Ohio
Application October 12, 1937, Serial No. 168,608
4 Claims. (Cl. 223—92)



1. A garment hanger comprising an upper element adapted to receive and support the shoulder straps of a garment, a lower element having a transversely elongated loop through which the skirt portion of the garment may be caused to extend, and a flexible connection between said elements permitting the lower element to be raised with respect to the upper element for supporting the skirt portion independently of the shoulder straps.

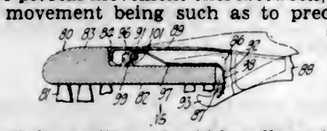
2,122,618
MECHANICAL DEVICE FOR OPENING MILK CANS
John W. McFarland. St. Anthony, Idaho, assignor to Easy Lift Lid Company, a corporation of Utah
Application July 6, 1937, Serial No. 152,239
4 Claims. (Cl. 220—43)



1. An attachment for can closures, a closure having approximately diametrically opposite apertures in its side, a lever projecting through each aperture, means for pivotally mounting each lever, a handle comprising a tubular member slotted longitudinally, pins extending transversely at the inner ends of the levers into said slot and slidable therein as the handle is raised and lowered for moving the outer ends of the levers in contact with the top of a container in which the closure is seated.

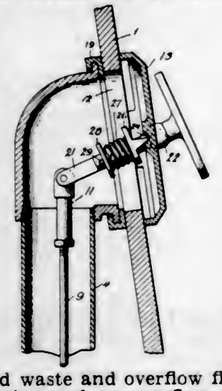
2,122,619
DENTAL INSTRUMENT
John F. McMath, Oakland, Calif.
Application September 5, 1936. Serial No. 99,613
11 Claims. (Cl. 15—167)

1. A dental instrument comprising a tool including a head having edge extremities, a handle having a portion extending past one extremity and positioned between opposite extremities joining said one extremity, and means confined substantially between said opposite extremities for connecting said tool and said handle for limited relative pivotal movement therebetween, the limits of movement being such as to preclude re-



versal of the position of said handle and to cause said handle portion to extend always past said one extremity, the handle having a part adjacent said one extremity to cooperate with such extremity in providing shield means for precluding pinching of mouth membranes within the limits of relative movement between said handle and said tool.

2,122,620
WASTE AND OVERFLOW FITTING
Gunnar B. Nystrom, Cleveland, Ohio, assignor to The Republic Brass Company, Cleveland, Ohio, a corporation of Ohio
Application November 3, 1937, Serial No. 172,639
1 Claim. (Cl. 4—199)

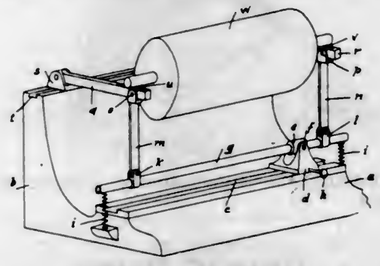


A combined waste and overflow fitting including a waste pipe and an overflow pipe, a valve for controlling the discharge through said waste pipe, a valve actuating link connected with said valve and extending upwardly through said overflow pipe, a plate disposed over the upper end of said overflow pipe, a valve operating lever pivotally mounted in said plate and operable from the exterior thereof and connected with said link, a member slidably mounted on said lever and having a knife edge, the inner face of said plate having a groove therein receiving said knife edge, and a spring urging said member outwardly and serving to hold said lever in either of two positions.

2,122,621
BALANCING MACHINE WITH ROCKING AXIS ADJUSTABLE AT WILL
Carl Ohly, Darmstadt, Germany
Application January 8, 1936, Serial No. 58,212
In Germany January 16, 1935
8 Claims. (Cl. 73—51)

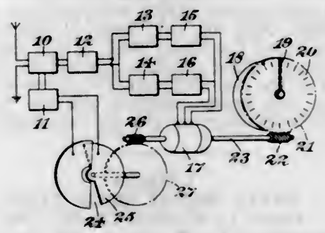
1. In a balancing machine, a base having a wall along one edge thereof, there being slideways formed in said base and wall, a slide arranged in the base slideway, a rod pivotally and slidably associated with said slide to permit rocking movement of the rod at any point of adjust-

ment of the slide, spring means interposed between the base and the end portions of the said rod, a pair of slides in the wall slideway, and members pivoted to each of the last mentioned slides and extending outwardly over the rod, a



supporting element pivotally connected at one end to the other portion of each of said members and at its opposite end being slidably and pivotally connected to said rod, said members being provided with means for receiving a body to be tested.

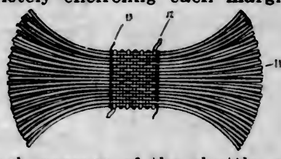
2,122,622
INDICATING APPARATUS
James Robinson, London, England
Application November 13, 1936, Serial No. 110,771
In Great Britain November 14, 1935
9 Claims. (Cl. 73—4)



5. In apparatus for correcting the zero reading of an altimeter, the combination with cooperating elements affording a visual indication, said elements being relatively movable in response to variation in barometric pressure, of means for automatically effecting an auxiliary relative movement of said elements to a position determined by the frequency of a transmitted signal, said means comprising a signal receiver including two resonant devices tuned to different frequencies, mechanism controlled by the outputs of said resonant devices for effecting relative movement of said elements in different directions in response to predominance of the output from one resonant device or the other, and means controlled by the outputs of said resonant devices for automatically adjusting the tuning of the receiver in the direction to equalize such outputs.

2,122,623
METHOD OF MANUFACTURING MOPS AND THE LIKE
Paul M. Rogers, Hastings on Hudson, N. Y.
Application February 17, 1937, Serial No. 126,259
1 Claim. (Cl. 28—1)

The method of manufacturing mops of the type comprising two groups of ends secured at their central portion by a transverse woven filler strand which comprises the steps of arranging a multiplicity of moisture absorbent warp yarns in parallel side to side relationship, weaving said warp yarns with a single continuous filler strand so as to enclose each of said warp yarns within the convolutions of said filler strand, said filler strand contacting each of said warp yarns at least at alternate passages of the shuttle during weaving, and completely encircling each marginal warp



yarn at each passage of the shuttle, advancing said warp yarns without weaving for a distance greater than that woven, cutting said warp yarns parallel to said filler strands at a point midway between adjacent woven portions and finally securing both ends of said filler strands against unravelling by sewing them to said warp yarns in a direction normal to said warp yarns while the warp strands are maintained in straight alignment.

2,122,624
ROAD TORCH
Henry J. Sauer, Fairfield, Conn., assignor to The Kilborn-Sauer Company, Fairfield, Conn., a corporation of Connecticut
Application December 19, 1935, Serial No. 55,137
2 Claims. (Cl. 67—55)

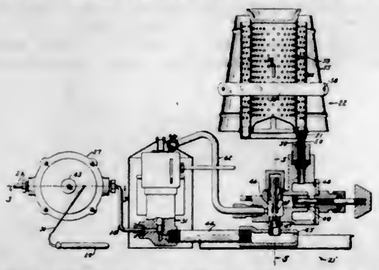


1. In a torch burner, a wick holder, a flame guard carried by said wick holder having a side wall and a top wall, said side wall having at its lower portion a plurality of circumferentially spaced inwardly pressed portions extending to the lower edge of the guard, the upper edges of said inwardly pressed portions being severed from said side wall forming a plurality of flame emergence openings having radially spaced outer and inner edges, the spaced radially inward portions of said side wall adjacent said lower edge being directly engaged with said wick holder and there being openings between the spaced radially outward portions of said side wall adjacent said lower edge and the wick holder for the entrance of air.

2,122,625
FUEL CONTROL MEANS
Harry C. Shagaloff, Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application August 21, 1934, Serial No. 740,757
3 Claims. (Cl. 158—38)

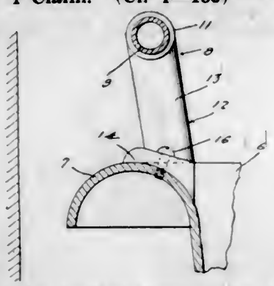
1. A liquid fuel burner including a float chamber, a burner well, means including a vertically extending tube having its upper and lower ends communicating with said burner well and float chamber, respectively, a reservoir for liquid fuel, a conduit for conducting liquid from said reservoir, a valve in said conduit, means including a thermostat for operating said valve, means con-

necting said conduit to said float chamber to provide the only passage for conducting liquid fuel to the latter and including a capillary passage for preventing liquid surge upon operation of said valve, a float operated valve for con-



trolling admission of liquid fuel to said float chamber responsive to level of liquid in the latter, and a wick in said burner well having at least a portion thereof in the path of flow of liquid in said tube for maintaining a flame upon decrease in level of liquid in the latter.

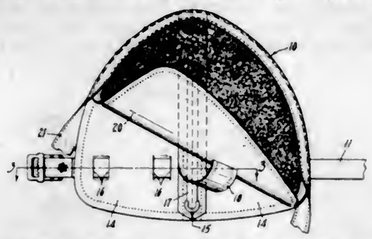
2,122,626
HANDRAIL FOR BATHTUBS
Hiram P. Smith, West Yarmouth, Mass.
Application June 26, 1937, Serial No. 150,604
1 Claim. (Cl. 4—185)



A handrail for bathtubs comprising a pair of bases each having the under face thereof arcuately curved to match the curvature of a topping flange of a bathtub and provided with openings to receive fasteners for detachably securing the base on the topping flange with the top face of the base inclining upwardly and outwardly from the interior of the tub, substantially L-shaped tubular standards formed integral with the top inclining faces of the bases and including upwardly and outwardly inclined portions lying in a plane substantially with the plane of the side wall of the tub, and horizontally disposed portions extending parallel with the topping flange outwardly of the interior of the tub and having internal screw threads, and a tubular rail having screw threaded ends threaded in the horizontal portions of the standards and positioned thereby to overlie the topping flange of the tub and in spaced relation thereto and outwardly of the interior of the tub.

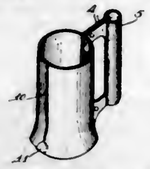
2,122,627
PROTECTOR
Howard C. Sternberg, Akron, Ohio
Application March 31, 1937, Serial No. 134,040
2 Claims. (Cl. 2—22)

1. A knee protector comprising a flexible padded structure that is longitudinally arcuate in a portion, at least, of its structure, and a resilient, longitudinally arcuate stay in said structure extending longitudinally thereof and yieldingly



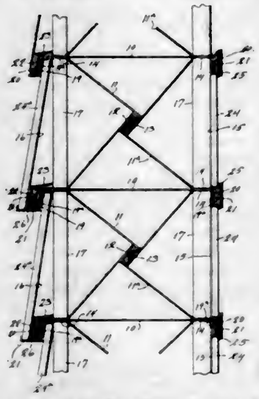
maintaining the longitudinally arcuate shape thereof.

2,122,628
CONTAINER HOLDER
Atlee H. Tracy, Chicago, Ill.
Application August 15, 1936, Serial No. 96,167
9 Claims. (Cl. 65—61)



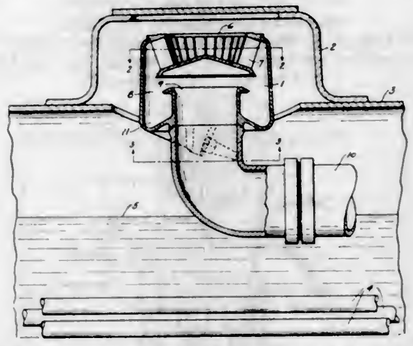
1. A can holder comprising an expansible tubular member constructed and arranged to be telescoped downwardly over a beverage can whereby the upper edge of the member automatically engages under the upper bead of the can to support the can while drinking therefrom, the lower portion of the member being of a diameter greater than the bead engaging portion to enable resilient telescoping movement over said can.

2,122,629
SHEET METAL STRUCTURE
Frank C. Watson, Chester, Pa.
Application May 13, 1937, Serial No. 142,450
16 Claims. (Cl. 189—34)



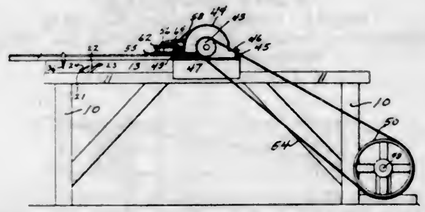
16. A sheet metal structure formed to provide courses, each course comprising a plurality of sheets folded upon themselves at their outer ends and thus providing a series of beads, panels disposed between said beads, and clips extending over said beads and bearing against the edges of the panels to hold them in place.

2,122,630
STEAM SEPARATOR
Arthur Williams, Munster, Ind., assignor to The Superheater Company, New York, N. Y.
Application January 23, 1937, Serial No. 122,038
4 Claims. (Cl. 122—491)



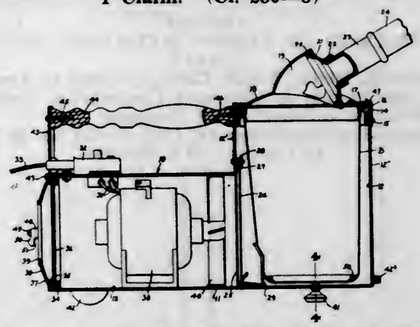
1. In a separator so placed with relation to a boiler and so connected to it that steam from the boiler on its way to the point of use flows through the separator and the water separated out by the separator is delivered through a duct to the steam space of the boiler, a nozzle at the outlet of said duct, said nozzle having the shape of a Venturi tube.

2,122,631
PROPELLER SHAPING MACHINE
John R. Albers, Sioux City, and Gerhard H. Albers, Cherokee, Iowa, assignors to Wincharger Corporation, Sioux City, Iowa, a corporation of Minnesota
Application October 28, 1935, Serial No. 47,190
5 Claims. (Cl. 144—134)



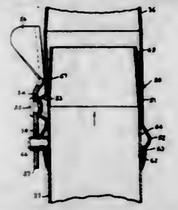
2. A pitch cutting machine comprising a channel, a carriage received within the channel, means for attaching a blank wood strip to the carriage, and means for cutting a propeller pitch on said blank strip mounted on said channel including a horizontal cutting member mounted on said channel, said carriage being sloped downwardly across its width on the upper surface thereof, said slope being the same as the pitch to be cut, and said carriage being higher at its forward end to accommodate the tapering thickness of a propeller blade, means for dropping said carriage below the level of said cutting blades when above the hub portion of the propeller including a pair of opposed guide members, a rotatable shaft attached at the inner end of said carriage, extensions eccentrically mounted on said shaft and received within the guide members, a trip member attached to said shaft and to one of said extensions, a pin attached inwardly of said channel adapted to force said trip member pivotally about said shaft to cause the shaft to drop during forward movement of the carriage.

2,122,632
VACUUM CLEANER SUPPORT
Berry A. Baxter, Altadena, Calif.
Application January 10, 1936, Serial No. 58,492
1 Claim. (Cl. 280—8)



A vacuum cleaner housing having a plane bottom, said housing being wider at one end than at the other end, an axle at each side of the housing on the narrow portion thereof, a wheel supported on each of said axles to support the bulk of the weight of the housing, the outer surface of said wheels being substantially in alignment with the outer surface of the wider portion of the housing, a guard about each wheel, each of said guards including a main body portion extending parallel to the sides of the housing, each of said guards including a front end portion engaging the housing and slanting in a forward direction relative to the housing so as to prevent interference with forward movement of the housing on contact with an object and to prevent damage to objects contacted, said housing also including a pair of skids mounted on the lower surface of the wider portion of the housing and adjacent the center of the wider portion, one of said skids being disposed at each side of the housing, said skids having their outer surfaces disposed within the plane of the sides of the wider portion of the housing and rounded whereby they glide easily onto the loose edges of rugs without requiring lifting of the housing to avoid catching.

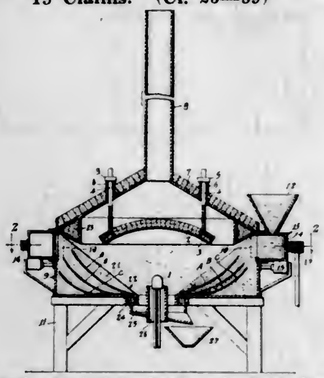
2,122,633
VACUUM CLEANER CONDUIT
Berry A. Baxter, Altadena, Calif.
Application September 16, 1936, Serial No. 101,047
2 Claims. (Cl. 285—172)



1. In a vacuum cleaner, a conduit, a handle member comprising a plurality of lengths of hollow tubes, said tubes including inner and outer telescoping end portions, said inner end having a bead therein, said outer end having a peripheral outwardly extending bead adjacent to the bead on the inner portion, said outer end having a boss thereon, a locking lever pivoted on said boss, said inner tube having a post thereon, said outer tube having a straight slot in said boss receiving said post, said lever including a

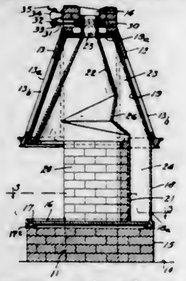
hand engaging portion at one end and including a transversally extending notch spaced on the other end of said lever receiving said post.

2,122,634
METHOD OF FUSING HYDRATED SUBSTANCE
Leroy G. Black, Trona, Calif., assignor to American Potash & Chemical Corporation, Trona, Calif., a corporation of Delaware
Application September 16, 1935, Serial No. 40,724
15 Claims. (Cl. 23—59)



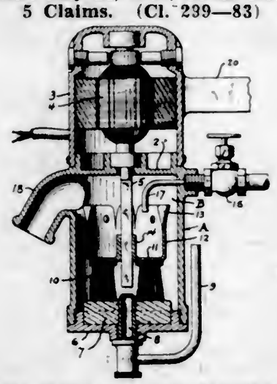
7. A method of dehydrating hydrated sodium tetraborate, which comprises initially calcining the material to partially dehydrate the same to between the limits of $Na_2B_4O_7.5H_2O$ and $Na_2B_4O_7.H_2O$, thereafter passing the material down a sloping embankment of tetraborate material, radiating heat against said sloping embankment to drive off water of hydration from said material until the material is reduced to the molten state, preventing distillation and condensation of water into and upon the substance forming the sloping embankment by maintaining an impermeable diaphragm in said embankment, below the normal surface thereof and withdrawing the molten material from the embankment as it reaches the molten condition.

2,122,635
ROTARY FIREPLACE
David T. Borgstrom, Los Angeles, Calif.
Application September 27, 1937, Serial No. 165,815
6 Claims. (Cl. 126—125)



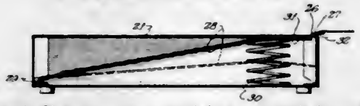
2. In combination, a building structure including rooms separated by an upstanding partition with an opening through it and a hood over said opening, said partition having a flue leading upwardly from the space occupied by said hood, and a fireplace in said opening, said fireplace having a top portion which communicates with said flue, said top portion being positioned to direct heat against the inner surface of said hood, and said hood having an open grill work to allow the heat to pass freely therethrough.

2,122,636
SOAP DISPENSING DEVICE
Frank J. Cantrell, San Anselmo, Calif.
Application July 14, 1937, Serial No. 153,587
5 Claims. (Cl. 299—83)



1. A device of the character described comprising a casing having a chamber formed therein, a soap receptacle in the chamber to contain a cake of soap, a revolving brush engaging the cake of soap, means for introducing water to form a lather, means for directing air upwardly between the bristles of the brush to be beaten into the lather by the bristles as they rotate, and a discharge outlet for the lather.

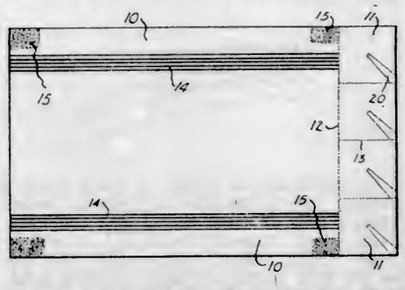
2,122,637
PAPER DISPENSER
Bearl E. Colburn, Green Bay, Wis.
Application October 19, 1936, Serial No. 106,268
Renewed March 11, 1938
1 Claim. (Cl. 312—61)



A sheet dispenser comprising a container having an upwardly swinging top member somewhat shorter than said container to provide a withdrawal slot, there being a finger notch in the edge of said cover member adjacent said slot; means for releasably locking said cover member in closed position; an upwardly pressed downwardly yielding support pivotally mounted therein adapted and arranged to support a stack of sheets and yieldingly press the uppermost sheet upwardly against said top member, said support being hinged in the lower portion of said container at the side opposite said withdrawal slot and arranged to swing upwardly and downwardly therein, the swinging edge of said support being flattened to assume substantially horizontal position when elevated; an upwardly and outwardly extending curved lip at the side of said container adjacent said slot arranged with the lower portion of its curve opposite and on a line horizontal with the edge of the uppermost sheet and the flat side of the container opposite the edge of the next lower sheet thereby permitting the withdrawal of the uppermost sheet but stopping the withdrawal of the next

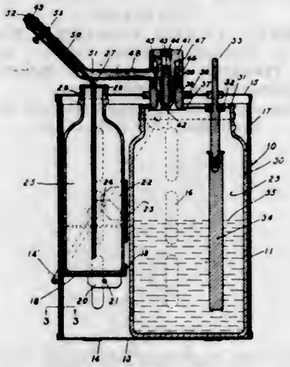
sheet; and a guide projection in said container adapted and arranged to engage corresponding notches in a stack of sheets on said support.

2,122,638
BOOK COVER PROTECTOR
Leslie L. Douglas, Dallas, Tex.
Application June 14, 1935, Serial No. 26,605
3 Claims. (Cl. 281—34)



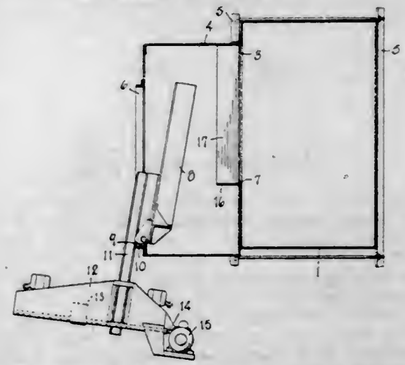
1. A corner reinforcing tab having a substantially square shape and having a slot extending from one corner to its center formed therein, the tab having one side coated with adhesive and being adapted to be folded along diagonal lines around the corner of a book cover.

2,122,639
DIFFUSER
Amiel L. Faiver, Buena Park, Calif., assignor to Diffuser Corporation, Fullerton, Calif., a corporation of California
Application July 22, 1936, Serial No. 91,862
1 Claim. (Cl. 299—87)



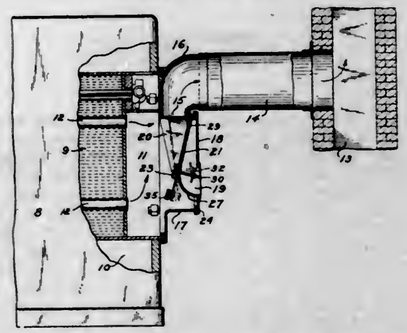
In a diffuser, a chemical holding vessel, a steam generating device, said steam generating device including a receptacle, a lid on said receptacle, a discharge tube on said lid, a sleeve removably mounted on said tube, a closure member threaded within said tube and having a flange thereon engaging said sleeve to normally prevent removal of the sleeve, said tube having apertures therethrough, said sleeve having a nozzle therein communicating with said apertures, an injector tube extending into said vessel, said injector tube piercing said nozzle intermediate the length of the nozzle, said injector extending into and along the interior of said nozzle, said nozzle having an outlet, the diameter of said outlet being greater than the exterior diameter of said injector tube.

2,122,640
DRAFT STABILIZER
Edward A. Field and Edward A. Field, Jr., Chicago, Ill.
Application July 26, 1935, Serial No. 33,242
5 Claims. (Cl. 236—45)



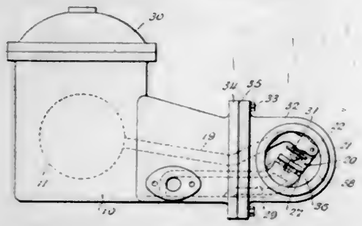
5. In a draft stabilizer, the combination with a breeching having a side opening therein, of a stabilizer housing having an inlet opening in its front wall provided with a draft responsive inlet gate and an outlet opening in its rear wall registering with said breeching opening, and a plurality of substantially parallel louvers within said housing with their rear edges closely adjacent to the breeching opening, the louvers being inclined toward the breeching and in the direction of flow within the breeching.

2,122,641
DRAFT REGULATOR
Herman C. Frentzel, Jr., Milwaukee, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application November 9, 1935, Serial No. 48,960
4 Claims. (Cl. 236—45)



4. A unitary draft regulator for a combustion chamber, comprising, a closure member for the outlet end of the combustion chamber, said member having an opening shielded by a fixed wall formed integral with said member and also having integral laterally spaced side walls extending inwardly away from said opening, a damper pivotally suspended from said member near the inner end of said fixed wall and swingable between said side walls to control the admission of air through said opening, and adjustable regulating means for said damper housed within said member and being accessible for adjustment from the outside through said opening.

2,122,642
CONDUIT FOR STEAM CONDENSATE
Gustav F. Gerdts, Bremen, Germany
Application September 2, 1936, Serial No. 99,050
In Germany January 10, 1936
4 Claims. (Cl. 137—102)



2. In a device for removing a condensate, the combination with a valve mechanism; of a casing entirely enclosing said valve mechanism, said casing being substantially narrow, longitudinally elongated and having a substantially uniform longitudinal cross section to guide the condensation water in an even, uniform column, a transparent member in the wall of said casing for inspecting said column, said member being mounted centrally opposite the operative surfaces of said valve mechanism and extending parallel to said column and to the central axis of said valve mechanism, the interior surface thereof being flush with the interior surface of said casing.

2,122,643
SWITCHING KEY
Raymond E. Golemb, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a corporation of New York
Application August 28, 1937, Serial No. 161,489
9 Claims. (Cl. 200—1)

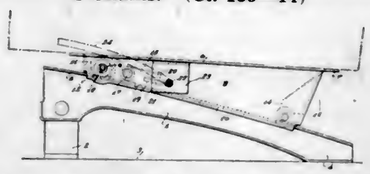


1. In a key assembly, a frame provided with a guide, a plunger mounted in said guide, one end of said plunger being tapered, contact elements supported on said frame in operative relation to the tapered end of said plunger, at least one of said contact elements being shiftable by said tapered end, means on said frame for guiding said plunger for longitudinal movement only therein, additional means on said frame for guiding said plunger for rotation only therein, and means on said plunger selectively engageable in either of said guiding means.

2,122,644
PROCESSES OF PREPARING HIGH MOLECULAR WEIGHT PRIMARY AMINES
James Harwood, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application October 8, 1936, Serial No. 104,708
14 Claims. (Cl. 260—127)

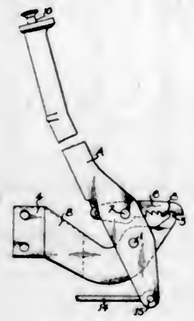
1. In the process of reducing aliphatic nitriles having at least six carbon atoms with sodium and an alcohol, the step which comprises reacting the nitrile with the sodium and the alcohol while in the presence of toluence as an inert solvent for the nitrile and alcohol.

2,122,645
ADJUSTABLE VEHICLE SEAT
Rex C. Jacobs, Detroit, Mich.
Application June 15, 1936, Serial No. 85,343
4 Claims. (Cl. 155—14)



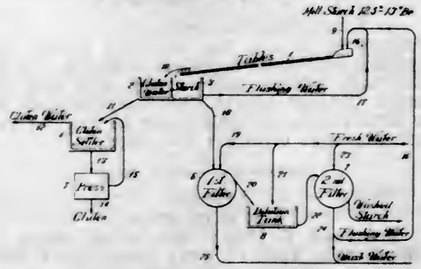
1. In combination, a pair of sheet metal guide members having flanges extending lengthwise thereof, a pair of sheet metal seat brackets, fore and aft rollers rotatably mounted on said brackets and having rolling contact with the top surfaces of said flanges, means uniting said fore rollers whereby they rotate in unison, said flanges having series of apertures therein and constituting racks, said fore rollers having radial projections thereon adapted to mesh with respective racks, flanges on said brackets extending beneath the guide flanges and maintaining said rollers in rolling contact with the top surfaces of the guide flanges and said radial projections in mesh with said racks, a latch member pivotally mounted on one of said brackets adjacent its fore roller, spring biasing means normally holding said latch in engagement with the rack with which the adjacent fore roller meshes, and manual means for retracting said latch from engagement with said rack.

2,122,646
BRAKE LEVER CONSTRUCTION
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application October 23, 1936, Serial No. 107,237
2 Claims. (Cl. 74—541)



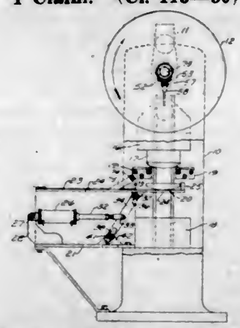
1. Brake lever construction including a bracket, a brake lever pivoted to said bracket, said bracket having an upstanding part constituting a pawl or dog, a ratchet bar pivoted between its ends to the lever in unbalanced relation with its teeth in the path of said pawl or dog and normally engaging said pawl or dog with gravital action, and means connected to one end of said ratchet bar for unlatching it from said pawl, the other end of said bar being free.

2,122,647
STARCH TABLING PROCESS
Frederick L. Jefferies, La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Original application April 26, 1933, Serial No. 668,095. Divided and this application December 12, 1934,, Serial No. 757,179. Renewed May 23, 1938. In Canada April 5, 1933
7 Claims. (Cl. 127—69)



2. In the manufacture of starch from corn: the improvement which consists in tabling the mill starch at a density between 8° Baumé and 15° Baumé, delivering the same to the table heads at a rate (in the case of tables 110 feet long, 2 feet wide) varying from substantially 2.5 gallons per minute per table for an 8° Baumé density to 1.2 gallons per minute for a 15° Baumé density; with the tables pitched at an inclination of 5 inches, from end to end, for a density of 8° Baumé varied to 12 inches for a density of 15° Baumé.

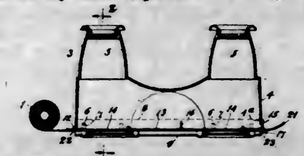
2,122,648
WORK REMOVER
Stanley N. Johnson, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application August 22, 1935, Serial No. 37,290
1 Claim. (Cl. 113—50)



In a work removing device, a base, a supporting member secured to said base, a conveyor table reciprocably carried by said supporting member, an arm pivotally secured at one end to said table and having at its other end a lost motion pivotal connection to said base, a piston, a connecting rod connected to said piston and secured to said arm intermediate its ends, and means for alternately applying fluid pressure to each end of said piston to alternately reciprocate said table in opposite directions.

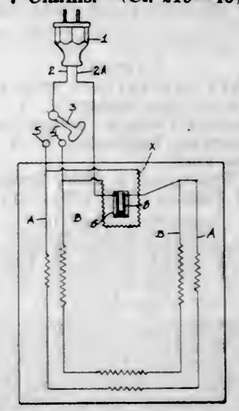
2,122,649
STEREOSCOPIC VIEWER
Milton Kahn, New York, N. Y.
Application April 12, 1937, Serial No. 136,372
4 Claims. (Cl. 88—31)

2. A hand held device for viewing in still state a series of stereoscopic images upon a perforated film tape, the device having a casing forming binoculars for said images, the device having a plate and a frame for receiving and guiding the film between them, said plate and frame having registering windows for the images, means on said plate to support said frame for slidable movement inwardly into a position of registry of said



windows and outwardly from the device, means for limiting the movement of said frame to a stroke corresponding to the required extent of advancement of the film, and said frame having a projection adapted to engage a perforation of the film to therewith advance the film when the frame is slid outwardly for obtention of the successive views thereof.

2,122,650
ELECTRIC HEATING PAD
Alvin D. Keene, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.
Application October 15, 1937, Serial No. 169,312
7 Claims. (Cl. 219—46)



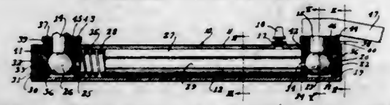
1. In a heating pad the combination of two electric master heating units, a single thermostat for the control of said master heating units jointly connected in series therewith, an auxiliary heating unit positioned for control of the operation of said thermostat and connected between one terminal of one of said master heating units and one terminal of the other of said master heating units, one of said master heating units having a higher wattage than the other of said master heating units, and said auxiliary heating unit having a relatively small wattage.

2,122,651
PROCESS OF PREPARING THYMONUCLEIC ACIDS
Havard L. Keil, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application June 29, 1936, Serial No. 88,030
7 Claims. (Cl. 260—34)

1. The process of preparing thymonucleic acids which includes the steps of subjecting glandular

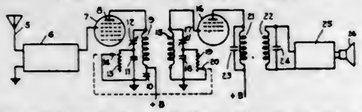
material containing nucleic acids to alkaline hydrolysis to form a reaction mixture containing nucleic acid salts and then treating said mixture with sulfuric acid.

2,122,652
LINK
Carl F. Lautz and Ralph F. Peo, Buffalo, N. Y., assignors to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application November 16, 1935, Serial No. 50,085
7 Claims. (Cl. 74—579)



4. A link comprising a tubular metal housing having a pair of oscillatory stud joints formed near the ends thereof, said joints including inner disk seating members slidable in the housing, a spacer member slidable in the intermediate portion of said housing and a single coiled spring held under compression between said spacer member and one of said inner disk members whereby said disk members are urged in bearing engagement against the studs of the joints, openings extending through the inner disk members, and means for supplying lubricant to the intermediate portion of said housing for travel through said openings to lubricate the joints.

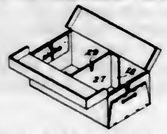
2,122,653
WAVE SIGNALING SYSTEM
Maurice L. Levy, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a corporation of New York
Application September 5, 1935, Serial No. 39,283
3 Claims. (Cl. 179—171)



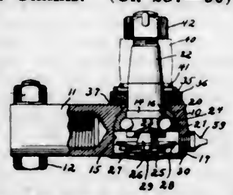
2. In an arrangement for effecting the uninterrupted adjustability of the selectivity of a radio receiver provided with an amplifier, said amplifier including a primary resonant circuit and a secondary resonant circuit coupled together, each circuit comprising an inductor connected in series with two capacitors, and means for adjusting the total effective capacitance of the capacitors in each circuit including an adjustable resistor connected in shunt of one of said capacitors.

2,122,654
SHIPPING CONTAINER
Orva O. Nickerson, Fort Wayne, Ind., assignor to Fort Wayne Corrugated Paper Company, Fort Wayne, Ind., a corporation of Indiana
Application October 5, 1936, Serial No. 103,983
1 Claim. (Cl. 229—33)

A shipping container comprising bottom, side and end walls, the ends of the side walls being provided with integral flaps folded inwardly to substantially abut to form end walls, reinforcing flaps integral with said first-named flaps and folded back thereupon to reinforce the same, said reinforced flaps substantially abutting except at the upper portions thereof and being spaced apart at their upper portions to form downwardly extending slots, the ends of the bottom wall being provided with integral flaps folded upwardly to overlap said reinforced flaps further to reinforce the end walls, said end walls having hand holds extending through the combined thickness of the side wall flaps, the reinforcing flaps, and the upturned bottom wall end flaps, and cover members hinged to the side walls and having downturned side and end flanges, the side flanges being adapted to fit into the downwardly extending slots in the end walls when the cover members are closed.



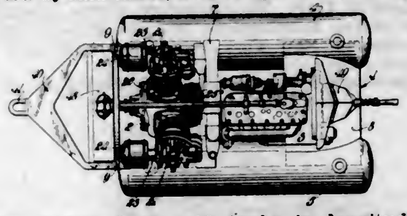
2,122,655
TIE ROD END
Raymond W. Niles, Ann Arbor, Mich.
Application April 11, 1935, Serial No. 15,836
2 Claims. (Cl. 287—90)



1. A tie rod end member including a body portion having a passage therethrough, said passage being enlarged for the greater portion of its length and shaped at the inner end of the enlarged portion to form a hemispherical seat having a central opening, a hemispherical bearing member seated in said hemispherical seat and provided with a concentric opening, a stud extending through said second opening and from the smaller end of said passage, the inner end of said stud being provided with a circumferential race for anti-friction elements, said stud fitting closely in said member but being of sufficiently less diameter than the adjacent end of said passage to permit angular movement, anti-friction elements between the enlarged end of said stud and the adjacent inner wall of said member to permit free rotation of said stud, means for closing the enlarged end of said passage and means for exerting thrust against the enlarged end of said stud to maintain the stud, anti-friction elements, and hemispherical member in proper relation to each other and to the hemispherical seat, said thrust exerting means having substantially a point contact with the lower end of the stud at approximately the center point of the hemispherical member.

2,122,656
AIR COMPRESSOR UNIT
Win W. Paget, Michigan City, Ind., assignor to Sullivan Machinery Corporation, a corporation of Massachusetts
Application August 2, 1935, Serial No. 34,414
3 Claims. (Cl. 230—235)

1. In an air compressor unit, a pair of fuel and air receiver tanks arranged in parallel side by side relation, cross connecting braces connecting the same, a resilient wheel axle mounting extending transversely beneath said tanks for supporting the latter and mounted upon one of said cross connecting braces, a compressor supported by said tanks, and a compressor driving engine supported by said tanks, said compressor and engine being mounted on said tanks in longitudinal spaced relation respectively at opposite sides of said axle mounting.

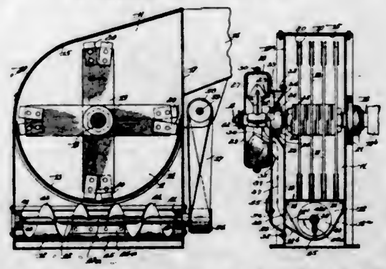


2,122,657
ILLUMINATED SIGN
William B. Piper, Memphis, Tenn., assignor to Gasmold Sign Corporation, Memphis, Tenn., a corporation of Tennessee
Application May 14, 1935, Serial No. 21,464
7 Claims. (Cl. 176—14)



1. A molded glass sign comprising a front and back panel fused together along their contacting faces, a character channel molded in the front panel, an electrically conductive gas in the channel, and an electrode channel molded in the back panel, an electrode in the electrode channel, and a conducting wire connected to the electrode and located between the contacting faces of the front and back panel.

2,122,658
HAMMER MILL
Ward H. Preston, Shortsville, N. Y., assignor to Papec Machine Company, Shortsville, N. Y., a corporation of New York
Application February 17, 1936, Serial No. 64,231
6 Claims. (Cl. 83—11)

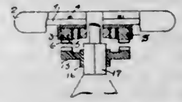


3. In a grinding machine, a housing having a grinding chamber, grinding means within said chamber including a rotary element, an operating shaft for the rotary element extending from the housing at one side thereof, a fan on said shaft including a casing spaced from the housing, a receiving chamber for the ground material disposed beneath said grinding chamber and having an outlet disposed substantially midway between its ends, a conduit extending upwardly from the receiving chamber between the casing and the housing and discharging to said casing through the inner wall thereof, and means within the receiving chamber for discharging the ground material therefrom into said conduit, said means including parts for moving the material from the opposite ends of said chamber toward said outlet.

2,122,659
PROCESS OF CONCENTRATING ORES
Anderson W. Ralston and William O. Pool, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application May 11, 1937, Serial No. 142,017
6 Claims. (Cl. 209—166)

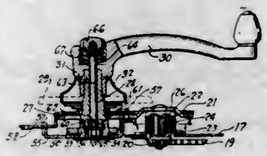
1. The method of froth concentrating ores which comprises admixing with an aqueous ore pulp a small amount of a mixture of straight-chain saturated and unsaturated aliphatic hydrocarbons containing from five to fourteen carbon atoms and at least one unsaturated aliphatic carboxylic acid having from three to ten carbon atoms, adding an alkali solution to the pulp to convert said carboxylic acid to an alkali metal salt thereof, and then separating a concentrate rich in the desired mineral values.

2,122,660
MEANS FOR PREVENTING AN UNDESIRED BACKWARD MOVEMENT OF MOTOR VEHICLES
George W. Read and Frederick J. Eisler, Forest Hills, N. Y., assignors to Read-Eisler Corporation, New York, N. Y., a corporation of New York
Application March 3, 1934, Serial No. 713,804
6 Claims. (Cl. 188—30)



1. A means for preventing an undesired backward movement of motor vehicles which consists of a gear member supported by and normally rotatable with the wheel of a vehicle; a second gear adjacent to said first mentioned gear and adapted to be moved into engagement with said first gear and means for allowing the wheel to operate freely in one direction only when said gears are engaged.

2,122,661
COMBINED WINDOW REGULATOR AND DOOR LATCH OPERATOR
Holden W. Rightmyer, Toledo, Ohio, assignor to The American Swiss Company, Toledo, Ohio, a corporation of Ohio
Application December 23, 1935, Serial No. 55,734
4 Claims. (Cl. 268—126)



1. In a device of the class described having a window regulator provided with a spring clutch

having a limited amount of lost motion and a door latch, a gear for operating the regulator through the clutch, a regulator operator having a gear constantly in mesh with said first gear, a handle fixed to said regulator operator, a door latch operator adjacent said regulator operator, a connector operable independently of said handle from a point adjacent said handle for connecting said regulator and latch operators to enable conjoint movement thereof, thereby enabling operation of the latch through said lost motion without operating the regulator, said handle being mounted for rotational movement but held against movement in other directions.

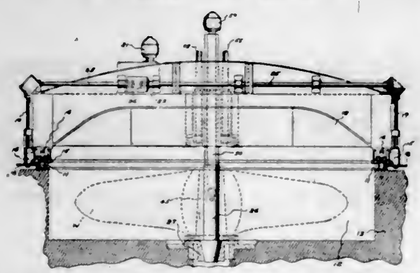
2,122,662

PROPELLER SURFACING MACHINE

John C. Shaw, Hartford, Conn., assignor to Niles-Bement-Pond Company, Hartford, Conn., a corporation of New Jersey

Application May 6, 1937, Serial No. 141,132

8 Claims. (Cl. 90—31)



1. A propeller surfacing machine comprising in combination, means to support a propeller in fixed position, a turret mounted for rotation coaxially with said propeller, a tool carriage movable substantially radially on said turret, a tool slide vertically movable on said carriage, a tracer supporting carriage on said turret, a vertically movable tracer therein, a model conforming to a plurality of arcuate contours of a blade and supported in fixed position below said tracer, means controlled by contact of said tracer with said model for raising and lowering said tool slide, means to oscillate said turret during operation of said tool, and means to move said tracer and tool slide in predetermined relation to each other.

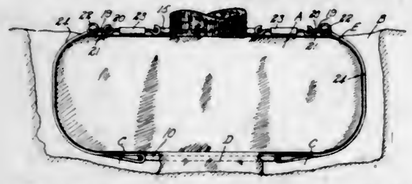
2,122,663

TREE BALL BINDER

John Simeone, Hartford, Conn.

Application October 16, 1937, Serial No. 169,391

5 Claims. (Cl. 55—119)



1. In a device of the character described, top and bottom rings, a plurality of segmental holding members intermediate of the rings, flexible means interconnecting one ring with said members, and adjustable tensioning means securing the other ring with said members.

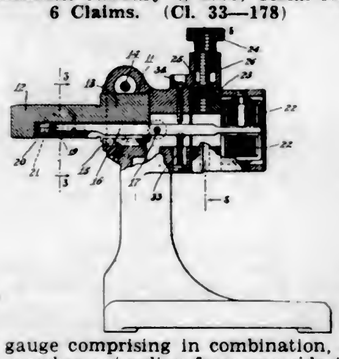
2,122,664

PRECISION GAUGE

Spencer B. Terry, West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y., a corporation of New Jersey

Application January 2, 1935, Serial No. 3

6 Claims. (Cl. 33—178)



1. A gauge comprising in combination, a support, a member extending from one side thereof adapted to engage the work piece being gauged, said member being detachably secured to said support, a lever pivotally mounted within said support and having a work piece contactor at its free end, clamping means for securing and releasing a detachable member to said support while said lever remains in its mounted position, indicating means associated with the opposite end of said lever and mounted on said support on the opposite side to the detachable member, and means to adjust said indicating means relative to said lever.

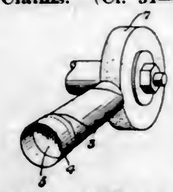
2,122,665

CONTAINER FOR POLISHING WHEEL COMPOSITION

Vernon J. Twyning, Grand Rapids, Mich., assignor to J. C. Miller Company, Grand Rapids, Mich., a corporation of Michigan

Application November 22, 1937, Serial No. 175,757

2 Claims. (Cl. 51—263)



1. The combination with a tubular container filled with a dressing composition for buffing or polishing wheels, of a tubular handle member rigidly secured to said container, a transverse partition extending across said handle member spaced a substantial distance from each end thereof, one end of said container being in contact with said partition.

2,122,666

WINDOW CONSTRUCTION

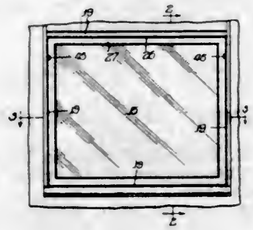
Christian M. Verhagen, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill., a corporation of Illinois

Application April 29, 1936, Serial No. 76,919

9 Claims. (Cl. 189—64)

3. In a double glass window, a fixed sash, a movable sash positioned against the fixed sash, compressible packing strips located between the

sash, and means for clamping the sash together on the packing strips comprising a locking device



which is shiftably mounted on one sash and has a bayonet pin-and-slot connection with the other sash.

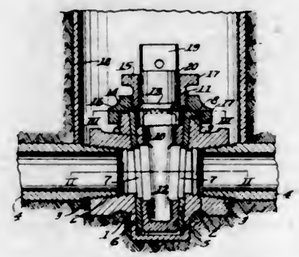
2,122,667

STOP VALVE

Homer J. Waddell, Baltimore, Ohio

Application January 4, 1937, Serial No. 118,935

3 Claims. (Cl. 251—103)



1. A service controlling valve for underground fluid mains comprising a valve body formed with a longitudinally extending passage and an intersecting perpendicularly extending tapered socket extending through the valve from top to bottom, a lining sleeve tapered to conform with the configuration of said socket and to closely engage the walls thereof, said sleeve being open at its upper end and provided with ports arranged in registration with the longitudinal passageway extending through the valve body, a tapered plug rotatably mounted in said lining sleeve and provided with a longitudinal port adapted to be brought into and out of registration with the ports in said sleeve and the passageway of said body through the rotation of the plug about its vertical axis, said plug being provided above the upper edge of said sleeve with an annular shoulder and an exteriorly projecting actuating stem, an inner ring-like clamping nut rotatably surrounding said actuating stem and contacting with said shoulder, an outer ring nut removably carried by said valve body, said inner nut being exteriorly threaded for engagement with threads internally formed in said outer ring nut whereby to removably retain said plug and lining sleeve in their operative positions within said body, the removal of said ring nuts from threaded engagement with said body serving to permit of the bodily removal of the plug and lining sleeve from said body without disturbing the applied position of the latter on the ends of a pair of communicating fluid pipes, and shouldered means formed with and serving to prevent rotation of said lining sleeve when operatively positioned within the valve body.

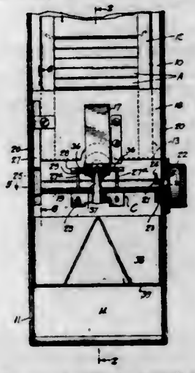
2,122,668

VENDING MACHINE

Ralph R. Westfall, Los Angeles, Calif., assignor to Robert A. Officer, Los Angeles, Calif.

Application February 4, 1937, Serial No. 123,997

12 Claims. (Cl. 194—2)



1. In a coin-controlled vending machine, an article magazine; and a uni-directional rotatably mounted carrier having means for supporting a coin to engage and discharge an article from the magazine in response to rotation of the carrier; said means including a finger forming an abutment to advance a coin into engagement with an article in the magazine as the carrier is rotated, and onto which a slug or coin having an opening therethrough is caused to be shifted and to gravitate along the finger so as to be carried thereby out of operative relation to the article following engagement thereof by the slug or coin during rotation of the carrier, the slug or coin being free to gravitate from the free end of the finger when the latter assumes a predetermined position during continued uni-directional rotation of the carrier.

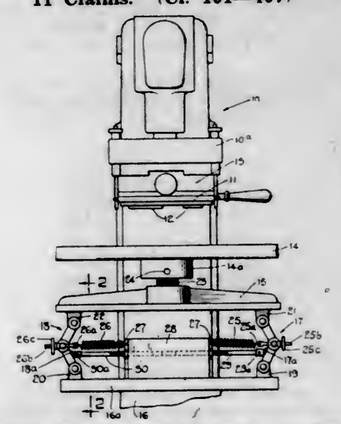
2,122,669

STAMPING PRESS

Arthur M. Wickwire, Jr., Nutley, N. J., assignor to Peerless Roll Leaf Co., Inc., Union City, N. J., a corporation of New York

Application September 14, 1935, Serial No. 40,514

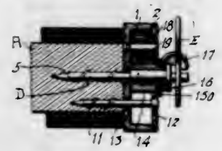
11 Claims. (Cl. 101—407)



1. The combination with a stamping device, of work-holder means comprising a stationary support, a work-holder member, yieldable means for

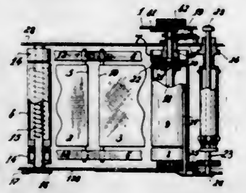
setting said work-holder member in adjusted supported relation to said stationary support, said yieldable means comprising spacially interrelated toggle elements and adjustable means for setting the angle of initial break of said toggle means.

2,122,670
SHADE ROLLER CHECK
James M. Wilson, Newark, N. J., assignor, by mesne assignments, to Shade Check, Inc., Newark, N. J., a corporation of New Jersey
Application December 15, 1936, Serial No. 115,897
3 Claims. (Cl. 156—36)



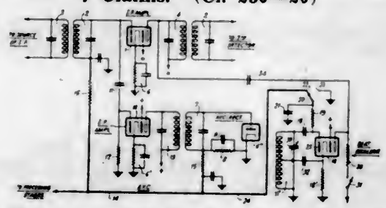
1. The combination with a spring actuated roller, of means for checking the roller upon rotation thereof under influence of its spring at a speed in excess of a predetermined limit, said means including a stationary member adjacent but spaced and separate from one end of the roller, a casing including a cup-shaped section having a central opening in its bottom, a trunnion pin fitted coaxially in said end of the roller and having a shoulder engaging the bottom of the casing to clamp the casing between itself and the end of the roller, a ratchet sleeve having a tooth mounted on said pin outwardly of said shoulder for relative rotation coaxially therewith and having a lateral projection adapted in one position to engage said stationary member, and a pawl pivoted on said casing to cooperate with said ratchet tooth and normally disengaged therefrom to permit rotation of said roller under influence of the roller spring at speeds below said limit, said pawl being actuated by centrifugal force into engagement with said tooth and said ratchet sleeve being thereby rotated to cause engagement of said lateral projection with said stationary member upon rotation of said roller at excessive speed to stop rotation of the roller.

2,122,671
CAMERA SHUTTER MECHANISM
Ludwig Leitz and Willi Stein, Wetzlar, Germany, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany
Application August 8, 1936, Serial No. 94,890
In Germany September 30, 1935
21 Claims. (Cl. 95—57)



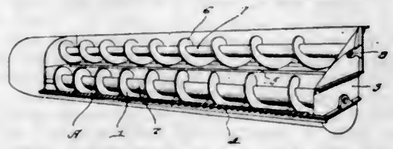
1. A shutter mechanism for cameras comprising two normally closed shutter curtains and devices for operating the same to produce an exposure opening of a predetermined width at the beginning of an exposure and automatically increasing the width of the opening during the exposure, said devices comprising means for releasing the curtains separately and successively to open the shutter and means for moving the opened curtains, one independently of the other, across the objective field of the camera at approximately the same acceleration of speed at equal points of their travel.

2,122,672
SIGNAL CONTROLLED SIREN OSCILLATOR CIRCUIT
Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 30, 1936, Serial No. 88,069
7 Claims. (Cl. 250—20)



1. In a superheterodyne receiver, an intermediate frequency amplifier, a second detector, a beat oscillator arranged to feed oscillations of a predetermined frequency equal to the operating intermediate frequency to a point in the receiver network between the intermediate frequency amplifier and the second detector, an automatic volume control circuit having a negative biasing connection to an electrode of said beat oscillator to control the operation of the latter, and means for impressing intermediate frequency energy upon the control circuit from a point in the receiver network preceding said first point.

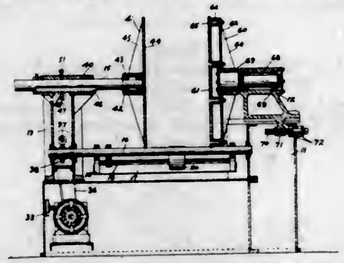
2,122,673
HARVESTER-THRESHER UNIT
Joseph O. Sheets, Chapman, Kans.
Application October 9, 1936, Serial No. 104,882
2 Claims. (Cl. 198—213)



1. The combination with a combined harvester-thresher unit including a pan and a helical conveyor in the pan, of an auxiliary helical conveyor mounted above and in parallelism with the conveyor and mechanically rotated for catching and forcing down into the lower conveyor cut material not caught by said lower conveyor, and a baffle plate for preventing cut material from rolling back up into the auxiliary auger.

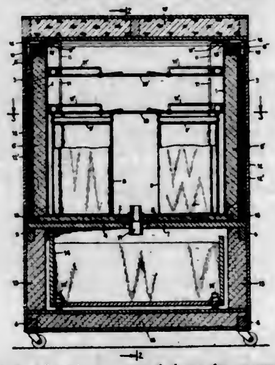
2,122,674
STRIP UNCOILER CRADLE
Ambrose J. Wardle, Youngstown, Ohio, assignor to The McKay Machine Company, Youngstown, Ohio, a corporation of Ohio
Application November 28, 1936, Serial No. 113,268
16 Claims. (Cl. 242—78)

9. A strip uncoiling device comprising means to rotatably support the coil, a pair of spaced parallel rotary guide members adapted to engage opposite edges of the coil, each guide member comprising a disk positioned above and to one side of the coil supporting means, said disks being



mounted for free rotation in planes parallel with the side edges of the coil.

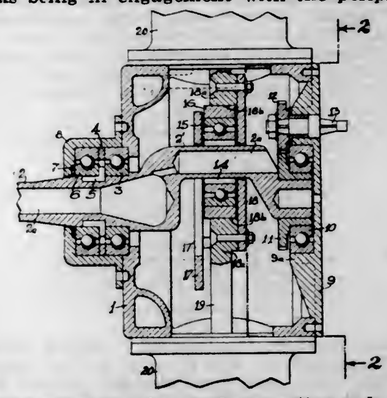
2,122,675
HOUSEHOLD REFRIGERATOR
Charles Whiting Baker, Montclair, N. J.
Application January 30, 1937, Serial No. 123,246
4 Claims. (Cl. 62—75)



1. An ice chest, comprising in combination, a cold chamber, refrigerating means in the bottom of the cold chamber, food storage shelves above said refrigerating means, a vent in the bottom of said cold chamber and means for continuously ventilating the interior of the cold chamber by a slow gravity flow of heavy cold air therein through said vent, said air flow extending from the top to the bottom of the cold chamber.

2,122,676
TRANSMISSION FOR PISTON AND CRANK-SHAFT ASSEMBLIES
Russell L. Bourke, Petaluma, Calif.
Application May 12, 1936, Serial No. 79,286
4 Claims. (Cl. 74—50)

1. In an engine having a plurality of opposed pistons and a crank shaft, transmission means for converting the reciprocating motion of the pistons into rotary motion of the crank shaft comprising a bearing member encircling the crank shaft, a pair of spaced bearing plates positioned on opposite sides of the bearing member, each having a centrally disposed elongated slot through which the crank shaft movably extends, the slots being positioned in planes positioned at right angles to each other, a pair of spaced blocks secured to the inner face of each bearing plate, each pair of said blocks having opposed surfaces lying in parallel planes, the said parallel surfaces of each pair of blocks being positioned in planes parallel to the longitudinal axis of the slot in the particular bearing plate to which its said blocks are secured, the said surfaces of the blocks being in engagement with the periphery



of the bearing member, and connecting rods converging substantially toward a common center connecting the pistons to the blocks.

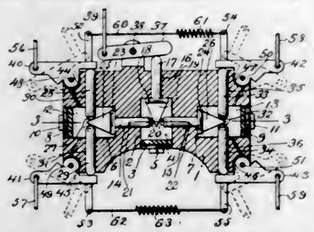
2,122,677
INTERNAL COMBUSTION ENGINE
Russell L. Bourke, Petaluma, Calif.
Application May 12, 1936, Serial No. 79,287
2 Claims. (Cl. 123—74)

2. In an engine, a cylinder having its both ends closed, and provided with fuel intake and exhaust means, a cylindrical liner for the cylinder having fuel intake ports and exhaust ports therein, a hollow piston in the cylinder having its inwardly disposed end open, the said piston dividing the cylinder into two chambers, a pair of spaced by-pass openings in the liner connected by channel means, a by-pass opening in the piston which is adapted to register with one of the by-pass openings in the liner when the said piston is in its extreme inward position, the other of the by-pass openings in the liner being opened when the piston is in said position, whereby fuel may proceed through the by-pass means from one of the cylinder's chambers to the other, and an exhaust manifold associated with the exhaust means, the said manifold extending around the cylinder directly adjacent the fuel by-pass means, whereby the fuel proceeding from one by-pass opening to another may be preheated by the gases of combustion passing through the exhaust manifold.

2,122,678
BRAKE MECHANISM
Alvin B. Bruce, Kansas City, Mo.
Application April 24, 1937, Serial No. 138,756
3 Claims. (Cl. 188—204)

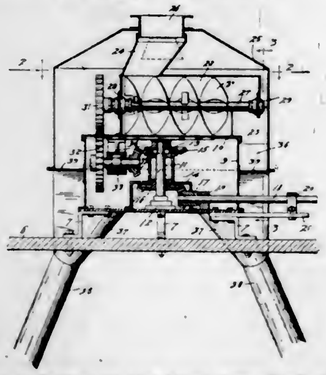
1. In a brake mechanism having two brakes for two wheels and having two connecting means for

respectively setting said brakes, the combination with said connecting means, of two members movable toward and from each other, a master wedge movable with said members and engaging and, when moved to the braking position, moving said members from each other, means for moving said master wedge to the



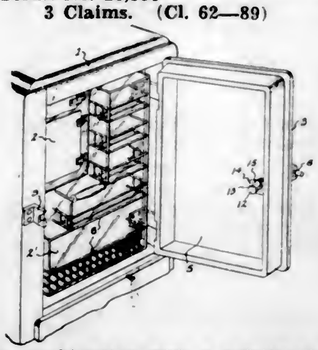
braking position, two auxiliary wedges respectively engaged by and movable to the braking position when said members are moved from each other, and means actuated by said auxiliary wedges when moved to the braking position for moving said connecting means respectively to the braking position.

2,122,679
MULTIPLE STREAM FEEDER
Robert J. S. Carter, Minneapolis, Minn.
Application September 2, 1936, Serial No. 99,064
6 Claims. (Cl. 83—44)



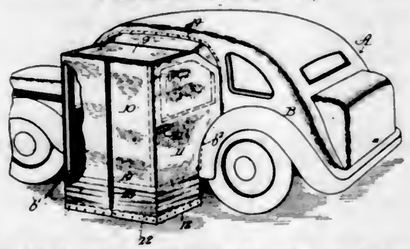
1. In a device of the kind described, the combination with a cylindrical gear box and a cylindrical casing spaced to afford an annular receiving channel, said casing having a top provided with an axially located discharge opening, a rotary deck covering said gear box and having an axially located shaft, means for rotating said shaft, a distributing trough mounted on said rotary deck and having an inlet spout extending from the axial opening of said casing into the receiving end of said trough, said trough having at its discharge end an opening delivering into said annular receiving channel, a plurality of circumferentially spaced spouts leading downward from said annular receiving channel, a spiral conveyor working in said trough, a non-rotary beveled gear fixed below said deck concentric to the axis thereof, a shaft bearing depending from said deck, a radial shaft journaled in said bearing, a beveled pinion on the inner end of said shaft meshing with said non-rotary gear, a spur gear on the outer end of said radial shaft, a pair of intermeshing spur gears, one on the outer end of said radial shaft and the other on the outer end of the shaft of said spiral conveyor, and driving connections to the shaft of said deck for rotating the latter.

2,122,680
REFRIGERATION MEANS
William F. Dart, Mason, Mich.
Original application March 8, 1934, Serial No. 714,717. Divided and this application April 17, 1935, Serial No. 16,856
3 Claims. (Cl. 62—89)



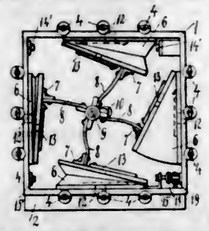
1. The combination with a refrigerator comprising a heat insulating cabinet open at one side, a heat insulating door for closing the open side of said cabinet, a cooling unit mounted in the storage compartment enclosed by said cabinet to cool said compartment and a freezing chamber associated therewith adjacent said door, of a removable shield disposed in the open side of said cabinet adjacent said door to close the open area around said freezing chamber whereby the cold air is retained in the storage compartment when the door is opened to enter the freezing chamber.

2,122,681
DRESSING ROOM FORMING STRUCTURE
John L. G. Dykes, Chicago, Ill., assignor of one-half to John Bruce Allen, Chicago, Ill.
Application July 15, 1936, Serial No. 90,682
6 Claims. (Cl. 135—5)



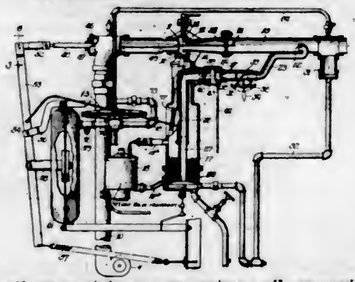
1. As a new article of manufacture, a knock-down structure adapted to coact with one of the doors of an automobile body to form a dressing room outside of and in communication with the body, and comprising a side adapted to fit against said one door when the latter is open, a second side positioned in spaced relation with respect to the first mentioned side, a top connected to and extending between the upper margins of the two sides, a front depending from the outer margin of the top and extending between and connected to the outer side margins of said two sides, a bottom adapted to rest on the ground and connected to the bottom margins of the sides and front, and a short back connected to the rear portion of the bottom and the lower rear margins of the sides and adapted to close the space between the bottom and a portion of the automobile beneath said one door.

2,122,682
APPARATUS FOR OPERATING MOVABLE MEMBERS
George Efron, New York, N. Y.
Application November 4, 1936, Serial No. 109,141
In Germany November 6, 1935
3 Claims. (Cl. 46—120)



1. In an apparatus for operating movable members, a distributor casing, a tracker bar in said casing having passages opening into said casing at one end and connected to control pipe lines at the other end, a control sheet in said casing, means for moving said control sheet past the open ends of said passages so as to make and break their connection to the interior of said casing, and means in said casing for producing in its interior air pressure other than that of the atmosphere.

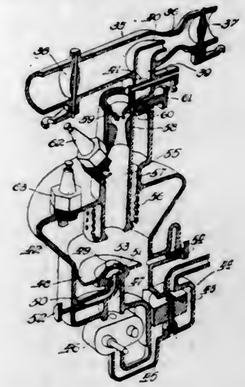
2,122,683
OIL VAPORIZER CONTROL
Clyde B. Faverty, Chicago, Ill., assignor, by mesne assignments, to Mark C. Bates, Chicago, Ill.
Application February 12, 1934, Serial No. 710,971
19 Claims. (Cl. 158—53)



1. In oil vaporizing apparatus, oil vaporizing means, a manifold, means for combining the oil vapor with air and delivering the resulting mixture to said manifold, means responsive to the pressure within the manifold for controlling the amount of air and vapor mixture delivered thereto, said means including a diaphragm controlled mechanism actuated by air delivered by air supply mechanism, a valve for controlling the air delivered thereto, and a second diaphragm control mechanism, said second mentioned diaphragm control mechanism actuating said air controlling valve.

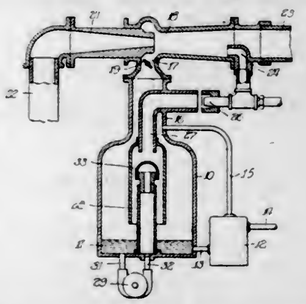
2,122,684
VAPORIZING RELATIVELY HEAVY OILS
Charles A. French, Riverside, Ill., assignor to Mark C. Bates
Application November 1, 1935, Serial No. 47,910
19 Claims. (Cl. 48—213)

9. A method of vaporizing liquid hydrocarbon fuels heavier than kerosene which comprises providing hot inert gases resulting from the burning of combustible material, intimately contacting a metered amount of said hot inert gases with a quantity of the fuel, in the form of a spray, in excess of that quantity which can be vaporized by said metered quantity of hot inert gases whereby vaporization of a portion only of the fuel is effected, intimately commingling the vaporized fuel containing said inert gases with a relatively large volume of air to provide a combustible mix-



ture, burning at least a part of said mixture to provide hot substantially inert complete combustion gases and utilizing said hot gases to vaporize additional quantities of fuel, the vaporization being continuous and being effected, at least after initiation of the process, by the intimate contact of said hot gases and an amount of fuel in excess of that which can be vaporized by said hot gases, the generation of the hot inert gases which effect the vaporization of the fuel being continuous and non-pulsating.

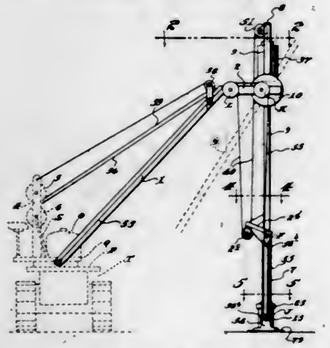
2,122,685
OIL VAPORIZING APPARATUS
Charles A. French, Riverside, Ill., assignor to Mark C. Bates, Chicago, Ill.
Application December 12, 1936, Serial No. 115,496
10 Claims. (Cl. 48—213)



6. The method of vaporizing relatively heavy fuel oil which comprises maintaining a pool of said oil in a relatively cool vaporization chamber, continuously supplying oil from the vaporization chamber to the top of a fountain in sufficient amount so as entirely to cover the exterior surface of the fountain and permit an excess to flow back to the said body of oil, and continuously passing hot substantially inert gases over the

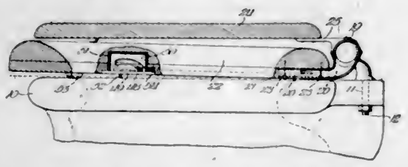
surface of the oil on said fountain and in said body of oil, the inert gases being products of combustion formed by substantially completely burning a portion of the fuel oil vapors, said surface being substantially unheated except for the heat which is conducted thereto by the fuel oil flowing into direct contact therewith.

2,122,686
HOLE DRIVING MACHINE
Lee S. Gaty, Dallas, Tex.
Application May 14, 1937, Serial No. 142,685
7 Claims. (Cl. 255—1)



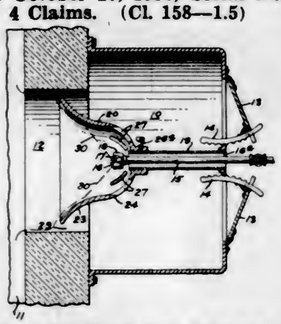
1. A machine for making holes for posts, poles and the like and adapted to be mounted on a power unit, and comprising a boom with horizontal members, spaced guide leads and supports swingably associated with the horizontal members of the boom, a hammer and a driven element adapted to travel on said guide leads, said hammer having spaced hollow divisions and removable weights for adjusting the weight of the hammer, said hammer including shock-absorbing means for connecting the hammer to an operating cable, and means for withdrawing said driven element from the hole formed.

2,122,687
VENTILATED TOILET BOWL
William Herrmann, Chicago, Ill.
Application May 15, 1936, Serial No. 79,963
3 Claims. (Cl. 4—213)



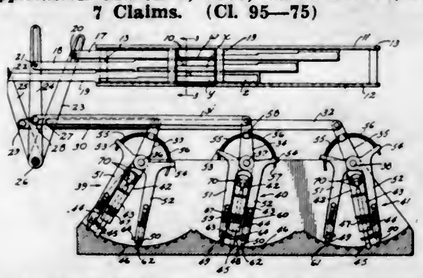
1. In a toilet device, a bowl, a seat hinged thereto, a motor driven fan adapted to withdraw foul air from the bowl, a mercury switch within the body of said seat to control said motor driven fan, a pin extending downwardly from said mercury switch, said pin adapted to contact the edge of said bowl and be elevated with respect to said seat when said seat is depressed, the elevation of said pin adapted to tilt said mercury switch into circuit closing position, resilient means normally to elevate a portion of said seat above said bowl, and said mercury switch automatically becoming unresponsive to the movement of said pin when the seat is in raised position.

2,122,688
DIFFUSER FOR FLUID FUEL BURNERS
Fred Hill, San Francisco, Calif.
Application October 17, 1936, Serial No. 106,140
4 Claims. (Cl. 158—1.5)



1. A diffuser for fluid fuel burners comprising a hollow body open at one end and having the inner face of the body wall tapered inwardly from the said end toward its opposite end and having at said opposite end another opening for receiving therethrough a burner member, the said body wall in longitudinal section through the axis of the diffuser having its inner face delineated by a compound curve in which the portion adjacent the said one end of the diffuser body is concave and the portion adjacent the burner receiving opening is convex.

2,122,689
APPARATUS FOR COPYING COLOR FILM
Charles F. Jones, Burlingame, Calif.
Application March 9, 1936, Serial No. 67,750
7 Claims. (Cl. 95—75)

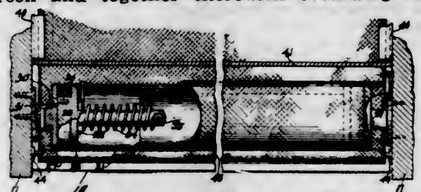


1. An apparatus for copying a series of colored photographic images carried on a film strip which includes: a light source; means for defining the path of light from said source; a frame extending across said light path; a plurality of strips slidable in said frame, each of said strips being provided with a series of apertures of different sizes and with a filter across said apertures, the filters on said strips being of different colors respectively; and means for leading said film strip and a light sensitive film across said plurality of component light paths thus formed.

2,122,690
AUTOMATICALLY OPERATING WINDOW SCREENING DEVICE
Frank Kushner, Indiana Harbor, Ind., assignor of one-half to Carl Dollstedt, Gary, Ind., and seven and one-half percent to John Saesan and five percent to Frank Bruno, both of East Chicago, Ind.
Application April 20, 1937, Serial No. 137,970
2 Claims. (Cl. 156—39)

1. A window screening device mountable in a window frame, said device comprising a screen

and a roller containing two telescoping portions adjustable for length and slitted longitudinally, and a doubled strip clamped over one end of the screen and together therewith extending thru

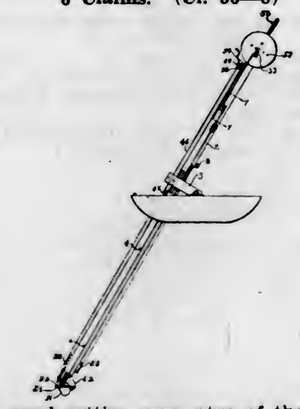


the slit, said strip including oppositely extending means engaging the interior of the roller adjacent the slit and holding the strip and screen securely in position.

2,122,691
ABRASIVE ARTICLE
Joseph N. Kuzmick, Passaic, and Lamar S. Hilton, Bloomfield, N. J., assignors to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey
No Drawing. Application April 28, 1936, Serial No. 76,756
7 Claims. (Cl. 51—280)

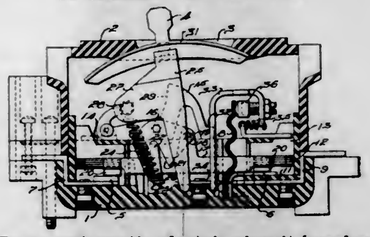
1. A solid and compressible abrasive article comprising abrasive particles bonded with a copolymer of chloroprene and a synthetic resin, the synthetic resin acting to controllably reduce the elongation or stretch of the chloroprene.

2,122,692
MOWING APPARATUS
Lynn J. Lubins, St. Paul, Minn.
Application June 29, 1936, Serial No. 87,901
6 Claims. (Cl. 56—8)



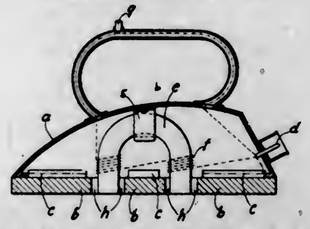
1. A weed cutting apparatus of the character described comprising in combination with a supporting float, pivotally supported arms carried by said float, a beam slidably supported intermediate its ends upon said arms, an operating element supported upon the rear end of said beam, a cable slidably connecting said element with said beam supporting arm and actuatable to longitudinally adjust said beam with respect to said arm, a horizontal cutting blade slidably supported at the forward end of said beam, vertical cutting blades slidably supported at the rear of said horizontal blade, a manually operative element supported at the rear end of said beam, and an operative connection between said element and said blades, for the purpose set forth.

2,122,693
BIMETAL AND CIRCUIT BREAKER EMPLOYING THE SAME
Olav Maseng, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application October 10, 1935, Serial No. 44,341
11 Claims. (Cl. 200—116)



6. In an automatic electric circuit breaker, stationary and movable contacts, manual means for moving said movable contact to engaged and disengaged position, a member releasable to cause automatic movement of said movable contact to disengaged position, a latch for said member and means for releasing said latch comprising a progressively movable, current traversed, bimetallic member formed of continuous layers of metals of different temperature coefficient of expansion integrally joined together, said member being provided with corrugations extending at substantially right angles to its direction of effective movement.

2,122,694
ELECTRIC IRON
Curt Müller, Berlin-Wilmersdorf, Germany
Application September 7, 1937, Serial No. 162,688
In Germany November 25, 1935
3 Claims. (Cl. 219—25)

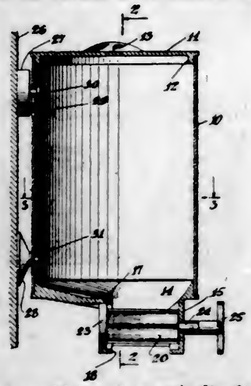


1. In an electric iron, a bottom plate, an electric heating element mounted on said bottom plate, an electromagnet mounted in said iron comprising a core and a winding distinct from said heating element, the poles of said core extending through said bottom plate so that their ends are flush with the lower face of said bottom plate, said bottom plate being spaced sufficiently from said poles to ensure magnetic and thermic insulation of said poles.

2,122,695
DISPENSER
Thadeus K. Podwyszynski, Brooklyn, N. Y.
Application July 1, 1936, Serial No. 88,310
1 Claim. (Cl. 221—106)

In a dispenser for powdered soap a substantially circular container for the soap, a lid for said container and a bottom for said container having substantially hopper shape and an opening, a hood formed by bending the material of the hopper bottom out of its plane at the inner end of the opening in said bottom, a star wheel

having four blades, one of said blades closing the opening in the bottom of the container with the star wheel at rest, said blades shaped to loosen clogged material during the rotation of the star wheel, a disc to which said blades are secured



and turning in said hood, a spindle for the star wheel and a handle on said spindle, and a substantially trough-shaped annex to the container having an opening and attached to the container in which the blades and disc are located.

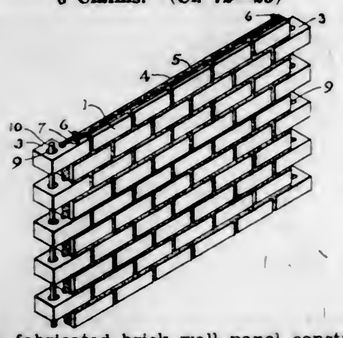
2,122,696

FABRICATED BRICK WALL PANEL CONSTRUCTION

Emmett V. Poston, Springfield, Ill.

Application February 10, 1937, Serial No. 125,095

6 Claims. (Cl. 72—23)



1. A fabricated brick wall panel construction comprising a portable panel including a plurality of brick face members each having an outer face exposed to view on one side of the panel fixed into a body of binding cement and light weight aggregate mixture in broken jointed formation; said body provided with a reinforcing material and the panel provided at both ends with alternately spaced and uprightly aligned header brick members each having an uprightly disposed hole each adapted to be vertically aligned with corresponding holes and other header bricks on the same end of the panel; said header bricks at each end of the panel each provided with aligned upright channels and accommodating an upright anchoring bar and to provide a more substantial anchorage for the body of binding cement and light weight aggregate and said reinforcing material set into said mixture of cement and light weight aggregate in a position where it will be held in contact with said anchoring bars registering within said upright channel of the terminal header bricks of the panel.

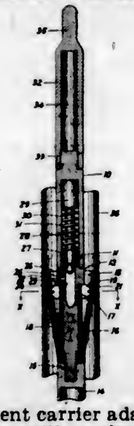
2,122,697

INSTRUMENT CARRIER

Charles M. Potter, Glendale, Calif., assignor to Standard Oil Company, San Francisco, Calif., a corporation of Delaware

Application October 1, 1935, Serial No. 43,078

6 Claims. (Cl. 33—205)



1. An instrument carrier adapted to be pumped down a drill pipe with a circulating fluid, comprising a buoyant body, a flexible packer secured to said body, a rotatable ring on said body, spring means connecting said packer with said ring, a latch for said ring to hold said packer in expanded position and means associated with said body and adapted to release said latching means to retract said packer when said body reaches the bottom of said pipe.

2,122,698

BEAM AND THE LIKE FOR BUILDING CONSTRUCTION

Albert Rafter, Glen Ridge, N. J., assignor to Rafter Machine Company, Belleville, N. J., a partnership composed of Albert Rafter and John C. Rafter, Jr.

Application May 16, 1936, Serial No. 80,089

3 Claims. (Cl. 189—37)



2. In a structural member for building construction, a pair of spaced plates provided with a plurality of spaced apertures, inwardly directed flanges surrounding said apertures and integral with said plates, the flanges on one plate being positioned within the flanges on the other plate, each of said plates being bent outwardly and upwardly to provide a portion spaced from and parallel to said plates, said portion having an inwardly directed right angular flange, said flange being bent back upon itself and downwardly parallel to said portion and then at right angles thereto, the flanges on each plate being provided with interlocking means to prevent separation of said plates.

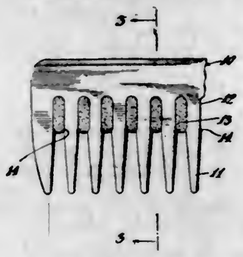
2,122,699

SANITARY AND CLEANSING COMB

Louis Rembalinsky, Ridgewood, N. J., assignor of one-half to Kirk Shivell, Ridgewood, N. J.

Application December 26, 1934, Serial No. 759,160

4 Claims. (Cl. 132—11)



1. In an article of manufacture, as described, a composite bar, stamped so as to form a comb containing straight teeth, said teeth being evenly spaced and containing a recessed portion and shoulder at the junction thereof, and an absorbent to fill said recess portion.

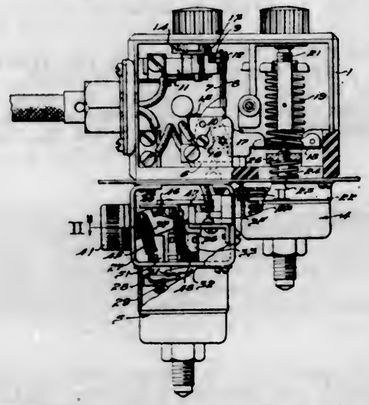
2,122,700

ELECTRIC SWITCH

Carl A. Schaefer, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application November 2, 1936, Serial No. 108,764

5 Claims. (Cl. 200—83)



1. A pressure switch comprising an element movable in one direction in response to a pressure condition, adjustable spring means for opposing such movement, a pivoted member movable in response to movement of said element, means biasing said member in a direction to oppose movement thereof by said element, a contact arm pivoted on said member, means biasing said arm to contacts engaged position, over-center spring means connected to said member and causing its movement to be snap-like in action, and a stop engaging said arm when said member is moved by said element to cause rotation of the arm against its biasing means to a contacts disengaged position.

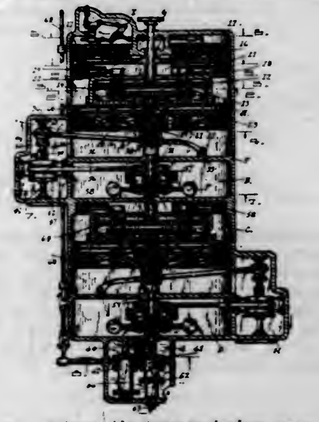
2,122,701

TRANSMISSION

Edwin S. Segard, San Francisco, Calif.

Application June 24, 1936, Serial No. 87,105

2 Claims. (Cl. 74—260)



1. In an automatic transmission gear mechanism comprising a casing, a plurality of shafts extending through said casing, said shafts being in axial alignment one with the other, gear casings surrounding the abutting ends of said shafts, gears mounted in said casings, means for locking said casings against movement to effect a gear ratio between said shafts, clutch means for independently releasing said gear casings at predetermined speeds, a governor controlled mechanism for effecting said last mentioned means, said governor comprising a shaft, a threaded quill rotatably and slidably mounted on said shaft, a fly wheel secured to said quill, a screw wheel engaging said thread, a lever actuated by the movement of said quill on said shaft, said lever actuating said clutch mechanism, and means for rotating said screw wheel.

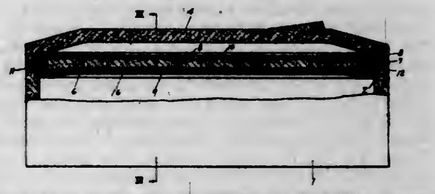
2,122,702

INSULATED BURIAL VAULT

Mathias A. Wagner, Mount Angel, Oreg.

Application May 18, 1937, Serial No. 143,309

3 Claims. (Cl. 72—7)



1. A burial vault comprising a box-like structure with a removable top and an insulating slab positioned on an integral shelf below the top, the said insulating slab being characterized by being constructed of cement concrete made of porous aggregate to form a shell defining an interior space, the said space being filled with dried diatomaceous earth.

2,122,703

NOZZLE FOR EXTRUDING STIFF PLASTIC MATERIAL
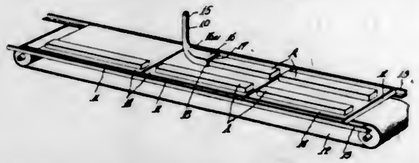
Charles F. Weinreich, Des Plaines, Ill., assignor to Cherry-Burrell Corporation, Chicago, Ill., a corporation of Delaware

Application February 10, 1936, Serial No. 63,193

4 Claims. (Cl. 107—14)

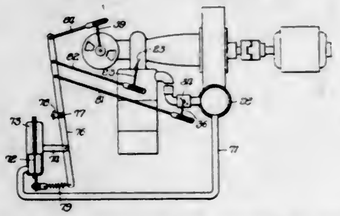
1. A nozzle for discharging a bar of partially

frozen aerated ice cream of form sustaining hardness and of predetermined cross-sectional shape and size, said nozzle having a pair of opposing walls flaring toward the outlet and having its maximum cross-sectional area adjacent to the outlet end to permit gradual expansion transversely to the direction of flow and increase in



cross-sectional area of the body of ice cream under progressive reduction in pressure, said nozzle presenting an inwardly projecting troweling edge extending to a slight extent into the path of movement of the discharging bar at the outlet of the nozzle, and acting to smooth over the surface of the bar as it emerges from the nozzle but without substantially retarding the outflow.

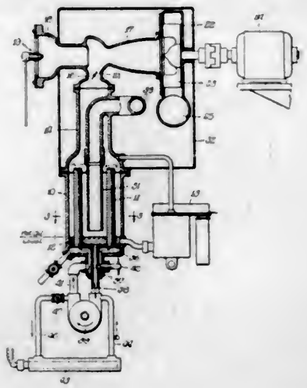
2,122,704
SUCTION VAPORIZER
Edgar C. Welborn and Peter C. L. van Bueren, Chicago, Ill., assignors to Mark C. Bates, Chicago, Ill.
Application June 13, 1936, Serial No. 85,070
19 Claims. (Cl. 48—213)



12. In apparatus for vaporizing a relatively heavy liquid hydrocarbon a vaporization chamber, means for maintaining an excess of the liquid hydrocarbon in the vaporization chamber, a mixing chamber, a passageway interconnecting the vaporization chamber and the mixing chamber, a port for admitting air to the mixing chamber, a blower connected to withdraw mixed air and vapor from the mixing chamber, a manifold connected to the pressure side of the blower whereby to receive a combustible mixture of vapor and air under pressure, a pilot burner, means for withdrawing combustible mixture from the manifold and delivering the same to the pilot burner, means for directing hot inert products of combustion from the pilot burner to the vaporization chamber into contact with said excess of liquid hydrocarbon, and means responsive to the manifold pressure for controlling the amount of combustible mixture delivered to the pilot burner.

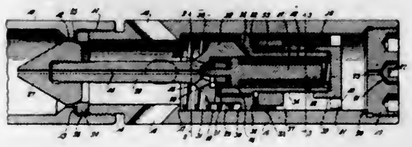
2,122,705
METHOD OF VAPORIZING HEAVY LIQUID HYDROCARBONS
Edgar C. Welborn and Henry J. Smith, Chicago, Ill., assignors to Mark C. Bates, Chicago, Ill.
Application August 1, 1936, Serial No. 93,782
16 Claims. (Cl. 48—213)

13. A method of vaporizing a relatively heavy fuel oil which comprises maintaining a pool of oil in the lower part of a vaporization chamber, delivering oil from said pool to the top of a fountain disposed within said vaporization chamber and causing said oil to flow downwardly on the exterior surface of said fountain in amount sufficient to maintain a coating of oil on all parts of said exterior surface whereby excess oil continuously flows back into said pool of oil, pass-



ing a hot substantially inert gas upwardly of said exterior surface and in contact with said downwardly flowing fuel oil whereby vapors are withdrawn from said fuel oil, the hot substantially inert gas providing essentially the sole means for vaporizing the fuel oil and the said exterior surface being substantially unheated except for that heat which is conducted thereto by the fuel oil flowing into direct contact therewith.

2,122,706
INDESTRUCTIBLE RELEASE MECHANISM FOR BLASTING CARTRIDGES
Frank H. Armstrong, Chicago, Ill., assignor to Cardox Corporation, a corporation of Illinois
Application April 27, 1936, Serial No. 76,690
24 Claims. (Cl. 102—6)

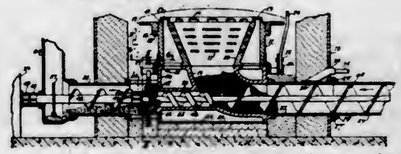


1. In combination, a blasting cartridge having a chamber for receiving a blasting charge the pressure of which is to be built up to the desired blasting pressure, release means for the blasting charge, a control chamber, means in said control chamber for opening said release means when a portion of the blasting charge is admitted to the control chamber and for holding open said release means as long as the blasting charge remains in the control chamber, and means carried by the control chamber means and subjected to the pressure of the charge in the first-mentioned chamber for establishing communication between the two chambers when the pressure of the blasting charge reaches a predetermined value and for maintaining said communication until the blasting charge has been entirely released.

2,122,707
NITROGEN-CONTAINING RESINS
Joseph H. Balthis, Jr., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 19, 1936, Serial No. 69,725
18 Claims. (Cl. 260—2)

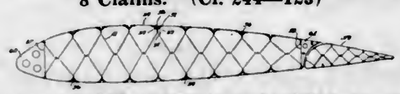
1. The process of producing nitrogen containing resins which comprises reacting together a vinyl ketone polymer and an ammonia type compound of the class consisting of ammonia and primary amines in the presence of a liquid diluent and in an amount corresponding to at least 0.75 mole of ammonia type compound per mole of polymer.

2,122,708
UNDERFEED STOKER AND ASH REMOVER
Thomas H. Banfield, Portland, Oreg., assignor to Iron Fireman Manufacturing Company, Portland, Oreg.
Application March 30, 1936, Serial No. 71,704
16 Claims. (Cl. 110—45)



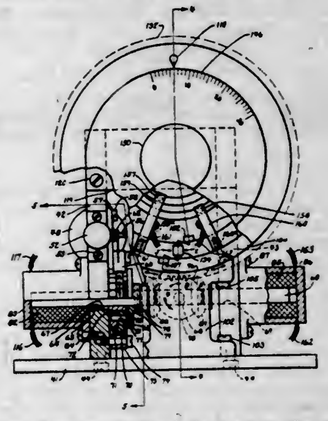
1. An underfeed stoker comprising a tuyère section and a retort section, an ash removing ring rotatably mounted below the top of the tuyère section, said sections being connected together and having an upwardly curved coal passageway therethru, a coal conduit leading to the entry end of the curved passageway, a screw conveyor within the conduit for conveying coal from a coal storage space through said conduit to said retort section, the shaft of said screw conveyor passing through and extending beyond the wall of the curved passageway, an ash conveyor tube having an ash receiving opening below said ash removing ring, an ash conveying screw in said tube coupled to said extended end of the coal screw conveyor shaft, and means at the coupled ends of said shaft and screw for engaging said ash ring in driving relation.

2,122,709
AEROFOIL STRUCTURE
Archibald S. Barkley, Detroit, Mich., assignor to Barkley-Grow Aircraft Corporation, Detroit, Mich., a corporation of Michigan
Application January 14, 1937, Serial No. 120,476
8 Claims. (Cl. 244—123)



1. An aerofoil structure comprising an upper stressed skin, a lower stressed skin, a spar near the leading edge of the wing, a second spar near the trailing edge of the wing, said spars being spaced chordwise of the wing a substantial distance from the thickest portion thereof and their depth at any section of the wing being substantially less than the greatest thickness of the wing at that section, and a shear transmitting web structure lying between said spars and secured to said skins, said web structure consisting of intersecured longitudinally extending webs, said webs forming the walls of a series of adjacent four-cornered and four-sided tubular cells and cooperating with the skins to form a series of spaced three-sided and three cornered tubular cells along each skin, the upper corner of each of said four-sided cells being secured to the depending corner of one of the three sided cells formed in part by the upper skin, the lower corner of each of said four-sided cells being secured to the upstanding corner of one of the three sided cells formed in part by the lower skin, and the lateral corners of each of the four-sided cells being secured to the lateral corners of adjacent cells.

2,122,710
COUNTING DEVICE
Paul W. Bidwell and George M. Prentice, Holyoke, Mass.
Application June 24, 1933, Serial No. 677,449
10 Claims. (Cl. 235—98)

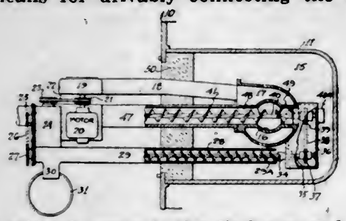


1. In a device of the character described a member mounted for unlimited rotative movement in either direction, means for moving said member step by step in either direction, means for reversing the direction of rotation of said member, contact-making means carried by said member, a second and third member each having a cylindrical surface coaxial with the axis of movement of said first-named member and over which said contact-making means is adapted to slide without interruption throughout 360 degrees and each having contact means adapted for cooperation with said contact-making means, and connections between each of said contact means and said reversing means, at least one of said two last-named members being adjustable into all angular positions throughout 360 degrees.

2,122,711
UNDERFEED STOKER
Edward B. Birkenbeuel, Portland, Oreg., assignor to Iron Fireman Manufacturing Company, Portland, Oreg.
Application April 11, 1936, Serial No. 73,882
5 Claims. (Cl. 110—45)

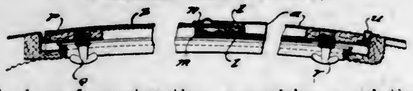
5. A stoker of the class described having in combination a coal storage compartment, a retort spaced from said storage compartment, a coal tube communicating between said retort and compartment, a coal conveying worm within said tube having its intake end projecting into said coal containing compartment and having its discharge end projecting through said retort, an ash conveying worm disposed alongside of said coal conveying worm, means for rotating

said ash conveying worm from its discharge end and means for drivably connecting the intake



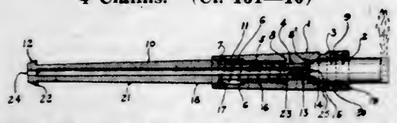
end of said ash worm to the discharge end of the coal conveying worm.

2,122,712
SLIDING ROOF FOR VEHICLES
William Henry Bishop, Birmingham, England
Application December 20, 1935, Serial No. 55,361
In Great Britain August 21, 1935
3 Claims. (Cl. 296—137)



1. A roof construction comprising a relatively fixed roof portion having an opening therein; a first sliding panel having upper and lower spaced enclosing surfaces connected together adjacent the lateral edges thereof and adapted to partially close the opening; a second sliding panel for closing another part of the opening and adapted to enter the first panel between the enclosing surfaces in telescoping relation; and guiding members between the panels and the roof portion adapted to enable the first panel to be slid along the roof portion over the second panel and to enable the second panel to be slid along the roof portion into the first panel.

2,122,713
CIGARETTE SNUFF-OUT HOLDER
George T. Brandt, Los Angeles, Calif.
Application August 23, 1933, Serial No. 686,413
4 Claims. (Cl. 131—10)



3. In a device of the class described, a tubular body comprising a cylindrical cigarette snuff-out chamber in conjunctional alignment with a cigarette holding chamber defining a larger chamber in front of said holding chamber providing a shoulder therebetween, whereby said snuff-out chamber provides sufficient air-space enclosure around a cigarette butt end when smoking same to control air circulation or provide combustion control before said butt burns into said holding chamber, eliminating the charring and burning of said holding chamber when made of non-metallic material.

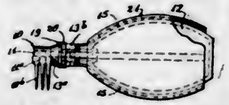
2,122,714
HAT BAG
John Callahan, Lawrence, Kans.
Application September 7, 1937, Serial No. 162,817
7 Claims. (Cl. 206—8)

1. In a device for housing and hanging an article of head-wear including a crown, a casing closed at the top and open at the bottom for the introduction of the article of head-wear, the casing including a rear wall, and a socket carried by the rear wall and projecting into the casing, the socket being long enough to engage



within the crown of the article of head-wear and suspending the article of head-wear in the casing, the socket opening through the rear wall to receive a suspension element, whereon the casing and the article of head-wear may be hung up together.

2,122,715
COMB AND HAIR LIQUID DEVICE
Joseph W. Forte, Brooklyn, N. Y.
Application March 3, 1937, Serial No. 128,704
4 Claims. (Cl. 132—13)



1. A comb and hair liquid device comprising a comb body having a back portion with projecting teeth and a passage extending through said back portion and having branches discharging between said teeth, a stem consisting of threadedly engaged stem sections, one of said stem sections being permanently mounted on said comb body, a bulb for holding liquids mounted on the other of said stem sections, and elements pivotally mounted on the stem section of the bulb and extending across the outer face of the bulb and having inner ends engaging in grooves formed in said stem section, and means for holding said inner ends to hold the elements from being pivoted and depressed.

2,122,716
HYDROXY CARBOXYLIC ACID ESTERS OF LONG CHAIN ALCOHOLS
George D. Graves, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 4, 1934, Serial No. 755,909. In Canada August 2, 1933
16 Claims. (Cl. 260—106)

4. An ester composition wherein the mixture of alcohols obtainable by the carboxylic reduction of the acyl radicals of an essentially saturated fatty oil, said mixture being comprised principally of dodecyl alcohol, is esterified by a saturated aliphatic low molecular weight hydroxy carboxylic acid.

2,122,717
PROTECTOR FOR PISTONS AND THE LIKE
Samuel M. Greenidge, Fort Worth, Tex.
Application September 24, 1935, Serial No. 41,946
9 Claims. (Cl. 29—88.2)



1. In a pump, a piston, a pump cylinder, a protector sleeve for said piston having an external diameter slightly greater than the internal diameter of the cylinder, and a frangible element forming a connection between the piston and protector.

2,122,718
TRACTION CLEAT FOR SKIS
Richard S. Hikel, Plymouth, N. H.
Application February 5, 1937, Serial No. 124,322
2 Claims. (Cl. 280—11.13)



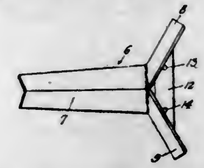
1. A traction cleat for a ski comprising a plate like attaching member secured to the top of the ski, a calk member comprising a flat elongated plate hinged at one edge to an edge of the member for vertical swinging movement and to extend lengthwise across the top of the ski and provided with a pair of tooth like end calks depending therefrom upon opposite sides of the ski, respectively, said plate being limited as to downward movement by engagement with the top of the ski, and a leaf spring secured at one end to said plate with its other end slidably bearing on top of said member.

2,122,719
ETHYNYLHYDROXYCARBOXYLIC ACIDS, LACTONES THEREOF AND PROCESS OF PREPARING THEM
Oscar Robert Kreimeier, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 20, 1936, Serial No. 91,625
27 Claims. (Cl. 260—123)

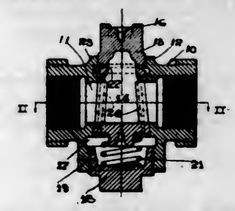
22. An aliphatic gamma-alkynyl-gamma lactone.

2,122,720
TRACTOR WHEEL RIM
Maurice A. Lare, Brock, Nebr.
Application July 24, 1936, Serial No. 92,441
2 Claims. (Cl. 301—44)

2. A tractor wheel having a rim, a plurality of traction elements respectively comprising an elongated tapered angle lug of inverted V-shape having outwardly diverging wings at its large end and a cross bar connected with and extending transversely between said wings for supporting the latter, said traction elements being attached to said rim through their respective cross bars and being relatively arranged so that the front or smaller end of each lug overlaps the cross bar of the lug immediately in front thereof.



2,122,721
METER COCK
Sven J. Nordstrom, Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa., a corporation of Delaware
Application May 22, 1936, Serial No. 81,292
4 Claims. (Cl. 251—93)

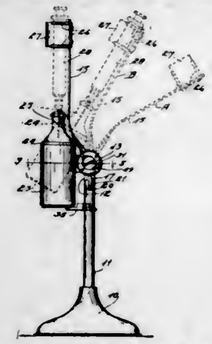


1. In a plug valve for controlling the flow of fluid, a casing having a line passage for fluid and having a tapered seat formed therein, a tapered plug having a port therein arranged to form a continuation of the line passage and rotatably mounted within said seat and capable of axial movement from and to said seat, resilient means for holding said plug against said seat, a dead end lubricating system out of communication with the line passage and comprising a chamber in said casing at the larger end of the plug adapted to receive viscous lubricant and communicating with dead end lubricant channels interrupting the seating surface of the plug and casing whereby lubricant is prevented from escaping from the system when the plug is seated, said lubricant system substantially surrounding the port on at least one side of the transverse axis in closed or open position of the valve, means to develop lubricant pressure in the chamber to force said plug into said seat and force lubricant under pressure to the grooves in the seating surface to form a seal, said means and chamber cooperating with said dead end lubricating system to maintain lubricant pressure in said chamber for a substantial period of time to maintain said plug in seated position.

2,122,722
INSULIN BOTTLE HOLDER
John A. O'Neill, Florence, Ala.
Application July 17, 1936, Serial No. 91,207
14 Claims. (Cl. 128—215)

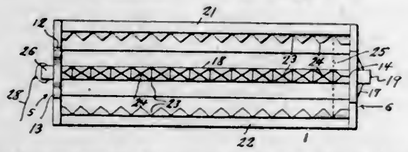
1. In a device of the kind described, a vial holder, an arm attached thereto and extending above said vial holder, a spring clip constituting a support for a hypodermic syringe mounted on

the free end of said arm and having its axis aligned with the axis of the vial holder, and



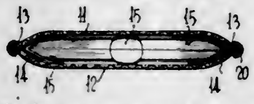
hinge means connecting said arm and vial holder.

2,122,723
COMBINED FILM CRADLE AND DRYING RACK
Le Roy Samuel Pinkham, Santa Barbara, Calif.
Application December 10, 1936, Serial No. 115,236
2 Claims. (Cl. 95—100)



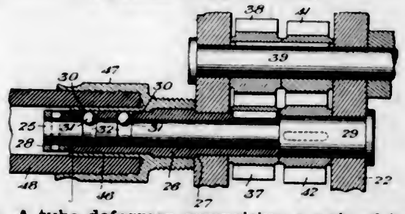
1. A combined film cradle and drying rack of the character described comprising a pair of opposed ends, opposite side and bottom longitudinal members extending between and attached at the side and bottom edges of the said ends and spacing the said ends, the facing surfaces of said side longitudinal members at the top surface of said bottom longitudinal member being formed with projections defining triangular notches for receiving the bottom and two side edges of the film.

2,122,724
SPECTACLE CASE
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application January 20, 1938, Serial No. 185,973
8 Claims. (Cl. 206—5)



1. A spectacle case comprising two formed sheets of flexible material fastened together about part of their edges and leaving a part unfastened for inserting spectacles, a resilient frame of substantially the same size and shape as the fastened edges and placed within the fastened sheets and biased to expand and hold taut the flexible material, spreading members on the resilient frame adapted to hold the sheets apart at predetermined locations to receive the nose pieces of the spectacles and at least one lens, means to hold closed the unfastened parts of the sheets, and an outer casing enclosing and concealing the fastened edges of the material.

2,122,725
TUBE DEFORMER
Albert J. Scholtes, Baltimore, Md., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application December 1, 1936, Serial No. 113,732
5 Claims. (Cl. 153—73)



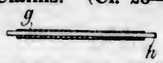
1. A tube deformer comprising a pair of inner and outer concentric members adapted for positioning in a tube, said inner member having an annular radial cam groove therein, said outer member having an opening in the plane of said cam groove, a ball interposed between said members and resting in said cam groove, and means for turning said members in the same direction with one member at a greater rate of speed than the other to advance the ball against the tube during turning operation.

2,122,726
IMPROVED METHOD OF MAKING OR PRODUCING ELASTIC THREADS OF RUBBER OR THE LIKE
Thomas Lewis Shepherd, London, England
Application April 4, 1935, Serial No. 14,694
In Great Britain April 6, 1934
8 Claims. (Cl. 18—8)



3. Apparatus for manufacturing rubber thread, which comprises a roller with grooves, means for applying latex to the roller, a doctor blade for removing latex from the roller except in the grooves, means for in part coagulating the latex, and means for stretching the partially coagulated coagulum.

2,122,727
RUBBER PROCESS AND PRODUCT
Thomas Lewis Shepherd, London, England
Application February 28, 1936, Serial No. 66,308
In Great Britain April 6, 1934
10 Claims. (Cl. 28—1)



1. A process for forming a fabric incorporating elastic threads which consists in forming rubber thread by applying rubber upon a continuous filament of material which may be pulverized, incorporating the rubber threads into the fabric, and then pulverizing the filament by mechanical manipulation.

2,122,728
RUBBER PROCESS AND PRODUCT
Thomas Lewis Shepherd, London, England
Application February 28, 1936, Serial No. 66,309
In Great Britain March 21, 1934
5 Claims. (Cl. 117—2)

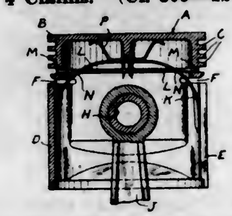
1. A process of making a composite rubber thread which consists in roughening the surface

of the constituent threads, applying thereto in fluid form an adhesive coating which is insoluble in water and in which comminuted material is suspended, and twisting the constituent threads



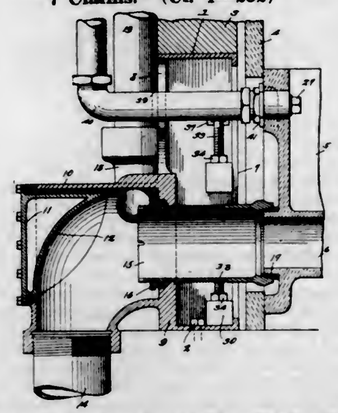
together while the adhesive coating is still tacky to form a composite thread, whereby the comminuted material becomes amalgamated with the composite thread.

2,122,729
PISTON EXPANDER
Dallas M. Smith, Kirkwood, Mo.
Application March 25, 1937, Serial No. 133,052
4 Claims. (Cl. 309—12)



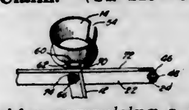
1. A piston expander comprising a member engaging the piston skirt and adapted to exert an expansive force to increase the effective diameter of said skirt, said member being adapted to receive a rod whereby said member is held in said piston, and a resilient part carried by said member and engaging the head of said piston to create a tension between said expander and said head.

2,122,730
BOWL HANGER
Harry A. Smith, Watsontown, Pa.
Application July 9, 1937, Serial No. 152,841
7 Claims. (Cl. 4—252)



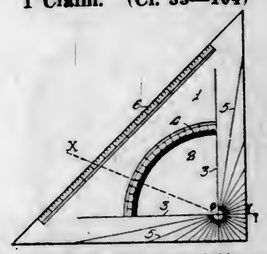
1. In a device of the class described, a box-like casing including front and rear walls, the front wall having an opening, substantially horizontal securing elements extended across the casing and through the opening, means for mounting the securing elements in the rear wall of the casing for vertical adjustment, jack means located within the casing and connected to the securing elements and the casing for producing relative vertical movement between the securing elements and the casing, and means for attaching the securing elements to a closet bowl.

2,122,731
POULTRY HOLDER
Cherry Summers, Ethel, Mo.
Application September 22, 1936, Serial No. 102,016
1 Claim. (Cl. 119—97)



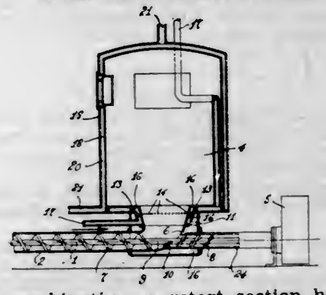
A poultry holder comprising a frame, a conically-shaped open-ended tube having its small end pivotally connected with one side of said frame, a bracket pivotally connected with the opposite side of the frame and including means for supporting the large end of the tube for holding the latter at an angle to the frame, and means for securing the bracket in a holding position, said bracket being foldable upon the frame and said tube being foldable upon said bracket.

2,122,732
SQUARE
Katsujiro Uyeda, Yodobashi-ku, Tokyo, and Itsuo Wooga, Setagaya-ku, Tokyo, Japan
Application September 17, 1935, Serial No. 40,972
In Japan October 3, 1934
1 Claim. (Cl. 33—104)



A drafting instrument consisting of an isosceles triangle of transparent material provided with a segmental opening having straight edges which are radial to a definite focal point and having a curved arcuate edge with graduations thereon representing degrees of a circle, the sides of the triangle being provided with protracting lines registering with the lines on the curved edge of the segmental opening and concentrating at the same focal point.

2,122,733
STOKING INSTALLATION
Jacobus Nicolaas van Rijswijk, 's Gravenhage, Netherlands, assignor to Iron Fireman Manufacturing Company, Portland, Oreg.
Application July 31, 1935, Serial No. 34,041
In the Netherlands August 16, 1934
2 Claims. (Cl. 110—45)



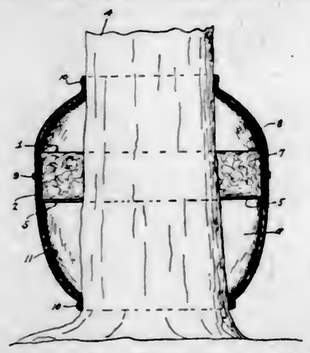
1. In combination, a retort section having a curved coal passage therethru receiving coal in

a horizontal direction and discharging the coal upwardly, a tuyère section adjacent the retort section to form therewith a fire-pot, a tube forming a cylindrical space intersecting the coal passage wall coaxially with the horizontally positioned coal receiving end of the coal passage, a worm shaft having a right line axis extending through the horizontal portion of the coal passage and also entirely through and beyond the cylindrical space which intersects the coal passage wall, and flights of opposite pitch on said worm shaft, one flight substantially fitting the horizontal portion of the coal passage and the other flight substantially fitting the cylindrical space formed by the tube so as to form a bearing for the worm shaft, and a motor for driving the worm shaft from the end extending through and beyond the cylindrical space.

2,122,734

MEANS FOR TREATING TREES

John Williamson Winford, Salem, Va.
Application April 6, 1937, Serial No. 135,331
1 Claim. (Cl. 47—24)



Means for treating trees comprising a split circular band of resilient spring material having substantially horizontally arranged pointed parts extending inwardly from its lower edge, the points of which are adapted to penetrate parts of the tree when the band is placed around a part of the trunk thereof, the ends of the band overlapping, said band and the pointed members forming a container for a freezing medium and a cover member, formed of waterproof and heat-insulating material having an intermediate part extending around the band and its end portions extending well below and above the band with the terminals of said end portions encircling portions of the tree trunk above and below the band, straps encircling said terminals for holding the same against said portions of the trunk and means for holding said intermediate portions of the covering member against the band.

2,122,735

MANUFACTURE OF MANGANESE DIOXIDE

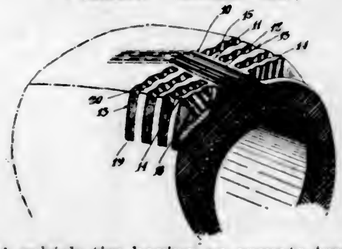
Alfred Félix Sébastien Bellone, Lyon, France, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France
No Drawing. Application January 10, 1935, Serial No. 1,158. In Great Britain January 12, 1934
7 Claims. (Cl. 23—145)

1. A process for the preparation of artificial oxide of manganese containing a large proportion of manganese dioxide, consisting in oxidizing manganous hydroxide in an aqueous ammoniacal solution by means of one of that group of substances including oxygen in a pure state and oxygen diluted with an inert gas under such a pressure that the partial pressure of the oxygen is greater than 0.30 kg. per sq. cm.

2,122,736

TIRE

Pierre Marcel Bourdon, Paris, France, assignor to Michelin & Cie, Clermont-Ferrand, France, a corporation of France
Application June 13, 1936, Serial No. 85,152
In France June 13, 1935
7 Claims. (Cl. 152—209)

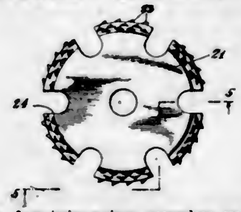


2. A vehicle tire having an arcuate tread comprising a plurality of flexible ribs, radially disposed around the tire, and having corrugated side surfaces the corrugations of which extend at an acute angle to the side surface of the ribs.

2,122,737

INSEAM TRIMMING DEVICE

Thomas J. Cuthbert, South Weymouth, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware
Application March 6, 1935, Serial No. 9,576
4 Claims. (Cl. 12—82)



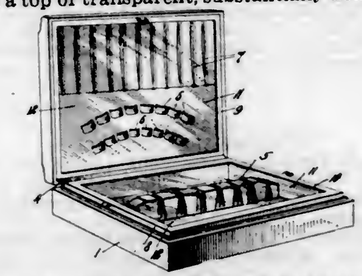
1. A device for trimming surplus material beyond the inseam of a welted shoe with a picking and beating action, comprising a rotatable heavy solid metallic disk shaped body having flat sides and a periphery convexly curved along a plane passing through the axis of the disk body with the greatest diameter of said disk body positioned in a plane between said flat sides, picking teeth extending from said periphery, said disk having a series of transverse peripheral notches extending from side to side thereof and separating its periphery into spaced picking and beating sections, and means for rotating said disk with sufficient momentum to pick and beat said surplus material.

2,122,738

DISPLAY CHEST FOR SILVERWARE, ETC.

Robert W. Drummond, Oneida, and Max Rogers, Earlville, N. Y., assignors to Oneida Limited, Oneida, N. Y., a corporation of New York
Application August 21, 1935, Serial No. 37,128
1 Claim. (Cl. 206—44)

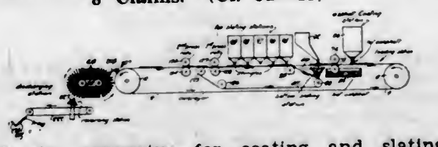
A display chest comprising a body and a lid hinged thereto, the lid being a substantial duplicate of the body, the body being formed with a bottom and upstanding side and end walls of considerable depth, a soft, yieldable lining within the body at the bottom thereof and a bodily separable and removable cover for the body, said cover comprising a frame open at its bottom and having side and end walls of considerable depth with a top of transparent, substantially non-frangible and non-readily-inflammable material, the cover fitting within the body and having its sides and ends making close, dust-excluding contact with the sides and ends of the body, with its bottom edges engaging and making close, atmospheric-excluding contact with the soft, yieldable lining of the body.



2,122,739

APPARATUS FOR COATING AND SLATING ROOFING SHINGLES

William G. Dudleston, Chicago Heights, Ill., assignor to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
Original application May 11, 1932, Serial No. 610,624. Divided and this application July 24, 1935, Serial No. 32,898. Renewed December 3, 1937
8 Claims. (Cl. 91—43)



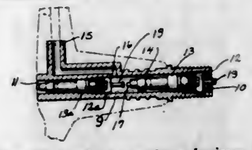
1. An apparatus for coating and slating shingles comprising in combination, means for conveying shingles forwardly in seriatim with their surfaces in a horizontal plane and their longitudinal edges parallel to the movement of said conveying means, means for applying liquid coating to a predetermined portion of the upper and lower surfaces and adjacent edges of said shingles, comprising a valved discharge disposed above the path of travel of said shingles and communicating with a bulk supply of said coating, and a rotating roll disposed below the path of travel adapted to apply a film of said coating from a bulk supply to the lower surface of the shingles as they are moved along on said conveyor, means for applying surfacing material to said coated portions, means for removing said shingles from said conveyor and means for driving the parts in timed relation.

2,122,740

VALVE STEM

Alfred E. Eckenroth, Denver, Colo.
Application May 22, 1937, Serial No. 144,145
6 Claims. (Cl. 277—1)

1. A valve stem for use in simultaneously inflating and deflating duplex inner tubes comprising, a stem having a substantially straight opening extending throughout its length and a lateral projecting portion provided with an opening, communicating with the opening in the stem at a point intermediate its ends, the diameter of straight opening between the outer end of the

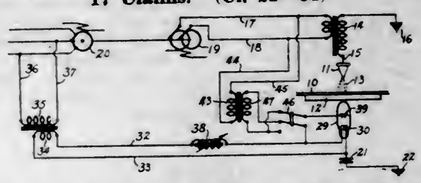


stem and the branch opening being larger than that part between the lateral opening and the inner end of the stem, the stem having two aligned valve assemblies opening in the same direction, one on each side of the lateral opening; and means for simultaneously opening both valves.

2,122,741

ELECTRIC STERILIZATION

Labeeb B. Haddad, New Haven, Conn., assignor to Products Protection Corporation, a corporation of Delaware
Application February 27, 1936, Serial No. 66,005
17 Claims. (Cl. 21—54)



1. In an electrical sterilizing apparatus having a source of high alternating potential to which is connected a corona discharge producing treatment circuit that comprises electrode means, means for presenting a product to be sterilized adjacent said electrode means and impedance means in series with the space in which said product is supported for limiting the breakdown of said space to a corona discharge, the combination therewith of means for controlling the wave shape of the corona discharge current, said controlling means comprising impedance means the impedance of which changes throughout each half cycle of the potential effective in said treatment circuit.

17. In the art of treating materials by means of a corona-like disruptive type of discharge which results from producing a fluctuating high potential gradient within a treatment zone by impressing a high potential across a pair of electrode structures, the steps of, producing an electrical stress within the treatment zone having a predetermined maximum value and impressing a control potential upon the means producing said electrical stress so as to cause the valuc of said electrical stress to vary along a predetermined wave-shape.

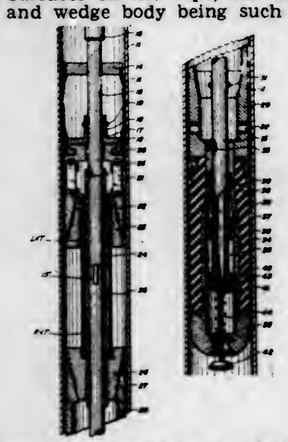
2,122,742

PACKER FOR USE IN WELLS

Dean Hanes, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application June 12, 1937, Serial No. 147,913
6 Claims. (Cl. 166—12)

1. A cement retaining assembly adapted for use in a "squeeze job" of oil well cementing which includes a central mandrel, drag springs

on the mandrel, slips connected to the drag springs, said slips having inclined inner surfaces, a wedge body co-acting with said slips and having inclined surfaces complementary to the inclined surfaces on the slips, the arrangement of slips and wedge body being such that upon



upward movement of said wedge body, the slips will engage the casing of the well, a packer located below the slips and wedge body, a sleeve mounted upon the mandrel and threaded to the wedge body and means for transmitting force from the packer to the sleeve and hence to the wedge body to engage the casing.

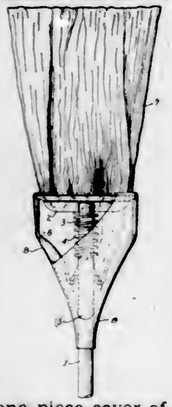
2,122,743

MOP

Dora H. Hasse, Cleveland, Ohio

Application October 9, 1936, Serial No. 104,789

1 Claim. (Cl. 15—247)



In a mop, a one-piece cover of elastic material adapted for engagement about the entire longitudinal extent of the clamping means of the mop and having its one open end portion of a comparatively greater width and having the edge portion about the larger end thereof restricted and reinforced by a bead, and hence adapted for resilient retaining engagement over and beyond the edge of the clamping means of the mop, the other open end portion of the cover being of comparatively reduced diameter for snug, gripping engagement about the handle of the mop, said cover being readily separable from the mop and being adapted for attachment thereto by inserting the handle of the mop through the larger end of the cover and resiliently engaging the reinforced portion thereof over and beyond the edge of the clamping means so as to enclose and protect the same, whereby the engagement of the two ends of the cover with the mop prevents accidental dislodgment thereof in either direction independently of the intermediate portion of the cover and thus constitutes the primary means of retaining the cover in effective and dependable position.

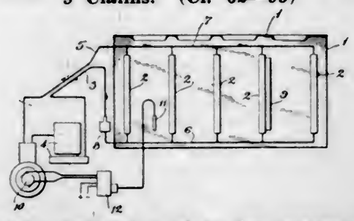
2,122,744

ICE CREAM CABINET

Wayne D. Jordan, New Rochelle, and Paul D. Van Vliet, Utica, N. Y., assignors to Savage Arms Corporation, Utica, N. Y., a corporation of Delaware

Application May 12, 1936, Serial No. 79,244

5 Claims. (Cl. 62—95)



1. The combination of an ice cream cabinet having a plurality of compartments, an intermittently operated refrigerating unit having a refrigerant evaporator circuit appurtenant to all of said compartments, the portions of said circuit appurtenant to the several compartments being in free pressure and liquid communication adapted to maintain a substantially equal liquid level for each compartment and a hold-over medium for the circuit local to one of said compartments.

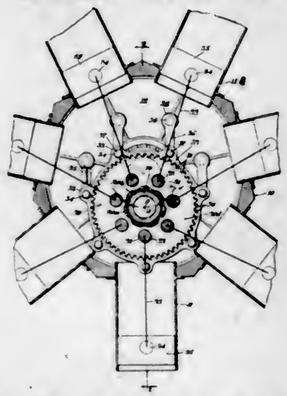
2,122,745

MASTERLESS CONNECTING ROD MECHANISM FOR RADIAL ENGINES OR PUMPS

Benjamin Kahn, New York, N. Y., assignor to Kinetic Cycle Research Corporation, New York, N. Y., a corporation of New York

Application March 2, 1936, Serial No. 66,559

16 Claims. (Cl. 121—120)



1. In a mechanism of the character described for converting reciprocating motion into rotary motion or vice versa, the combination of a crankcase, a crankshaft in the crankcase, a crankpin on the crankshaft, a knuckle pin receiving member on the crankpin, said knuckle pin receiver being subject to torque around the crankpin center, every point on the said member adapted to move in an annular orbit of the same magnitude as the orbit of the crankpin center under normal conditions, and self-adjusting means transmitting the said torque of the member to the crankcase, said means including auxiliary cranks, and a frame pivotally connected to the auxiliary cranks whereby every point on the knuckle pin receiver during abnormal condition is free to move in an annular orbit larger than the orbit of the crankpin center.

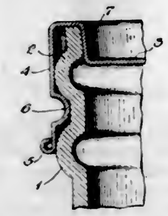
2,122,746

LOCK-TOP CONTAINER

Martin P. Kernahan, Phillipsburg, N. J., assignor to The Canister Company, Phillipsburg, N. J., a corporation of New Jersey

Application August 24, 1935, Serial No. 37,641

6 Claims. (Cl. 229—43)



1. A lock-top container comprising a paper body and metal cover respectively provided with ribs adapted to interlock, the cover including a wall of conical shape adapted to engage and support the paper rim of the body against bending away from interlocking relation with the ribs in the cover.

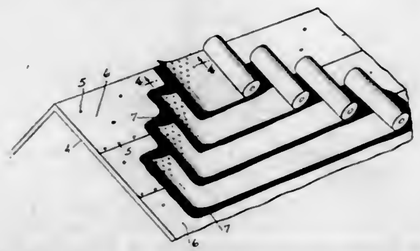
2,122,747

ROOFING FELT

Lester Kirschbraun, New York, N. Y., assignor to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts

Application December 31, 1936, Serial No. 118,477

6 Claims. (Cl. 108—7)



1. As an article of manufacture, a sheet of roofing felt, of indefinite length for the construction of built-up roof coverings and the like, the sheet comprising a body portion and a plurality of tabs, the tabs being individually of small area in relation to the area of the sheet and formed from the material of the sheet and integrally therewith, the tabs being displaceable from the plane of the body portion to permit the escape of entrapped gases and the like occurring in the laying of the roof covering.

2,122,748

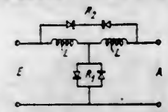
FOUR-POLE DEVICE CONTAINING NON-LINEAR RESISTORS

Hans Mayer, Berlin-Charlottenburg, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Berlin, Germany, a corporation of Germany

Application February 12, 1936, Serial No. 63,590

In Germany February 27, 1935

2 Claims. (Cl. 178—44)



1. A four-pole network comprising a bridge circuit having input and output terminals, two of the bridge arms including reactances, and the other two arms each including opposed rectifiers, the rectifiers in one arm being in series relation, and those in the other arm being in parallel relation.

2,122,749

PACKER FOR OIL WELLS

O. L. Morrisett, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.

Application June 19, 1937, Serial No. 149,111

6 Claims. (Cl. 166—12)



1. Apparatus adapted for use as a cement retainer in an oil well, including a packer, slips and operating mechanism for setting and releasing the slips and packer, said mechanism including a plurality of members certain of which have slots therein and one of which has a pin adapted to cooperate with the slots in the other members to selectively actuate the same.

2,122,750

LINE TELEVISION

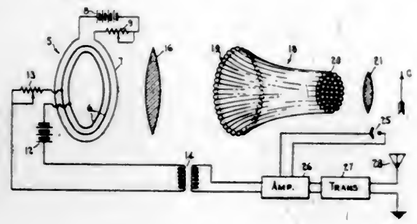
Alexander McLean Nicolson, New York, N. Y., assignor to Communication Patents, Inc., New York, N. Y., a corporation of Delaware

Application July 5, 1934, Serial No. 733,705

7 Claims. (Cl. 178—7.1)

1. In a two-way television system, means for producing a plurality of radiating beams of unit area dimensions, one of said beams being of constant intensity, means for varying another of said beams in accordance with the light and shade densities of an object, means for producing light with at least one of said beams, a group of light

channels having one set of terminals arranged in a stationary circular row, means for projecting said light on said stationary circular row of light terminals in serial order, said light channels having the other terminals thereof arranged in two dimensions, means for projecting light from said two-dimensional terminals, another group of light channels forming a two-dimensional pattern adjacent said first two-dimensional group of ter-



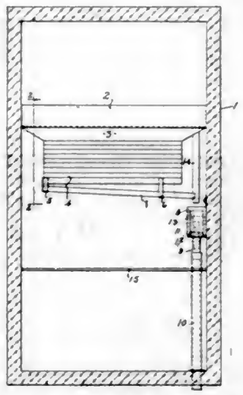
minals, said second group forming a second row of channels concentric with said first row, means for transmitting light through said second group of channels in accordance with the light and shade densities of an object, and means for utilizing said constant intensity beam as a commutator device for obtaining current variations proportional to the light intensities in one group of said channels.

2,122,751
JAR
John T. Phipps, Huntington Park, Calif., assignor to Halliburton Oil Well Cementing Company, a corporation of Delaware
Application November 2, 1935, Serial No. 47,991
14 Claims. (Cl. 255—27)



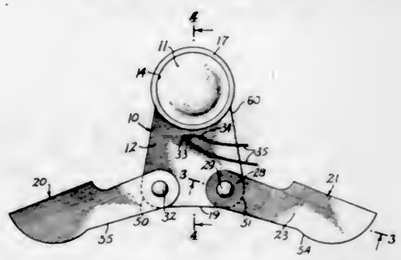
1. A jar having in combination a mandrel, an anvil member to be secured to a "fish", a hammer, a jar spring between the hammer and the mandrel; said mandrel adapted to be secured to a drill pipe adapted to have a tension taken in the same for the purpose of placing the "fish" under tension and for compressing the spring, and a mandrel operated lock adapted to maintain the said hammer and anvil separated until a given compression is taken in said spring whereby upon release of the lock the hammer strikes the anvil to deliver a blow to the "fish", the drill string and "fish" being maintained in continuous tension.

2,122,752
WATER ICE REFRIGERATOR
Clara E. Quinn, Mount Vernon, Ill., assignor to Broquinda Inc., Wilmington, Del., a corporation of Delaware
Application March 8, 1937, Serial No. 129,576
4 Claims. (Cl. 62—31)



1. In a water ice refrigerator, the combination comprising a heat insulated cabinet, a shallow metal pan mounted in the cabinet and dividing it into two spaces, said pan being adapted to support a body of water ice, means including a corrugated metal wall sealed to said pan to form therewith a plurality of closed chambers adapted to hold a liquid secondary refrigerant, a plurality of metal fins heat conductively connected to and depending from said corrugated wall, a container having means for maintaining a body of liquid therein, and means for conducting condensate which collects on said fins to said container.

2,122,753
MAGNIFYING DEVICE
Alice B. Ridabock, Stamford, Conn.
Application October 16, 1935, Serial No. 45,202
4 Claims. (Cl. 88—39)



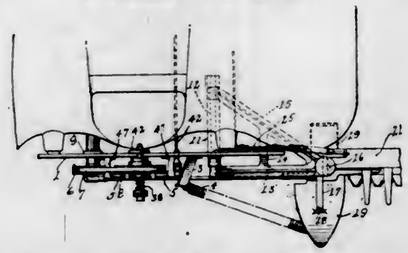
1. In magnifying apparatus, in combination, a magnifying lens, a support for said magnifying lens, a pair of arms pivotally connected to said support and being adapted to swing relative thereto and to each other to close over said lens and outwardly into an open position forming means for adjusting the relation between said support and the body of the user, flexible means secured to said support, said means being adapted to be attached to the body of the user, and means for adjusting the length of said flexible means whereby the lens may be moved toward and away from the eyes of the user.

2,122,754
PACKER FOR WELLS
Paul M. Rohrbaugh, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application July 12, 1937, Serial No. 153,088
11 Claims. (Cl. 166—12)



1. A packer assembly, suitable for use as a cement retainer in an oil well, which includes a packer, a set of slips located above the packer and adapted to hold the packer against upward movement when set on the casing of the well and means for setting and releasing the slips on the casing, said means including links having their outer ends connected to the slips and mechanism for actuating the inner ends of the links to cause the slips to move out and in radially in the casing.

2,122,755
MOWING ATTACHMENT FOR MOTOR VEHICLES
Milton Rowlison, Goshen, N. Y.
Application March 9, 1937, Serial No. 129,888
4 Claims. (Cl. 56—25)



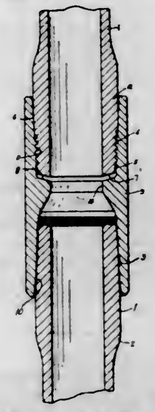
1. In a hay cutting attachment for a standard type of automobile having longitudinal side frame members and a crank shaft, a flat crossbar of substantially uniform cross-section adapted to be adjustably attached to the extreme forward ends of the side frame members of an automobile, a first bracket attached to and depending from the bar, a first pulley rotatably supported by the bracket, a stub shaft supported by said bar and adapted to be connected to the extreme forward end of the crankshaft of the automobile, a second pulley rotatably mounted on said shaft, a clutch for connecting the second pulley to the stub shaft, a belt passing over said pulleys, a second bracket depending from said bar and having a horizontal bearing, a normally horizontal triangular member having a pair of spaced bearings in alinement with and embracing the ends of the horizontal bearing, a pivot pin passing through said bearings, a normally vertical member connected to said triangular member for rotation about a vertical axis, a hay cutter of the reciprocating type, said cutter having its inner end connected to the vertical member for rotation about a horizontal axis, and means associated with said first pulley for reciprocating the blades of said cutter.

2,122,756
ELECTROLYTIC CONDENSER
Nathan Schnoll, New York, N. Y., assignor to Solar Manufacturing Corporation, a corporation of New York
Application September 11, 1935, Serial No. 40,058
5 Claims. (Cl. 175—315)



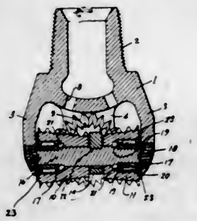
3. The method of making terminal connections of separate terminal members with condenser foils, comprising riveting said members with hollow rivets to said foils within the body of the condenser, insulating the exposed parts of said riveting connections in such a way that the insulation is anchored to the foil by passing through said hollow rivets and protecting the rivet connection by enfolding it in said foil.

2,122,757
DRILL STEM COUPLING
Floyd L. Scott, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application July 5, 1935, Serial No. 29,771
5 Claims. (Cl. 285—146)



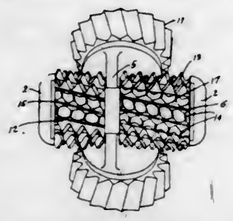
2. A tool joint comprising a coupling member, an inwardly tapered box on one end, a sealing shoulder at the inner end of said box, a coarsely threaded area of sufficient length to furnish attachment to a pipe, the outer half of the box being unthreaded, a pipe section, a shoulder at the forward end thereof to engage said sealing shoulder, a short threaded area adjacent to said shoulder, and a smoothly tapered area to engage and wedge within said unthreaded area of said box as said threaded areas are screwed tightly together.

2,122,758
CUTTER SUPPORT FOR ROLLER DRILLS
Floyd L. Scott, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application July 6, 1936, Serial No. 88,978
7 Claims. (Cl. 255—71)



1. In a cross roller drill, a head having a cutter receiving recess at the forward end thereof, a bridge extending across said recess, shafts at the ends of said bridge, a cross roller shaft extending across said recess and through an opening transversely of said bridge, interfitting means on said shaft and bridge to engage said cross roller shaft detachably against longitudinal movement in the opening in said bridge, cutters on said shafts and means to weld the ends of said shafts to the inner walls of said recess.

2,122,759
DRILL CUTTER
Floyd L. Scott, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application July 16, 1936, Serial No. 90,839
6 Claims. (Cl. 255—71)



1. A drill cutter mounted to roll upon the well bottom, teeth formed on the outer periphery thereof, said teeth being chisel-shaped with cutting crests thereon and formed in rows longitudinally of the cutter and also in rows in a zigzag direction around the circumference of the cutter and troughs between said circumferential rows.

2,122,760
YIELDABLE PIPE WRENCH
Floyd L. Scott and Ralph P. Sherman, Houston, Tex., assignors to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application July 16, 1936, Serial No. 90,840
4 Claims. (Cl. 81—53)

1. A pipe wrench including a handle, pipe engaging members thereon, an arm pivotally attached to the outer end of said handle at one of its ends and extending along said handle approximately parallel therewith and spaced therefrom, said arm also projecting slightly beyond the outer end of said handle and adapted for attachment to a pull line, means to resiliently oppose the movement of the inner end of said arm toward said handle and means to indicate when a pre-

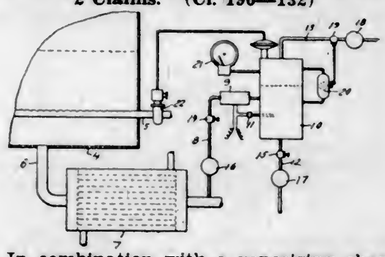


determined pull is exerted upon the outer end of said arm.

2,122,761
METHOD OF MAKING BEER OR THE LIKE
John F. Silhavy, Saginaw, Mich.
No Drawing. Application November 30, 1935, Serial No. 52,404
26 Claims. (Cl. 99—52)

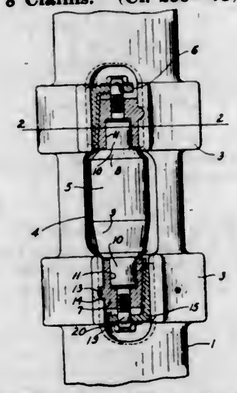
1. A method of the character described for improving the taste of beer or the like, which comprises dialyzing a fermented wort against an unfermented wort to cause migration of malt flavored substances through a semi-permeable membrane to the fermented wort.

2,122,762
ART OF DISTILLATION
Reading B. Smith, Attleboro, Mass., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine
Application March 11, 1933, Serial No. 660,336
2 Claims. (Cl. 196—132)



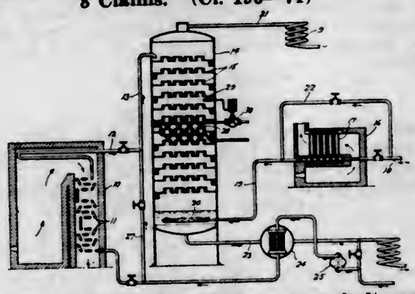
2. In combination with a vaporizing chamber including means for direct introduction of a stripping medium, a closed chamber, connections for supplying unvaporized liquid from the vaporizing chamber thereto and for discharging liquid therefrom, means for maintaining a substantially constant ratio between rate of liquid supply and rate of liquid discharge, means for maintaining a constant temperature therein, a connection for discharging vapors therefrom, means responsive to changes in liquid level therein for increasing the rate of vapor discharge as that level rises and vice versa, and means responsive to changes in pressure therein for decreasing the rate of introduction of stripping medium through the first-mentioned means as that pressure decreases and vice versa.

2,122,763
CUTTER MOUNTING
Fred. C. Smith, Jr., Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Delaware
Application February 25, 1937, Serial No. 127,578
8 Claims. (Cl. 255—73)



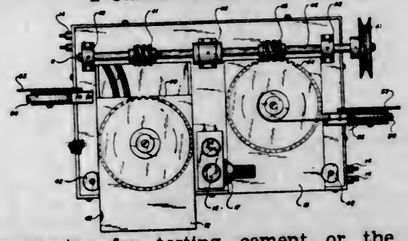
1. A reamer body having a plurality of cutter pockets therein, a reamer cutter in each pocket, a mortised recess at each end of each of said pockets, one side of each recess having a transverse groove, a bearing pin at each end of each cutter, a bearing block to receive said pin, said block being mortised to fit loosely in said recess, a ridge thereon to engage said groove, and a longitudinally tapered wedge plate formed to engage the side of said block opposite said ridge and within said recess to wedge said block in position.

2,122,764
PRODUCTION OF BLOWN ASPHALT
John Samuel Wallis, New York, and Harry R. Swanson, White Plains, N. Y., assignors to Foster Wheeler Corporation, New York, N. Y., a corporation of New York
Application January 31, 1930, Serial No. 424,918
8 Claims. (Cl. 196—74)



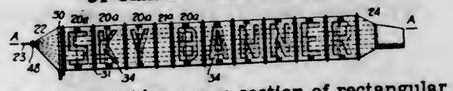
5. The process of oxidizing an asphalt component of a hydrocarbon fluid for the production of blown asphalt which consists in continuously cascading the asphalt component downwardly over bubble trays in a tower, continuously passing an oxidizing gas upwardly through said tower in direct contact with the downwardly cascading asphalt component to thereby oxidize the asphalt component and regulating the temperature at an intermediate point in the tower between bubble trays to maintain the temperature within limits below temperature of substantial vaporization of the asphalt component and sufficiently high to effect chemical reaction between the asphalt component and the oxidizing gas.

2,122,765
APPARATUS FOR TESTING CEMENT
John E. Weiler, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application May 15, 1937, Serial No. 142,840
1 Claim. (Cl. 265—11)



Apparatus for testing cement or the like which includes a box having a sliding panel on the top thereof, a gear mounted on the box, a container adapted to hold cement mounted for rotation on the panel, said container having a gear thereon adapted to mesh with the gear on the box, the arrangement being such that in one position of the panel, the gears are in mesh and in another position of the panel the gears are out of mesh.

2,122,766
AERIAL BANNER
Edward G. Wiemer, Lynbrook, N. Y.
Application July 21, 1937, Serial No. 154,713
34 Claims. (Cl. 40—127)



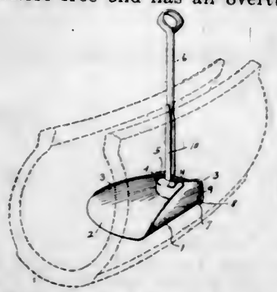
1. In an aerial banner, a section of rectangular shape adapted to display a character, comprising a spacer bar, a plurality of spaced parallel stringer members secured to the spacer bar, and opaque fabric elements secured to the stringer members throughout the whole of their common extent, the fabric elements occupying a portion of the area of the section and being disposed on the stringer members to form an opaque background delineating the character.

20. An aerial banner adapted for towing behind an aircraft and having a trailing lift contributing element in the form of a tapering air tube open at the front and rear, securing means for the tapering tube to insure that its lowermost position is parallel with the line of thrust while its upper portions are at a positive angle of incidence with the line of thrust to insure lift, and means to limit the horizontal angle through which the tube may swing relative to the direction of flight of the banner.

2,122,767
SCAVENGING IMPLEMENT
Christian G. Williams, Palacios, Tex.
Application March 19, 1936, Serial No. 69,624
1 Claim. (Cl. 15—104)

A scavenging implement comprising a collector scoop-like in form having a relatively wide bottom which flares forwardly and having sides whose upper margins taper forwardly and merge with the forward margin of the bottom, said collector having a rear wall extending entirely across the rear end thereof from top to bottom, a transverse top ledge at the rear end of the collector, a handle, a transverse sleeve secured to the outer side of the rear end of the

collector near the bottom thereof, a hinge member having a cross-bar extended through said sleeve and having arms which are forwardly curved and whose free ends are inwardly turned and secured to the inner end of the handle, a spring latch fastened to the forward side of the handle whose free end has an overturned catch



engageable underneath the ledge when the implement is in operative position, said catch being releasable from the ledge upon rearward movement of the handle relative to the collector to permit the collector to be swung around into released position with the bottom of the collector substantially parallel with the handle.

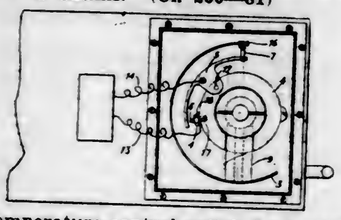
2,122,768

TEMPERATURE CONTROL DEVICE

Lloyd L. Young, Patchogue, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application July 10, 1935, Serial No. 30,670

4 Claims. (Cl. 200—81)



1. A temperature control switch for regulating the temperature of a heating unit located within a casing containing a fluid, said switch comprising a central support tube located above said casing and in fluid communication therewith, an opening in the side of said central support tube, an insulating ring surrounding said central support tube, a pressure gauge of the Bourdon tube type partly surrounding said insulating ring and in fluid communication with the opening in said support tube, a linkage system secured to said insulated ring and arranged to operate electrical contacts for regulating the heating unit located within said casing.

2,122,769

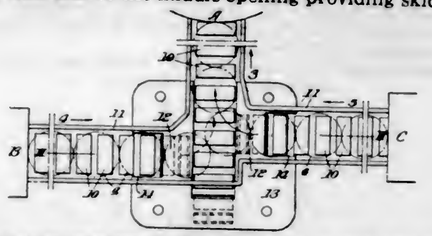
CONTAINER CONVEYER AND DISTRIBUTOR

Christian N. Bergmann, Pittsburgh, Pa., assignor of two-sixths to Charles M. Clarke, Sewickley, Pa.

Application October 27, 1936, Serial No. 107,841

6 Claims. (Cl. 198—32)

1. In combination, a longitudinal conveyer adapted to receive conveyed units from opposite sides and to deliver them to a receiving station, a pair of oppositely moving lateral conveyers each arranged at an angle thereto at opposite sides, and a unitary bridge plate having a middle clearance opening and slat-supporting flanges for the longitudinal conveyer and lateral bridge sections at each side of the middle opening providing skid-



way supports from the lateral conveyers to the longitudinal conveyer.

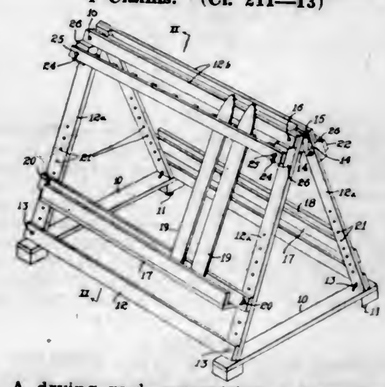
2,122,770

FUR DRYING RACK

Leon J. Colin, Tarentum, Pa.

Application December 7, 1936, Serial No. 114,538

4 Claims. (Cl. 211—13)



1. A drying rack comprising a base, inclined drying frames supported on said base, a trough adjustably mounted on each of said frames for receiving the lower ends of a series of pelting boards, and a spacing member secured to each of said frames adjacent the top thereof and adapted to engage the outer surfaces of said pelting boards for retaining them in place on said frame.

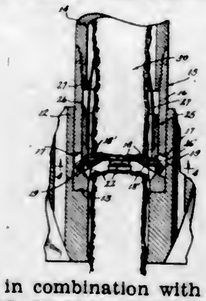
2,122,771

CORE CATCHER

Reid B. Grainger, Redondo Beach, Calif., assignor to Elliott Core Drilling Company, a corporation of California

Application December 11, 1937, Serial No. 179,307

3 Claims. (Cl. 255—72)



1. For use in combination with a core barrel, core catching means comprising: a tubular member mounted on the lower end of the core barrel; core catching dogs pivotally mounted in said tubular member; spring means for yieldably holding said dogs in a retracted position; a core engaging member slidably mounted in said tubular member and adapted to engage said dogs, said core engaging member being adapted to force said dogs to a core engaging position when said core barrel is raised with a core therein.

2,122,772

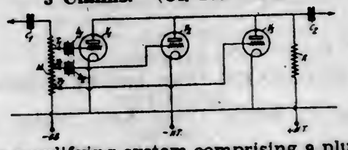
THERMIONIC AMPLIFIER

Ernest Green, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware

Application October 29, 1932, Serial No. 640,280

In Great Britain October 29, 1931

3 Claims. (Cl. 179—171)



1. An amplifying system comprising a plurality of tubes, each having an anode, a cathode and a grid, means connecting the anodes of the tubes directly in parallel, means connecting together the cathodes of said tubes, an alternating current output circuit connected between the parallelly connected anodes and said cathodes, an alternating current input circuit, means connecting the cathodes of said tubes to said input circuit, means connecting the grids of said tubes to points of different alternating current potential in said input circuit, and means for subjecting each grid to a different direct current potential with respect to its associated cathode.

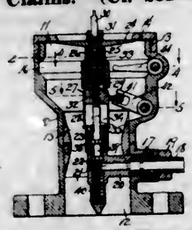
2,122,773

VALVE FOR CARBURETORS

Grant Hammond, Hamden, Conn.

Application February 20, 1934, Serial No. 712,106

2 Claims. (Cl. 251—34)



1. In a carburetor including a shell having a fuel inlet, a valve casing having a chamber communicating with said inlet, a valve member movably mounted in said casing and projecting through an opening in the end of said chamber and adapted to close said opening, a groove extending lengthwise along said valve and increasing in cross sectional area in the direction of flow of fluid along the valve, a spring for forcing the valve to its closed position, and means for moving the valve in opposition to said spring.

2,122,774

STENCIL SHEET

Shinjiro Horii, Kanda-ku, Tokyo, Japan

No Drawing. Application May 7, 1937, Serial No. 141,249. In Japan April 6, 1937

4 Claims. (Cl. 41—38.6)

1. A stencil sheet consisting of a base of fibrous material coated with a composition comprising an organic colloid, an oily softening agent, and an activated Japanese acid clay.

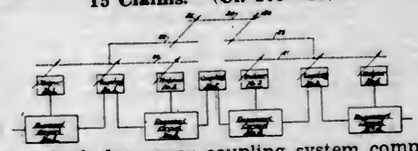
2,122,775

RADIO RECEIVING CIRCUITS

Kenneth W. Jarvis, Chicago, Ill., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application September 28, 1934, Serial No. 745,880

15 Claims. (Cl. 178—44)



6. A high frequency coupling system comprising a pair of resonant circuits each including reactance elements of opposite types and tuned to a selected frequency, a reactance common to and coupling said circuits, means for substituting for the coupling reactance between said circuits a common coupling reactance of different value to vary the resonance band width of said system and for simultaneously inserting a supplemental reactance element in each of said circuits to prevent shifting of the resonance band in the frequency scale with variation in the band width.

2,122,776

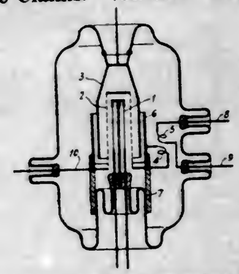
ELECTRON DISCHARGE TUBE

Kurt Matthies, Berlin-Siemensstadt, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin, Siemensstadt, Germany, a corporation of Germany

Application May 2, 1936, Serial No. 77,517

In Germany May 2, 1935

8 Claims. (Cl. 250—27.5)



1. An electron discharge tube having a concentric system of electrodes including a cathode, two auxiliary electrodes and an anode interposed between said auxiliary electrodes, an inductive reactance mounted within the tube envelope and having terminals each connected to one of said auxiliary electrodes respectively, said inductive reactance in combination with the inherent interelectrode capacitances constituting a resonant circuit tuned to the frequency of the oscillations to be generated, a grid biasing lead connected to one of said auxiliary electrodes and an output coil coupled to said inductive reactance.

2,122,777

HYDROCARBON OIL CONVERSION

Jacque C. Morrell, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago Ill., a corporation of Delaware

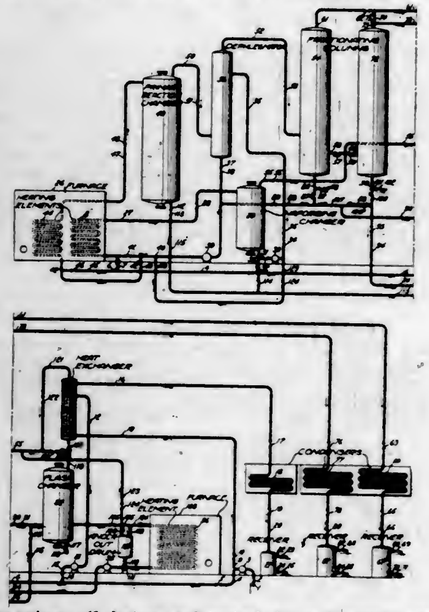
Application August 25, 1930, Serial No. 477,531

Renewed April 5, 1937

7 Claims. (Cl. 196—48)

1. A process for the conversion of heavy hydrocarbon oils which comprises subjecting charging

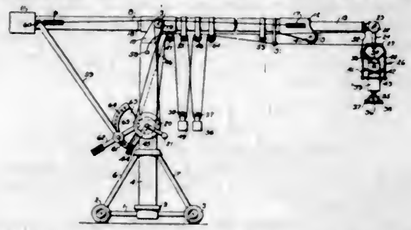
oil in a heating zone to cracking temperatures, reacting the oil so treated in a reaction zone to form vapors and unvaporized residue, withdrawing the vapors and subjecting them to partial condensation in a dephlegmating zone to form vapors and reflux condensate, the vapors from the dephlegmating zone being subjected to fractionation in a fractionating zone to separate the lighter from the heavier components thereof, unvaporized residue from the reaction zone being withdrawn to a zone of reduced pressure wherein it is distilled by virtue of its contained heat, cold



charging oil being subjected to a topping step outside said reaction zone and separated into lighter components in the form of vapors and heavier components in the form of liquid, passing vapors from the zone of reduced pressure and from the topping step directly to the fractionating zone, liquid from the topping step being introduced in part into the zone of reduced pressure to assist in controlling distillation therein, and in part into the dephlegmating zone to assist in the partial condensation of the vapors from the reaction zone.

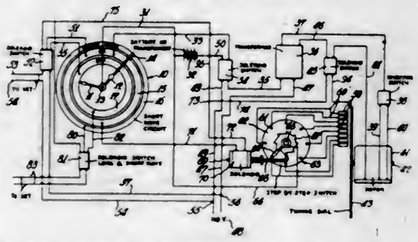
2,122,778
MICROPHONE BOOM
William A. Mueller, Hollywood, Calif., assignor to United Research Corporation, Burbank, Calif., a corporation of Delaware
Refiled for abandoned application Serial No. 639,321, October 24, 1935. This application October 17, 1936, Serial No. 106,157
5 Claims. (Cl. 179—152)

1. A microphone boom comprising a truck, a support carried thereby, a telescoping cross-arm carried by said support, a microphone carried by said cross-arm, a plurality of adjacent hand-operated devices mounted on said support, means connected to one of said hand-operated devices for telescoping said cross-arm to move said microphone into positions at different distances from said support, and an extensible, mechanical cable mechanism connected to another of said hand-operated devices and to said microphone and adapted to be extended and retracted for



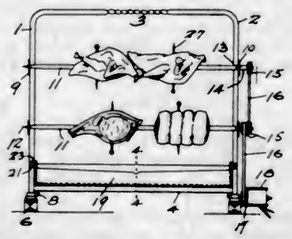
rotating said microphone when moved different distances away from said support.

2,122,779
AUTOMATIC TIME AND PROGRAM SELECTOR
Charles F. Peters, Great Kills, Staten Island, N. Y.
Application April 3, 1936, Serial No. 72,593
15 Claims. (Cl. 250—20)



2. An automatic time clock, switch and station selector adapted for radio receiving sets comprising a time clock, a tuning dial, a motor to drive said dial, circuit closer means on both said clock and dial to close circuits at predetermined times and stations or wave lengths respectively and a set switch operated by one of said circuits to turn on the set, said motor being started by one of said circuits established by the clock and being stopped by a circuit established by said dial, said clock being provided with three metallic rings mounted on an insulating base, one to turn the set and motor on, one to turn the set off and one to turn the set on to short wave lengths, when the circuits are closed respectively therethrough.

2,122,780
ROTARY COOKING APPLIANCE
Harlan I. Peyton, Spokane, Wash.
Application June 16, 1937, Serial No. 148,605
7 Claims. (Cl. 53—5)



1. In a rotary cooking appliance, the combination with an upright frame and spaced bearing-

hooks on said frame, of a removable drip-pan having end pivot-pins supported in the bearing-hooks, said pan being over-weighted at its rear, and co-acting means on the pan and frame to prevent over-turning of the pan on its pivot pins.

2,122,781
PARASITICIDES
Paul L. Salzberg, Edge Moor, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 16, 1935, Serial No. 21,811
16 Claims. (Cl. 167—30)

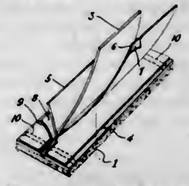
4. Compounds of the formula $R(CNX)_y$ in which R is an alicyclic hydrocarbon radical of valence y and containing at least 10 carbon atoms and X is an element selected from Group VI—B of the periodic table.

2,122,782
ADVERTISING DEVICE
Nicholas Sandor, Surbiton, England, assignor to I. S. M. Limited, London, England, a British company
Application March 31, 1937, Serial No. 134,064
In Great Britain April 2, 1936
4 Claims. (Cl. 40—36)



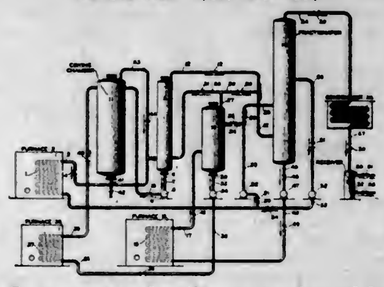
1. An advertising device for use in displaying in succession cards containing advertising matter comprising a cabinet, a guide track for the cards within said cabinet, said guide track comprising vertical guide portions disposed adjacent the front and the rear of the cabinet and an upper and a lower guide track associated with said vertical guide portions at the upper and lower ends of the latter, a unitary reciprocatory carriage disposed in said cabinet, said reciprocatory carriage including hooked members for raising one card in its upward movement and delivering it on to the upper guide track, projections on said carriage for feeding the cards along said upper guide track and other projections on said carriage for effecting release of the foremost card from this track concomitantly with the delivery of the rearmost card on the track, means for closing the end of the vertical guide track and thus preventing fall of a card from the upper guide track at one end after a card has been raised and delivered thereon and means for closing the upper guide track at the other end after a card from said track has been released for lowering.

2,122,783
PERMANENT WAVING
Eugene F. Suter, New York, N. Y., and George B. Finnegan, Jr., Mountain Lakes, N. J., assignors to Eugene Ltd., New York, N. Y., a corporation of New York
Application April 30, 1936, Serial No. 77,124
13 Claims. (Cl. 132—36)



1. A device for permanent waving including in combination a scalp-protecting pad adapted to lie against the scalp adjacent a tress to be wound, an absorbent sheet projecting from the upper face of the pad, moisture sealing material on the outer surface of said sheet, flexible sheet-like heating means adjacent to said absorbent sheet, means for supporting the wound tress on the pad and substantially parallel to the upper face thereof, the absorbent sheet and sealing material being wrapped around the wound tress.

2,122,784
CONVERSION OF HYDROCARBON OILS
Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application August 17, 1935, Serial No. 36,611
10 Claims. (Cl. 196—49)



1. In a process for the conversion of hydrocarbon oils wherein a relatively low boiling hydrocarbon oil is subjected to conversion conditions of cracking temperature and superatmospheric pressure in a heating coil, the heated products introduced into a reaction chamber, maintained under cracking conditions of temperature and superatmospheric pressure, wherein vaporous and residual liquid conversion products separate and the vapors are subjected to appreciable continued conversion, the vaporous conversion products withdrawn from the reaction chamber and subjected to fractionation for the formation of reflux condensate and the recovery of desirable light distillate by condensation of the fractionated vapors, the reflux condensate separated into selected relatively low boiling and high boiling fractions and the low boiling fractions supplied to said heating coil for conversion, the improvement which comprises subjecting the high boiling fractions of the reflux condensate to independently controlled conversion conditions of cracking temperature and superatmospheric pressure in a separate heating coil, introducing the heated products from said separate heating coil

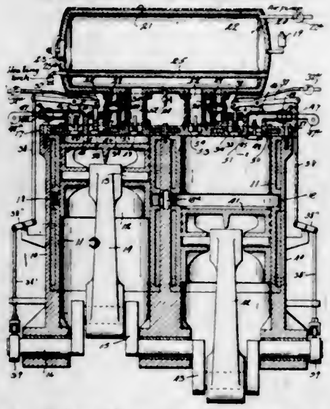
into a vaporizing chamber, wherein separation of their vaporous and residual liquid components is accomplished, withdrawing vaporous products from the vaporizing chamber and introducing the same to the reaction chamber wherein they are subjected to continued conversion, withdrawing non-vaporous residual liquid from said vaporizing chamber, quickly heating the same to a high conversion temperature under non-coking conditions, introducing the resulting highly heated residual liquid into a coking chamber operated at substantial superatmospheric pressure, wherein it is reduced to coke, withdrawing vaporous products from the coking chamber and introducing the same into said reaction chamber, wherein they commingle with the heated products from the first mentioned heating coil and are subjected therewith to appreciable continued conversion.

2,122,785

INTERNAL COMBUSTION ENGINE

Walter Howard Tinker, Muncie, Ind., and Edward J. Mallon, Chillicothe, Ohio

Application May 22, 1934, Serial No. 726,990
Renewed September 11, 1936
5 Claims. (Cl. 123—33)



1. In an internal combustion engine, a plurality of cylinders, pistons therein operating at different crank angles, a thermally insulated compressed air reservoir acting as a common clearance for all the cylinders of the engine and having a greater capacity than the combined volumes of all the cylinders of the engine, means for compressing the air within said reservoir to a pressure equal to that required for starting the engine under load, means for raising the temperature of the air within the reservoir to a degree equal to the compression temperature of the cycle, means for admitting air to each cylinder at the end of the power stroke of the piston thereof, whereby said air is compressed upon the next succeeding compression stroke, means permitting the passage of air so compressed into the reservoir at the end of the compression stroke of each piston, a thermally insulated passage connecting the reservoir with the head end of each cylinder, a valve controlling the flow of air from said passage into the head end of each cylinder, means for opening the said valve immediately that the pressure within the cylinder decreases below the pressure within the reservoir due to the movement of the piston on its power stroke, and means for injecting liquid fuel directly into each cylinder on each power stroke of the piston thereof regardless of the position of said valve and regardless of the engine speed.

2,122,786

DEHYDROGENATION OF PARAFFIN HYDROCARBONS

Hans Tropsch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application June 30, 1934, Serial No. 733,333
3 Claims. (Cl. 260—170)

1. A process for the dehydrogenation of gaseous paraffin hydrocarbons to produce olefin hydrocarbons which comprises, subjecting the said gaseous paraffin hydrocarbons to an elevated temperature in the presence of magnesium oxide, chromium trioxide and zinc oxide.

2,122,787

TREATMENT OF PARAFFIN HYDROCARBONS

Hans Tropsch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application January 25, 1935, Serial No. 3,474. Renewed January 14, 1937
15 Claims. (Cl. 260—170)

13. A process for dehydrogenating hydrocarbons which comprises subjecting the hydrocarbons to dehydrogenating conditions in the presence of a magnesium oxide catalyst containing a chromate in relatively small but sufficient amount to promote the catalytic activity of the oxide.

2,122,788

DEHYDROGENATION OF GASEOUS PARAFFINS

Hans Tropsch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application July 12, 1935, Serial No. 31,103
11 Claims. (Cl. 260—170)

1. A process for the dehydrogenation of normally gaseous paraffin hydrocarbons to produce olefin hydrocarbons which comprises subjecting said paraffin hydrocarbons under dehydrogenating conditions to the action of a catalyst comprising essentially aluminum oxide supporting a promoter catalyst comprising essentially a chromate and a salt of an acid selected from the group consisting of sulfuric, nitric and acetic acids.

11. A catalyst suitable for use in the dehydrogenation of hydrocarbons comprising a mixture of a major proportion of aluminum oxide and minor proportions of a chromate and a salt of an acid selected from the group consisting of sulfuric, nitric and acetic acids.

2,122,789

DEHYDROGENATION OF GASEOUS PARAFFINS

Hans Tropsch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application July 12, 1935, Serial No. 31,104
10 Claims. (Cl. 260—170)

5. A process for producing olefins from paraffin hydrocarbons which comprises subjecting the paraffins under dehydrogenating conditions to the action of an aluminum oxide catalyst containing lead chromate in minor proportion.

9. A catalyst suitable for converting paraffins into olefins comprising a mixture of a major proportion of aluminum oxide and a minor proportion of lead chromate.

2,122,790

TREATMENT OF PARAFFIN HYDROCARBONS

Hans Tropsch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application August 24, 1935, Serial No. 37,752
8 Claims. (Cl. 260—170)

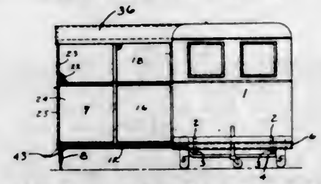
8. A process for converting gaseous paraffin hydrocarbons into their corresponding olefins which comprises subjecting the paraffin hydrocarbon to dehydrogenating conditions in the presence of magnesium oxide supporting a relatively small but sufficient amount of chromium trioxide to promote the catalytic activity of the magnesium oxide.

2,122,791

FOLDING PORCH CONSTRUCTION

Charles E. Bollstrom, Berrien Springs, Mich., assignor of one-half to Henry A. Hill, Goshen, Ind.

Application September 17, 1937, Serial No. 164,281
14 Claims. (Cl. 296—23)



1. A folding unit adapted to be carried beneath a house trailer or the like and to be extended laterally to one side thereof and opened into an enclosure forming additional living quarters, comprising a floor member and side and end wall sections connected thereto and movable from a flat position on said member into vertical position to form, with the adjacent side wall of said trailer, an enclosed structure projecting from one side of the trailer body.

2,122,792

ELECTRIC CABLE CONNECTER

Carl G. Bondeson, Terryville, Conn., assignor to The Andrew Terry Company, Terryville, Conn., a corporation of Connecticut

Original application May 25, 1932, Serial No. 613,452. Divided and this application July 15, 1936, Serial No. 90,645
3 Claims. (Cl. 285—6.5)



1. An outlet-box connecter for a conduit or cable, said connecter comprising a tubular body consisting of a substantially stirrup-shaped sleeve portion at one end and an immediately adjoining and externally threaded cylindrical nipple portion at its other end, the interior of said sleeve portion and the interior of said nipple portion providing a substantally straight-line passageway through the body from end to end through which a conduit or cable may be inserted into an outlet box to which the body is secured by a lock nut threaded on said nipple after the body has been inserted in a hole in such box, the interior of the sleeve portion being stirrup-shaped to provide a conduit or cable-fitting section at the bowl of the stirrup and to provide opposite such bowl a tapering U-shaped clearance channel, said nipple portion having an internal projection near its free end to limit insertion of the cable or conduit in said body, and the body having an external projection near the point of jointure of the nipple and sleeve portions to limit insertion of the body into an outlet box; and means for clamping the conduit or cable in said sleeve portion, said means including a screw passing through a wall of said channel at a point opposite said bowl and extended into the channel and toward substantially the center of said bowl, and a gripping element in the channel floatingly tiltingly mounted on the inner end of the screw.

2,122,793

TREATMENT OF CELLULOSE ACETATE AND OTHER ORGANIC ESTERS OF CELLULOSE

Henry Dreyfus, London, and Robert Wighton Moncrieff, Spondon, England, assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application May 16, 1936, Serial No. 80,166. In Great Britain May 23, 1935
9 Claims. (Cl. 8—20)

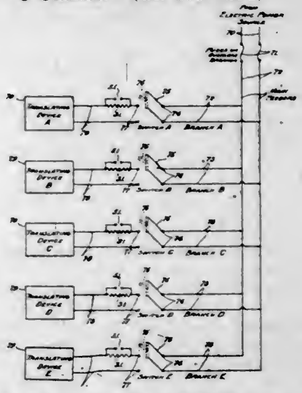
4. Process for modifying the properties of organic esters of cellulose, comprising reducing the acidyl content of the ester by treatment with a hydrolyzable halide of titanium which on hydrolysis forms a solution that effects reduction of the acidyl content.

2,122,794

ELECTRIC CIRCUIT PROTECTION

Benjamin E. Getchell, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut

Original application October 3, 1932, Serial No. 635,913, now Patent No. 1,996,720, dated April 2, 1935. Divided and this application March 30, 1935, Serial No. 13,811
5 Claims. (Cl. 175—294)



1. An electric circuit including an overload protective device and independent means for determining the establishment of a heavy current surge, including an electrical resistance unit in series with said circuit normally limiting the current flowing therethrough upon the occurrence of an external short-circuit, two conducting electrodes connected to the respective terminals of said resistance unit and separated from one another by a gap sufficiently great so that the electromotive force present between said electrodes

under conditions of normal current flow through said resistance will not discharge across said gap, a passageway substantially open to gas flow between said gap and said resistance unit so that when an external short circuit occurs, said resistance unit will be heated and give rise to ionized gases, and so that said gases will be conducted to said gap and cause an electrical discharge thereacross, thereby effectively shunting said current limiting resistance and establishing said heavy current surge, thereby operating said overload protective device and opening said circuit.

2,122,795

METHOD OF STABILIZING SULPHUR CONTAINING PETROLEUM OILS

Basil Hopper, Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application June 15, 1936, Serial No. 85,325
4 Claims. (Cl. 196—41)

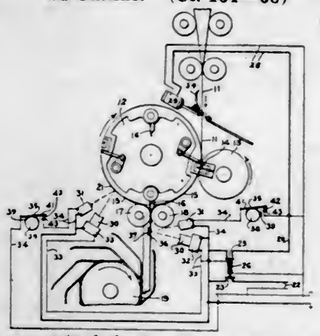
3. In the method of stabilizing sulphur containing petroleum oils against color deterioration or gum formation which oils have been subjected to treatment with a copper reagent, the steps of contacting said copper treated oil while in the liquid phase with an aqueous solution of an alkali metal carbonate and separating the stabilized oil from said solution.

2,122,796

CONTROLLING DEVICE FOR PRINTING MACHINES

Albert J. Horton, White Plains, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application August 10, 1935, Serial No. 35,592
24 Claims. (Cl. 164—68)



1. In a control device for a printing machine having a rotary folding cylinder, a light responsive electrical device positioned and arranged to detect the presence of a product on the folding cylinder at an improper time, and control means actuated by said device, when this occurs, to stop the machine.

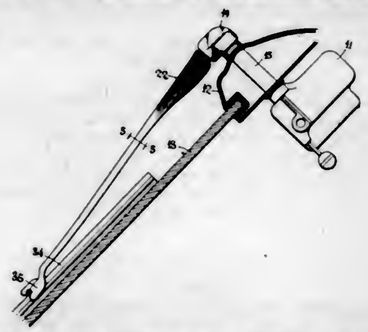
2,122,797

WINDSHIELD CLEANER

Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.

Application August 30, 1935, Serial No. 38,612
8 Claims. (Cl. 15—255)

1. In a windshield cleaner, a shaft having a depending projection with forward, upper and lower surfaces; a member detachable upon said depending projection of the shaft and having surfaces engaging said forward, upper and lower surfaces; a wiper arm having an articulated connection to said member whereby the arm may move about the point of connection toward the



windshield, and spring means acting between said projection and arm for urging the latter about its pivot toward the windshield and to retain said member upon said projection.

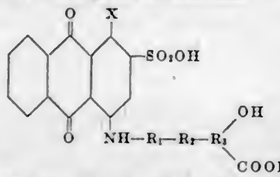
2,122,798

ACID DYESTUFFS OF THE ANTHRAQUINONE SERIES CAPABLE OF BEING CHROMED

Georg Kränzlein and Ernst Diefenbach, Frankfort-on-the-Main, Erich Fischer, Bad Soden-on-the-Taunus, Ernst Honold, Fritz Eggert, and Helmut Krauss, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application December 17, 1935, Serial No. 54,940. Renewed August 26, 1937. In Germany December 22, 1934
5 Claims. (Cl. 260—59)

1. The members of the group consisting of the compounds of the general formula



wherein X means a member of the group consisting of amino and hydroxy and
R_1 means an aryl radical of the benzene series,
R_2 means a radical of the group consisting of

—CH_2—, —NH—, —N=N—, —CH_2NH—, —CONH—, —NHCONH—, —CH_2SO_2— and —SO_2.NH— and

R_3 means an aryl radical of the benzene series wherein the hydroxy and carboxy groups of the formula stand in orthopositions to each other, and the alkali metal salts of these compounds, being dyestuffs capable of being chromed.

2,122,799

SHAKER FOR VACUUM CLEANER FILTERS

Ward Leathers, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y., a corporation of Delaware

Application February 24, 1936, Serial No. 65,392
1 Claim. (Cl. 183—58)

In a vacuum cleaner, a handle, a filtering sleeve substantially concentric with said handle, a cap for said filtering sleeve yieldably joined to said handle, a part projecting from the side of said sleeve and joined thereto, and with said yieldable



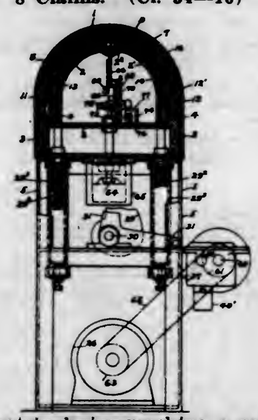
cap and said projecting part operably related for shaking said filter for cleaning purposes.

2,122,800

MATRIX DRYING MACHINE

Frederick Grafton Lougee, London, England, assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application December 21, 1935, Serial No. 55,634
In Great Britain December 22, 1934
8 Claims. (Cl. 34—16)



6. In a matrix drying machine, a pair of members having recesses in their opposed surfaces, a plate in the recess in each member, said plates having grooves formed in their opposing surfaces, means to move one member toward the other to clamp a matrix between said plates and to form a closed chamber at one end of said members by the registering of the recesses in the opposed surfaces thereof, the grooves in said plates being in connection with said chamber, and means to exhaust the chamber to draw vapor from each side of the matrix into the grooves of the plate adjacent thereto.

2,122,801

MANUFACTURE OF ARTIFICIAL THREADS

Walter Maier, Jessnitz in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application June 2, 1936, Serial No. 83,168. In Germany June 8, 1935
10 Claims. (Cl. 18—54)

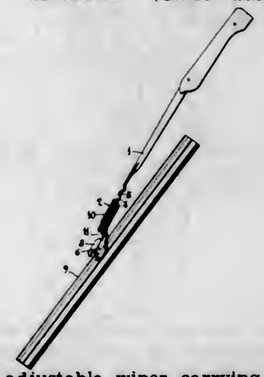
1. A process of producing artificial threads containing nitrogen and sulfur which comprises spinning viscose into a precipitating bath containing at most 4.2 per cent of acid to form threads consisting of cellulose xanthogenate and reacting on the formed threads with a cyclic ethyleneimine.

2,122,802

WINDSHIELD CLEANER ARM

Anton Rappl, Buffalo, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y., a corporation

Application March 25, 1935, Serial No. 12,929
11 Claims. (Cl. 15—250)



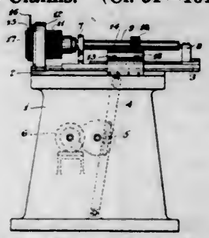
1. An adjustable wiper carrying arm having one section formed with a series of hill and dale formations at one end portion thereof in a plane substantially normal to the window surface, and a companion section bodily swingable into and out of interlocking engagement with the first section, said companion section having a rigid locking part integral therewith and engageable with the hill and dale formation of the first section.

2,122,803

METHOD OF AND APPARATUS FOR FINISHING HELICAL SURFACES

Charles H. Schurr, Cleveland, Ohio, assignor to The Lees-Bradner Company, Cleveland, Ohio, a corporation of Ohio

Application April 27, 1932, Serial No. 607,808
12 Claims. (Cl. 51—161)



3. The method of generatively finishing helicoinvolute surfaces which comprises placing a blank having roughed out helical teeth in mesh with a rack-shaped tool having a plurality of straight sided teeth, maintaining the axis of the blank in a given straight line, and relatively reciprocating the blank and tool along said axis while retaining them in mesh.

2,122,804

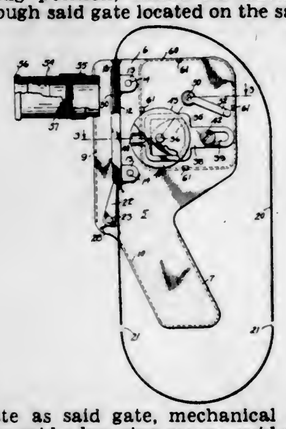
MOTION PICTURE VIEWER

Warren C. Tichenor, Glendale, Calif.

Application November 23, 1936. Serial No. 112,342
4 Claims. (Cl. 88—17)

1. A device for presenting pictures of kinematic phases of objects to view comprising a substan-

tially flat supporting plate, an extension formed as part of said plate adapted to form a handle for holding said plate, said extension having substantially right-angled flanges along the edges thereof, a web passing gate attached at right angles to said plate and adapted to hold said web in viewing position, means for advancing said web through said gate located on the same side of



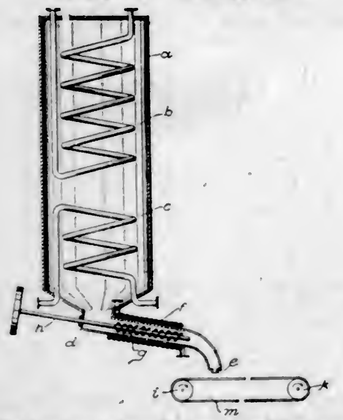
said plate as said gate, mechanical means for actuating said advancing means, said mechanical means being mounted on the opposite side of said plate from said gate, manual actuating means for said mechanical means extending through said plate and located on the same side of said plate as said gate and said advancing means, and means for viewing said web.

2,122,805

PRODUCTION OF THERMOPLASTIC POLYMERIZATION PRODUCTS

Carl Wulff and Eugen Dorrer, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application June 3, 1936, Serial No. 83,242
In Germany October 2, 1930
12 Claims. (Cl. 260—2)



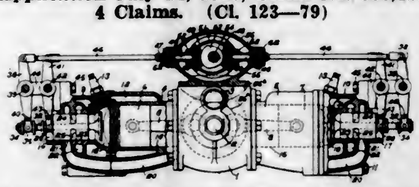
1. The process of producing a solid polymer of a mono-vinyl compound, which comprises heating the mono-vinyl compound in the absence of a solvent therefor to a temperature between 30° C. and its boiling point at atmospheric pressure, and maintaining the reaction mass at the selected temperature until a polymerization product is formed which is solid at normal temperature.

2,122,806

INTERNAL COMBUSTION ENGINE

Rollin Abell, Milton, Mass.

Application July 14, 1933, Serial No. 680,429
4 Claims. (Cl. 123—79)



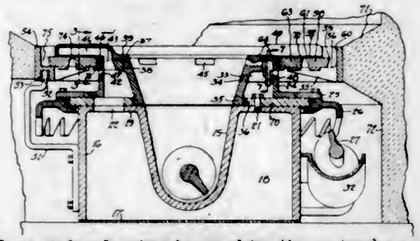
1. In an internal combustion engine, having a combustion chamber including a cylinder, and a piston working in the cylinder, the combination therewith of a distributor chamber, adjacent to the combustion chamber, connected thereto and having the inlet and exhaust ports; a poppet valve controlling said connection between chambers; and valves controlling said ports; the said distributor chamber having a movable wall portion whereby said chamber is volumetrically expansible and contractible; actuating mechanism, for expanding and contracting said chamber and for operating the valves, synchronized for the exhaust port to be open when the chamber is contracted and the inlet port to be open when the chamber is expanded.

2,122,807

BITUMINOUS ASH REMOVER FOR UNDERFEED STOKERS

Haskell C. Carter, Portland, Oreg., assignor to Iron Fireman Manufacturing Company, Portland, Oreg.

Application June 18, 1935, Serial No. 27,195
7 Claims. (Cl. 110—45)



6. A stoker having in combination a tuyère section comprising spaced circular inner and outer walls, the inner walls constituting the upper portion of a retort and the space between the inner and outer walls constituting an air supply chamber, said outer wall having air outlets therein, an adjustable ash ring disposed around said outer wall adapted to be adjusted vertically for the purpose of controlling the flow of air through said outlets and means for rotating said inner and outer walls.

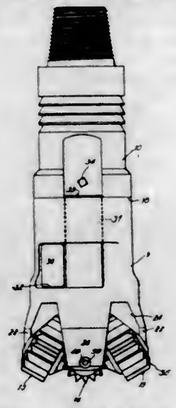
2,122,808

ROCK BIT

Alfred C. Catland, Alhambra, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California

Application December 24, 1935, Serial No. 56,006
11 Claims. (Cl. 255—71)

1. A rock bit comprising a bit head having sets of downwardly projecting legs, a demountable carrier at the lower end of the body, a set of pins projecting upwardly and outwardly from the carrier to cooperate with one set of legs, a set of pins of equal length projecting downwardly and outwardly to cooperate with another set of legs,



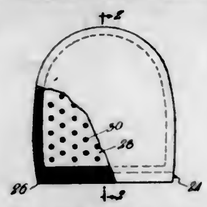
and roller cutters rotatable on the pins, the cooperation between the pins and the legs being the sole means of supporting the carrier on the body.

2,122,809

ANCHORED HEEL PROTECTOR

Claude H. Daniels, Wellesley Hills, Mass.

Application October 8, 1935, Serial No. 44,041
2 Claims. (Cl. 36—37)



1. In a boot or shoe having an insole, outsole and heel, a heel protector covering the heel portion of the insole composed of a body of rubber and a nail anchoring plate in the body of rubber and nails attaching the heel to the outsole, said nails extending through the heel, outsole, insole and the anchoring plate of the heel protector, the points of the nails being clinched to the anchoring plate and lying beneath the outer rubber surface of the heel protector.

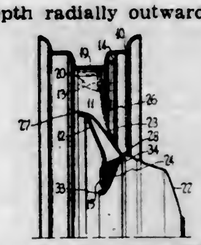
2,122,810

SINGLE STAMPING ARTILLERY WHEEL

Carolus L. Eksergiaff, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania

Application April 4, 1932, Serial No. 603,085
17 Claims. (Cl. 301—9)

1. A pressed metal artillery wheel body of the demountable bolted on type having a substantially radial bolting on flange, a spoke bearing portion extending radially outwardly thereof having a deeply dished generally conical form and a continuous substantially annular portion connecting said flange and spoke bearing portion, and means connecting the outer periphery of said spoke bearing portion and said flange constituting in the body of the wheel beyond said bolting on flange a substantially box cross section in an axial plane, and spokes having roots pressed from said conical portion and of increasing axial depth radially outwardly, said spokes



having main bodies merging with the roots and extending therebeyond.

2,122,811

NECKTIE

Ali J. Fiumedoro, Dedham, Mass.

Application August 14, 1937, Serial No. 159,131
9 Claims. (Cl. 2—150)



1. A necktie construction comprising a backer, a filler, coincident in shape therewith, and a covering enclosing said filler and backer, a strap element secured thereto, the extremities of said backer and said covering at one end being folded about the strap element and upon themselves to comprise a knot and provide a second strap portion, said filler member being folded over upon itself and secured to said backer at a point such that the folded edge will occur in the lower portion of the said knot.

2,122,812

HYDROGENATION OF UNSATURATED ETHERS AND ESTERS

Herbert P. A. Groll, Berkeley, and James Burgin, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application April 8, 1935, Serial No. 15,286
14 Claims. (Cl. 260—106)

1. A process for the hydrogenation of an unsaturated compound of the class consisting of the ethers and carboxylic acid esters of unsaturated alcohols possessing an unsaturated tertiary carbon atom linked by a single bond to a carbinol group which comprises reacting the unsaturated compound with hydrogen at a temperature below about 200° C. and in the presence of a catalyst selected from the group consisting of the base metal and noble metal hydrogenation catalysts which have a substantial hydrogenation activity at temperatures below 200° C.

2,122,813

PRODUCTION OF POLYHYDRIC ALCOHOLS

Herbert P. A. Groll and George Hearne, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application March 23, 1937, Serial No. 132,540
13 Claims. (Cl. 260—156.5)

1. A process for the production of a polyhydric alcohol containing at least one tertiary carbinol

group which comprises reacting a cyclic acetal containing at least one tertiary carbon atom embraced in the heterocyclic ring and linked to an oxygen atom of said ring with water in an aqueous medium having a pH of from about 1 to about 7, at a temperature of from about 50° C. to about 125° C. whereby the cyclic acetal is hydrolyzed to equimolecular quantities of the corresponding polyhydric alcohol and a carbonylic compound, the carbonylic compound being distilled from the reaction mixture during the hydrolysis reaction.

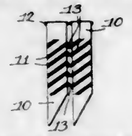
2,122,814

ADHERED GANG OF WIRE STAPLES

Augie L. Hansen, Chicago, Ill., assignor to A. L. Hansen Mfg. Co., Chicago, Ill., a corporation of Illinois

Application May 18, 1936, Serial No. 80,388

2 Claims. (Cl. 1—56)



1. As an article of manufacture, a gang of staples adhered together, each staple having indents opening laterally through an edge thereof, with filaments of cement in said indents connecting said staples to hold them together in gang assembly.

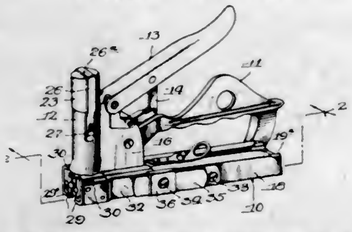
2,122,815

STAPLING MACHINE

Augie L. Hansen, Chicago, Ill., assignor to A. L. Hansen Mfg. Co., Chicago, Ill., a corporation of Illinois

Application January 9, 1937, Serial No. 119,813

4 Claims. (Cl. 1—49)



1. In a stapling machine including a base provided with a staple driveway, a reciprocable spring-actuated plunger and a driving blade fixed to said plunger and movable through said driveway, flanged plates normally engaged with the sides of said base having their flanges projecting into the edges of said driveway, and spring metal bars fixed to said plates, said bars extending rearwardly along the sides of said base and being attached thereto.

2,122,816

ENGINE STARTERS FOR MOTOR-DRIVEN VEHICLES

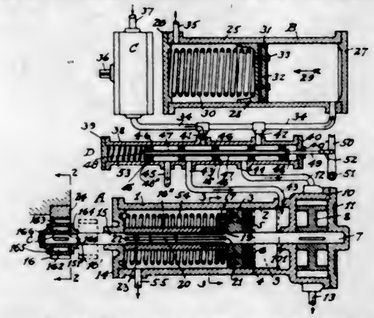
John F. Kissane, Detroit, Mich., assignor of one-half to James H. Murphy, Detroit, Mich.

Application June 10, 1936, Serial No. 84,592

Renewed November 17, 1937

3 Claims. (Cl. 121—37)

2. In a device of the character described, the combination, with an engine including a gear, of a cylinder, a piston in said cylinder, a hollow shaft connected longitudinally to said piston and rotatable relative thereto, a pinion arranged in one-way driving relation to said shaft and adapted to engage said gear, means for normally holding said pinion out of mesh with said gear, a source of fluid pressure, means for admitting



pressure to said piston so as to bring said pinion into mesh with said gear, and fluid pressure means for rotating said shaft, said last-named means comprising a fluid pressure motor, a shaft driven by said motor passing through said piston slidably and rotatively engaging said hollow shaft, and means for admitting pressure to said motor.

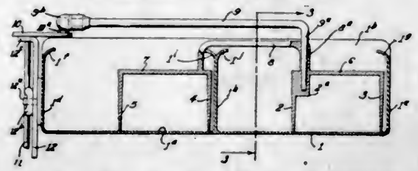
2,122,817

ICE CREAM MAKING ATTACHMENT FOR MECHANICAL REFRIGERATORS

Ralph D. Lacoe, San Diego, Calif.

Application July 2, 1935, Serial No. 29,488

3 Claims. (Cl. 259—113)



1. In an ice cream making attachment for mechanical refrigerators, a freezing receptacle consisting of a box like member open at its upper side and provided with inturned portions at the upper edge of its ends, a transverse partition extending across said receptacle at the middle and provided with oppositely disposed turns at its upper edge forming separate compartments in said receptacle, a pair of shiftable paddle members in each compartment, each shiftable paddle member being wholly vertical to its full height and resting on the bottom of said receptacle and wholly supported by said bottom, said shiftable paddle members being less in height than said receptacle and a single bridge connecting said pairs of paddle members only and raised to pass over said partition.

2,122,818

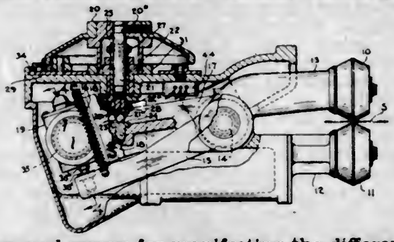
PRECISION MEASURING DEVICE

Aaron G. Ladrach, Akron, Ohio

Application November 5, 1936, Serial No. 109,323

10 Claims. (Cl. 33—148)

1. An instrument for measuring various distances comprising a movable distance-gauging element, and means for manifesting movement thereof, said means comprising a source of light, two light-sensitive units affected thereby, means for varying the intensity of light affecting said units with movement of the element to different gauging positions to increase the intensity affecting one and decrease the intensity affecting the



other, and means for manifesting the differential of potential set up between the two units thereby to manifest various relative positions of said distance-gauging element.

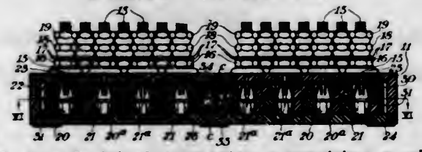
2,122,819

ELECTRICAL CONNECTER

Branko Lazich, Penn Township, Allegheny County, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application June 19, 1936, Serial No. 86,088

9 Claims. (Cl. 173—328)



1. An electrical connecter comprising a plug provided with a plurality of projecting contact fingers, and a plug receptacle comprising an insulating plate provided with a recess in its underside and with a plurality of holes through which the fingers of said plug are adapted to extend into said recess, a plurality of terminal posts secured to said insulating plate, a plurality of spring clips one disposed in said recess in a position to engage each finger of said plug and each electrically connected with a different one of said terminal posts, and means for forcing the clips into engagement with the finger comprising two insulating clamping plates movable longitudinally in opposite directions and means for moving the plates.

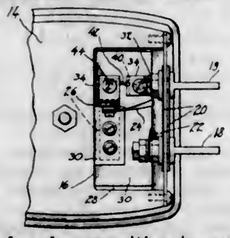
2,122,820

HEAT SENSITIVE DEVICE

Bruce D. Marshall and Thomas J. McCormick, Detroit, Mich.

Application June 12, 1935, Serial No. 26,212

5 Claims. (Cl. 200—142)



1. A circuit breaker sensitive to external heat comprising a rod of magnesium alloy including substantially 90% or more magnesium and relatively small percentages of aluminum and manganese.

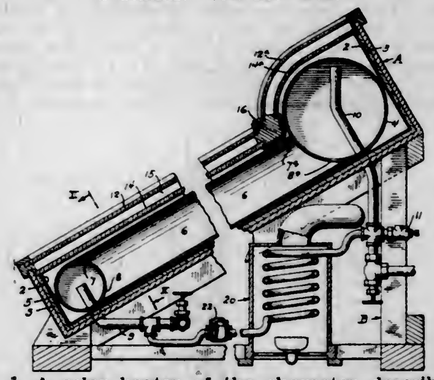
2,122,821

SOLAR HEATER

Otto H. Mohr, Concord, Calif.

Application April 22, 1936, Serial No. 75,741

2 Claims. (Cl. 126—271)



1. A solar heater of the character described comprising parallel upper and lower headers, and connector tubes disposed between the headers and forming ducts between the same, said tubes assuming an inclined position between the headers and said headers and tubes forming heaters and a reservoir for a liquid to be heated, said headers having pairs of upper and lower openings formed therein in alignment and in communication with the respective ends of each connector tube to control thermosiphon circulation of the liquid between the upper and lower headers through each connector tube.

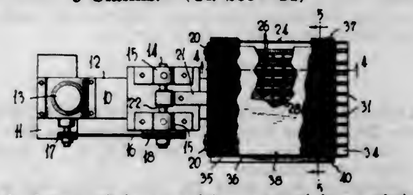
2,122,822

PLACER MINING MACHINE

James F. Noel, Rawlins, Wyo.

Application September 28, 1936, Serial No. 103,021

9 Claims. (Cl. 209—44)



1. A placer mining machine comprising a sluice box provided with a series of substantially parallel riffles which divide the bottom portion of the box into channels arranged side by side, means for introducing a liquid mixture of light materials and heavy materials into one of said channels, means extending lengthwise of the channels and having undulated top surfaces for raising the loose material and preventing it from packing in the channels, means for moving heavier materials lengthwise of the channels, and means for vibrating the box.

2,122,823

PUMP

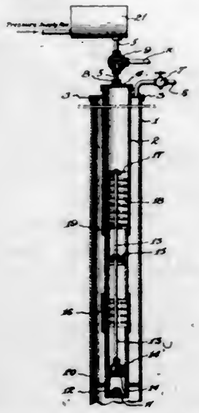
Ernest C. Overall, Gonzales, Tex.

Application January 4, 1937, Serial No. 118,982

3 Claims. (Cl. 103—46)

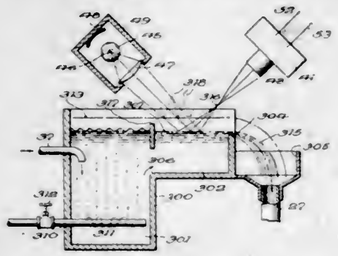
1. In a pump for oil wells, an outer casing extending from the surface to about the normal level of the oil in the well, an inner tubing within said casing extending below the normal level of

the oil, a source of pressure, an air-tight cap secured to the upper end of said inner tubing, a conduit leading from the inner side of said cap to said source of pressure, a three-way valve in said conduit for opening and closing communication alternately from the inside of said tubing to said source of pressure, and from the inside of said tubing to the atmosphere, a rod within the lower portion of said tubing extending for a short portion of the length of said tubing, a fluid-tight plunger fixed on said rod, a piston fixed to the



lower end of said rod and having an opening and an upward opening check valve therein, a closure for said tubing approximately at its lower end and having an opening and an upwardly opening check valve therein, said tubing having a perforated section between said plunger and said piston, a spring surrounding a portion of said rod, bearings for said spring the upper bearing being rigid with said rod and the lower bearing being rigid with said tubing and a fluid-tight packing between said inner tubing and said casing below said perforated section.

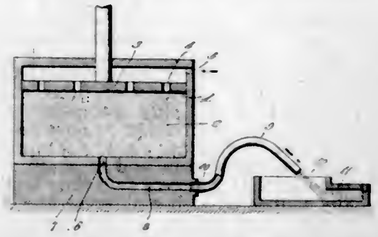
2,122,824
HARDNESS TESTING IN WATER SOFTENERS
Eric Pick, New York, N. Y., assignor to The Permutit Company, New York, N. Y., a corporation of Delaware
Application November 22, 1935, Serial No. 51,157
9 Claims. (Cl. 23—230)



1. Apparatus for producing an electrical indication dependent upon hardness in water, comprising a source of light, a photoelectric cell opposed thereto and receiving a beam of light therefrom, means for mixing water with soap solution in predetermined proportions and for agitating the mixture, a container in communication with said mixing means and adapted to contain a flowing stream of said soap and water mixture, said container being so located with respect to the source of light and the cell and having walls so arranged that when the mixture forms a voluminous lather due to soft water the lather in the container diverts the light beam from the cell and thus causes a low degree of illumination on the cell, and when the mixture forms no lather it flows along between the walls of the container without diverting said light beam and thus provides for a high degree of illumination on the cell, and an electrical instrument in circuit with the cell and adapted to respond to changes in illumination thereon and thus to hardness changes.

8. An optical method of testing water for hardness which comprises mixing a stream of water to be tested and a stream of soap solution with air, flowing said aerated mixture as a stream, directing a beam of light across and above said stream in such relation with respect to said stream that the beam is undiffused when the aerated mixture is free of lather, while when the aerated mixture forms a lather due to soft water the beam is diffused by said lather and lessened in intensity, and measuring the intensity of said beam photoelectrically.

2,122,825
MAKING METAL FOUNDRY SAND MOLDS
Victor Stobie, Harrogate, England
Application January 18, 1937, Serial No. 121,208
In Great Britain November 21, 1935
2 Claims. (Cl. 22—193)

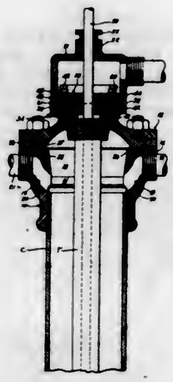


1. The method of projecting bonded sand into a molding box consisting in subjecting sand in a closed sand container to air pressure so as to fill the normal spaces between the sand grains with compressed air, letting the sand travel on a steep pressure gradient through an exit from the sand container, through which exit the sand is forced forward by the progressive expansion of the compressed air contained between the sand grains, and passing the sand stream from the end of the exit through open atmosphere into the molding box.

2,122,826
TREATMENT OF UNSATURATED COMPOUNDS
Adrianus Johannes van Peski, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application January 28, 1936, Serial No. 61,181. In the Netherlands February 16, 1935
12 Claims. (Cl. 260—2)

1. A process for the production of valuable products from unsaturated organic compounds which comprises reacting a conjugated double bond diolefine with a hydrocarbon fraction containing olefines and aromatic hydrocarbons in the presence of an inorganic acid-acting halide catalyst at a temperature at which the unsaturated compounds combine to form higher molecular weight hydrocarbon products, and treating said hydrocarbon products with oxygen at a temperature greater than about 100° C. for from about 30 hours to about 200 hours.

2,122,827
TUBING HEAD
Harry P. Wickersham, Huntington Park, and Erwin Burns, Los Angeles, Calif.
Application May 10, 1935, Serial No. 20,842
3 Claims. (Cl. 166—14)

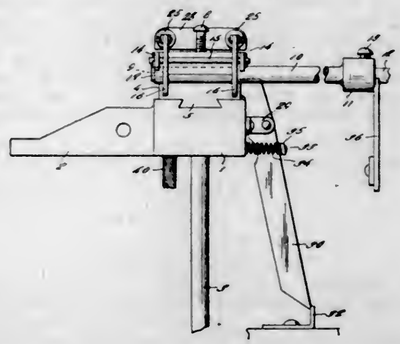


1. In combination a tubing head body applied to the upper end of a well casing, said body being formed with a central unobstructed opening, a section applied to the upper end of said body and lying in a plane substantially entirely above the end face of said body and forming a sealed closure for the body, a tubular extension forming a part of and projecting upwardly from said upper section and being formed with a tapered seat therethrough, an internally threaded tapered plug adapted to fit within said seat and to provide a threaded connection for the upper end of a tubing, and a ring nut threaded into the mouth of the tubular extension of the upper member and engaging the tapered plug to hold the same on its seat.

2,122,828
LIGHT FILTER
Christian Wiegand and Erich Merkel, Wuppertal-Elberfeld, and Ernst Tietze, Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application December 8, 1936, Serial No. 114,878. In Germany April 4, 1935
6 Claims. (Cl. 95—81)

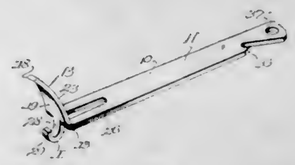
1. Light filters comprising as the active ingredient a practically colorless pyrene compound the absorption curve of which displays at about 400 mμ such a high and simultaneously steep slope that the logarithm of the molar extinction coefficient (ε) increases of at least 1 within 10 mμ and reaches at least the value 3.2.

2,122,829
CARBON HOLDER
James L. Wildenthaler, Sandusky, Ohio
Application February 1, 1937, Serial No. 123,532
7 Claims. (Cl. 176—119)



1. In an arc lamp including a negative carbon, a base movable toward said negative carbon, a carriage slidable on said base, means for securing positive and reserve carbons on said carriage with said positive carbon in position for coaction with the negative carbon, means for shifting the carriage for bringing the reserve carbon into position for coaction with the negative carbon, and a trigger engaged with the carriage for releasably securing said carriage.

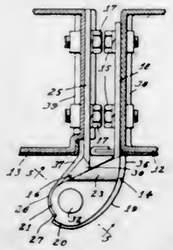
2,122,830
CONTAINER PUNCH
Aaron C. Acker, Ogdensburg, N. Y., assignor to The Newell Mfg. Co., Ogdensburg, N. Y., a corporation of Maine
Application April 18, 1936, Serial No. 75,215
5 Claims. (Cl. 30—16)



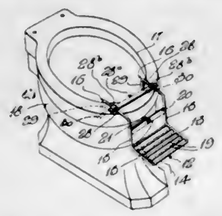
5. A can opener formed from a straight flat strip of metal, with a handle at one end and a fulcral portion at the other end, said fulcral portion being relatively narrow and formed to engage the underside of the bead formed around the top of the can, with an integral cutting prong adjacent said fulcral portion, for cutting a tongue of can metal downwardly out of the top of the can, the cutting prong and handle being of the same width, which is the full width of said strip, with the edges of the strip of metal presented laterally of the vertical plane in which the device operates upon the fulcral point, all in effect forming a lever of the second order, with the cutting resistance between the fulcrum and the point where the power is applied, and with the said handle erect and in position to be moved downwardly toward the top of the can, when the fulcral portion is in position and the cutting prong is in initial engagement with the top of the can.

2,122,831
HINGE
James T. Atwood and Lewis C. Smith, Rockford, Ill.
Application April 4, 1938, Serial No. 199,806
8 Claims. (Cl. 16—128)

7. In a pintle hinge, a hinge member comprising a body portion providing an attaching shank portion and a narrower perforated pintle receiving portion of channel-shaped cross section, the channel-shaped pintle receiving portion being connected to the shank portion by an intermediate portion of channel cross section decreasing in depth but increasing in width from the pintle receiving portion to the shank portion.



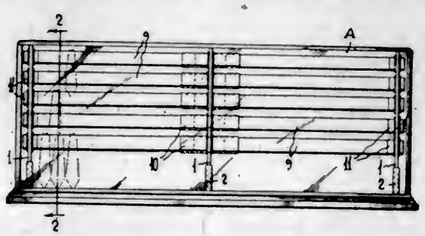
2,122,832
CLOSET BOWL STEP ATTACHMENT
George B. Bentz, New York, N. Y.
Application November 9, 1937, Serial No. 173,686
12 Claims. (Cl. 4—254)



1. A step attachment for a closet bowl, comprising a one-piece rod bent centrally between its ends to form a U, said U being disposed in a horizontal plane, the end portions of said rod being bent vertically upward from the ends of said U to provide hanger arms of a length to extend to the rim of the closet bowl, means at the upper ends of said hanger arms for connecting them with the closet bowl rim and horizontal means connected with said U and cooperating therewith in forming a step.

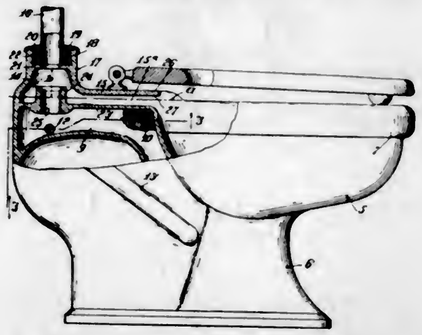
2,122,833
DISPLAY RACK
Clarence R. Black, Ocala, Fla.
Application July 1, 1937, Serial No. 151,504
7 Claims. (Cl. 211—150)

1. A display rack comprising a plurality of spaced inclined beams disposed in a common plane and having a series of notches in their upper surfaces, each notch having a shoulder at its lower end, a series of relatively thin and wide horizontal bars extending across said beams and supported in said notches by one edge engaging said shoulder, said bars being rotatable about said edge, and means carried by said beams for maintaining each of said bars in any one of a



plurality of different angular positions with respect to said beams.

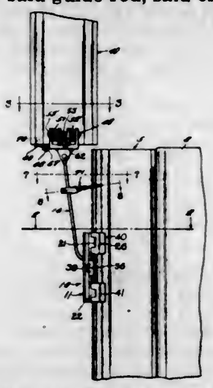
2,122,834
SIPHON BREAKING WATER CLOSET
Robert A. Brooks, Chicago, Ill., assignor to Isabell B. Kerr, Chicago, Ill.
Application December 23, 1932, Serial No. 648,554
21 Claims. (Cl. 4—70)



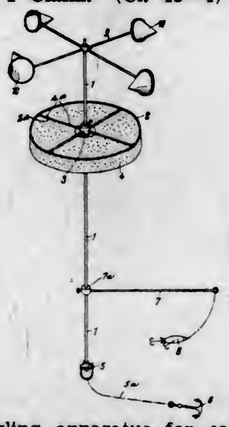
1. In a water closet, a bowl, a service water pipe for supplying flushing water for said bowl, an air manifold providing an air passageway entirely surrounding the discharge end of said service water pipe and serving to vent the latter to the atmosphere at a point above the overflow level of said bowl, said supply pipe being connected with said manifold and having its discharge end disposed above the overflow level of said bowl at a distance equal to or greater than the internal diameter of said pipe, and means arranged in axial alignment with the discharge end of said service pipe for delivering the flushing water under pressure from said air manifold to said bowl.

2,122,835
PILING CONNECTER
Peter O. Deros, Fulton, Ill.
Application August 13, 1936, Serial No. 95,890
7 Claims. (Cl. 61—63)

1. A device for use in assembling a new piling section to an already set piling section, said piling sections having flanges to be interlocked by telescoping them to connect the piling sections together, said device comprising a slide having means for slidably gripping the flange of the set piling section, a guide rod pivotally connected at its lower end to said slide, a guide carried by said guide rod and having second means for slidably gripping the last mentioned flange above said slide, and a clamp pivotally connected to the upper end of said guide rod, said clamp being arranged to clamp on the lower end of said new piling section.



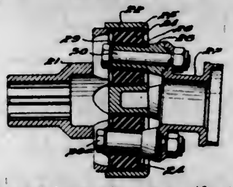
2,122,836
SELF-ANGLING APPARATUS FOR THE CATCH OF FISH
Erik Linus Gegerfeldt, Floby, Sweden
Application March 16, 1937, Serial No. 131,204
In Sweden February 18, 1935
1 Claim. (Cl. 43—4)



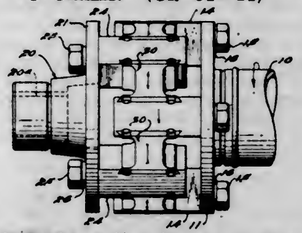
A self-angling apparatus for catching fish, consisting of a stand, radial arms for said stand, a cork plate mounted on said radial arms for supporting the stand in the water, a rod turnably arranged in said stand, a swivel secured at the lower end of said rod to receive anchoring means therefor, a clamp adjustably mounted on the rod by means of a set screw, an arm projecting from said clamp to carry a suitable catch device, and motive means secured to arms projecting from said rod for driving same.

2,122,837
UNIVERSAL COUPLING
Frederick M. Guy, Detroit, Mich., assignor to Guy and Murton, Incorporated, Detroit, Mich., a corporation of Michigan
Application January 31, 1936, Serial No. 61,709
4 Claims. (Cl. 64—11)

1. In a universal joint for connecting two abutting shafts, a plurality of resilient bushings, each of said bushings being secured to the structures of both of said shafts to provide a resilient driving connection therebetween, said bushings being arranged between the ends of the connected shafts and in such a way that a circle inscribed in between said bushings is smaller than the cross section of the end of each of the connected shafts.

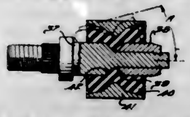


2,122,838
UNIVERSAL COUPLING
Frederick M. Guy, Detroit, Mich., assignor to Guy and Murton, Incorporated, Detroit, Mich., a corporation of Michigan
Application October 3, 1936, Serial No. 103,843
3 Claims. (Cl. 64—14)



1. A universal coupling for connecting drivingly two abutting shafts, said coupling comprising two straight transversely extending flanges secured to the ends of said shafts, respectively, a plurality of detachable fingers secured to the faces of each of said flanges substantially perpendicular thereto and substantially flush with a periphery of said flanges, the fingers secured to different flanges being arranged alternatively, and a plurality of rubber blocks secured to said fingers substantially flush with the peripheral cylindrical surfaces of said flanges.

2,122,839
RESILIENT BUSHING AND METHOD OF MAKING THE SAME
Frederick M. Guy, Detroit, Mich., assignor to Guy and Murton, Incorporated, Detroit, Mich., a corporation of Michigan
Application October 15, 1936, Serial No. 105,664
3 Claims. (Cl. 29—149.5)



1. In a method of making a resilient connector having a stud composed of a core and a sleeve fitted thereon, said core and said sleeve adapted, when fitted together, to form a stud containing a groove therein, an outer shell, and a resilient member arranged between such stud and said shell; the steps of arranging the resilient member on the core, placing the tapered outer shell thereon, fitting said sleeve at the thinner end of said core and locking it thereon by swaging the outer end of the sleeve into a locking recess near

the outer extremity of the thinner portion of said core, and thereafter swaging the outer shell on said resilient member into a shape substantially parallel to the longitudinal axis of said stud and thereby locking the resilient member between said stud and said shell.

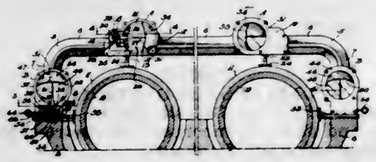
2,122,840

GAUGE FOR PIPE CORES

Fredrick T. Hafen, Provo, Utah, assignor to McWane Cast Iron Pipe Co., Birmingham, Ala.

Application November 11, 1936, Serial No. 110,409

8 Claims. (Cl. 33—180)



1. In a core gauging device, the combination with the drag of a flask, of a gauge frame supported on said drag and including vertical and horizontal arms adapted to partially surround a core supported on the drag, and a pair of gauges respectively mounted on said arms and including operating followers movable by the core in planes at right angles to each other to indicate simultaneously the lateral and vertical deflections of the core.

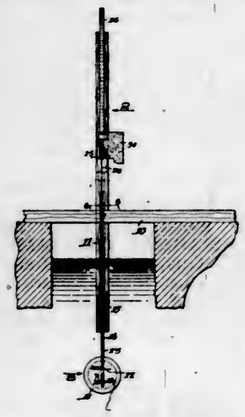
2,122,841

TIP-UP

Frans H. Laurila, Worcester, Mass.

Application April 22, 1937, Serial No. 138,429

5 Claims. (Cl. 43—16)



1. In a device for use in fishing through the ice, the combination of two bars pivoted together, a reel supported by one of them under water, a projection on the reel, a vertical wire in position to be raised by said projection when the reel rotates, said wire extending upwardly along one of said bars and having a downwardly extending end above water to hold a signal, whereby said end will be raised as the wire is raised, and a signal supported by the last named bar, the downwardly extending end serving as a catch for the signal, whereby the signal will be released when the reel is turned.

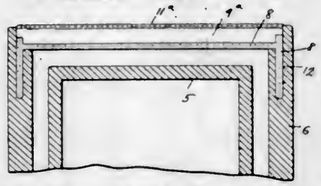
2,122,842

METHOD AND MEANS FOR REPAIRING CRACKS IN CASTINGS

Joe Lemos, Salinas, Calif.

Application April 22, 1936, Serial No. 75,861

3 Claims. (Cl. 29—156.4)



1. A method of repairing cracks in castings, consisting in first placing in the crack a cementitious compound and subsequently driving into the crack a wedge of ductile material and hammering the outer portion of the wedge to flatten the same over the outer limits of the crack.

2,122,843

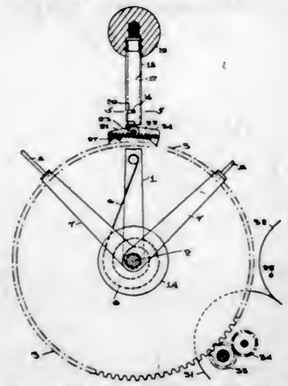
MACHINE FOR DELIVERING OR DISPENSING LENGTHS OF SEALING TAPE FROM A ROLL

Owen Massey, Harborne, Birmingham, England

Application November 30, 1936, Serial No. 113,444

In Great Britain March 20, 1936

11 Claims. (Cl. 164—42)



10. In a machine for delivering lengths of sealing tape from a roll, having a strip-moistening device, a cutting device, an operating means having a to-and-fro motion, feed rollers, a driving connection with said feed rollers for feeding strip to the cutting device by actuation of the operating means, and a one-way device for coupling the operating means to the driving connection during the return stroke of the operating means and effect the paying-out of a length of moistened strip which remains uncut until the next succeeding operation of the operating means, said one-way device being released from the driving connection during the first or out stroke of the operating means.

2,122,844

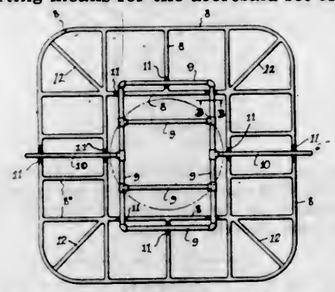
COOKING STOVE BURNER ATTACHMENT FOR HEATING WATER

David O. Mayer, Charlotte, N. C.

Application March 29, 1937, Serial No. 133,670

2 Claims. (Cl. 126—53)

1. In a cooking stove burner attachment for heating water having a set of connected water heating pipes of suitable size to come within the range of the flame of the burner of a gas or oil cooking stove, a metal frame of suitable size to replace the usual stove frame and functioning as a supporting means for the aforesaid set of water



heating pipes, said frame having depressed portions in its bars to receive the water heating pipes whereby the upper surface of the water heating pipes and of the frame will be on a level and in the same plane, whereby cooking receptacles placed over the burner will be level.

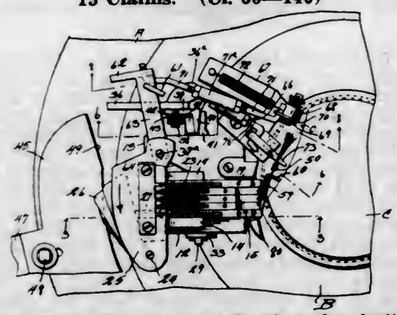
2,122,845

YARN CHANGER FOR KNITTING MACHINES

George W. Raulston and Morris W. Raulston, Newport, Tenn.

Application May 20, 1937, Serial No. 143,792

15 Claims. (Cl. 66—140)



1. A yarn changing mechanism for knitting machines, having a plurality of yarn carrying fingers movable to or from a yarn feeding position but urged out of said position; means for latching any selected finger in feeding position; a clamp for the idle yarn; a vertically movable yarn lifter disposed on the other side of the clamp from the fingers; a yarn guide disposed between the fingers and the clamp and swingingly mounted for movement in a vertical plane from a depressed and closed position to a raised and open position; a pair of shears disposed beyond the clamp; pattern controlled means for shifting a selected finger into feeding position while a previously actuated finger is also in feeding position; means successively operating to release the said previously actuated finger to permit its return to inactive position; said means acting to shift the lifter to open position to receive the cast-off yarn carried by the last named finger; means then acting to open the shears and simultaneously shift the yarn guide to open position; means successively acting to shift the lifter to lift the yarn from the inactive finger into the clamp and into the shears; and means then acting to shift the yarn guide to a closed position beneath the lifted yarn and simultaneously close the shears.

2,122,846

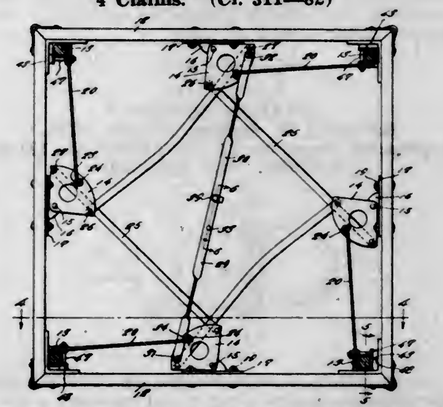
FOLDING LEG CARD TABLE

Emil Senft, Cleveland, Ohio

Application October 29, 1936, Serial No. 108,288

Renewed May 5, 1938

4 Claims. (Cl. 311—82)



1. In combination, a table top, legs swingably mounted under the table top, plates one for each leg, means for swingably mounting the plates under the table top, said plates being located between the swingable leg mounting means, connecting rods engaged with the plates to cause the plates to swing in unison, actuating rods engaged with the plates and legs to cause the legs to swing in unison, folding brace means having parts connected with alternate plates and to each other, and coacting means carried by the brace parts to limit the folding sweep thereof.

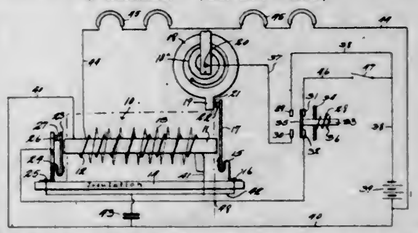
2,122,847

COMBINED CONTINUOUS AND INTERMITTENT FLASHING MECHANISM FOR NEON LAMPS

Owen M. Shattuck, South Zanesville, and Murl E. Fulk, Zanesville, Ohio

Application February 25, 1936, Serial No. 65,700

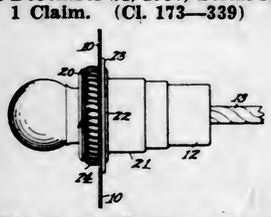
6 Claims. (Cl. 177—329)



2. In combination, an induction coil having a primary winding, a secondary winding and an electro-magnetic core; neon lamps connected in circuit with the secondary winding; a normally open circuit including the primary winding and a magnetically attractable circuit closer disposed in the said circuit in series with the primary winding and attracted to a circuit closing position upon the energizing of the primary winding, said circuit closer being constructed and arranged to intermittently close the circuit through the primary winding at relatively long intervals to thereby cause an intermittent flashing of the neon lamps at relatively long intervals; a second normally open circuit including an oscillatable element coacting with but biased from said core but attracted by the core when the core is magnetized,

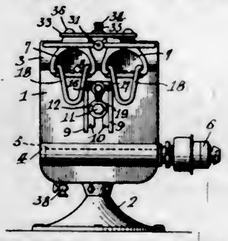
said last named circuit closer being constructed and arranged to rapidly close and open the last thereby cause rapid pulsations of current through named circuit through the primary winding to the lamps to thus cause the lamps to have the appearance of being continuously lighted; and manually controllable means for selectively preparing either of said circuits.

2,122,848
SNAP-IN SOCKET
Raymond W. Stearns, Detroit, Mich.
Application December 24, 1937, Serial No. 181,670
1 Claim. (Cl. 173—339)



As an article of manufacture, an electric socket comprising a hollow sheet metal member, a tubular member secured therein and projecting therefrom, a spring pressed electric terminal in said tubular member, and means for detachably holding the socket in a perforation through a supporting plate, comprising a circular flange on the tubular member, a circular flange on the sheet metal member, and a yielding coiled spring surrounding the socket, located between said flanges, and slightly larger in outside diameter than said perforation, to enable it to be pushed into the perforation and hold the socket in place, but capable of yielding under pressure to allow the socket to be withdrawn.

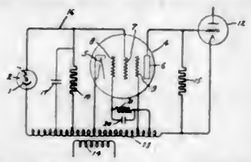
2,122,849
BOX TOES SOFTENER
Rodolphe St. Hilaire, Montreal, Quebec, Canada
Application November 22, 1937, Serial No. 175,891
5 Claims. (Cl. 12—1)



1. A box toe softener comprising a receptacle, means for furnishing steam therein, said receptacle having an opening to receive the toe of a shoe, and spaced teeth formed on the edge of said opening.

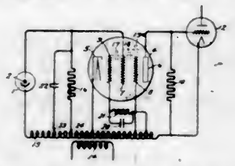
2,122,850
AMPLIFIER
Browder J. Thompson, Basking Ridge, N. J., assignor to General Electric Company, a corporation of New York
Application September 19, 1936, Serial No. 101,612
7 Claims. (Cl. 179—171)

1. An amplifying device comprising a vacuum tube enclosing main discharge electrodes including an anode and an electron emissive cathode, a control electrode between the anode and cathode, means for impressing an alternating difference of potential between said various electrodes, and means including a space charge electrode



between the cathode and control electrode effective when said control electrode becomes positive with respect to the cathode to prevent the flow of electrons therebetween.

2,122,851
AMPLIFYING CIRCUITS
Browder J. Thompson, Basking Ridge, N. J., assignor to General Electric Company, a corporation of New York
Application December 29, 1937, Serial No. 182,267
4 Claims. (Cl. 179—171)

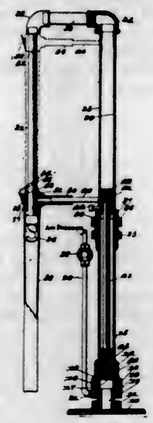


1. In combination, an amplifier having a plurality of electrodes including at least a cathode, an anode and a control grid, an alternating current source having various points thereof connected to said electrodes for supplying desired potentials thereto, an input circuit including a high impedance element connected between the control grid and a point on said alternating current source, and a condenser connected between the control grid and a point of said source whose voltage phase relation with respect to the connection point of the impedance element is opposite to that of the points to which the electrodes of the amplifier other than the control grid are connected, the condenser being effective to neutralize the capacitance existing between the control grid and the said other electrodes.

2,122,852
PRESSED CLOTHES BAGGER
George Llewellyn Whitley, Raleigh, N. C., assignor of one-half to John Stewart Whitley, Raleigh, N. C.
Application July 19, 1937, Serial No. 154,519
3 Claims. (Cl. 226—18)

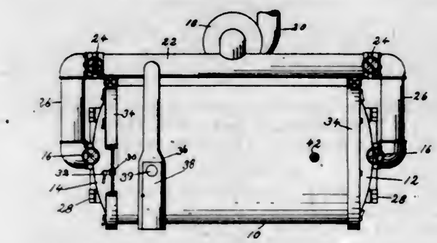
1. A pressed clothes bagger comprising a vertically disposed cylinder, a U-shaped member having a hollow leg supported on the upper end of the cylinder and provided with a longitudinal slot, the other leg having the lower end terminating adjacent the top of the cylinder and provided with a hook for supporting a suit of clothes on a hanger, a piston in the cylinder, a rod extending upwardly from the piston and having the upper end projecting into the first-mentioned leg, a horizontal bar secured at one end to the upper end of the rod and projecting through the slot, a sleeve carried by the other end of the rod and slidably mounted on the second-mentioned leg, a clip secured to the sleeve for attaching a bag to the sleeve so that the hook will

be located within the upper end of said bag, and means for supplying the cylinder with fluid un-



der pressure for raising the piston and likewise the U-shaped member.

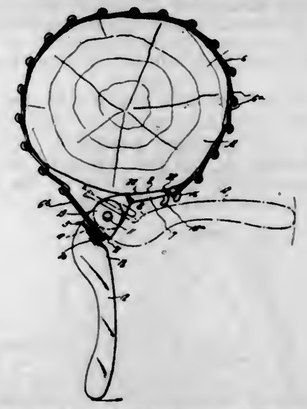
2,122,853
MEANS FOR FUMIGATING MATERIALS
John L. Biggs, Calumet City, Ill.
Application December 20, 1933, Serial No. 703,171
6 Claims. (Cl. 99—258)



1. A fumigator comprising in combination a hollow body, means for creating a vacuum within said body, means for admitting a fumigant into said body, means for expanding said fumigant therein, means for admitting free air into one end of the hollow body and means for passing the fumigant laden air out of the opposite end, said last named means including a removable closure at each end of said body, a valved port positioned on each closure, a driven fan, and valved passageways extending from said valved ports to the fan and detachably secured at said ports.

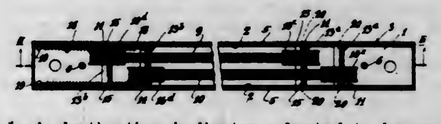
2,122,854
POST CLAMP CHAIN
John C. Bishop, Savannah, N. Y.
Application August 27, 1937, Serial No. 161,201
1 Claim. (Cl. 24—19)

In a device of the character described, a base plate having an apertured ear at one end, the opposite end being widened and having a hook formed at its margin to one side of the medial line of the plate, another hook formed at the opposite side of the medial line of the plate and formed by cutting back the plate to dispose the last mentioned hook at some distance from the margin of the widened end of the plate, a hand lever pivoted to the ear on the plate, and a chain connected to the hand lever and adapted



to be selectively engaged with the said hooks as and for the purposes described.

2,122,855
DESTINATION INDICATOR
Joseph Augustin Bombard and Edward H. Acree, Bronxville, N. Y.
Application April 22, 1937, Serial No. 138,302
5 Claims. (Cl. 40—96)



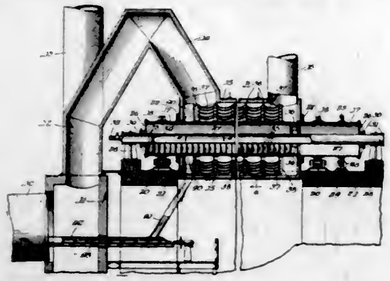
1. A destination indicator adapted to be contained in a conveyance near the position of a passenger and comprising a housing; a plurality of shafts mounted in said housing; pulleys mounted on said shafts; a plurality of endless bands contained in said housing around which pulleys said bands extend, each band being mounted between a plurality of pulleys and a separate pulley being adapted to drive each band; indicia on said bands corresponding to destinations on the route of said conveyance; a plurality of openings in said housing, one opening being superimposed over each band, whereby a portion of said indicia may be exposed through said opening to indicate the destination of a passenger; and a readily separable and interfitting means by which each of said bands may be moved around said pulleys to change the position of said indicia relative to said opening, each of said means being removably and directly associated with and rotatable about the axis of the shaft on which the driving pulley is mounted.

2,122,856
STRAPPING MATERIAL FOR BINDING OR SECURING BOXES, BALES, PARCELS, AND OTHER PACKAGES AND PROCESS FOR MANUFACTURING THE SAME
Hermann Brenneisen, Paris, France
No Drawing. Application November 25, 1936, Serial No. 112,703. In Belgium December 4, 1935
16 Claims. (Cl. 29—148)

13. A process for manufacturing metal strapping for strapping boxes, parcels, bales, packages and containers of any kind, which consists in

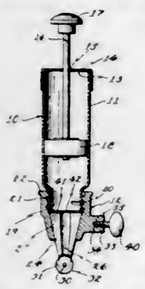
cold rolling hard-drawn round steel wire into non-round wire, heating the non-round wire to a temperature above 220° C., but below the critical point of the metal, and subjecting the surface of said wire while hot to the action of a medium adapted to form with said metal a stable adhering coat.

2,122,857
SLURRY DRIER
Adolph G. Carlson, Chicago, Ill.
Application July 15, 1936, Serial No. 90,812
6 Claims. (Cl. 159—9)



6. In a slurry drier, the combination with means supplying high temperature gases, a casing receiving gases therefrom, a rotatable drum concentrically arranged with respect to the casing, means delivering slurry to the drum, said drum having openings at its opposite end through which the slurry is discharged into the casing, means within the drum for propelling the slurry toward said discharge openings, and other means fixed to and rotating with the drum for propelling the slurry through the casing.

2,122,858
PAINT STRIPER
Leslie W. Coombs, Chicago, Ill.
Application June 12, 1937, Serial No. 147,940
12 Claims. (Cl. 91—62.6)



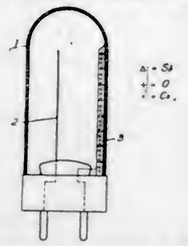
11. In a striping device, a main storage reservoir or receptacle for striping fluid including a body having a reduced neck portion, a coupling member having detachable connection with the said neck portion of said main storage reservoir or receptacle and having a tapered opening extending therethrough and providing a seat, a pair of complementary striping-wheel holding jaws tapered to fit within said opening and to bear upon said seat and having grooves formed therein cooperating with each other when the said jaws are in assembled relation to provide an auxiliary reservoir for striping fluid, and a striping wheel carried by said jaws.

2,122,859
PROCESS FOR MAKING PLATES FOR COLOR PRINTING
Everett R. Eaton, Darien, Conn., assignor to McCall Corporation, New York, N. Y., a corporation of Delaware
Application January 9, 1937, Serial No. 119,736
4 Claims. (Cl. 95—5.1)



1. A process of photographically forming a negative for a halftone printing plate for multicolor printing from a colored original which comprises forming a number of masks each comprising a transparent sheet having at least one black opaque area, the black opaque area of each mask being different in outline and position from the black opaque area of the other said masks to block out all areas of the original of a selected hue, exposing a light sensitive element in a camera first to said original through a combination of more than one of said masks superimposed in register to block out the combined opaqued areas of the combination of masks covering all areas of the original containing the color value of the plate to be made and then exposing said light sensitive element to said original without said masks through a halftone screen in normal position to obtain a halftone negative of a selected color value.

2,122,860
LIGHT SENSITIVE TUBE
Paul Görlich, Dresden, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany
Application August 6, 1936, Serial No. 94,589
In Germany August 8, 1935
2 Claims. (Cl. 250—27.5)

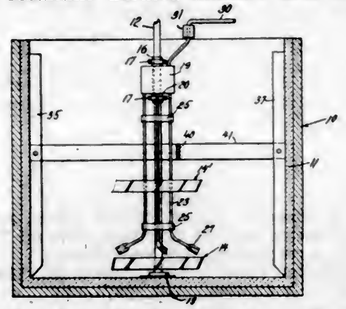


1. A photoelectric cathode comprising a bismuth layer and a caesium layer alloyed together.

2,122,861
MANUFACTURE OF CALCIUM ARSENATE
Arthur H. Henninger, Floral Park, N. Y., assignor to General Chemical Company, New York, N. Y., a corporation of New York
Application May 24, 1935, Serial No. 23,246
1 Claim. (Cl. 23—53)

In the manufacture of calcium arsenate by the addition of an aqueous arsenic acid solution to an aqueous slurry of calcium hydroxide, the improvement which comprises gradually introducing the arsenic acid solution below the surface of the slurry and adjacent to the periphery of a rapidly rotating agitating rotor submerged in the calcium hydroxide slurry so as to effect substantially instantaneous diffusion of

the arsenic acid solution through the slurry and regulating the addition of arsenic acid solution so that the molar ratio of arsenate to calcium in the resultant diffused mixture does not ex-

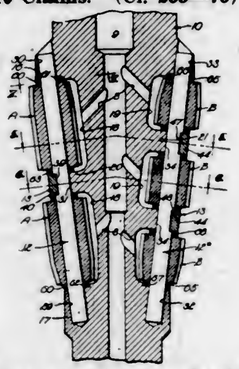


ceed such ratio in basic calcium arsenate, whereby a calcium arsenate is directly produced capable of application to foliage without causing substantial burning thereof.

2,122,862
COLORED ROOFING
Carl E. Hillers, Charlottesville, Va., assignor to Blue Ridge Slate Corporation, Charlottesville, Va., a corporation of Virginia
No Drawing. Application December 30, 1936, Serial No. 118,270
9 Claims. (Cl. 91—70)

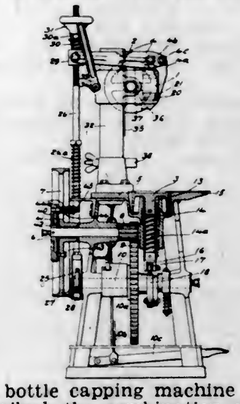
1. The process of color-coating roofing shingles and the like comprising: spreading a composition of intermingled alkali-metal silicate solution and a powder over the surface of the roofing shingles or the like, said powder consisting of barium fluosilicate, coloring agent and filler, and setting the composition.

2,122,863
REAMER
John H. Howard, Huntington Park, and Alfred C. Catland, Alhambra, Calif.; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application April 13, 1936, Serial No. 74,166
10 Claims. (Cl. 255—73)



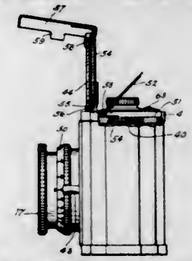
1. A well tool comprising, a shank having recesses, a socket at an end of one recess and an opening at an end of another recess, a web on the shank between the recesses, a pin extending through the recesses, cooperating with the web, having one end portion carried in the socket and having its other end portion carried in the opening, and a part on the web cooperating with the pin to hold the pin against longitudinal movement, and cutters in the recesses rotatably supported by the pin.

2,122,864
BOTTLE CAPPING MACHINE
Anders Josef Jonsson, Linkoping, Sweden
Application October 9, 1935, Serial No. 44,157
In Sweden October 17, 1934
9 Claims. (Cl. 226—85)



7. In a bottle capping machine of the character described, the combination of a vertically adjustable capping head having an elastic capping ring to be compressed about a bottle top and a plunger to compress the capping ring, a bottle support to elevate the bottle, transmission means for operating the bottle support and plunger, comprising cam means timed to elevate the support in relation to the pressure movement of the plunger to insert the top of the bottle into the ring before compression takes place in the latter, said transmission means also including an element extending from below the bottle support to a point above the capping ring, and means to adjust the effective length of said element to accommodate an adjustment in the distance between the head and support.

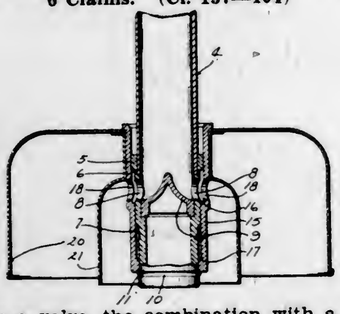
2,122,865
PHOTOGRAPHIC CAMERA
Heinz Küppenbender, Dresden, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany
Application June 8, 1936, Serial No. 84,147
In Germany June 15, 1935
11 Claims. (Cl. 88—23)



9. In a photographic camera, the combination of a photoelectric exposure meter, a camera casing, a photoelectric cell, means pivotally attached to said casing for positioning said cell selectively flat against a wall of said camera and

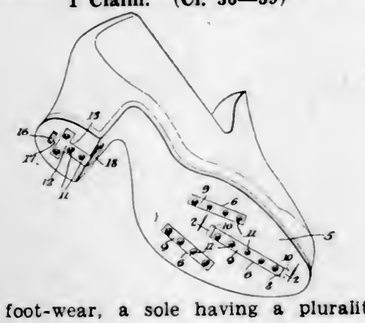
at an angle to said wall respectively, in which last named position the active face of the cell is directed toward the object to be photographed, and means mounted on said cell-positioning means for protecting the active face of said cell from light coming from above when the cell is in operative position, said cell-protecting means being movable from the position where it protects the cell from light coming from above to a position where it serves as a cover for the cell when the latter is in inoperative position.

2,122,866
FLOAT VALVE
Adolph J. Lippold, Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill., a corporation
Original application February 23, 1935, Serial No. 7,742. Divided and this application July 11, 1936, Serial No. 90,101
6 Claims. (Cl. 137—104)



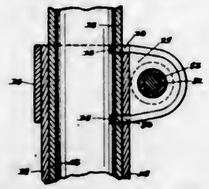
1. In a valve, the combination with a supply pipe provided with means closing the pipe at its end, said pipe having a lateral opening and a series of at least three external substantially cylindrical bearing surfaces of differential diameters progressively reducing toward the closed end of the pipe, of a sleeve valve having differentially diametered bearing portions complementary to the bearing surfaces of the pipe and in sliding contact thereon, said valve being ported to afford communication through the opening of said pipe with the interior thereof when said valve is open, a float carried by said sleeve valve for unitary movement therewith and to receive guidance from said pipe, and releasable means for securing said valve against removal from said pipe, said valve and float being unitarily freely removable from said pipe on release of said means.

2,122,867
ANTISLIP DEVICE FOR FOOTWEAR
Frank Marziani, Brooklyn, N. Y.
Application November 3, 1934, Serial No. 751,359
1 Claim. (Cl. 36—59)



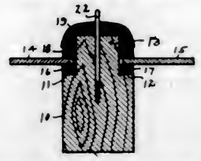
In foot-wear, a sole having a plurality of elongated depressions in its tread surface, pockets communicating with the ends of each depression, flat spring members having their ends inserted into the pockets of each depression with the body of the spring members fitting snugly within the depressions and anti-skid portions in the form of spurs struck up from the spring members to extend beyond the tread surface of the sole, said members being readily removable from the depressions and pockets without impairment of the sole.

2,122,868
CLAMP
Erving B. Morgan, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application June 1, 1937, Serial No. 145,686
2 Claims. (Cl. 287—58)



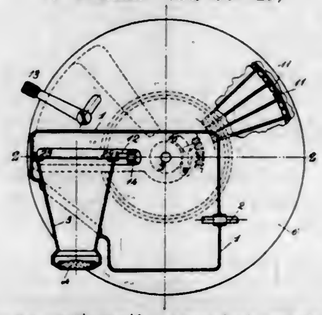
1. In a device of the class described, a tubular member provided with a pair of spaced parallel slots disposed transversely of its length, a member telescopingly disposed within said tubular member, a bifurcated clamp embracing the tubular member and having one leg provided with spaced laterally disposed ears each seated within a slot and each adapted to engage the wall of said second member, and means for compressing the legs of the clamp toward each other for maintaining the wall of said member in frictional engagement with the inner wall of said tubular member to maintain said members in longitudinally adjusted position.

2,122,869
GREENHOUSE GLASS SEAL
Merchant Morris, near Indianapolis, Ind.
Application January 24, 1938, Serial No. 186,488
5 Claims. (Cl. 108—16)



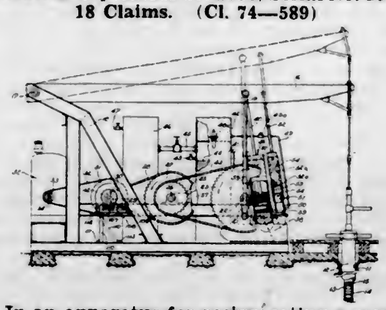
1. In a greenhouse wall or roof structure having a plurality of spaced apart glass carrying members and panes of glass between the members, said members being provided with a central upwardly extending portion with a glass supporting shoulder on each side, means for sealing between the glass and said members comprising a strip of resilient material on each shoulder on which material the glass rests, a strip of resilient material of the nature of rubber separate from the sealing means on the shoulders, having thickened edges and laid straight over said member portions and then bent around the sides thereof and down against the glass, and means for bending and maintaining said last strip around and in compressive engagement against said member portions and said glass.

2,122,870
AUTOMATIC AEROPHOTOGRAPHIC CAMERA WITH A ROTARY ANNULAR PLATE-MAGAZINE
Ermenegildo Santoni, Florence, Italy
Application June 13, 1934, Serial No. 730,437
In Italy July 4, 1933
9 Claims. (Cl. 95—19)



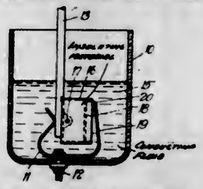
1. In an automatic aerophotographic plate camera, a dark chamber having a horizontal slot in a wall thereof, spaced guides within the chamber for receiving a plate to be exposed, a cylindrical plate magazine arranged with its axis horizontal and substantially on a level with said slot, an annular plate carrier co-axially mounted for rotation within said magazine, a plurality of circumferentially spaced tongues provided on said carrier for holding a plurality of plates in radial planes, whereby said plates may be brought successively into alignment with said slot, and a plate extractor mounted in said chamber for reciprocal movement through said slot, said extractor being provided with means for engaging the proximate and remote edges of a plate so as to withdraw it from the magazine and subsequently return it thereto.

2,122,871
METHOD AND APPARATUS FOR COUNTERBALANCING OIL WELL PUMPING APPARATUS
Walter E. Saxe, Altadena, Calif.
Application September 29, 1936, Serial No. 103,169
18 Claims. (Cl. 74—589)



1. In an apparatus for reciprocating a member including a drive shaft and a crank arm, the combination of: means counterbalancing the weight of the reciprocating member whereby the maximum loads on the drive shaft are substantially equal on the two strokes of the member; means absorbing energy from and decelerating the member on one stroke and delivering energy to and accelerating the member on its succeeding stroke whereby the loads on the drive shaft near the end of one stroke and the beginning of the succeeding stroke are substantially equalized; and means absorbing energy when the crank arm is near dead center position and delivering energy when the crank arm is farthest from dead center position whereby the load on the drive shaft is substantially uniform throughout the stroke.

2,122,872
CURRENT INTERRUPTING MEANS
Edmund O. Schweitzer, Jr., Northbrook, Ill.
Application February 20, 1936, Serial No. 64,800
5 Claims. (Cl. 200—146)



1. An electrical circuit breaking device comprising, in combination, a non-metallic conducting fluid, separable contact means disposed in contact engagement under the surface of said fluid for carrying the main portion of the current of the circuit and disposed on separation thereof to permit the entire flow of current through said fluid, and means for subsequently interrupting the current flow through said fluid between two portions thereof.

2,122,873
BODY GARMENT WITH DETACHABLE SLEEVE
Sidney M. Shuster, Philadelphia, Pa.
Application January 29, 1938, Serial No. 187,602
2 Claims. (Cl. 2—126)

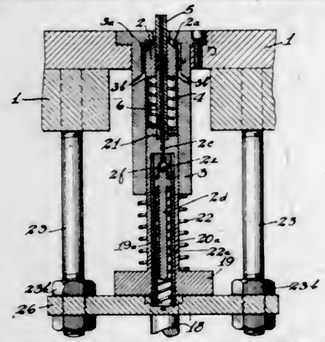


1. A garment including a body portion, a detachable sleeve and a sliding fastener, the sleeve at its attaching edge and the body portion at the inner edge portion of the arm hole each having a set of fastener elements extending throughout the length of such edges to provide for the complete detachment of the sleeve from the body portion, the sleeve having its fastening elements projecting from the sleeve attaching edge, the set of fastening elements for the arm hole being inset from the edge of the arm hole opening a distance greater than the said projection of the sleeve fastener elements, whereby said elements when in locked condition are concealed from view, and a locking and unlocking slide cooperating with said elements.

2,122,874
APPARATUS FOR COMPRESSING FINELY DIVIDED SUBSTANCES
Allen D. Whipple, Alexandria, Ind., assignor to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application January 31, 1935, Serial No. 4,228
2 Claims. (Cl. 18—5)

2. An apparatus for compressing substances,

including a cell for receiving substance to be compressed, means for compressing said substance in said cell, a core extending into said cell



during compression, a supporting member for said core, a ball and socket connection between said core and said member, and devices for separating the compressed substance from said core.

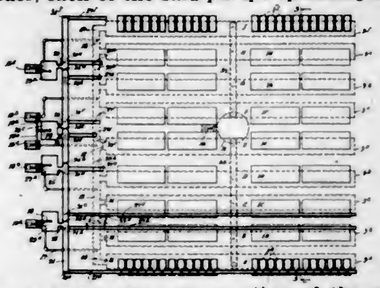
2,122,875
TRY-SQUARE
Eugene J. Witchger, Saginaw, Mich., assignor to The Lufkin Rule Company, Saginaw, Mich., a corporation of Michigan
Application November 4, 1937, Serial No. 172,700
1 Claim. (Cl. 33—103)



In a square wherein a rule formed with a groove along one face is releasably secured to a head slotted to receive the rule, said head being formed with a bore in the plane of the slot, and a clamping bolt received in the bore, its upper portion being formed to present a finger, a transverse wale on the finger, the front of the wale being formed to be received in the groove of the rule, said wale having end portions that project beyond the edges of the finger, the back of the said projecting portions of the wale being formed to engage a side wall of the slot in the head.

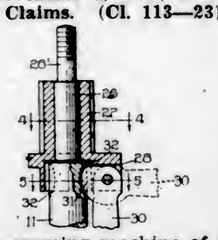
2,122,876
ELECTROLYTIC APPARATUS
William H. Bitner, Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application February 14, 1935, Serial No. 6,426
4 Claims. (Cl. 204—5)

1. Electrolytic apparatus comprising a plurality of cell banks, a common header launder for the banks for supplying electrolyte thereto, a second common launder for the banks for receiving electrolyzed electrolyte therefrom, a sump beneath each cell bank for receiving electrolyte discharged from the cells, overflow launders connecting the sumps with the return launder, feed launders connecting the header launder to the cell banks for delivering electrolyte to the cell banks from the header launder, adjustable means in the launders for controlling flow of electrolyte through the launders and dividing the launders into sections corresponding to predetermined cell banks, and pumps arranged to pump electrolyte from the return launder to the header launder, each of the said pumps operating to de-



liver electrolyte from one section of the return launder to a corresponding section of the header launder.

2,122,877
CAN SEAMING MACHINE
Frank W. Burpee, Chicago, Ill., assignor to Burpee Can Sealer Company, Chicago, Ill., a corporation of Illinois
Application November 4, 1935, Serial No. 48,153
7 Claims. (Cl. 113—23)

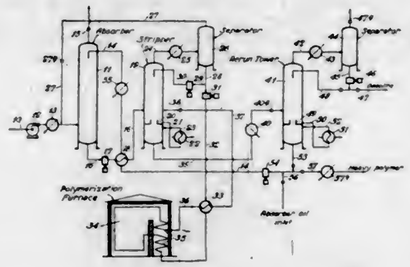


1. In a can seaming machine of the type described, the combination with a frame, a rotatable can chuck journaled in said frame, and a seaming roller lever mounted opposite said chuck, of means for varying the distance between the axis of said chuck and the fulcrum axis of said lever, said means comprising a fixed pin on said frame, an eccentric bushing journaled on said pin and forming a fulcrum bearing for said lever, a handle pivotally connected to said eccentric bushing for turning the latter on said pin, and means on said handle for locking said bushing in, and unlocking it from set position.

2,122,878
POLYMERIZATION OF GASES
Morris T. Carpenter, Chicago, Ill., Robert F. Ruthruff, Hammond, Ind., and Joseph K. Roberts, Flossmoor, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application March 23, 1936, Serial No. 70,244
19 Claims. (Cl. 196—10)

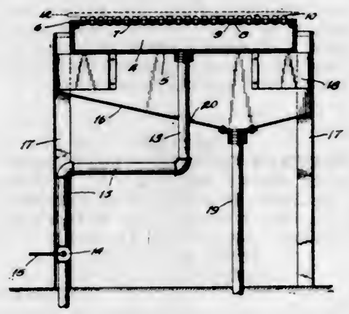
1. In a process for converting hydrocarbon gases which are normally gaseous at atmospheric pressure and temperature into normally liquid hydrocarbon materials, the steps comprising scrubbing normally gaseous hydrocarbons at elevated pressure with a hydrocarbon oil, eliminating undissolved gases from the system, separating dissolved gases from said hydrocarbon oil by heating the same at a pressure higher than the pressure at which they are absorbed in said hydrocarbon oil, liquefying a part of said separated gases by cooling, polymerizing said liquefied gases into liquid products at temperatures of

900–1200° F. and under pressures of 500–3000 pounds per square inch, mixing with the hot polymerized reaction products a portion of the enriched hydrocarbon absorber oil produced by



scrubbing normally gaseous hydrocarbons with the hydrocarbon oil, passing the admixture into a separating zone, and separating the liquid products from unreacted gases.

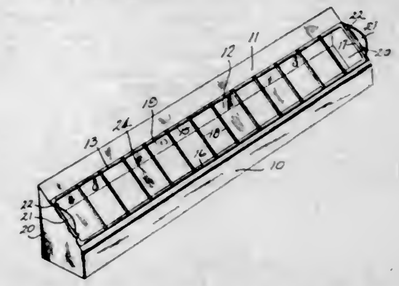
2,122,879
PLATE COOLER
Hyman P. Cohen, Chicago, Ill.
Application May 15, 1935, Serial No. 21,569
2 Claims. (Cl. 62—11)



1. A flowing liquid plate cooler, comprising a closed receptacle having a cooling liquid inlet for continuously flowing liquid and a perforated top with individual projections between the perforations defining a plane supporting surface raised above the plane of the top upon which a plate to be cooled is placed flatly, the projections having rounded heads to provide point contacts with the plate and minimum obstruction to the contact of cooling water against the bottom of the plate, and being spaced apart to afford free passage of the cooling liquid from each of the holes against the plate and around the projections and to allow the overflow or free flow of the liquid from the edges of the top.

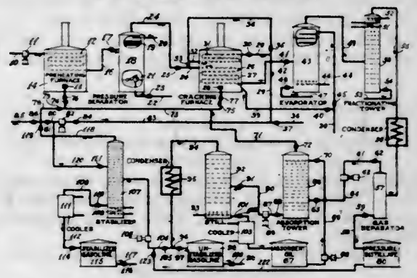
2,122,880
FEEDER FOR PERCHING FOWL
Walter G. Dost, Whitefish Bay, Wis.
Application August 31, 1936, Serial No. 98,636
2 Claims. (Cl. 119—61)

1. In a feeder for perching fowl, a feed container provided with ends having upstanding ears inwardly grooved to provide inwardly extending detents, a sloping apertured top for the feed container having guard receiving means for said aperture, and a guard frame provided with spaced guard strips to be received against said



means in protective relation to the feed and held in position by said detents.

2,122,881
METHOD FOR VAPOR PHASE CRACKING OF OIL
Earle W. Gard, Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application December 6, 1932, Serial No. 645,889
5 Claims. (Cl. 196—9)



1. A process for the pyrolytic formation of high anti-knock gasoline which comprises commingling oil and a recycled normally gaseous hydrocarbon fraction of the character hereinafter defined which is substantially free of fixed hydrocarbon gases of less than three carbon atoms formed during the herein mentioned pyrolytic conversion of the commingled oil and hydrocarbon fraction and which hydrocarbon fraction is at a temperature insufficient to substantially crack the oil upon said commingling of the oil and hydrocarbon fraction, subjecting the mixture of said commingled oil and hydrocarbon fraction to pyrolytic conversion in the vapor phase for a period of time sufficient to pyrolytically convert said mixture into a cracked vapor containing high anti-knock gasoline and into fixed hydrocarbon gases of less than three carbon atoms, separating the cracked vapor resulting from said pyrolytic conversion into stable gasoline, fixed hydrocarbon gases of less than three carbon atoms and a normally gaseous hydrocarbon fraction which is substantially free both of fixed hydrocarbon gases of less than three carbon atoms and hydrocarbons of more than six carbon atoms which were formed during said aforesaid pyrolytic conversion of said commingled oil and hydrocarbon fraction and returning said normally gaseous hydrocarbon fraction as said first mentioned recycled normally gaseous hydrocarbon fraction for commingling with oil for pyrolytic conversion.

2,122,882
ANTHRAQUINONE COMPOUNDS AND METHOD FOR THEIR PREPARATION
Wilbert A. Herrett, Hamburg, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application January 13, 1936, Serial No. 58,875
13 Claims. (Cl. 260—60)

1. Process for the preparation of a 2-amino-1,4-bis-acylamino-anthraquinone, which comprises subjecting a 2-nitro-1,4-bis-acylamino-anthraquinone to the action of ammonium sulphide.

2,122,883
FIRE EXTINGUISHING AND PREVENTING FOAM, BASE THEREFOR, AND METHOD OF PRODUCING THE SAME
Orla E. Hood, Indianapolis, Ind.; Elmer P. Warren, administrator of said Orla E. Hood, deceased, assignor to Myrtle Hood
No Drawing. Application February 18, 1935, Serial No. 7,076
14 Claims. (Cl. 23—11)

2. A fire-smothering foam-producing normally stable liquid comprising in solution a chlorine salt, water, and glycerine foots containing lye glycerine, which liquid remains stable well below 32° F. and upon mechanical admixture with a gas will produce a fire-smothering foam.

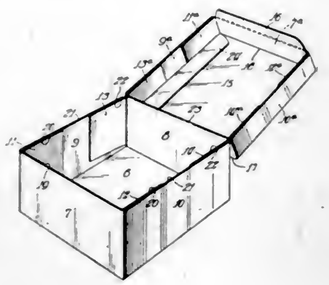
10. A fire-smothering foam-producing liquid comprising a normally stable aqueous solution of glycerine foots and sulphite cellulose liquor.

2,122,884
BUTYL ALCOHOL FERMENTATION PROCESS
David A. Legg and Hugh R. Stiles, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland
No Drawing. Application July 12, 1934, Serial No. 734,802
10 Claims. (Cl. 195—44)

1. In a fermentation of the *Clostridium saccharo-acetobutylicum* type in which the fermenting medium comprises essentially a soluble carbohydrate mash containing monose sugar as a major component, containing substantial concentrations of higher soluble carbohydrates, and deficient in suitable nitrogenous nutrients for said type of fermentation, the step which comprises effecting the fermentation in the presence of the combined supplementary nutrient consisting of ammonia nitrogen in a concentration equivalent to from 0.1 to 0.5% by weight of ammonium sulfate and in excess of 10% by volume of grain distillery slop chosen from the group consisting of slop from a grain mash fermentation by means of starch-fermenting butyl alcohol bacteria and slop from a yeast fermentation of a saccharified grain mash.

2,122,885
CONTAINER
Roy E. Lowey, Chicago, Ill., assignor to Container Corporation of America, Chicago, Ill., a corporation of Delaware
Application August 21, 1936, Serial No. 97,152
3 Claims. (Cl. 229—33)

1. A carton comprising a bottom panel, a front wall, a rear wall and two side walls formed as extensions on the edges of the bottom panel, a top panel formed on the outer edge of the rear wall, a flap on the outer edge of the top panel, attaching flaps of substantially the same width as said walls attached to the end of one and adhesively secured to the inner face of the other of the walls at each corner of the carton, to hold all of said walls in upright position, flaps on the extremities of the side walls attached to the under side of the top panel, the rear wall being scored along a line intermediate its top and bot-



tom to provide a hinge, the front and side walls and the attaching flaps being respectively provided with a weakened line of perforations in substantial alignment with the hinge line in the rear wall whereby, when the carton walls and the attached flaps are severed along their weakened lines, a flanged closure is provided which may be opened by swinging same rearwardly upon the hinge line formed in the rear wall.

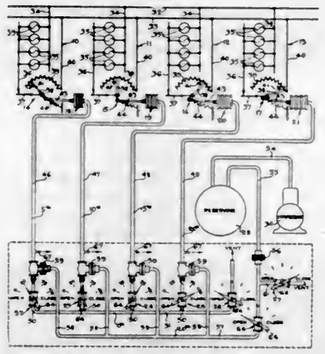
2,122,886
PROCESS OF POLYMERIZATION
Barnard M. Marks, Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 11, 1936, Serial No. 115,351
6 Claims. (Cl. 260—2)

1. In the batch process of polymerizing an ester from the group consisting of the esters of acrylic, methacrylic, and homologous acids, to obtain a granular polymer by dispersing the monomeric ester in an aqueous vehicle containing a granulating agent, subjecting same to polymerizing conditions, and filtering off the granular polymer, the step comprising polymerizing one batch in an aqueous vehicle containing a substantial part of the filtrate obtained from a preceding batch.

2,122,887
LIGHTING CONTROL SYSTEM
William L. McGrath, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application April 27, 1936, Serial No. 76,534
23 Claims. (Cl. 175—312)

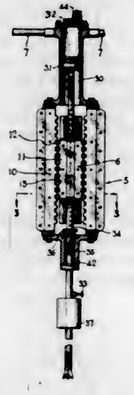
1. In a lighting control system, the combination of lighting means for giving a desired lighting effect, regulating means in control of said lighting means, a pressure motor for positioning said regulating means, means for biasing the pressure motor and the regulating means in one direction, a source of air under pressure, a vent for said pressure motor, and valve means controlling the air pressure in said pressure motor,

the air under pressure acting against said biasing means whereby the lighting effect is controlled



in accordance with the positions of said valve means.

2,122,888
ELECTRICAL DRILL OR HAMMER
Joseph F. McLeer, Brooklyn, N. Y.
Application October 3, 1934, Serial No. 746,699
Renewed April 16, 1938
5 Claims. (Cl. 172—240)



1. A machine tool comprising a relatively stationary casing, a reciprocatory member guided for movement in said casing and means to reciprocate the latter comprising a poly-phase reciprocatory motor having a primary element carried by the casing and consisting of a slotted core member extending parallel to the line of movement of the reciprocatory member positioned at one side of and with its slots facing said reciprocatory member and coils in said slots with their axes at right angles to the direction of movement of the reciprocating element, and a secondary element carried by the reciprocatory member comprising a slotted core member extending longitudinally of the reciprocatory member with its slots facing the primary element and a squirrel cage grid member positioned in said slots and means for periodically changing the current in the primary element to cause reciprocatory movement of the secondary element.

2,122,889
PROCESS FOR THE PRODUCTION OF ACETYLENE
Otto Mues, Frankfort-on-the-Main-Schwanheim, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 18, 1936, Serial No. 85,845. In Germany June 22, 1935
4 Claims. (Cl. 48—216)

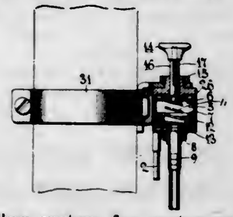
1. A process for the production of acetylene from calcium carbide which comprises adding only so much water to the calcium carbide as is necessary for the production of acetylene and a practically dry calcium hydroxide while simultaneously stirring the mixture of calcium carbide, and calcium hydroxide formed during the process and separating the calcium hydroxide from the calcium carbide by the action of a current of an inert gas conducted therethrough with such a speed as to carry away the calcium hydroxide having been detached by the mechanical stirring.

2,122,890
PROJECTION SCREEN AND ART OF PRODUCING IT
David F. Newman, Freeport, N. Y., assignor to Trans-Lux Corporation, a corporation of Delaware
Application July 16, 1932, Serial No. 622,980
8 Claims. (Cl. 88—24)



1. A projection screen comprising a sheet-like translucent body, and a plurality of layers of light-diffusing material associated with said translucent body, one of said layers being a fabric sheet and another of said layers being formed from comminuted material.

2,122,891
VEHICLE SIGNAL
John R. Oishei, Buffalo, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.
Application February 5, 1935, Serial No. 5,106
22 Claims. (Cl. 116—39)



1. A signalling system for motor vehicles having a source of low pressure influence during engine operation, said system having an indicator, a fluid pressure chamber, a wall movable in the chamber with restricted means provided for normally equalizing the fluid pressure on opposite sides of the wall, means providing constant fluid communication between the source of varying pressure and the chamber at one side of the movable wall, manually pre-set means for initially opening the chamber at the opposite side of the wall to the atmosphere for unbalancing the pressures at opposite sides of the wall and creating a pressure differential for moving the latter, means for rendering the indicator operative by and during movement of the wall, means operable by the movable wall for maintaining the atmos-

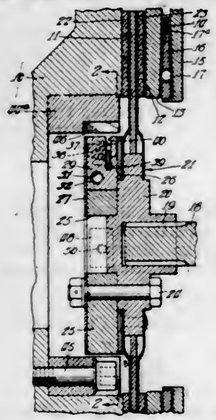
pheric side of the chamber open to the atmosphere subsequent to the release of the manually pre-set means, and automatic means for restoring the movable wall and rendering such maintaining means inoperative when the pressure influence of such source varies a predetermined degree.

2,122,892

CLUTCH STRUCTURE

Palmer Orr, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application June 1, 1936, Serial No. 82,730
9 Claims. (Cl. 192—48)



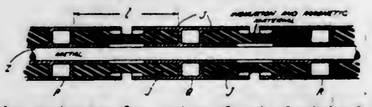
1. A clutch structure comprising driving and driven parts, clutch means non-restrictive of relative rotation between said parts at low speeds but adapted to establish a driving connection therebetween at higher speeds, and a unidirectional drive clutch means adapted to preclude the driven part overrunning the driving part at low speeds but becoming inoperative upon sufficient increase in speed.

2,122,893

CONDUCTOR FOR RADIO FREQUENCY CURRENTS

Hans Otto Roosenstein, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application July 8, 1933, Serial No. 679,505
In Germany August 12, 1932
13 Claims. (Cl. 250—33)



1. An antenna for extra short electrical magnetic waves, comprising a rod-like conductor having recesses below the surface of said conductor, said recesses being spaced at not less than one-half the working wave, said recesses partly filled with insulating material to increase the mechanical strength of said antenna.

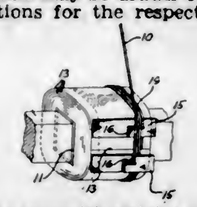
2,122,894

ELECTRICAL COIL

John W. Sager, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application October 8, 1935, Serial No. 44,023
1 Claim. (Cl. 175—362)

An electrical coil structure comprising concentric inner and outer coils wound from a continuous length of wire, each coil comprising a plurality of layers of windings and retaining means for separating a portion of a layer in one of said coils lying adjacent the other coil from the remaining portion of said layer, whereby said separated portion may be drawn out to form external connections for the respective coils, said



retaining means comprising strips of material disposed transversely of said layer of windings, and said strips having angular wire receiving slots for interlocking engagement with the wire at the junctions of said separated portion with the respective coils, whereby the withdrawal of more than said separated portion of said layer is positively prevented.

2,122,895

WOOD STAIN

Elwood J. Schuessele, Jenkintown, Pa., assignor to The Lawrence-McFadden Co., Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application July 14, 1936, Serial No. 90,537
8 Claims. (Cl. 8—3)

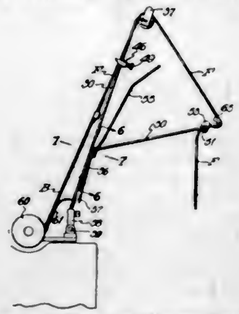
1. A wood stain containing a water-soluble aniline dye in solution in methyl lactate, which constitutes the essential dye-solvent of the stain, whereby the stain is rendered substantially non-shade-changing prior to use, non-hygroscopic and penetrant of wood without raising its grain, and non-bleeding into lacquer or similar coatings subsequently applied to the stained surface.

2,122,896

TENSION DEVICE

William F. Simonson, Forest Hills, N. Y.

Application February 4, 1937, Serial No. 124,019
6 Claims. (Cl. 197—126)



1. A device of the character described comprising in combination, a frame member, means for attaching said frame member to a typewriting machine, means for guiding strips of paper over said frame member when the paper is moved in the feeding direction, a bail-like member pivotally mounted on said frame member, a transversely extending tensioning member adjustably mounted on said bail-like member closely adjacent one end thereof and around which strips

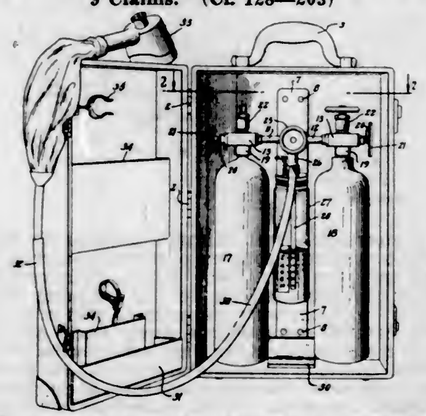
of paper are adapted to pass to the frame member, said bail-like member being movable against the action of gravity when the paper strips are moved in the feeding direction and movable under the action of gravity when the paper strips are moved in the reverse or non-feeding direction to take up the slack in said paper strips.

2,122,897

APPARATUS FOR DISPENSING COMPRESSED GASES

Clay C. Straw, Ansonville, Pa., assignor to Oxygen Equipment and Service Co., Chicago, Ill., a corporation of Illinois

Application May 25, 1936, Serial No. 81,642
9 Claims. (Cl. 128—203)



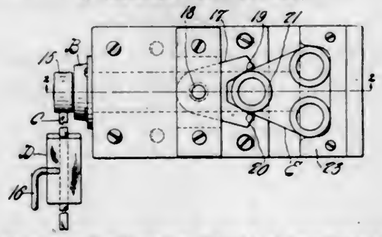
5. An apparatus for dispensing compressed gas including in combination a rigid casing adapted to rest on an end, a supporting base plate fastened to an interior wall of said casing, and extending over a substantial part of the wall, a dispensing fixture fixed to said base plate within the casing, a compressed gas cylinder suspended from said dispensing fixture, a gas conduit from said cylinder to said fixture, a valve in said fixture, a gas flow rate indicating meter supported from said fixture, a conduit delivering gas from said fixture to said meter, and an inhaler tube to take the metered gas from said flow indicating meter.

2,122,898

WORK HOLDER

Guy E. Swartz, Detroit, Mich.

Application December 9, 1936, Serial No. 115,029
3 Claims. (Cl. 90—60)



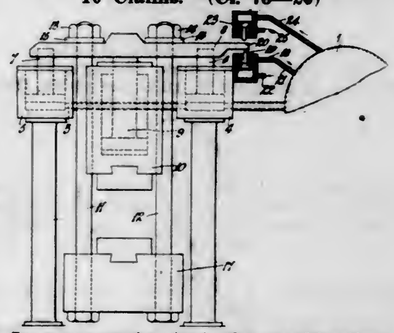
1. In a work clamping device, a reciprocatively movable clamping member, a rotatable stub having a spiral groove therein, a stud fixed to said member and engaging with said groove, a lever on said stub for moving the same rotatively, and a weight on said lever for moving said stub rotatively in one direction.

2,122,899

FLUID-OPERATED BALANCING SYSTEM

Frank Hathorn Towler and John Maurice Towler, Rodley, near Leeds, England

Application August 12, 1936, Serial No. 95,664
In Great Britain August 19, 1935
10 Claims. (Cl. 78—20)



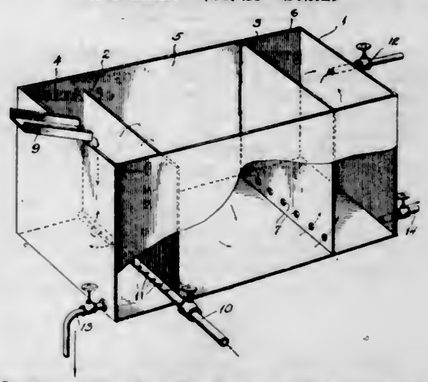
1. In a percussive tool, the combination of a frame member, an anvil block carried thereby, a tup mounted on said frame for reciprocating movement above said block, and to be supported by said frame when at the top of its upward movement, elastic fluid pressure means for supporting the weight of said frame, tup and block before said tup descends, for causing said frame and block to rise when the weight of the tup is released therefrom in descending, and means for automatically adjusting the pressure of said fluid pressure means on variation from normal in the movement of said block.

2,122,900

METHOD OF AND APPARATUS FOR DISSOLVING SOLUBLE SOLID MATERIALS

Ralph Reif Uhrmacher, Louisville, Ky.

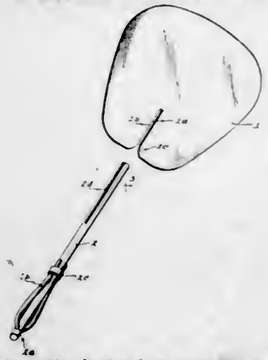
Application September 14, 1937, Serial No. 163,855
2 Claims. (Cl. 23—272.1)



2. Apparatus for dissolving salt or other soluble material comprising a receptacle capable of retaining the solution, two baffle structures dividing said receptacle into three compartments, the first of said baffle structures terminating below the top of the receptacle, the other having openings in its lower part to allow flow from one compartment to the other separated thereby, means for feeding material to be dissolved into the upper part of the first compartment, means comprising a transversely extending perforated pipe for supplying a solvent to the lower part of the same compartment whereby the flow of the materials

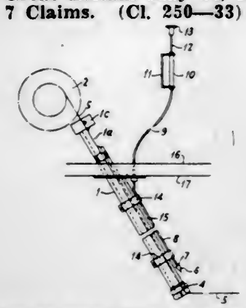
are approximately opposite to each other, the middle compartment having a filter of the same material to be dissolved for the concentrated solution passing therethrough, the perforation in the second baffle structure being below the filter bed through which the saturated solution flows to the third or settling chamber.

2,122,901
HANDLE FASTENING MEANS
Otto Joseph Urbanek, Chicago, Ill.
Application September 28, 1936, Serial No. 102,919
5 Claims. (Cl. 230—266)



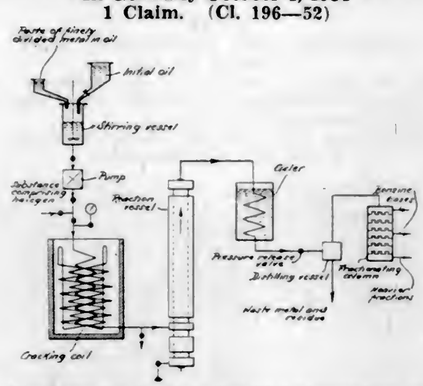
1. In a handle fastening means, a blade having a relatively long narrow rectangular centrally extending slot formed therein, said slot curving arcuately outward near the periphery of said blade, and a handle having a centrally laterally formed slot therein and a pair of relatively long diametrically opposed grooves extending substantially longitudinally therein terminating at the rearward portion of said slot in said handle and curving arcuately outward at the most rearward part of said groove, said slot and grooves in said handle adapted to frictionally engage said slot in said blade, forming a relatively tight connection between said blade and said handle.

2,122,902
EARTH SWITCH ARRANGEMENT
Arthur William Whistlecroft, Croydon, England, assignor to Radio Corporation of America, a corporation of Delaware
Application May 23, 1936, Serial No. 81,377
In Great Britain May 24, 1935
7 Claims. (Cl. 250—33)



1. An antenna grounding switch arrangement comprising a fixed contact member located adjacent to and electrically connected with said antenna, a movable switch contacting member located near said fixed contact, and means for remotely operating said movable switch contacting member to ground said antenna when not in use.

2,122,903
PRODUCTION OF VALUABLE HYDROCARBONS
Karl Winkler, Leuna, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application September 25, 1935, Serial No. 42,066
In Germany October 4, 1934
1 Claim. (Cl. 196—52)



A process for treating liquid hydrocarbon mixtures to produce a splitting of the hydrocarbons of said mixtures into lower boiling hydrocarbons which comprises adding to said mixtures from .02 to 1 percent with reference to said mixtures of a catalyst comprising a single finely grained solid metal selected from the class consisting of nickel and molybdenum and from .07 to .7 percent with reference to said mixtures of an organic halogen compound, which under the conditions of working is capable of splitting off halogen or halogen hydrides, preheating said mixtures in the presence of the added catalyst, passing said mixtures into a reaction, maintaining said mixtures therein in the absence of added hydrogen for a period of only 1 to 5 minutes at a temperature of 420 to 550° C. and a pressure of at least 50 atmospheres, the conditions being so correlated with the hydrocarbon mixtures that said mixtures remain for the most part in the liquid phase.

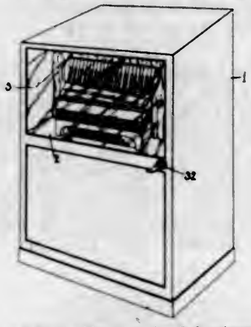
2,122,904
TAMPERPROOF CAN
George M. Ambrosius, Lakewood, Ohio, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio, a corporation of Ohio
Application June 2, 1936, Serial No. 83,098
1 Claim. (Cl. 220—76)



A device of the character described comprising a container body, a cover therefor and means

for preventing intact removal of said cover, said means including a reinforcing bead on said container body to prevent bending therof, said bead lying beyond and adjacent said cover when it is in place; a central depression in said cover; a narrow groove in said cover for tightly receiving the upper edge of said container body; and a plurality of spaced interlocking indentations on said container body and cover.

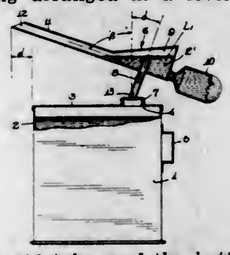
2,122,905
AUTOMATIC MUSICAL INSTRUMENT
John Bacigalupi and Louis Bacigalupi, Sr., Los Angeles, Calif.
Application October 6, 1936, Serial No. 104,213
4 Claims. (Cl. 84—83)



1. In an automatic musical instrument, a plurality of keys for controlling the movement of compressed air to a plurality of sound producing members, means for supplying compressed air for the vibrating of the members, a collapsible bellows associated with each key having means connecting it to a key, a suction distributor, means for withdrawing air from the distributor, a tubular conduit connecting each bellows with the distributor and a valve means therein, a perforated tracker bar with which a perforated music sheet normally engages, a tubular conduit connecting each perforation of the tracker bar with the suction distributor, each of the conduits leading from the tracker bar being associated with a particular conduit leading to a collapsible bellows, whereby a certain perforation in the tracker bar being opened by a perforation in a music sheet registering therewith allows air to pass to the distributor to cause the suction of air from a particular bellows, whereby a certain key may be operated in accordance with the registering of a certain perforation of the music sheet with a certain perforation of the tracker bar to control the movement of compressed air to a particular sound producing member.

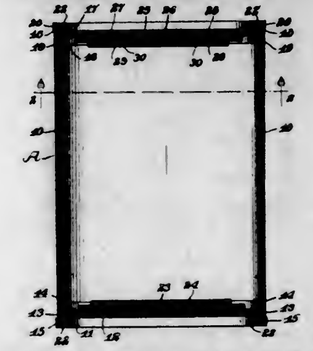
2,122,906
MEASURING SPOUT FOR RECEPTACLES
Walter H. Baum, New York, N. Y.
Application December 4, 1937, Serial No. 178,018
3 Claims. (Cl. 221—98)

1. A measuring spout for a receptacle provided with an outlet, comprising: a base having a passage, means adapted to connect said base with said outlet, a measuring chamber, said measuring chamber comprising a compartment of opaque material and a casing of transparent material communicating with said compartment, and a tube connecting said measuring chamber with said passage, the middle axis of said tube being inclined to the middle axis of said base by an angle of about 20°, the upper end of said tube extending into said measuring chamber for a predetermined length determining the amount of liquid to be measured in said chamber, the measuring chamber being provided with a discharge opening arranged at a level above the



upper end of said tube, and the bottom of said measuring chamber being inclined in an upward direction relative to the middle axis of said base.

2,122,907
PROCESS OF MAKING A GREASEPROOF CONTAINER
Jose B. Calva, St. Paul, Minn., assignor to General Products Corporation, Minneapolis, Minn., a corporation of Minnesota
Application April 27, 1935, Serial No. 18,550
1 Claim. (Cl. 91—70)



A process of making a grease proof container which comprises applying to the interior surface of the container a continuous non-porous grease-proof film consisting of:

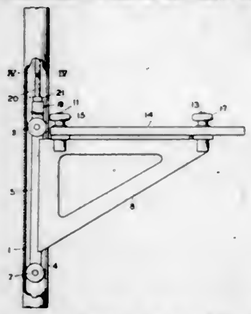
	Parts
Animal glue	1
Glycerine	1/10 to 5
Formaldehyde	1/2 to 15
Water	2 to 15

subjected to a temperature above the reaction temperature of the formaldehyde with the glue for a sufficient time to produce an insoluble continuous film.

2,122,908
HOIST
Charles B. Collins, San Anselmo, Calif.
Application April 28, 1937, Serial No. 139,445
3 Claims. (Cl. 187—6)

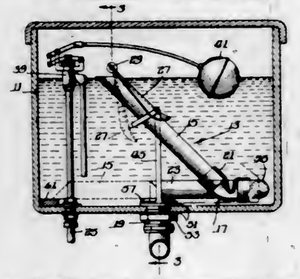
2. A hoist including a vertical tubular guide member having a longitudinal slot therein; a traveller within said guide member; rollers mounted at the top and bottom of said traveller and engaging the interior of said guide, said rollers being of a width sufficient to extend across said slot and engage the interior of said guide on opposite sides thereof; a bracket fixed on said traveller and extending laterally therefrom through said slot; a pair of opposed arms extending laterally from said bracket; a platform

adapted to rest on said bracket and said arms; and threaded means located at the end of said



bracket and each of said arms for detachably securing the platform thereto.

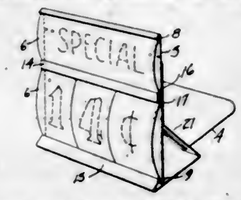
2,122,909
FLUSH TANK
Severin L. Egenas, Oak Park, Ill., assignor to Dr. Hermann Hille, Chicago, Ill.
Application March 25, 1937, Serial No. 133,027
7 Claims. (Cl. 4—42)



1. In a flush tank, the combination of inlet means for supplying water to said tank, outlet means for discharging water from said tank, a discharge conduit floating in the water in said tank, means connecting the lower end of the conduit to said outlet means, said last mentioned means comprising a flexible tube permitting the raising and lowering of said conduit, and means for causing the water in the tank to flow into said conduit whereby said conduit is depressed by the weight of the water therein to flush said tank.

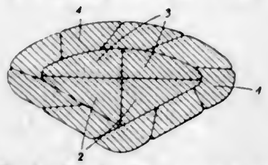
2,122,910
DISPLAY CARD HOLDER
David Garfinkle, Alameda, Calif.
Application September 14, 1936, Serial No. 100,672
4 Claims. (Cl. 40—152)

1. A display card holder comprising a one-piece sheet metal body having angularly related sections one of which is arranged to provide a base for supporting the other section in an upright position, said second section having vertically spaced substantially coplanar portions united by a transversely extending portion forming with said first portions opposed grooves arranged for the reception of card edges, said upper of said first portions being formed at the upper margin with a transversely extended folded portion providing a card edge receiving groove arranged to cooperate with said one of the grooves aforesaid for retaining a card upon said upper portion, said lower of said first portions being united with said base section by a transversely extending portion forming with said lower portion a groove arranged to cooperate with the other of said opposed grooves for holding a card



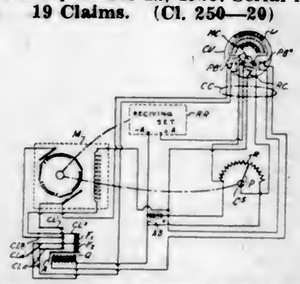
upon said lower portion, and said base section having stuck up therefrom bracing strips extending to said rear of said first mentioned portions and secured thereat to each of them.

2,122,911
STRANDED MEMBER FORMED OF WIRE OR METAL STRIP, PARTICULARLY APPLICABLE TO ELECTRIC CONDUCTORS
Philip Vassar Hunter, London, and Harry Hill, Belvedere, Kent, England, assignors to Callender's Cable and Construction Company, Limited, London, England, a British company
Application June 3, 1937, Serial No. 146,246
In Great Britain June 17, 1936
3 Claims. (Cl. 117—20)



1. A method of manufacture of a non-circular pre-spiralled stranded electric conductor having a central part and an outer part, consisting of forming of strip a member having a smoothly curved sectional outline corresponding with the non-circular shape of the finished conductor, pre-spiralling the member to form the central part, forming each of a number of wires with an initial cross-sectional shape which is that of a four-sided figure, stranding around the central part a layer of these wires and consolidating the wires to fit closely together upon the central part to form the outer part, the initial cross-sectional shape of each of the wires approximating to the average shape of the wires after consolidation.

2,122,912
AUTOMATIC REMOTE CONTROL RADIO RECEIVING SET
Sol J. Levy, New York, N. Y., assignor, by mesne assignments, to Federal Telegraph Company, Newark, N. J., a corporation of California
Application September 12, 1925, Serial No. 55,989
19 Claims. (Cl. 250—20)



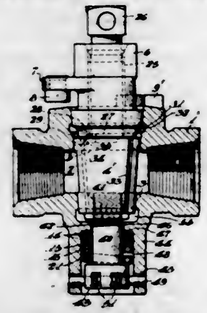
7. A remote control system for a radio receiver having tuning and volume adjustments comprising means to actuate the tuning and volume adjustments of said receiver from a point remotely situated from said receiver.

2,122,913
METHOD OF PICKLING COILED METAL
Charles H. Manion, Follansbee, W. Va.
Application November 9, 1937, Serial No. 173,575
3 Claims. (Cl. 148—8)



1. The method of pickling continuous steel strip in a tank containing the fluid bath, comprising the winding of the strip into a loose coil; positioning the coil on an inclined trackway extending through the fluid bath so that the coil supports its own weight thereon and thereby spreads open the convolutions of an upper segmental portion of said coil so as to permit access of the fluid bath to all exposed surfaces of the open convolutions, and periodically permitting the coil to gravitate downwardly on the trackway to intermittently rotate the coil to close the convolutions previously treated and to open others of successive segmental sections of said coil.

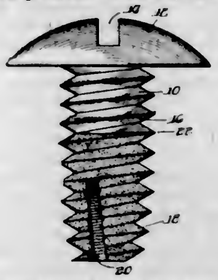
2,122,914
PLUG VALVE
Sven J. Nordstrom, Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa., a corporation of Delaware
Application May 27, 1935, Serial No. 23,537
4 Claims. (Cl. 251—93)



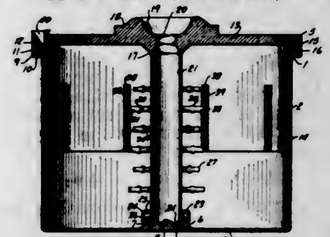
1. In a plug valve, the combination of a body, a tapered valve plug disposed therein, passageways in the body and plug for controlling the flow of fluid, a nonrotating extension at the smaller end of the plug forming a threaded connection therewith, packing surrounding the extension and seated against the body, a spring superposed upon the packing, and means on said extension cooperating with the spring to draw the plug toward its seat.

2,122,915
THREAD FORMING FASTENER
Carl G. Olson, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a corporation of Illinois
Application November 12, 1936, Serial No. 110,523
8 Claims. (Cl. 85—41)

1. A thread cutting screw fastener formed of non-corroding material and adapted for use in a work piece of the same or similar material wherein physical seizing normally occurs, said fastener having a coating of a dissimilar metal on a threaded portion thereof, the fastener having normally exposed portions which are free from said coating.

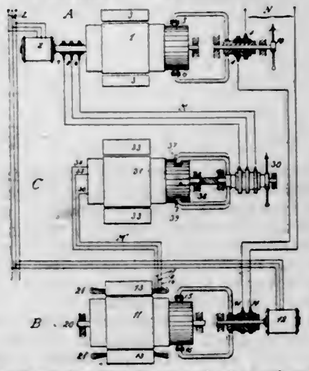


2,122,916
FILM DEVELOPING APPARATUS
Ira T. Parker, Tulsa, Okla.
Application June 23, 1937, Serial No. 149,911
15 Claims. (Cl. 95—90)



1. In an apparatus of the character described, a tank comprising telescoping sections and having inlet and outlet openings, means in the tank at the inlet and outlet openings for excluding light therefrom, and means in the tank on one of said telescoping sections positioned within the other section when the sections are in telescoped relation for retaining a film in position in the tank for developing treatment.

2,122,917
AMPLIFIER OF SPACE DISPLACEMENTS
Joseph Maximus Pestarini, Grant City, Staten Island, N. Y.
Application October 12, 1936, Serial No. 105,198
3 Claims. (Cl. 172—239)



1. In a plant for the transmission of an angular displacement resulting from n components and

for the amplification of the transmitting torque, a primary transmitting machine creating a polyphase system of currents having a frequency equal to the sum of a "fundamental" frequency w and a "dictated" frequency v_1 proportional to the speed of a first component displacement, essentially consisting of a wound armature, an iron ring encircling said armature, collecting means for delivering the polyphase currents on one side of said machine and a commutator on the other side, and a set of brushes cooperating with said commutator and traversed by a direct constant current, means for imparting a relative rotation to the set of brushes and armature with a speed proportional to $w+v_1$, a set of $n-1$ secondary transmitting machines, each receiving the polyphase currents of the frequency

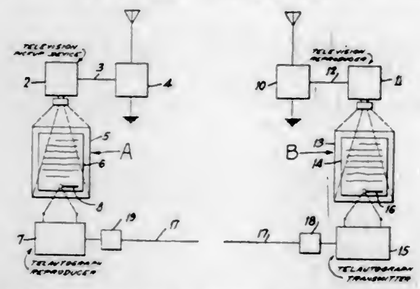
$$w+v_1+v_2+ \ . \ . \ . \ v_h$$

and transforming them into polyphase currents of the frequency $w+v_1+v_2+ \ . \ . \ . \ v_h+v_k$ and essentially consisting of a wound armature, an iron magnetic ring encircling said armature, a commutator, a set of brushes and a set of collecting means whereby said secondary transmitting machine receives the first system of currents through said set of brushes and delivers the second system of currents through said set of collecting means, means for imparting a relative rotation to the two sets with a speed proportional to the added "dictated" frequency v_k; a receiving machine essentially consisting of a wound stator member and a wound rotor member, one of said members being fed by the polyphase system of currents of the frequency

$$w+v_1+ \ . \ . \ . \ +v_n,$$

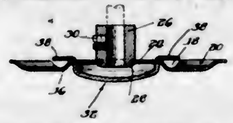
a commutator and a set of two brushes associated with the other member and traversed by a direct constant current and means for imparting a relative rotation to said brushes with an angular speed proportional to the fundamental frequency w.

2,122,918
COMMUNICATION SYSTEM
Edward D. Phinney, Mount Vernon, N. Y.
Application June 29, 1935, Serial No. 29,041
6 Claims. (Cl. 178—19)



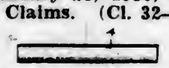
1. A communication system comprising a first station and a second station, a television pick-up device at said first station, a television reproducing device at said second station, means for electrically interconnecting said television devices, a telautograph reproducer at said first station arranged to cover at least a part of the field of view of said pick-up device, a telautograph transmitter at said second station arranged to cover a corresponding part of the field of view reproduced by said television reproducer and means for electrically interconnecting said telautograph transmitter and reproducer.

2,122,919
FAN STRUCTURE
Edward S. Preston, Hinsdale, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application November 15, 1937, Serial No. 174,536
2 Claims. (Cl. 170—177)



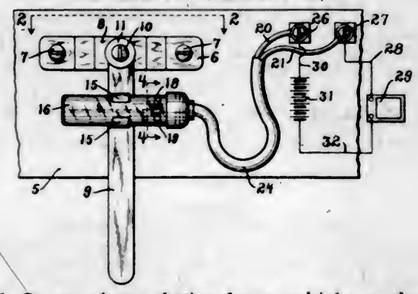
1. A fan comprising a propeller member having a plurality of blades formed of sheet material, a central apertured bushing mounted in said propeller and providing an axial aperture extending therethrough for engagement of and attachment to a drive shaft extending from the point on the inward side of the propeller, said propeller being distorted outwardly of its normal plane to provide an inwardly facing, annular channel about said bushing adapted to cause an annular rib to be formed on the outer face thereof, said annular rib refining within its limits an outwardly facing depression, a concave sheet cap member on said outer face located entirely within said depression and enclosing the outer end of said apertured bushing, and tabs on said cap member extending through the propeller and bent over to maintain the cap in said position.

2,122,920
DENTAL STICK
Arthur N. Russell, Seattle, Wash.
Application January 28, 1936, Serial No. 61,253
5 Claims. (Cl. 32—58)



1. A dental polishing stick comprising a mixture of a cementitious ingredient, a polishing ingredient and comminuted asbestos molded into a rigid self supporting form, the asbestos being in a form sufficiently comminuted to act as a binder and carrier for the other ingredients and also as a buffing agent, which is exposed at the active face of the stick to perform a buffing operation.

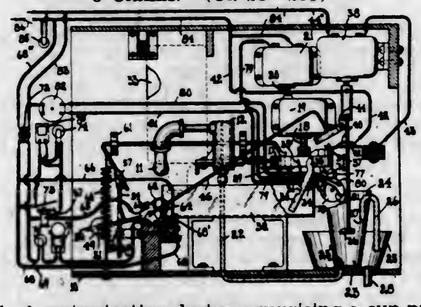
2,122,921
ALARM DEVICE
Donald Sands, Akron, Ohio
Application April 25, 1934, Serial No. 722,325
2 Claims. (Cl. 200—52)



1. In an alarm device for a vehicle, a closed cylindrical container, holding means therefor, said holding means movable in a plane disposed transversely of the vehicle, said container rotatable in said holding means, a liquid of high electric conductivity partly filling said container,

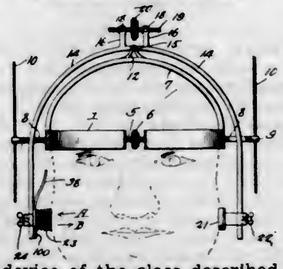
electrical terminals projecting into said container for contact with said liquid, said terminals positioned on diametrically opposite sides of the axis of said container, said holding means selectively movable to set said container in a position in which said terminals will not be connected by said liquid, spring operated means for restraining the movement of said holding member, said terminals adapted to be operatively interposed in an alarm circuit, said liquid adapted to connect said terminals and close said circuit when the container is subjected to a slight movement.

2,122,922
LIQUID TESTING APPARATUS
Clayton W. Woods, Omaha, Nebr.
Application June 26, 1936, Serial No. 87,444
5 Claims. (Cl. 23—253)



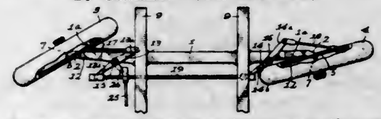
1. A water testing device comprising a cup provided with an outlet, a vessel mounted vertically in said cup having an open end disposed higher than the open end of said cup, a tube having an end disposed higher than said cup and within said vessel, the other end of said tube disposed within said cup for syphoning water from the vessel, an agitator having an end disposed within said vessel, a conduit in communication with said vessel adapted to be connected with a source of supply of test water, a normally closed cut-off valve for the conduit, a revoluble cam for opening said valve, a reservoir for liquid soap, a swingable dipper adapted to remove soap from the reservoir, said dipper having a spout adapted to swing towards said vessel for transferring soap from the reservoir to the vessel, a lug carried by said cam for swinging said spout, a pivotally mounted float arranged to swing into and out of alignment with said vessel, a signal device adapted to be actuated by said float, and driving means for said devices.

2,122,923
WELDER'S HEADGEAR
Bernard Yettner, San Francisco, Calif.
Application February 1, 1938, Serial No. 188,141
6 Claims. (Cl. 2—8)



1. In a device of the class described, a frame, a hood carried by the frame and having an opening, a pivotally mounted shutter controlling the opening, an air pump, means for mounting the air pump on the frame in such position that the air pump will be actuated when the lower jaw of the operator is closed with respect to the upper jaw, mechanism for moving the shutter to and from closed position with respect to the opening of the hood, and means actuated by the pump for operating said mechanism.

2,122,924
AUTOMOBILE STEERING GEAR
Francis Du Pont Ammen and Paul Edward Schneider, Los Angeles, Calif.; said Schneider assignor to said Ammen
Application April 1, 1935, Serial No. 14,054
10 Claims. (Cl. 280—95)



1. In an automobile steering gear, the combination of an axle member having an inclined steering head at each end inclined in a substantially horizontal plane, a knuckle-head at each end of the axle-member having a chamber on its inboard side receiving its corresponding steering head, a wheel mounted on each knuckle-head, means for mounting each knuckle-head at the outer end of its corresponding steering head for rotation on a substantially vertical axis, each inclined steering head operating to increase the angle of swing of the wheel in one direction on said vertical axis, the chamber of each knuckle-head having a lateral width measured from the said vertical axis in the plane of said steering head, greater than the length of the inclined steering head to enable the wheel to swing through a relatively large angle in the other direction, means for connecting the wheels for swinging the same in unison on said vertical axes, and means for imparting steering movement to the above-named parts.

2,122,925
COUPLING FOR CANVAS TUBING
Frank M. Bins, Butte, Mont.
Application September 29, 1937, Serial No. 166,424
5 Claims. (Cl. 285—71)

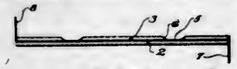


1. A coupling for flexible tube sections comprising an annulus provided with interior circumferential parallel grooves of substantial V-shaped cross-section; and expansible split rings adapted to conform with the internal diameter of the annulus inserted within exterior cuffs formed at the ends of flexible tube sections and respectively wedged in the grooves in the annulus; and handle means for facilitating contraction of the rings.

2,122,926
FLASHING
Joseph Blacher, Boston, Mass.
Application January 30, 1937, Serial No. 123,174
3 Claims. (Cl. 72—127)

1. A flashing comprising a flat continuous strip of sheet metal embodying therein a plurality of

parallel continuous flat-bottomed drainage channels, uniform in cross section throughout their lengths and spaced apart at sensible distances, and a plurality of discontinuous inverted flat-bottomed channels, uniform in cross section throughout substantially their lengths, arranged



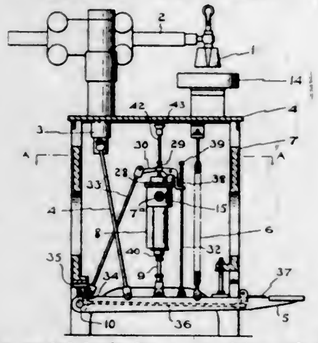
in series interposed between and parallel to adjacent pairs of the parallel continuous drainage channels, the flat bottoms of the continuous drainage channels and of the discontinuous inverted channels being disposed, respectively, below and above the flat continuous strip of sheet metal in planes parallel thereto.

2,122,927

PRESSING MACHINE

Stanley Booth, Leeds, England

Application December 20, 1935, Serial No. 55,485
In Great Britain April 1, 1935
4 Claims. (Cl. 74—527)



1. In a pedal lock for a machine of the type comprising a frame, a member supported for movement on said frame, and mechanism including an operating element such as a foot lever for displacing the said member in relation to the frame; locking means for retaining the movable member in any desired displaced position, said locking means comprising a piston pump having its cylinder connected to the said frame and having a downwardly extending piston rod connected to said operating element, a liquid reservoir, valve means comprising a main valve having a ported sleeve-like part projecting into the pump cylinder, a seating within said sleeve-like part and a baffle member closing the open end of said sleeve-like part, and a pilot valve having its head disposed in the said sleeve-like part to co-operate with the said seating, said valve means being arranged to permit flow of liquid from the reservoir to the pump on movement of the said mechanism to displace the said member and to close automatically upon cessation of such movement of the said mechanism, and control means for opening the said valve means to permit return flow of liquid from the said pump to the said reservoir.

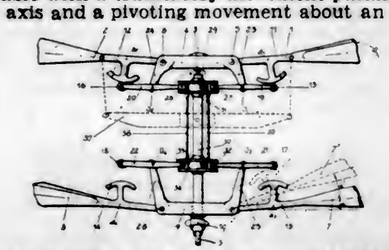
2,122,928

GYROPLANE

Louis Breguet, Paris, France, assignor to Societe Anonyme des Ateliers d'Aviation Louis Bréguet, Paris, France, a company of France

Application June 23, 1937, Serial No. 149,977
In France July 20, 1936
7 Claims. (Cl. 244—17)

1. In connection with a gyroplane including at least two sets of revolving blades adapted to turn in opposite directions respectively about a common axis and free to move in vertical planes passing through said axis, a safety device which comprises, in combination, two circular elements having each its center on said axis and correlatively movable with a translatory movement parallel to said axis and a pivoting movement about an axis



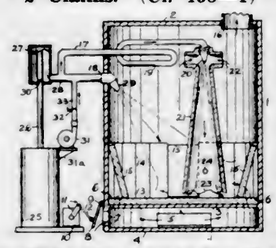
at right angles to said first mentioned axis, and means for connecting said two sets of blades to said two circular elements respectively, said means being operative in only one direction of transmission of movement, so as to limit the relative angular displacements of the respective blades of the two sets toward one another.

2,122,929

COMBUSTION APPARATUS

William Douglas Carter, Caldwell, N. J.

Application April 27, 1934, Serial No. 722,646
2 Claims. (Cl. 158—1)



1. In an oil-burning apparatus, the combination of a fire-box, a target against which impinging gases are mixed in the fire-box, a liquid-fuel spray-nozzle, means supplying liquid fuel to the spray-nozzle, the spray-nozzle being directed toward the target, a gas recirculation tube, said tube having openings formed therein communicating with the fire-box, one of said openings being directed toward the target, an air nozzle, and means supplying air under pressure to the air-nozzle, the air-nozzle being so positioned as to discharge a jet of air through the tube toward the target whereby gases from the fire-box are also impelled through the tube against the target.

2,122,930

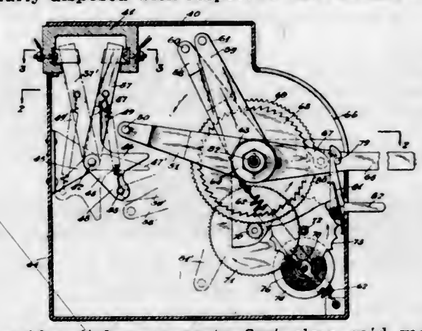
MECHANICAL CONTROL MEANS FOR LIQUID FUEL BURNERS

Aldo Curioni, Katonah, N. Y., assignor to The Gasolaire Corporation, New York, N. Y., a corporation of New York

Application June 29, 1935, Serial No. 29,126
1 Claim. (Cl. 200—35)

A device of the class described comprising a normally open two pole main switch, a normally open two pole secondary switch having one of its terminals electrically connected to one of the terminals of said main switch, a normally closed auxiliary switch having one of its terminals also connected to said two connected terminals, said switches being arranged in spaced planes, a

shaft disposed transversely of said planes, a spring urging said shaft to rotate in a given direction, releasable means restraining said shaft against rotation, time delay means regulating the speed of rotation of said shaft when released, a plurality of switch actuating arms carried by and spaced along said shaft, said arms being angularly disposed with respect to one another and



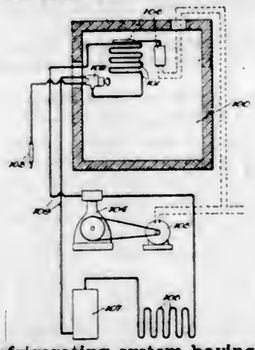
to said switches, so as to first close said main switch, then close said secondary switch, and then open said auxiliary switch after a predetermined time interval said arms restoring said switches to their original status when said shaft is returned to its original position, and a manually operable arm mounted directly on said shaft, for restoring said shaft to its original position, independently of said time delay means.

2,122,931

EXPANSION VALVE WITH AUTOMATIC TEMPERATURE COMPENSATION

John E. Dube, Knoxville, Tenn., assignor to The Fulton Sylphon Company, Knoxville, Tenn., a corporation of Delaware

Application July 9, 1934, Serial No. 734,342
14 Claims. (Cl. 62—3)



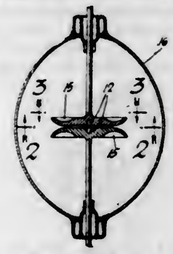
1. In a refrigerating system having an evaporator subjected to the space to be refrigerated, means for compensating for changes in the temperature of the atmosphere outside of said space including an expansion valve for controlling the flow of refrigerant to the evaporator, a pressure responsive device associated therewith and adapted to effect the opening and closing of said valve in response to changes of fluid pressure in the evaporator, resilient means cooperating with said pressure responsive device for predetermining the fluid pressure to be maintained thereby in the evaporator, and thermostatic means subjected to atmospheric temperature outside of said space and acting in conjunction with said pressure responsive device to decrease the fluid pressure maintained by said pressure responsive device in the evaporator as the temperature of the atmosphere increases.

2,122,932

GASEOUS DISCHARGE TUBE

Ora S. Duffendack and Ralph A. Wolfe, Ann Arbor, Mich.

Application March 23, 1934, Serial No. 716,972
10 Claims. (Cl. 250—27.5)



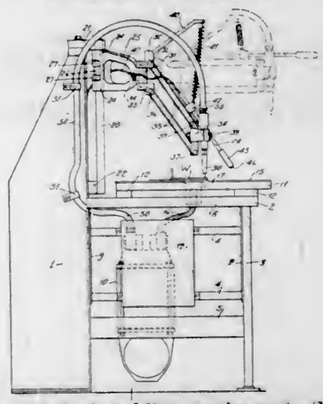
1. An arc discharge tube comprising a plurality of spaced, durable, electrodes, one of said electrodes comprising material of low work function, said tube containing a gaseous atmosphere inert to the electrode material and the tube wall, the product of gas pressure times gap distance divided by work function being not less than .000000237 times a constant characteristic of the inert gas employed.

2,122,933

WELDING APPARATUS

Meril L. Eckman, Cleveland, Ohio, assignor to The American Coach & Body Company, Cleveland, Ohio, a corporation of Ohio

Application April 7, 1937, Serial No. 135,513
5 Claims. (Cl. 219—4)



1. In electrical welding equipment, the combination of a fixed electrode, a support for said fixed electrode, an arm swingable on said support in a horizontal plane, a pair of pivotally interconnected parallel links attached to the free end portion of the arm and swingable relative thereto in a vertical plane, and a movable electrode carried by the free ends of said links and movable universally with respect to said fixed electrode.

2,122,934

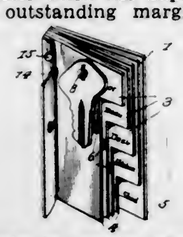
KEY CONTAINER

George P. Economakis, Asbury Park, N. J.

Application September 25, 1937, Serial No. 165,744
1 Claim. (Cl. 150—40)

A key container made up of a series of sections of appropriate more or less flexible mate-

rial, the base or bottom section of which is of the full length and width of the desired container, a series of superimposed flaps arranged on and aligned with the bottom flap, means for securing all flaps along one edge, each of the flaps other than the bottom flap being cut away on the edge remote from the secured edge, the cut-away portion of each flap being of less length than that of the flap and of increasing length in the respective flaps from the flap next the bottom flap, whereby all flaps including the bottom flap present outstanding margins, the upper surface of which is visible when the flaps are in closed relation, said outstanding margins presenting



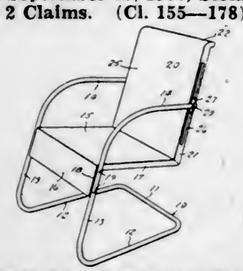
identification tabs for use in selecting a particular key, a key-carrying element on each flap, and cooperating securing elements whereby each flap is removably fastened to the immediately adjacent lower flap, the cooperating securing elements of the respective flaps being in spaced relation vertically of the container to avoid undue bulk, the securing of each flap only to its adjacent flap serving to open the container at the flap carrying the desired key without permitting any of the other keys of the container being exposed to thereby avoid the confusion of the presence of a number of keys during the use of a selected key.

2,122,935

CHAIR CONSTRUCTION

Paul Fleischer, Cleveland, Ohio, assignor to Sun Radiator Cover, Inc., Cleveland, Ohio, a corporation of Ohio

Application September 10, 1937, Serial No. 163,215
2 Claims. (Cl. 155—178)



1. In a chair, a back having metal side flanges, each of said flanges being provided with an inwardly embossed longitudinally extending rib providing a groove, bearing elements seated in the said grooves, arms extending across the said flanges, and a bolt extending through the rear end of each arm and through the bearing element and the rib within which said element is seated.

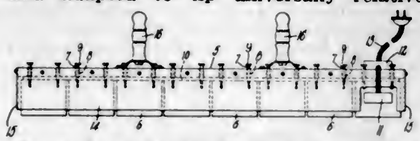
2,122,936

HEATING DEVICE

Emile C. Franzmann, Arlington, Mass.

Application November 16, 1936, Serial No. 111,003
10 Claims. (Cl. 219—19)

1. An electric heating device comprising, in combination, a support, a plurality of weights also constituting heating members suspended from said support beneath the under side thereof and adapted to tip universally relatively



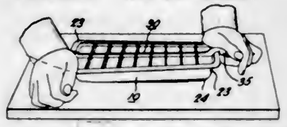
thereto, and an electric heating element interposed between said support and heating members and adapted to contact with and transmit heat to said members.

2,122,937

FREEZING TRAY

Harvey D. Geyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application July 2, 1936, Serial No. 88,559
7 Claims. (Cl. 62—108.5)



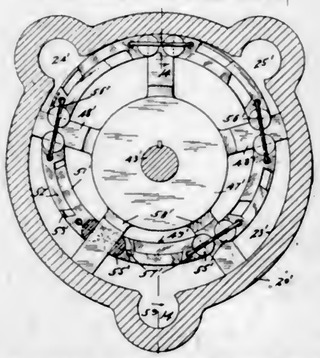
1. A freezing container comprising: a metal pan having a bottom wall and peripheral side walls, said bottom wall being generally flat except at two diagonally opposite corners of said pan where substantial corner areas of said bottom wall slope upwardly to said corners at a distinct angle and thereby clear a flat supporting surface upon which the pan may be set, said metal pan being distortable as a whole by downward pressure upon said diagonally opposite corners thereof.

2,122,938

HYDRAULIC TRANSMISSION MECHANISM

Edward R. Glenzinski, Winona, Minn., assignor of one-half to Sylvester D. J. Bruski, Winona, Minn.

Application June 15, 1936, Serial No. 85,273
6 Claims. (Cl. 121—88)



1. In a rotary machine of the character described, a casing having a cylindrical inner surface with intake and discharge ports, a rotor concentrically mounted in said casing and having propeller blades closely following said cylindrical surface, and circumferentially expansible and contractible joint segments in circular arrangement, mounted to move in a circular path

that is eccentric to said cylindrical surface and the axis of said rotor, said joint segments being wider than said propeller blades and working in circular grooves formed in the walls of said casing, and resilient coupling links located in said annular channels, spanning the respective propeller blades and connecting the joint segments that are immediately on the opposite sides of said blades.

2,122,939

FERMENTATION OF WORT BY YEAST

Børge Valdemar Hansen, Randers, Denmark, assignor to Aktieselskabet Dansk Gaerings-Industri, Copenhagen, Denmark

Application February 24, 1937, Serial No. 127,542
In Denmark February 26, 1936
7 Claims. (Cl. 195—37)

1. In the fermentation of wort by yeast in two vats at different conditions removing partially the yeast from the wort of one vat and adding in its place to the wort from which the yeast has been partially removed yeast removed from the wort of the other vat and treating the wort of the first vat by the mixture of yeast so formed and adding the yeast removed from the first vat to the wort in the other vat from which wort the yeast has been partially removed for addition to the first vat, and treating the wort in the other vat by the mixture of yeast so formed.

2,122,940

LUBRICANT

Walter D. Hodson, Chicago, Ill.

No Drawing. Application December 17, 1934, Serial No. 757,969
16 Claims. (Cl. 87—9)

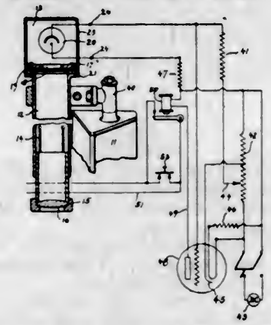
1. An adherent, fluid, lubricating compound composed principally of a viscous mineral oil and a non-setting, gelling soap, said compound including a minor proportion of an aliphatic oil-miscible grease-compatible organic solvent whereby the fluidity thereof is increased, and a stabilizing organic ester, selected from a group consisting of tricresyl phosphate, butyl phthalate, amyl phthalate, dibutyl phthalate, butyl stearate, and ethyl acetate.

2,122,941

PHOTOCELL HOUSING

Joyse Peter Hufler and Clarence P. Wood, New York, N. Y., assignors to Polymet Manufacturing Corporation, New York, N. Y., a corporation of Delaware

Application January 22, 1934, Serial No. 707,861
2 Claims. (Cl. 250—41.5)



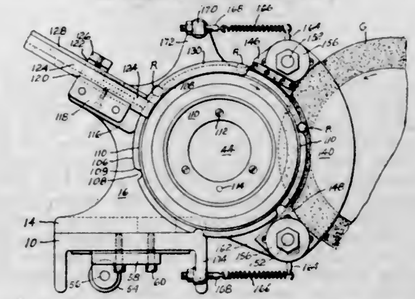
1. Means reacting upon the heat of an object, comprising translucent means, means focusing radiation of said object onto said translucent means, a photo-electric cell exposed to the radiation diffused by said translucent means, an enclosure containing said cell and said focusing means, and a mask exchangeably engaging said translucent means on said enclosure.

2,122,942

ABRADING MACHINE

Philip H. Hutchinson, Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application December 10, 1935, Serial No. 53,771
28 Claims. (Cl. 51—112)



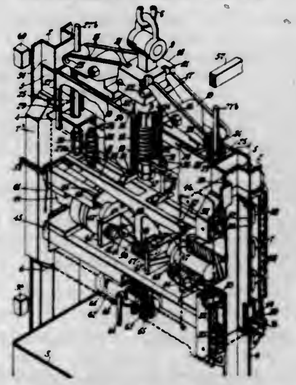
23. In a device of the character described, an abrading member, a rotary regulating wheel and a rotary carrier each having portions of its periphery projecting across and overlapping the abrading member, and driving gearing interposed between the wheel and the carrier for positively driving one at a different speed from the other; substantially as described.

2,122,943

SAFETY CATCH FOR HOIST CONVEYANCES

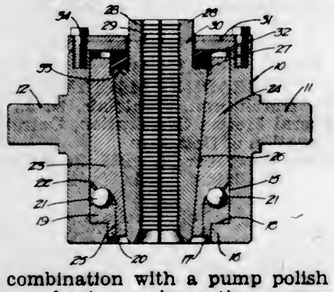
Franz Otto Jaeckel, Johannesburg, Transvaal, Union of South Africa

Application August 11, 1936, Serial No. 95,474
In the Union of South Africa August 15, 1935
13 Claims. (Cl. 187—86)



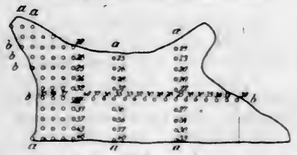
1. The combination with a hoist conveyance, of brake shoes, hydraulic cylinder and ram sets operating said brake shoes, a hydraulic cylinder and ram set connected to the brake sets to actuate them, a deformed spring tending to force in the ram of the set, means locking said ram in its extended position and means rendered operative by abnormal hoisting conditions to unlock said locking means.

2,122,944
POLISH ROD HANGER
Robert Claud Johnston, Longview, Tex.
Application April 25, 1936, Serial No. 76,488
9 Claims. (Cl. 24—263)



1. In combination with a pump polish rod, a rod hanger having reciprocating movement, a housing, separate means engaging the polish rod on the upstroke of said hanger to cause the rod and the hanger to move in unison, said means automatically releasing the rod when the down stroke of the rod is less than the down stroke of the hanger, and a bearing structure carrying the rod engaging means and supporting the same for rotational movement relative to the housing whereby rotation of the polish rod with relation to the hanger may take place.

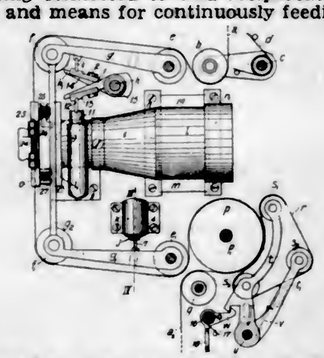
2,122,945
METHOD OF AND MACHINE FOR MARKING LEATHER OR THE LIKE
Hans Erich Kleinschmidt, Berlin, Germany
Application January 24, 1936, Serial No. 60,687
In Germany January 26, 1935
39 Claims. (Cl. 101—42)



1. Machine for measuring the thickness of leather or other sheet material at a plurality of points distributed over its surface and for printing the values of thickness ascertained upon the material near the points of measurement, comprising in combination: a support for the material to be measured, a fixed framework, a feeler movable towards said support, a type carrier, printing means adapted to move said type carrier towards said support, and a gearing permanently in positive engagement both with said feeler and said type-carrier, the members of said gearing being immovable relatively to each other during the printing operation.

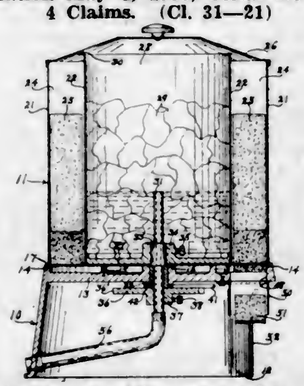
2,122,946
FILM FEEDING MECHANISM
Pedro Lira, Santiago, Chile
Application December 30, 1935, Serial No. 56,803
4 Claims. (Cl. 88—18)

1. In a device of the class described, the combination of a reciprocating film-carrier for effecting the intermittent movement of a film across the field of a lens, means comprising a rocker for producing and transmitting a reciprocating movement to said film-carrier, means for continuously forcing a contact between the reciprocating film-carrier and the aforesaid rocker, said means comprising fixed hollow cylinders provided with pistons slidable therein, said pistons being connected to said reciprocating film carrier and means for continuously feeding with



compressed air the inner chamber of said cylinders; the aforesaid pistons being arranged in order to force a contact between the reciprocating film-carrier and the rocker under the pressure of compressed air.

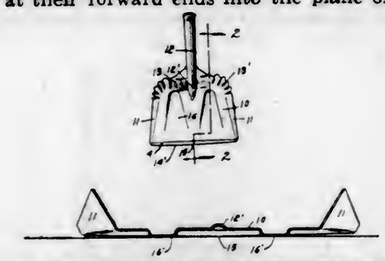
2,122,947
SLICING AND DISPENSING DEVICE
David C. Lopez, Chicago, Ill.
Application May 4, 1936, Serial No. 77,665
4 Claims. (Cl. 31—21)



1. A device comprising means for containing blocks of material, means whereon the lower end of said blocks movably bear and wherethru the lower end of a certain block is adapted to extend, means for cutting a slice from the depending end of said block, means wherethru the cut slice is discharged, means for positively moving said slice past the cutting means and into the discharge means, and operating means for actuating the device.

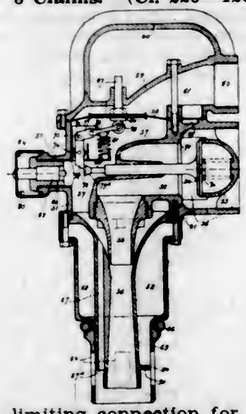
2,122,948
DUSTPAN
Lester E. Padelford, North Arlington, and Ashley F. Wilson, Montclair, N. J., assignors to Central Stamping Company, Newark, N. J., a corporation of New York
Refiled for abandoned application Serial No. 667,620, April 24, 1933. This application February 8, 1935, Serial No. 5,636
5 Claims. (Cl. 65—20)

1. In a dust pan, a main pan portion having formed therein a pair of longitudinally extending depressed troughs increasing gradually in depth from adjacent the forward edge of the pan towards the rear thereof, said troughs merging at their forward ends into the plane of said



bottom, the under surface of said troughs at their rear edge forming a pair of spaced supports which cooperate with the forward edge of the pan to hold it in a position of stable equilibrium.

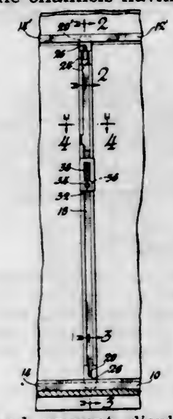
2,122,949
DEVICE FOR AUTOMATICALLY CONTROLLING THE FILLING OF RESERVOIRS, TANKS, AND THE LIKE
Emile Piquerez, St. Cloud, France
Application July 16, 1936, Serial No. 91,012
In France July 25, 1935
8 Claims. (Cl. 226—120)



5. Level limiting connection for filling vessels with liquid comprising a frame having a liquid inlet conduit, a stop valve for said conduit, means, having two oppositely directed pressure responsive surfaces, for controlling said valve, means for generating a fall of pressure by the flow of liquid in said conduit and applying said reduced pressure to one of said pressure responsive surfaces when the level in the receptacle being filled reaches a predetermined level, and means for applying the pressure of the receptacle being filled to the other of said surfaces.

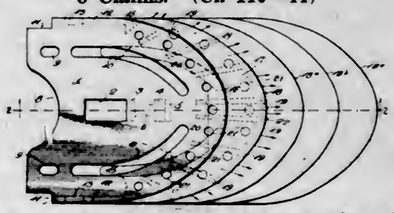
2,122,950
FREIGHT CAR LOADING APPARATUS
George M. Reifer, Rochester, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 25, 1937, Serial No. 132,933
9 Claims. (Cl. 105—369)

1. In load bracing apparatus for freight cars the combination of channel-shaped guides secured adjacent the top and bottom of the side walls of a car and extending longitudinally thereof, said guides having their channels facing each other, stanchions, extensions slidably mounted in opposite ends of the stanchions and having portions adapted to project into the channels, said portions and the channels having parts adapted



to interlock and prevent displacement of the stanchions, said interlocking parts having their engaging portions extending longitudinally of the stanchion so as to prevent displacement of the stanchion longitudinally of the car.

2,122,951
VENTILATED TUYÈRE
William A. Riddell, Frederick, Md., assignor to The General Engineering Company, Frederick, Md., a corporation of Maryland
Application May 18, 1936, Serial No. 80,444
8 Claims. (Cl. 110—44)

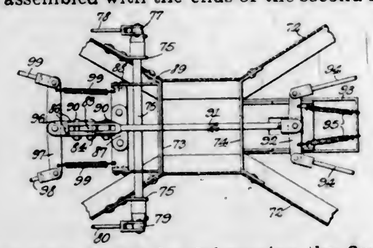


7. In combination, at least two tuyère plates each comprising a casting, having in operative position, a flat top portion and an inclined lip portion extending from said top portion and terminating in a curved edge, said lip portion having the under surface thereof inclined parallel to the upper surface thereof, a plurality of relatively angularly disposed ribs beneath the casting for directing air outwardly under the inclined lip portion; said plates being arranged in superimposed, longitudinally relatively displaced position, and the lower one of said plates being apertured in the flat top portion thereof between adjacent ribs and beneath the inclined lip portion of the upper one of said plates.

2,122,952
BRAKE EQUALIZER
Thomas De Witt Rivers, Portsmouth, Va.
Application June 23, 1936, Serial No. 86,839
1 Claim. (Cl. 188—204)

A brake equalizer comprising a housing, a guide carried by the housing, a shaft journaled in the housing, means under the control of an operator for actuating the shaft, a first lever provided with a part which has movement in the

guide in a direction transverse to the axis of the shaft, a second lever, means for connecting the second lever fulcrumwise and intermediate its ends to one end of the first lever, brake connections assembled with the ends of the second lever,



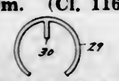
a third lever, means for fulcruming the first lever intermediate its ends on the third lever, brake connections assembled with the ends of the third lever, an arm on the shaft, and means for connecting the arm with the opposite end of the first lever.

2,122,953

DOORBELL

Cleo Alverdo Robertson, Oxford, Kans., assignor of one-half to Truman H. Morgan, Winfield, Kans.

Application February 2, 1938, Serial No. 188,361
1 Claim. (Cl. 116—153)



A device of the class described comprising a spindle, cylinders mounted on the end portions of said spindle, a rod slidably mounted in the spindle and extending into the cylinders, an operating button on one end of the rod in one of the cylinders, a cam on the other end of the rod and operable in the other cylinder, a bell mounted on said other cylinder, a ring encircling said other cylinder and rockably mounted thereon, clappers mounted on said ring and engageable with the bell, and dogs on said ring engaged with the cam for actuation thereby for alternately engaging the clappers with the bell.

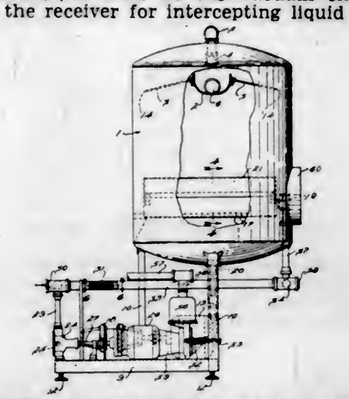
2,122,954

APPARATUS FOR STERILIZING LACTEAL LIQUIDS

Charles E. Rogers, Detroit, Mich.

Application June 22, 1935, Serial No. 27,853
6 Claims. (Cl. 99—251)

1. Apparatus for sterilizing lacteal liquids containing bacteria and spores comprising a vacuum chamber having an exhaust outlet, a conduit opening to the chamber, means for discharging liquid into the conduit, means for discharging steam into the liquid in the conduit, means for maintaining the steam and liquid under a predetermined pressure in a portion of the conduit to maintain a temperature therein of approximately 300 degrees F., the speed of movement of the liquid in the conduit and the length of said conduit portion limiting the heating period of the moving liquid, said conduit having a part receiving the liquid from said first named portion, a receiver in the vacuum chamber into which the heated liquid is discharged from said last named portion of the conduit and wherein the liquid is broken up into a fog-like state due to influence of the vacuum in reducing the pressure and extracting the heat, there being openings in the bottom wall of the receiver through which the comminuted liquid particles and gases may pass toward the bottom of the chamber and the exhaust outlet of the vacuum chamber being above the receiver, a baffle in the vacuum chamber above the receiver for intercepting liquid parti-



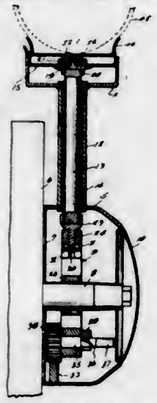
cles tending to rise with the gases in passing to the outlet, a discharge conduit opening to the bottom of the vacuum chamber, and a pump for withdrawing liquid from the chamber through said discharge conduit.

2,122,955

COLLAPSIBLE WHEEL

William Rush, Canonsburg, Pa.

Application July 15, 1936, Serial No. 90,762
3 Claims. (Cl. 301—16)



1. A wheel of the character described comprising a channeled felly, an axle-encircling cam annulus having cam surfaces thereon, rod members having their inner ends engaged with the said cam surfaces, a collapsible rim, connections between the outer ends of the rods and the said collapsible rim, said collapsible rim being radially slidable in the said felly, single operating means for rotating the said cam annulus, said means comprising a shaft on the annulus, a gear carried by the shaft, a rack secured in stationary position and with which the gear meshes, and a tool-engageable end construction on the shaft.

2,122,956

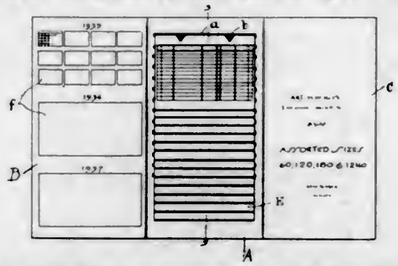
VISIBLE ACCOUNTING, RECORDING, AND FILING SYSTEM

Frank W. Salley, Atlanta, Ga.

Application February 15, 1937, Serial No. 125,850
5 Claims. (Cl. 129—20)

3. In a device of the character described, a folder including a central body of sheet form

and cover sheets hinged along the longitudinal opposite edges of said central sheet and adapted to be folded against its respective faces, a plurality of spaced horizontal slots formed in the central sheet, one of the walls of each of said



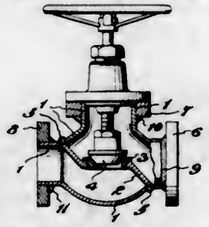
slots including projections and the other wall being notched to receive said projections, and folded card elements adapted to be inserted in said slots and to straddle the central body at their fold, said projections engaging said card elements for retaining same in straddled position.

2,122,957

METHOD OF MAKING VALVE BODIES

Aristodemo Emilio Santamaria, Genoa, Italy

Application August 5, 1935, Serial No. 34,804
In Italy August 8, 1934
2 Claims. (Cl. 29—157.1)



1. A method of manufacturing valve bodies which comprises, shaping sheet metal into several parts to form a body for the valve and a seating diaphragm, welding said parts together, one of said welding lines being along the periphery of the seating diaphragm so that it directly joins the diaphragm to the elements lying on both sides of the diaphragm, and thereafter arranging flange members upon the ends of the body and welding the flange members to the body, said welding lines, said parts of the valve and the shape of the several parts of sheet metal being so chosen that the lines of welding connecting these parts constitute a reinforced case, the lines of welding formed on straight and curved surfaces intersecting perpendicularly with each other at intermediate points of said lines.

2,122,958

AROMATIC SULPHONES AND TANNING AGENTS

Josef Schäfer, Basel, Switzerland, assignor to J. R. Geigy A. G., Basel, Switzerland

No Drawing. Application August 10, 1936, Serial No. 95,283. In Germany August 14, 1935
10 Claims. (Cl. 260—158)

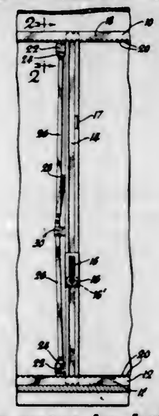
1. In a process of producing aromatic sulphones containing at least one hydroxyl-group and one —SO_2— bridge by reacting a sulphonic acid of a body selected from the group of aromatic hydro-carbons, monohydric phenols and their phenol ethers with one of the class consisting of monohydric phenols, including sulphones, the improvement which consists in carrying out such reaction below atmospheric pressure, substantially at 10 to 25 m/m.

2,122,959

FREIGHT CAR LOADING APPARATUS

Clinton R. Scharff, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application March 25, 1937, Serial No. 132,902
7 Claims. (Cl. 105—369)



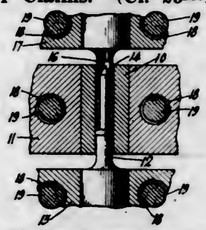
1. Load bracing means for freight cars comprising channel shaped guides secured adjacent the top and bottom of the sides of the car, the guides on the same side of the car being arranged with their channels facing each other, a stanchion having its ends sliding in said channels, said guides having teeth formed on corresponding oppositely facing flanges, and locking means carried by the stanchion and adapted to engage said teeth to lock the stanchion in position, said teeth and locking means having their engaging portions extending longitudinally of the stanchion so as to prevent displacement of the stanchion longitudinally of the car.

2,122,960

REFRACTORY BODY AND METHOD OF MAKING SAME

Karl Schwartzwalder, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

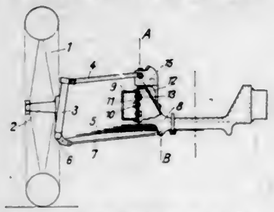
Application January 25, 1935, Serial No. 3,465
14 Claims. (Cl. 25—156)



4. The method of making ceramic articles which consists in preparing an intimate mixture of ceramic material and a binder, forming the material into preliminary shape, subjecting the preliminary shape to the combined action of heat and heavy pressure to produce the final shape,

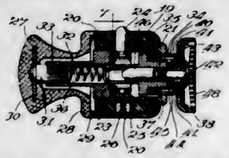
and firing the article to eliminate the binder and cohesively unite the ceramic material into a dense structure.

2,122,961
WHEEL SUSPENSION FOR AUTOMOBILES
Oscar Siebler, Zwickau, Germany, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany
Application May 4, 1937, Serial No. 140,754
In Germany May 5, 1936
3 Claims. (Cl. 280—96.2)



1. Adjustable wheel suspension for varying the forward and rearward rake of independently swinging steering wheels comprising, a longitudinal frame, a transverse frame member journaled on said longitudinal frame, guiding links pivotably mounted on said transverse member and springs extending therefrom for suspending the transverse frame member on the wheels, said transverse frame member being rotatable about said journals, and means for securing said transverse frame member to said longitudinal frame in different rotated positions.

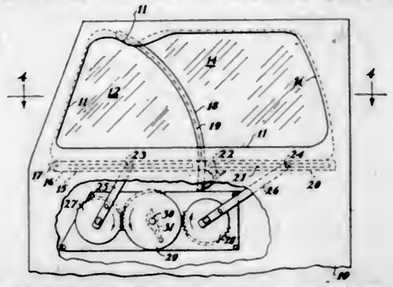
2,122,962
CIGAR LIGHTER IGNITER UNIT
John Sinko, Chicago, Ill.
Original application May 2, 1936, Serial No. 77,581. Divided and this application November 20, 1936, Serial No. 111,942
5 Claims. (Cl. 219—32)



4. In a device of the character set forth, a heating unit adapted to be removably secured to a longitudinally grooved igniter plug body comprising: a contacting cup adapted to form an electrical terminal; a rearwardly extending guide member secured to said cup and shaped to make slidable, non-rotatable, engagement with the grooves in said plug body; a rearwardly projecting stem mounted on and insulated from said cup, said stem being adapted to contact with a terminal on said plug body; and a heating coil within said cup having one end mounted on the front end of the stem and the other end in electrical contact with said cup.

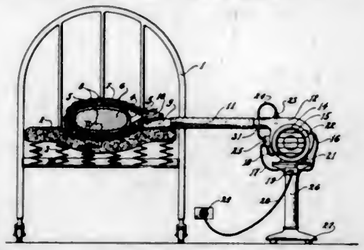
2,122,963
WINDOW CONSTRUCTION AND REGULATOR FOR SAME
Albert W. Susor, Toledo, Ohio
Application June 20, 1936, Serial No. 86,264
5 Claims. (Cl. 296—44)

3. Window construction comprising a wall having a window opening, two co-planar windows covering said opening, one of said windows being pivoted at that lower corner thereof more remote from the other window than is the other lower corner thereof to rotate about said corner and in its own plane, means mounting the other window so that it also may pivot about



the aforesaid pivoting corner of the first mentioned window, means to rotate the first mentioned window and rotate the second mentioned window about their common pivot, the operating means for the two windows being interlocked to operate sequentially and not simultaneously.

2,122,964
DRYING APPARATUS
Ernest J. Sweetland, Piedmont, Calif.
Application March 27, 1934, Serial No. 717,583
9 Claims. (Cl. 34—26)

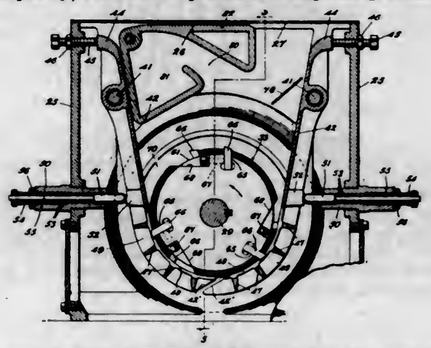


5. The method of drying casts on the human body which comprises supporting the same in spaced relation to the reclining surface of a bed in direct contact with a plurality of open flexible interlocked metallic members forming a flexible mat capable of supporting the body and cast without collapse, and having substantially unrestricted passageways for air to allow diffusion of an air stream throughout the mat in direct contact with the body and cast, forcing a stream of air into the mat for diffusion therewithin, controlling the temperature of the air stream, and confining the air stream in passage through the mat and in contact with the body and cast by a flexible cover and deflector applied to the side of the mat opposite that in contact with the body and cast.

2,122,965
APPARATUS FOR DISINTEGRATING LARGE SOLIDS CONTAINED IN SEWAGE
Eskil W. Swenson, Cherry Valley, Ill., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 25, 1936, Serial No. 92,619
3 Claims. (Cl. 83—6)

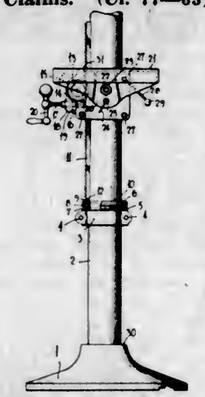
1. In apparatus for reducing large organic solids in sewage, garbage and the like to a shredded condition, a casing; a rotor journalled in said casing, provided with a plurality of axially

and peripherally spaced cutter members projecting a uniform distance from the periphery thereof, and having side and end shearing edges; a pair of grid members pendulously hung in said casing in symmetrical relation upon opposite sides of said rotor, said grid members having imperforate planar upper portions and curved lower portions arranged to embrace a portion of said periphery, said lower portions comprising axially



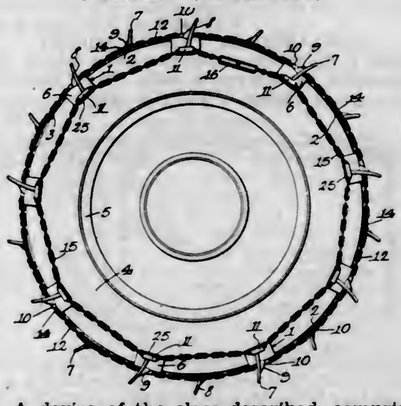
spaced longitudinal ribs and peripherally spaced transverse ribs rigid therewith and forming a grid, said ribs being respectively provided with longitudinal and transverse shearing edges arranged to coact with the side and end shearing edges respectively of said cutter members to shear the solids and reduce them to a shredded condition; and means for yieldingly maintaining said grid members in shearing relationship with said cutter members.

2,122,966
DRILL PRESS TABLE OPERATING MEANS
Herbert E. Tautz, Milwaukee, Wis., assignor to Delta Manufacturing Company, Milwaukee, Wis.
Application August 31, 1936, Serial No. 98,778
4 Claims. (Cl. 77—63)



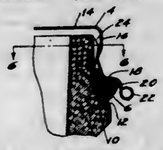
1. In a machine tool having a relatively stationary column and a table supported thereby, said table having a slot adjacent the column, means rotatable around the column for adjusting said table vertically, said means comprising a rack bar extending along said column, and through the slot in said table, a pinion carried by said table and in mesh with the rack bar, and anti-friction means for supporting the lower end of said rack bar, said anti-friction means encircling the said column, said rack bar being guided by the sides of the slot and having its lower end resting upon the anti-friction means, whereby the rack bar is freely removable from the machine tool in an upward direction.

2,122,967
LUG
Joseph Theis, Hutchinson, Kans.
Application October 21, 1936, Serial No. 106,907
5 Claims. (Cl. 152—228)



1. A device of the class described, comprising a plurality of traction lugs for use on a tire, each lug comprising a body including a supporting flange of such length as to terminate on the tread of a tire, and a lateral flange for engagement with the side of a tire, the flanges being arranged in diverging relation, an outwardly projecting cleat on each body, inner anchoring elements on the supporting flanges, outer anchoring elements on the lateral flanges, a zigzag flexible ring assembled with the inner anchoring elements, and lateral flexible rings assembled with the outer anchoring elements.

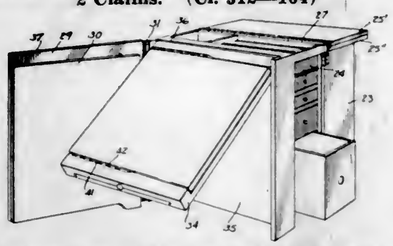
2,122,968
HERMETICALLY SEALED CONTAINER
Harry E. Townsend, Brooklyn, N. Y.; Title Guarantee and Trust Company executor of the estate of said Harry E. Townsend, deceased
Application October 23, 1933, Serial No. 694,831
1 Claim. (Cl. 215—40)



The combination of a container having a cylindrical mouth portion and a gasket seating shoulder positioned a distance below the top of said cylindrical portion, an elastic gasket seated on said shoulder, and a closure of resilient material having a cylindrical crown portion adapted to fit over said cylindrical mouth portion and a portion below said cylindrical crown portion adapted to compress said gasket on said shoulder, said cylindrical mouth portion of the container being provided with a plurality of spaced projections having the lower portions of their outer faces tapering downwardly and inwardly, and said cylindrical crown portion of the closure being provided with an inwardly directed bead

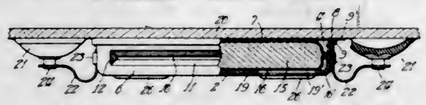
having an inner diameter slightly greater than the diameter of said cylindrical mouth portion but less than the greatest diameter of said projections, whereby when the closure is positioned on the container with said inwardly directed bead engaging the downwardly and inwardly tapering faces of said projections, the constricting effect of said bead urges the closure in a downward direction and holds said gasket compressing portion of the closure in yieldable engagement with said gasket.

2,122,969
COLLAPSIBLE TABLE CABINET
Charles E. Whitcomb, Bayside, Long Island, N. Y.
Application September 6, 1935, Serial No. 39,423
2 Claims. (Cl. 312—164)



2. An article of furniture of the character described, comprising a cabinet frame having a recess at one side, and a side panel normally concealing said recess, said side panel being hingedly connected to the back of the cabinet so as to pivot to a vertical laterally extending position, a table top hinged onto and in proximity of the upper part of said frame, vertically depending therefrom within said recess, said table top being tiltable to a laterally extended horizontal position, a support for the outer end of said table top hingedly connected to the outer edge of said panel, said support being swingable to a front to rear position under the outer edge of said table top, and being adapted to interlock therewith.

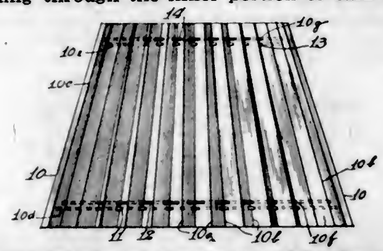
2,122,970
DEFROSTER
John W. Anderson, Gary, Ind., assignor to Productive Inventions, Inc., Gary, Ind., a corporation of Indiana
Application September 16, 1935, Serial No. 40,791
6 Claims. (Cl. 20—40.5)



1. A defroster comprising a container having an elongated aperture formed in its upper side, means carried by said container for attaching the container to a windshield, an envelope in said container adjacent and operatively related to said aperture, and a heat producing "composition" in said envelope.

2,122,971
LAMP SHADE
Joseph M. Angeletti, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois
Application November 21, 1935, Serial No. 50,863
7 Claims. (Cl. 240—108)

1. In a lamp shade, the combination of retaining rings each having upper and lower surfaces including straight radial elements, and a band of pleated sheet material having notches to receive said rings and engaging the said surfaces thereof and holding said rings against movement relative to and axially of said band, said notches opening through the inner portion of said band



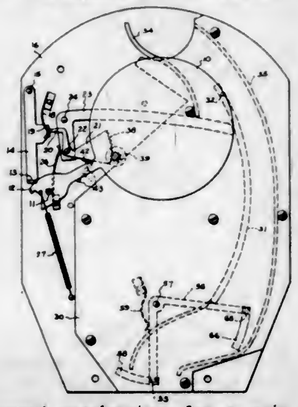
into the interior of the shade and having upper and lower edges in surfaces at angles sufficiently near a right angle to the axis of the shade to hold the band and rings against relative movement resulting from axial pressure between said rings and said notches.

2,122,972
YARN
Ida Arbib, New York, N. Y.
Application October 20, 1936, Serial No. 106,605
In Canada May 16, 1936
2 Claims. (Cl. 28—1)



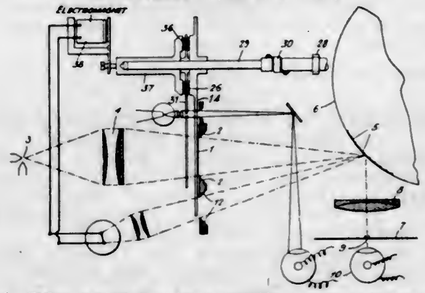
1. A yarn for knitting or the like comprising a very long, relatively flat and narrow strand of soft leather having a suede-like finish and having additional, relatively short strands integral therewith at spaced intervals.

2,122,973
PARKING METER
Ernest R. Beverley, Kansas City, Mo.
Application March 22, 1937, Serial No. 132,239
3 Claims. (Cl. 194—95)



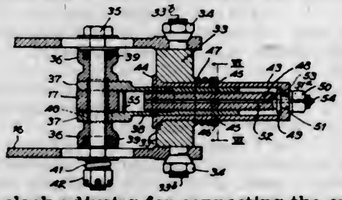
1. Control mechanism for a coin controlled parking meter, comprising a movable signal flag, means engaged by an inserted coin for moving the flag from a first position to a second position, a latch for holding the flag in its second position, and means for releasing the latch comprising a coin actuated pivoted release lever having a gear segment pivoted at one end thereof, a clock, a pinion driven by the clock and engaging the gear segment, said gear segment having means for releasing the latch upon movement thereof by the pinion, means forming a coin passageway, said lever extending into said passageway and being moved by passage of a coin in said passageway, said gear segment being moved out of engagement with the pinion by the coin controlled movement of the release lever whereupon the segment returns to its initial position for reengagement with the pinion upon return movement of the release lever.

2,122,974
TELEVISION TRANSMITTER
Cecil Oswald Browne, West Acton, London, England, assignor to Electric and Musical Industries Limited, Hayes, England, a company of Great Britain
Application March 5, 1934, Serial No. 714,001
In Great Britain March 7, 1933
17 Claims. (Cl. 178—7.1)



1. Film television transmitting apparatus comprising means for moving a film at substantially uniform speed past a member having a scanning aperture, a light sensitive device, a scanning device adapted to sweep light representatives of the optical values of said film over the light sensitive device, means having a frame aperture, means having a black-out aperture, means for projecting separate beams of light through said frame and black-out apertures respectively once for every complete scanning of the object, and a rotatable shutter geared to the film moving means having means to obscure said scanning aperture and uncover said frame and black-out apertures substantially simultaneously and for substantially equal periods of time.

2,122,975
SLACK ADJUSTER FOR BRAKES
Erling Christianson, Hammond, Ind., assignor to Viking Engineering Company, Inc., Hammond, Ind., a corporation of Indiana
Application August 11, 1937, Serial No. 158,466
15 Claims. (Cl. 188—197)

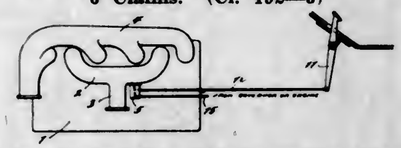


15. A slack adjuster for connecting the ends of brake levers or the like, comprising a connecting bar having laterally-spaced legs connected at one end to one of the levers, a pivot member extending through the said legs and the other lever and slidably supported on the said legs, yieldable elements interposed between the sides of the last-named lever and the adjacent sides of the legs, a cross head interposed between the said legs, a sleeve extending through the cross head, means for frictionally and yieldably holding the sleeve against idle rotative movement in the cross head, and a screw-threaded connection between the said sleeve and the said pivot member, whereby upon rotative movement of the sleeve the pivot member and the brake lever will be shifted longitudinally of the said legs.

2,122,976
PROCESS FOR SEPARATING PETROLEUM EMULSIONS
Ivor M. Colbeth, East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application July 6, 1936, Serial No. 89,133
10 Claims. (Cl. 196—4)

1. A process for treating petroleum emulsions which comprises subjecting the emulsion to the action of a blown fatty oil, which has been reacted with an esterifying reagent which replaces hydroxyl groups of carboxyls, capable of and in such proportions as to break the emulsion and allowing the mass to stand for a period of time sufficient to effect a separation of the emulsion into an upper layer of oil and a lower layer of water and foreign matter, then withdrawing the water and foreign matter.

2,122,977
ATTACHMENT FOR INTERNAL COMBUSTION ENGINES
Max Dach, Flushing, N. Y.
Application March 2, 1934, Serial No. 713,653
6 Claims. (Cl. 192—3)

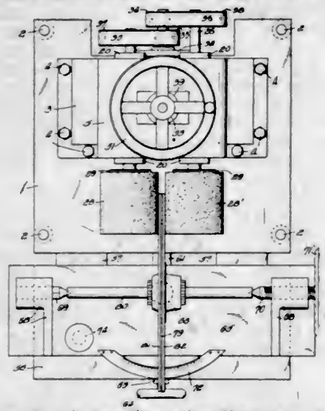


1. In an internal combustion engine, a vacuum breaking air inlet for the intake manifold of said engine, two valves in series in said inlet, one of said valves being opened by the operator and the other by said engine reaching a predetermined speed, said inlet and valves being of sufficient size to admit enough air to break the vacuum in said manifold, when said valves are open, sufficiently to cause the fuel mixture to cease flowing into the intake manifold.

2,122,978
MACHINE FOR GRINDING CLUTCH FACINGS AND THE LIKE
Howard B. Eldridge and Carl E. Klein, St. Louis, Mo.
Application April 18, 1936, Serial No. 75,166
8 Claims. (Cl. 51—89)

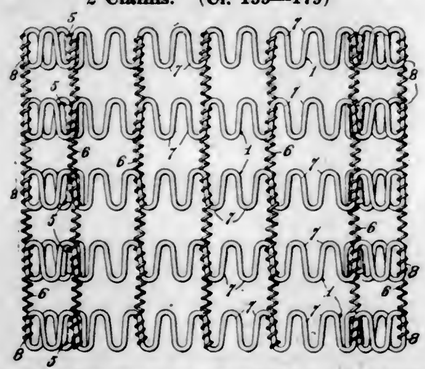
2. In combination, a head structure having a pair of spaced parallel horizontally disposed cylinders extending therethrough, sleeves having eccentric bores mounted in the cylinders, means preventing longitudinal displacement of the sleeves in their respective cylinders, anti-friction bearings secured in position at the ends of the sleeves, a driven shaft mounted in the bearings

of each sleeve, a grinding wheel attached to each shaft, gear teeth formed on the peripheral face of each sleeve, rack-gears meshing therewith, and means for simultaneously actuating the



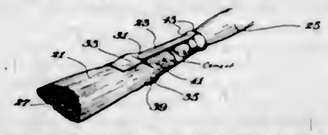
rack-gears for imparting simultaneous turning movement to the sleeves for eccentrically moving the grinding wheels toward and away from each other for changing the spacing therebetween.

2,122,979
SPRING ASSEMBLY FOR UPHOLSTERY
William W. Gleason, Chicago, Ill., assignor to Nachman Spring-Filled Corporation, Chicago, Ill., a corporation of Illinois
Application June 1, 1936, Serial No. 82,736
2 Claims. (Cl. 155—179)



1. An all-wire spring assembly for incorporation into a loose cushion, comprising a series of strips of resilient wire of zig-zag form each bent to provide opposed skeleton pad supporting surfaces spaced from each other and presenting opposed bowed portions extending inwardly from the ends of the said pad supporting surfaces and constituting yielding means for maintaining said supporting surfaces in said spaced relation to each other, the respective strips of the series being disposed in substantially parallel and spaced apart relation to each other with the supporting surfaces thereof disposed to present substantially continuous skeleton surfaces extending from one to an opposite edge of the structure and a series of substantially parallel spaced apart helical springs extending transversely of and each engaged with all of said strips for coupling the same with each other and maintaining them yieldingly in spaced relation to each other.

2,122,980
BRUSH
Walter Grumbacher, New York, N. Y.
Application November 22, 1934, Serial No. 754,256
6 Claims. (Cl. 15—192)



1. A brush having a bristle tip and a ferrule, said ferrule being generally tubular, and having a portion of the bristle tip inserted into one end thereof, together with a cementitious binder serving to integrate the bristle tip and the ferrule, said bristle tip receiving end of the ferrule being of substantially uniform flattened cross-section at its end, and then changing to a different cross-section so as to form shoulders therein, and parts of said flattened portion of the ferrule being bulged outwardly so as to form additional shoulders, said inserted portions of the bristles and binder being of complementary conformation, whereby said shoulders will resist withdrawal of said bristle tip from the ferrule.

2,122,981
TREATMENT OF FIBROUS MATERIALS AND OF PREPARATIONS THEREFOR
Winfrid Hentrich, Erlangen, Helmut Keppler, Leverkusen, and Hermann Holsten, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application May 14, 1931, Serial No. 537,486. In Germany May 23, 1930
13 Claims. (Cl. 8—5)

1. The process for improving organic fibrous materials, which comprises acting on the said materials with an aqueous solution comprising an organic ammonia substance containing at least one



linkage and directly attached to the nitrogen at least one aliphatic hydrocarbon radicle with at least 8 carbon atoms.

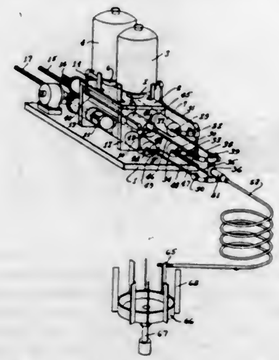
12. As a composition of matter suitable for improving organic fibrous materials, an aqueous solution comprising a dyestuff and a salt of an organic ammonia base containing at least one



linkage and directly attached to nitrogen at least one aliphatic hydrocarbon radicle with from 10 to 20 carbon atoms.

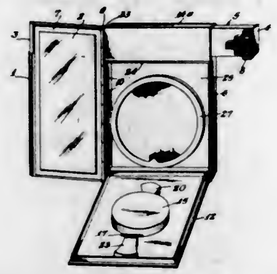
2,122,982
METHOD AND APPARATUS FOR MOLDING JELLY PRODUCTS
Albert Leo, deceased, late of Ontario, Calif., by Mary Beck Leo, administratrix, Ontario, Calif.
Substitute for abandoned application Serial No. 46,693, October 25, 1935. This application July 6, 1937, Serial No. 152,149
9 Claims. (Cl. 99—132)

2. The method of making jelly products which consists in making separate solutions, one containing syrup and pectin and the other containing acid, the proportions of said pectin and acid being such as to jell the sum of said solutions, continuously mixing said solutions together, and immediately passing a continuous stream of the mixture through an elongated confined space, the length of which and rate of flow through which is sufficient to permit jelling of said mixture prior to its exit therefrom.



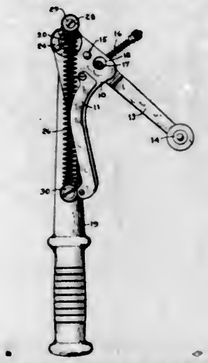
9. In an apparatus for continuously forming jelly products, an elongated tubular mold, means at one end of said mold for introducing into said mold a mixture of syrup, acid and pectin in proportions sufficient to jell the mixture, pump means for continuously pumping said mixture into said mold, said mold having a sufficient length, said pump means producing a rate of flow through said mold sufficient to permit jelling of said mixture prior to its extrusion from the other end of said mold, and a cutter at the extrusion end of said mold for engaging and slicing said extruded jelly as it issues from said mold.

2,122,983
VANITY CASE
Florence N. Lewis, New York, N. Y.
Application December 31, 1936, Serial No. 118,531
3 Claims. (Cl. 132—83)



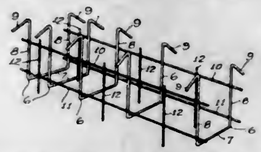
3. A vanity case comprising a body portion, a main cover hinged to said body portion, a supplemental plate hinged to said body portion and movable into said body portion and out of said body portion, said supplemental plate having a depressed cosmetic receptacle, a finger-hold lug connected to said supplemental plate by a hinge, said supplemental plate having a depression to house said lug when the main cover is closed, a spring associated with said finger-hold projection and operative to move it out of its recess when the main cover is moved to the open position.

2,122,984
HAND TRAP
Crawford C. Loomis, Ilion, N. Y., assignor to Remington Arms Company, Inc., a corporation of Delaware
Application July 6, 1934, Serial No. 733,951
5 Claims. (Cl. 124—5)



1. A hand trap comprising a handle, a target carrier comprising diverging arms pivoted to said handle and movable from a cocked position in which one of said arms lies along said handle at a small angle thereto to a released position in which said arm extends outwardly from said handle, a throwing spring, and means whereby said throwing spring both holds said carrier in cocked position and moves said carrier from cocked position to released position.

2,122,985
CONTINUOUS STIRRUP FOR CONCRETE CONSTRUCTION WORK
Chester A. Lord, Chicago, Ill., assignor to Universal Form Clamp Co., Chicago, Ill., a corporation of Illinois
Application June 10, 1937, Serial No. 147,427
5 Claims. (Cl. 72—122)

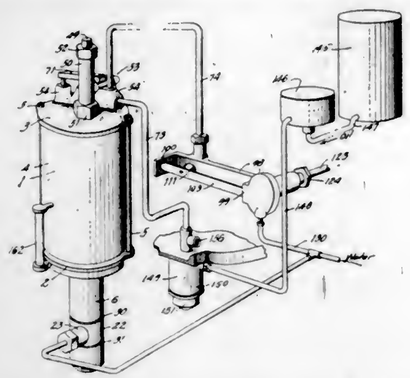


1. A reinforcing structural unit adapted to be supported on a temporary form in the construction of concrete beams, comprising a plurality of stirrups disposed transversely of the unit and spaced lengthwise of the latter, vertically spaced longitudinal reinforcing bars secured to each side of said stirrups for holding the latter in spaced relation, and independent legs located between said stirrups and secured to said reinforcing bars for supporting the unit on the form.

2,122,986
OIL BURNER
William C. Mason, Albany, N. Y.
Application November 3, 1933, Serial No. 696,562
12 Claims. (Cl. 158—28)

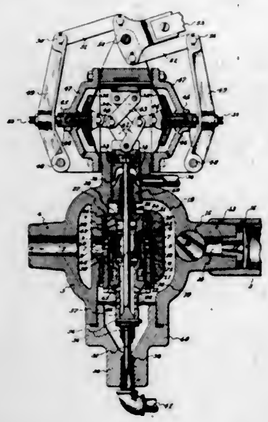
1. In a device of the character described including a liquid fuel burner, means for supplying liquid fuel thereto and a steam generator for supplying fuel atomizing steam for said burner, the combination with electrical means for igniting the fuel at the burner, a switch, and an electric cir-

cuit including said igniting means and switch, of means operable in response to steam pressure



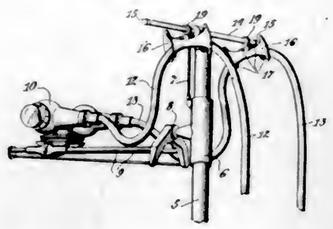
in said generator for closing said switch whereby said igniting means is energized.

2,122,987
GAS REGULATING VALVE
Clayton B. McElwaine, Tulsa, Okla., assignor of fifty-one per cent to Henry N. Greis, Tulsa, Okla.
Application June 19, 1936, Serial No. 86,186
11 Claims. (Cl. 277—42)



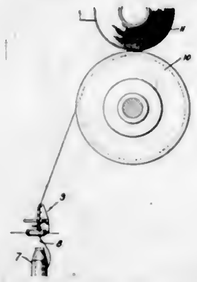
1. A pressure reduction valve for high pressure fluids comprising a casing, an intake chamber in said casing for the high pressure fluid, a discharge chamber in said casing for the reduced pressure fluid, an auxiliary casing within the main casing and between the intake chamber and the reduced pressure chamber, a valve cage sleeve threaded in the auxiliary casing and having ports in communication with the high pressure chamber, a valve seat ring mounted on the upper end of the valve cage sleeve and held in position by the valve cage sleeve, a valve stem extending axially through the valve cage sleeve, a sleeve valve carried by the valve stem and having a port therethrough in communication with the low pressure chamber and means for opening and closing the valve.

2,122,988
SHOCKPROOF X-RAY TUBE STAND
Albert C. Nelson, Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc., a corporation of Delaware
Application May 22, 1935, Serial No. 22,695
5 Claims. (Cl. 250—34)



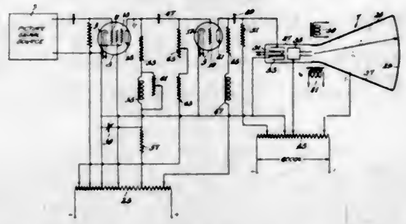
1. An X-ray tube stand for supporting a shockproof X-ray tube unit to enable adjustment thereof to various angular positions and movement in a horizontal plane, and provided with means extending from a remote source of electrical energy and connected to said unit for supplying electrical energy to the X-ray tube and for grounding said unit to render it shockproof, comprising a standard, means rigidly connected to said first mentioned means and slidably and pivotally supported by said standard to enable substantial movement of said last mentioned means on said standard and for maintaining a definite non-varying relationship of said first mentioned means with respect to said standard and said X-ray tube unit, to prevent said first mentioned means from causing annoyance to a patient in any position of said shockproof X-ray tube unit and to facilitate movement of said unit to its various angular positions.

2,122,989
YARN CLEARER
Burt A. Peterson, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application July 10, 1936, Serial No. 89,915
7 Claims. (Cl. 28—68)



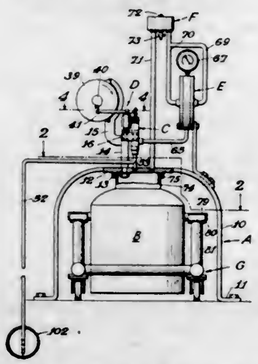
1. A yarn clearer having, in combination, means providing a yarn guiding surface, a rock shaft spaced from said surface and disposed substantially perpendicular to the direction of travel of the yarn, a blade having a pivotal support coaxial with the shaft and inclined in the direction of approach of the yarn, said shaft having an abutment limiting pivotal movement of the blade in a direction away from said surface, and spring means yieldably holding said blade against said abutment.

2,122,990
TELEVISION RECEIVER
Waldemar J. Poch, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 26, 1934, Serial No. 727,759
1 Claim. (Cl. 178—7.5)



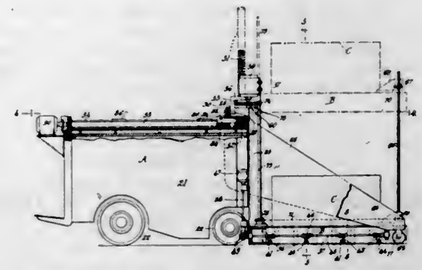
In a television receiver for the reception of a carrier wave modulated by picture signals, demodulating means for demodulating said carrier wave to produce said picture signals, a first amplifying device for amplifying said picture signals, said first amplifying device having an output circuit serially including in the order mentioned a resistor, an inductor and a second resistor, a second amplifying device having an output circuit and having an input circuit serially including a variable resistor and a fixed resistor, a coupling condenser interposed between a high potential point on the first resistor and a high potential point on the input circuit, means for controlling the effectiveness of the inductor, and a cathode ray tube for reproducing the view being transmitted, said cathode ray tube being connected to the output circuit of said second amplifying device.

2,122,991
SAMPLING DEVICE
John Ray Polston, Tulsa, Okla., assignor to Stanolind Pipe Line Company, Tulsa, Okla., a corporation of Maine
Application June 28, 1937, Serial No. 150,783
8 Claims. (Cl. 73—21)



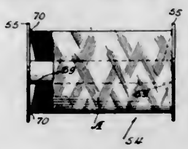
1. A sampling device for removing a composite sample of liquid from a source of liquid under pressure including a sample-receiving container, means defining an expansible sample-withdrawing chamber, means for selectively and sequentially placing said chamber in communication with said source of liquid and with said sample-receiving container, said liquid being effective to expand said chamber when said source of liquid is placed in communication with said chamber, and means for exerting a force on said chamber in opposition to the expansion of said chamber, said force exerting means being effective to cause the displacement of the sample from said expansible chamber to said sample-receiving container when said expansible chamber is placed in communication with said sample-receiving container.

2,122,992
LIFT TRUCK OR THE LIKE
George H. Pride, New York, N. Y.
Application May 20, 1936, Serial No. 80,687
17 Claims. (Cl. 214—65)



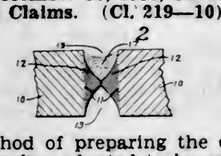
1. A lift truck or the like, comprising a mobile body, an elevating load-carrying support coacting with said body and means for elevating and substantially horizontally moving said support to a position over said body, the said load-carrying support, when elevated, being supported at one side thereof upon said body and at a substantially opposite side thereof upon a floor or similar surface independent of said body, whereby to maintain said load-carrying support in a substantially stable condition at all times.

2,122,993
WINDING, CONING, AND THE LIKE
Morris Siegel, New York, N. Y., assignor to Malina Company, Inc., New York, N. Y., a corporation of New York
Application April 8, 1936, Serial No. 73,289
1 Claim. (Cl. 242—39)



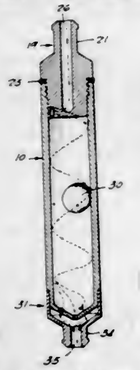
A yarn or thread package comprising a spool with a central elongated cylindrical portion and circular end flange members permanently connected to said central cylindrical portion, the inside faces of said circular end flange members lying in a plane perpendicular to the axis of the spool, and yarn or thread wound in a compact annular mass and in a criss-cross fashion upon said cylindrical portion, said body of yarn or thread being wound upon said cylindrical portion so that it will be spaced substantially away from said end flange members at said cylindrical portion and will extend outwardly toward said end flange members toward the periphery of the annular yarn mass so that the yarn body is compacted against said flange at its periphery whereby said yarn may be more readily wound upon said spools and may be more readily removed from said spools in textile processing.

2,122,994
WELDED JOINT AND A METHOD OF MAKING SAME
George T. Southgate, Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application December 30, 1933, Serial No. 704,734
12 Claims. (Cl. 219—10)



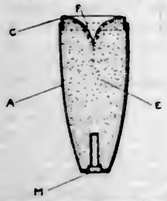
1. The method of preparing the edge face of a metallic member adapted to be welded to the edge face of another metallic member comprising placing a strip of metal lengthwise of said face, and welding said strip thereto.

2,122,995
VAGINAL SYRINGE
Charles F. Wiegand, Upper Darby, Pa.
Application January 5, 1937, Serial No. 119,061
7 Claims. (Cl. 128—229)



1. A syringe of the character described comprising a mixing chamber adapted to receive an antiseptic material which is to be put into solution, a connecting member at one end of the mixing chamber, said connecting member being formed with an axial passage, and with a helical passage which is in communication with the axial passage, and means for connecting the axial passage with a source of supply of water under pressure.

2,122,996
LOADING OF ORDNANCE
David G. Williams, Allentown, Pa., assignor to Trojan Powder Company, a corporation of New York
Application October 22, 1935, Serial No. 46,077
9 Claims. (Cl. 86—20)

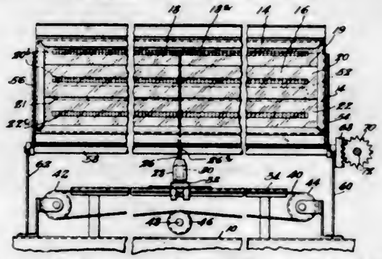


1. The hereinbefore described method which consists in filling the space between an explosive charge filling one end of an explosive charge container and an explosive charge filling the other end of an explosive charge container with a fused explosive.

2,122,997
METHOD OF RECOVERING ZINC SULPHATE DIHYDRATE
Frederick C. Abbott and Henry W. Doennecke, Tulsa, Okla., assignors to Ozark Chemical Company, Tulsa, Okla., a corporation of Delaware
No Drawing. Application April 19, 1937, Serial No. 137,791
8 Claims. (Cl. 23—125)

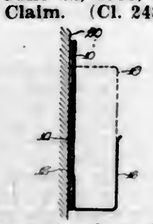
7. A method for the commercial production of zinc sulphate dihydrate from a substantially neutral zinc sulphate solution which comprises heating the solution by combustion of fuel beneath its surface and direct discharge of combustion gases thereinto to thereby evaporate a material part of the water content of the solution and reduce it to a viscous slurry containing colloidal zinc sulphate, then adding sulphuric acid to produce about 5% to about 15% free acid in solution in the slurry, convert the colloidal zinc sulphate to crystalline zinc sulphate dihydrate and precipitate additional crystalline zinc sulphate dihydrate from the solution, and finally separating the crystals from the mother liquor.

2,122,998
INDICATOR
Lynn Brodton, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 17, 1936, Serial No. 111,201
4 Claims. (Cl. 116—124.1)



1. A indicator comprising a translucent scale-bearing surface of arcuate contour, a pointer formed of light-conductive material curved to conform with the contour of said surface and supported for movement adjacent said surface, means for illuminating said pointer and means for moving said pointer and pointer-illuminating means.

2,122,999
SUPPORT
Lawrence J. Burke, Chicago, Ill.
Application June 22, 1936, Serial No. 86,501
1 Claim. (Cl. 248—29)



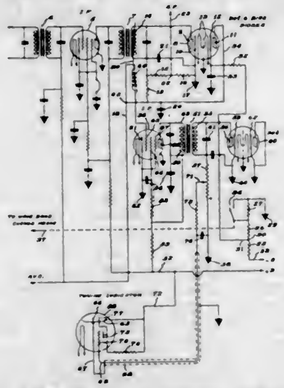
An assembly of the character described com-

prising, in combination, a latex impregnated fibrous sheet material, a pressure-sensitive adhesive coating covering the rear face of said sheet material, said adhesive being adapted for repeated application to and removal from smooth surfaces, and a supporting element attached to the said sheet material and adapted to project outwardly therefrom for supporting an article, said supporting element being associated with the lower portion of said sheet material whereby the weight of the supported article does not exert sufficient outward pressure to effect removal of said pressure-sensitive adhesive coating from said smooth supporting surface.

2,123,000
PRODUCTION OF HYDROGEN SULPHIDE
Bernard M. Carter, Montclair, N. J., assignor to General Chemical Company, New York, N. Y., a corporation of New York
No Drawing. Application July 11, 1936, Serial No. 90,179
7 Claims. (Cl. 23—181)

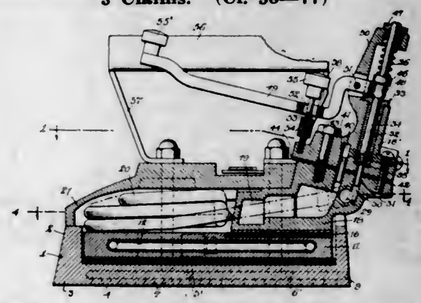
1. The method of producing hydrogen sulphide which comprises contacting sulphur dioxide with reagent-catalyst consisting of solid carbonaceous residue, formed by decomposing sludge material derived from sulphuric acid treatment of hydrocarbon oils and containing substantial amount of hydrogen available for combination with sulphur of the sulphur dioxide, at temperatures not less than about 650° C. and not substantially in excess of about 760° C.

2,123,001
TUNING INDICATOR SYSTEM
Kenneth A. Chittick, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 30, 1936, Serial No. 88,176
6 Claims. (Cl. 250—20)



1. In a radio receiving system having a main signal channel, and a second detector and automatic volume control means connected therewith, the combination with an electronic tuning indicator device having a control grid, of a carrier wave rectifier device having an output resistor, means providing a variable tap connection for the control grid of the indicator device on said output resistor whereby a predetermined control potential may be applied to the indicator device, a tuned amplifier connected between said rectifier device and the main signal channel preceding the automatic volume control means and detector, said amplifier being more sharply responsive to signals than the main signal channel, and means for applying automatic volume control potentials to said amplifier.

2,123,002
PRESSING IRON
Samuel Dowinsky, New York, N. Y.
Application January 19, 1937, Serial No. 121,277
3 Claims. (Cl. 38—77)



1. In a pressing iron having a bottom provided with a steam passageway having a plurality of outlets for directing steam to the bottom surface of said bottom, a water heating coil, means in communication with one end of said coil presenting a steam generating chamber, and means for superheating steam from said chamber, said last mentioned means including a second coil and a heating casting cast about and in intimate contact therewith, one end of said second coil being open to said chamber and the opposite end serving to deliver superheated steam to the steam passageway in said bottom.

2,123,003
ORNAMENTED GRILLE BLADE
Herbert Eyring, North Olmsted, Ohio, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio, a corporation of Ohio
Application April 23, 1937, Serial No. 138,531
9 Claims. (Cl. 189—82)

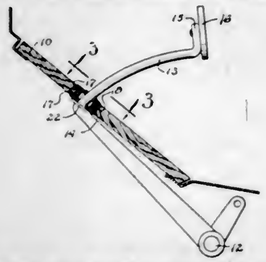


1. The combination with a grille blade which has its frontal face portion longitudinally bowed forwardly, of a metal blade-ornamenting strip extending longitudinally of the blade and presenting its rear face to the said frontal portion, the said strip having its end portions in hooking engagement with blade portions respectively near the opposite ends of the blade, and the part of the strip between the said end portions being under tension so as to clamp the said strip part rearwardly against the frontal portion of the blade.

2,123,004
PEDAL SLOT CLOSURE
Eugene J. Farkas, Detroit, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application May 13, 1937, Serial No. 142,372
4 Claims. (Cl. 180—90.6)

1. A device forming a closure between the shank of a control pedal and the floor boards of a motor vehicle comprising, a two-fold bellows formed of resilient rubber, each end of said bellows having an opening therein through which

said shank extends and which forms a sliding fit with said pedal shank, the portion of said bellows between said folds being considerably larger than said shank and substantially the same diameter



as the opening in the floor boards through which said shank extends, said bellows being held in position by the folds thereof which are disposed on opposite sides of said floor boards.

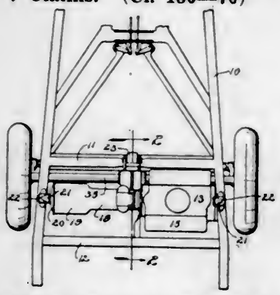
2,123,005

MOTOR VEHICLE

Henry Ford, Dearborn, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware

Application May 13, 1937, Serial No. 142,369

7 Claims. (Cl. 180—70)



1. A device of the character described comprising, a motor adapted to be mounted in a transverse position in a motor vehicle frame at one side of the center thereof, a transmission and differential housing fixedly secured to the inner end of said motor and adapted to be positioned in said vehicle frame at the center thereof, a flywheel rotatably mounted in axial alignment with said motor at the opposite side of said frame, a driving sleeve extending through said housing, a pinion fixedly secured on the inner end of said sleeve, a differential and driving gear unit fixedly secured in said differential housing in mesh with said pinion, an operable clutch disposed between said sleeve and said flywheel whereby a drive from said flywheel is transmitted through said clutch and said sleeve and pinion to said differential, and a driving shaft extending from the inner end of said motor through said sleeve and pinion, which shaft is fixedly connected to said flywheel.

2,123,006

VARIABLE SPEED POWER TRANSMISSION MECHANISM

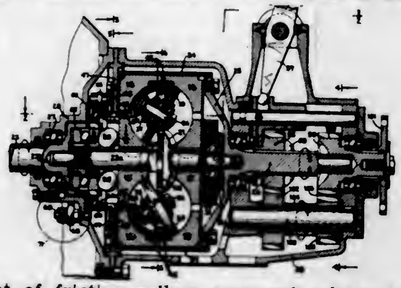
Frank A. Hayes, Middletown, N. J.

Application June 18, 1932, Serial No. 618,054

In Great Britain August 19, 1931

32 Claims. (Cl. 74—200)

1. In a friction transmission mechanism, in combination, a pair of axially spaced coaxial disks having inwardly facing toroidal grooves, a second pair of axially spaced coaxial disks having inwardly facing toroidal grooves, a set of friction rollers arranged substantially in a plane transverse to the axis of the disks and cooperating with the grooves of the first pair of disks,



a set of friction rollers arranged substantially in the same plane as the first set and cooperating with the other pair of disks, supporting means for said rollers, and means for adjusting the rollers angularly with respect to said plane to vary the speed-ratio of the mechanism.

2,123,007

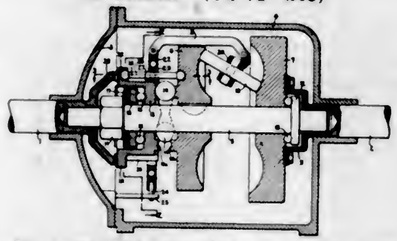
TRACTIVE PRESSURE MEANS FOR FRICTIONAL POWER TRANSMISSION MECHANISMS

Frank A. Hayes, Middletown, N. J.

Application May 16, 1936, Serial No. 80,033

In Great Britain May 29, 1935

13 Claims. (Cl. 74—208)



1. In a variable speed transmission mechanism, in combination, coaxial toric discs and interposed friction rollers cooperating therewith and movable angularly to vary the speed ratio of the transmission mechanism, torque-actuated cam means for applying tractive pressure on the disc and roller assembly, adjustable torque-apportioning means between the cam means and the disc and roller assembly, and means acting in predetermined correspondence with the angular position of the rollers to control the adjustment of the torque-apportioning means.

2,123,008

POWER TRANSMISSION MECHANISM

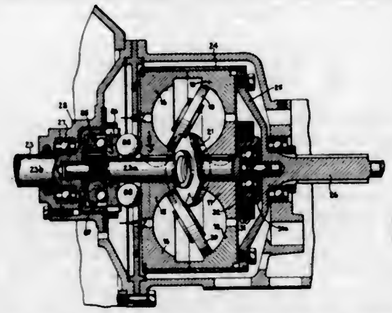
Frank A. Hayes, Middletown, N. J.

Original application June 18, 1932, Serial No. 618,054. Divided and this application January 21, 1938, Serial No. 186,016. In Great Britain August 19, 1931

11 Claims. (Cl. 74—208)

1. In a power transmission mechanism of the friction disk and roller type, the combination with power-transmitting elements having toroidal raceways one of said elements comprising a shaft and disks mounted thereon to prevent relative angular movement of the disks but permit relative

axial movement thereof, and a plurality of sets of rollers cooperating with said raceways; of a shaft coaxial with the first shaft and angularly movable relatively thereto, and a cam-and-bell



pressure device associated with said shafts for transmission of power therebetween and production of contact pressure between said friction rollers and raceways.

2,123,009

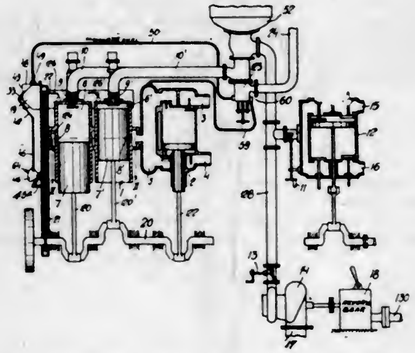
INTERNAL COMBUSTION POWER PLANT

Johan Erik Johansson, Gothenburg, Sweden, assignor to Aktiebolaget Götaverken, Gothenburg, Sweden, a corporation of Sweden

Application April 11, 1936, Serial No. 73,893

In Sweden December 15, 1933

16 Claims. (Cl. 60—44)



1. In a power plant, a prime mover for expanding motive fluid to produce power, a reciprocating internal combustion engine having a cylinder in which charge forming air is compressed and discharging combustion gases at substantial back pressure for further expansion in said prime mover, air compressing means driven by said engine for supplying charging and scavenging air to said cylinder at a pressure sufficiently high to cause a part of such air to be discharged at said back pressure with said combustion gases, a conduit for leading motive fluid from said engine to said prime mover, an outlet valve arranged in said conduit and adapted to vent motive fluid from said conduit to a zone of lower pressure, means for controlling the amount of motive fluid supplied to said prime mover, means responsive to the speed of said engine for controlling the supply of fuel thereto, and means responsive to the minimum speed of said engine for opening said outlet valve.

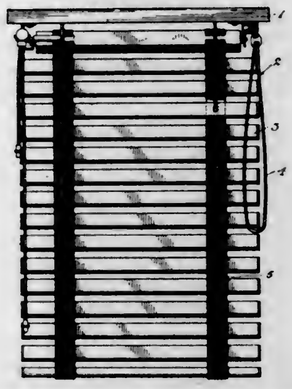
2,123,010

VENETIAN BLIND

Lewis I. Kahn, New York, N. Y.

Application April 10, 1937, Serial No. 136,221

3 Claims. (Cl. 156—17)



1. A Venetian blind including a plurality of slats, each slat comprising a solid base, a one-piece complete covering of flexible material intimately engaging said base and extending from one end of the base to the other and entirely around the base with the edges of the covering overlapping near one longitudinal edge of the base, adhesive for securing said covering to said base, and a metal protecting cap for each end of the slat, said caps covering and pinching the end portions of said covering tightly against the base.

2,123,011

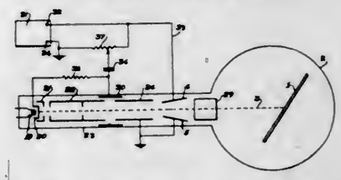
ELECTRON DISCHARGE APPARATUS

John Edgar Keyston, Hayes, Frederick Hermes Nicoll, Ickenham, and Otto Klemperer, Hayes, England, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England, a British company

Application March 31, 1936, Serial No. 71,970

In Great Britain March 19, 1935

4 Claims. (Cl. 178—7.2)



1. Electron discharge apparatus comprising a cathode, a screen, an electrostatic electron lens system for focussing electrons emitted from said cathode on to said screen, said electron lens system cemprising two cylindrical lens electrodes juxtaposed co-axially and being associated with means for maintaining a potential difference between said lens electrodes, means for deflecting said electrons over said screen, a compensating electrode positioned in the neighbourhood of the region of juxtaposition of said lens electrodes, said compensating electrode being associated with compensating means for varying the potential thereon relatively to that of said lens electrodes according to one or both of the two varying oscillations which, in operation, produce the deflection of the electrons, thereby changes in focus of the operative electrons from said cath-

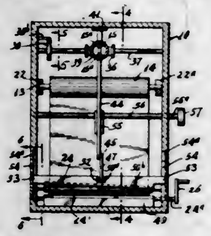
ode which would otherwise occur as said electrons are deflected over said screen are removed or substantially reduced.

2,123,012

TOILET SEAT ATTACHMENT TO RELEASE SANITARY TISSUE COVERS

Elsa Kreutzig, Jersey City, N. J.

Application February 16, 1938, Serial No. 190,761
12 Claims. (Cl. 4—247)



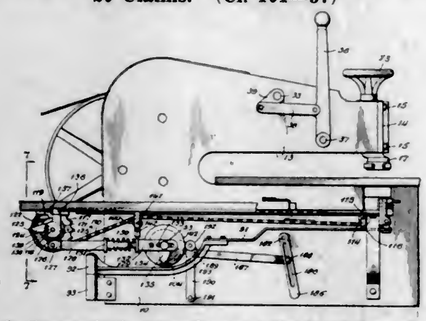
1. A toilet seat attachment to release sanitary tissue covers, comprising a container of a size to extend over a toilet seat and having a slot in the front wall at the bottom, means for hingedly supporting said container to swing from a horizontal position on said toilet seat to a vertical position to the rear of said toilet seat, a roller for supporting a continuous web of toilet seats with the end toilet seat of the web extendible from said slot, means for feeding out said web, a clip mounted on the top of the front wall of said container for holding the top end of a web extended across the front wall of said container, means for releasing the holding action of said clip, and means for cutting the extended toilet seats off from the web.

2,123,013

PRINTING APPARATUS

Harry L. Latz, New York, N. Y., assignor to Harry Latz Service, Inc., New York, N. Y., a corporation of New York

Application July 2, 1937, Serial No. 151,574
20 Claims. (Cl. 101—57)



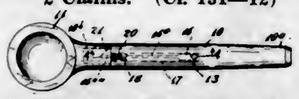
1. In a printing machine of the kind described, a support for a plurality of slugs provided with type items to be printed, printing mechanism including a printing member normally in receiving relation to said support, a transfer device for transferring successive slugs from said support to said printing member, mechanism for operating said device, and a connection between said mechanism and device adapted to be automatically broken upon the development of abnormal resistance to the operation of said transfer device.

2,123,014

NICOTINE SEPARATING COOL SMOKE PIPE STEM

Jacob Machemer, Jackson Heights, N. Y.

Application September 11, 1936, Serial No. 100,258
2 Claims. (Cl. 131—12)



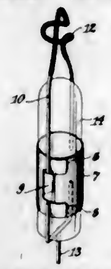
1. A nicotine separating cool smoke pipe stem, comprising material in the form of a pipe stem and having a mouthpiece portion at its outer end and a reduced portion at its inner end for engaging into an opening in a pipe bowl, said pipe stem having a liquid collecting passage extending from its inner end to an intermediate point of said stem and there joining with a vent passage terminating in the top side of said pipe stem, said pipe stem also having a smoke passage extending from its inner end to its outer end and located above said liquid collecting passage and extending through said vent passage, and mechanical means for partially or completely closing said vent passage, comprising a shutter element in a passage transversely across the vent passage, a stem connected with the shutter element and having an extended end engaging a cam recess in a pipe bowl for said stem, a pipe bowl for said stem having said recess, and resilient means urging said stem against said cam recess.

2,123,015

SEAL FOR DISCHARGE LAMPS

John Wesley Marden, East Orange, and George Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application April 1, 1936, Serial No. 72,048
5 Claims. (Cl. 176—126)



1. The combination of a vitreous container, a conductor fused to a portion of said container comprising a cylinder of metal foil, a leading-in conductor secured to the wall of said cylinder and extending exteriorly of said container, and an electrode within said container having its ends connected to the periphery of said cylindrical conductor and extending a substantial distance on the surface thereof in the direction of the longitudinal axis of said cylinder to form a support for said electrode.

2,123,016

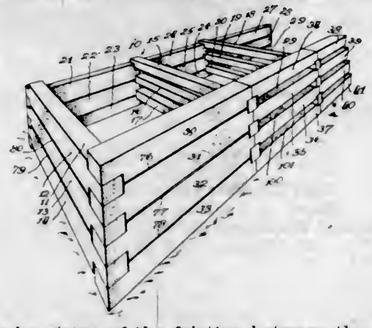
CRIBBING

William Lyle McDaniel, Cleveland, Ohio, assignor to Massey Concrete Products Corporation, Chicago, Ill., a corporation of Virginia

Application June 12, 1937, Serial No. 147,812
10 Claims. (Cl. 61—47)

1. In a concrete cribbing, the combination of

a plurality of headers with a plurality of stretchers, said headers comprising prismatic concrete members having plane rectangular ends and sides, and said stretchers comprising concrete members having plane rectangular sides and ends, but having an end portion of reduced section whereby a recess is formed between two adjacent stretchers to receive the end of a header and whereby said stretchers are adapted to form a closed face wall, said stretcher and header members being laid alternately one upon the other to form a cribbing, and being retained in



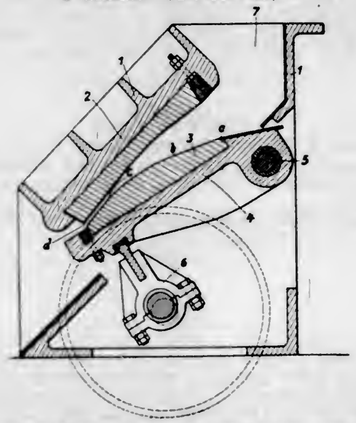
place by virtue of the friction between the interengaging surfaces of the stretchers and headers, said friction being increased by the weight of superimposed cribbing members and fill, said cribbing members being provided with vertically extending depressions for receiving interlocking members, said depressions comprising grooves located in the vertical sides of said members adjacent the ends thereof, whereby said grooves are adapted to drain clear of any water to prevent damage by freezing of the water, and interlocking members arranged in said vertically extending depressions.

2,123,017

JAW BREAKER

Karl Meister, Magdeburg, Germany, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany

Application August 2, 1935, Serial No. 34,459
In Germany September 1, 1934
1 Claim. (Cl. 83—53)



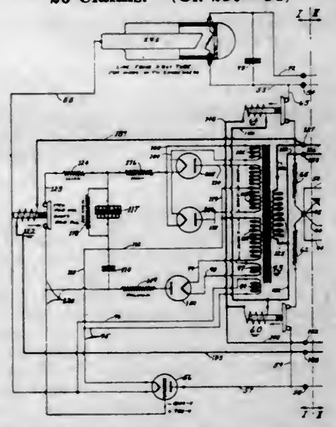
A jaw breaker having a stationary upper jaw with an inclined lower crushing face, an inclined lower jaw pivoted at its upper end and having a crushing face opposed to said upper jaw, means for oscillating the lower end of said lower jaw toward and away from said upper jaw, a hopper above the upper end of said lower jaw, said lower jaw having a receiving surface below said hopper inclined very slightly toward the discharge end of said jaws, the crushing face of said lower jaw having a generally convex surface joined to the lower end of said receiving surface and sloping downward therefrom, first at an inclination just enough greater than the inclination of said receiving area to feed the material thereon at a slightly greater speed, and then with a gradually increasing inclination toward the discharge end of said jaws, said upper jaw having a crushing face inclined somewhat more steeply than the average inclination of the face of said lower jaw, so as to form a gap of gradually diminishing size toward the discharge end, the upper end of said gap being of suitable size to cause the larger lumps to be crushed in the upper end of the gap, and the shape of said gap and the gradually increasing inclination of the face of said lower jaw being so related that the material is crushed progressively as it moves down the gap and the quantity of crushed material and the conveyance of the material in all zones of the gap are substantially adapted to one another.

2,123,018

X-RAY SYSTEM

Montford Morrison, Montclair, N. J., and Alfred Simon, Elmhurst, N. Y., assignors, by mesne assignments, to Westinghouse X-Ray Company, Inc., a corporation of Delaware

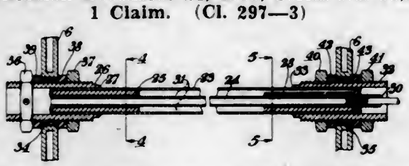
Application December 30, 1933, Serial No. 704,618
26 Claims. (Cl. 250—34)



15. In an X-ray system, the combination of a high potential source of rectified alternating current electrical energy, energy storage means adapted to be connected to said high potential source for accumulating a charge therein, an X-ray tube, a thermionic discharge device connected to said X-ray tube and to said energy storage means adapted upon operation thereof to cause energization of said X-ray tube by the charge accumulated in said energy storage means, a second X-ray tube adapted to be energized by said high potential source, means operable in one position to connect said energy storage means to said high potential source and operable in another position to disconnect said energy storage means and to connect said second mentioned X-ray tube to said high potential source for energization thereby independent of said energy stor-

age means, a control stand remotely disposed relative to said high tension source and both of said X-ray tubes, a stereoscopic mechanism for exposing a plurality of sensitized films in rapid succession in the field of X-radiation from either of said X-ray tubes, visual indicating means disposed upon said control stand operable by said two position means to indicate when said first mentioned X-ray tube is connected to said energy storage means or said second mentioned X-ray tube connected directly to said high potential source, visual indicating means disposed upon said control stand for indicating the particular sensitized films disposed at any moment to the field of X-radiation from said X-ray tube, a plurality of control circuits adapted upon completion thereof to sequently cause energization of said high potential source and the accumulation of a charge in said energy storage means, the deenergization of said high potential source, the operation of said thermionic discharge device with attendant energization of said X-ray tube by the charge accumulated in said energy storage means, and operation of said stereoscopic mechanism to shift the exposed sensitized film out of the field of X-radiation and the other of said sensitized films into position for an exposure; and means disposed upon said control stand and operable to complete all of said control circuits in a predetermined sequence to cause the respective sequential operation.

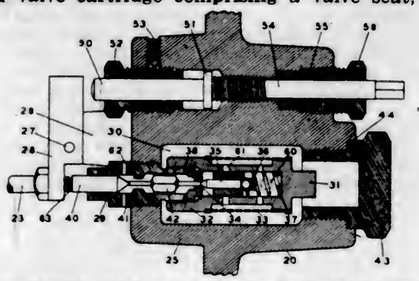
2,123,019
THERMOSENSITIVE INSTRUMENT
Raymond E. Olson and Kenneth L. Tate, Rochester, N. Y., assignors to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application December 24, 1935, Serial No. 56,124
1 Claim. (Cl. 297—3)



A thermosensitive bulb including a shell, a plug closing one end of said shell, a capillary tube joined to said plug and having one end communicating with the interior of said bulb through said plug, a core within said shell, a sleeve located adjacent the last-mentioned end of said bulb and surrounding said core to space the same from the inner wall of said tube, said sleeve having a portion thereof spaced from said tube to define a passageway leading to said capillary tube, a second sleeve surrounding the other end portion of said core, said second sleeve being connected to said core and to said tube by a liquid-tight seal, an externally threaded collar partially telescoped over each end of said shell and attached thereto, and at least one clamping nut making threaded engagement with each sleeve.

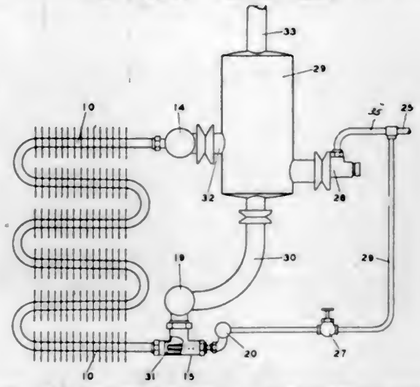
2,123,020
VALVE
Harry A. Phillips, Chicago, Ill.
Application January 25, 1935, Serial No. 3,494
1 Claim. (Cl. 137—69)

In a float valve for the control of a refrigerant, a housing and an isolated chamber therein, a threaded boss protruding into said chamber and a plug providing access to said chamber; a valve cartridge adapted to be inserted through said plug opening and engaging the end of said boss; said valve cartridge comprising a valve seat, a



valve needle, and a spring to hold said needle against said seat.

2,123,021
REFRIGERATION SYSTEM
Harry A. Phillips, Chicago, Ill.
Application December 23, 1935, Serial No. 55,815
12 Claims. (Cl. 62—126)



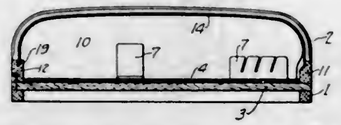
10. An evaporator for a refrigeration plant, comprising a heat absorbing element, a plant suction connection to said evaporator; a plant feed of liquid refrigerant to said element connected to impel circulation in said element and a separate plant feed of liquid refrigerant to supply additional refrigerant to said evaporator as required by load conditions and not supplied by said first mentioned feed connection.

2,123,022
DISPLAY CASE
Thomas J. Pilliod and Ferdinand C. H. Müller, Swanton, Ohio, assignors to The Pilliod Cabinet Company, Swanton, Ohio, a corporation of Ohio
Application April 8, 1937, Serial No. 135,755
4 Claims. (Cl. 217—56)



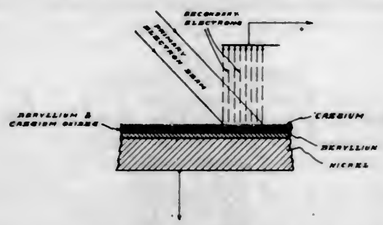
1. In a display case of the class described, a body member having a substantially rectangular display opening with recesses therein angled with respect to the top edge of the wall, and a closure member of flexible transparent material substantially corresponding in shape to the shape of said opening and having depending flanges of the same material at its edges with the adjacent ends of the flanges in abutment to form straight-edge corner portions, the lower edges of said flanges having angular lip flanges for interengagement with registering recesses in the body member.

2,123,023
ARTICLE DISPLAY CABINET
Thomas J. Pilliod and Ferdinand C. H. Müller, Swanton, Ohio, assignors to The Pilliod Cabinet Company, Swanton, Ohio, a corporation of Ohio
Application May 8, 1937, Serial No. 141,445
2 Claims. (Cl. 217—56)



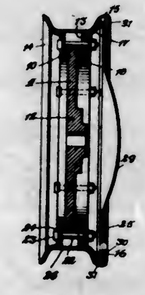
1. In an article display cabinet, a cover having opposed ends and opposed front and rear sides, the rear side having a lengthwise extending groove in its upper edge portion and said front side being of less depth than the ends and having its inner top edge incut to form a ledge with a wall in front, said ends each having a marginal edge groove in its inner face extending rearwardly to and in register with the groove in said rear side and having its forward end extending to and in register with said ledge and downward at the rear of the front side to form an inwardly offset entrance portion, and a flexible top sheet of cellulosic material mounted at its opposite end edges in said grooves with its rear edge seated in the rear side groove and its front edge seated on said ledge and locked by said ledge against removal from the grooves except when the front edge of the sheet is inwardly pressed out of register with the ledge, said sheet having at each end edge a bead which is disposed within the respective groove and retains the body of the sheet adjacent to the outer wall of the groove.

2,123,024
ELECTRODE FOR ELECTRIC DISCHARGE DEVICES
Emanuel R. Piore, Philadelphia, Pa., and Louis Malter, Oaklyn, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application May 29, 1936, Serial No. 82,452
5 Claims. (Cl. 250—27.5)



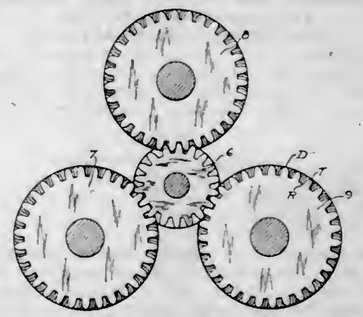
1. An electrode comprising a metal base having thereon a layer of a mixture of an oxide of said metal and an oxide of an alkali metal whose oxide has a heat of formation, per oxygen bond, of substantially the same order as that of the oxide of the metal constituting said base, and a coating of said alkali metal superimposed on sa'd layer.

2,123,025
DEMOUNTABLE RIM
Emanuel Ramirez, Miraflores, Lima, Peru
Application February 16, 1937, Serial No. 125,944
1 Claim. (Cl. 152—405)



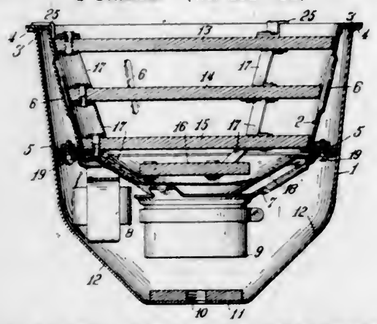
In combination with a wheel, a channel shaped felly constituting an integral part of the wheel, a rim section integral with the inner flange of the wheel felly, a removable rim section located against the outer face of the wheel felly, a removable tire supporting hoop located around the felly between the rim sections, a ring located against the outer face of the removable rim section, an annular flange on the removable rim section located within the wheel felly, said felly, removable rim section and ring having alined openings therein, bolts in said openings, and nuts on the bolts clamping the parts together, said bolts having angular heads at their inner ends and said felly having angular recesses in its inner face receiving the bolt heads and preventing turning movement of the bolts when the nuts are turned thereon.

2,123,026
METHOD OF FINISHING GEARS
Oliver G. Simmons, Lakewood, Ohio
Application April 27, 1935, Serial No. 18,676
4 Claims. (Cl. 90—2)



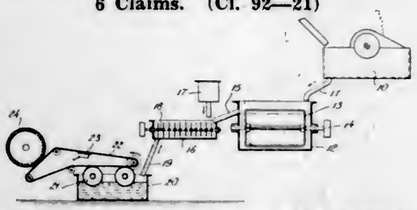
1. The method of simultaneously shaving and burnishing gears which comprises positioning a work gear in intermeshing relation with a plurality of cutters of gear form and each having a multiplicity of circumferential circular grooves extending through the teeth thereof and forming a multiplicity of cutting edges and burnishing surfaces, the axes of the gear and cutters being arranged in parallel relationship, and then rapidly rotating said intermeshed gear and cutters while applying radial pressure therebetween to simultaneously shave and burnish the working face surfaces of the teeth of the gear.

2,123,027
RADIO RECEIVING STRUCTURE
Arno E. Tauscher, Chicago, Ill.
Application October 6, 1937, Serial No. 167,520
4 Claims. (Cl. 181—31)



1. A structure of the type specified comprising a bowl, a sounding board containing and supporting member mounted within the upper portion of said bowl and supported upon the top of the latter, said member presenting a peripheral wall spaced from the surrounding wall of said bowl, conventional electrically responsive sound transmitting means, including the conventional diaphragm constituting a part thereof, mounted upon the lower end of the peripheral wall of said member and contained within the bottom portion of said bowl, and a plurality of spaced apart parallel sounding boards mounted within the last named member and having their peripheral edges spaced from the surrounding wall thereof and all of said boards spaced from and opposed to said diaphragm.

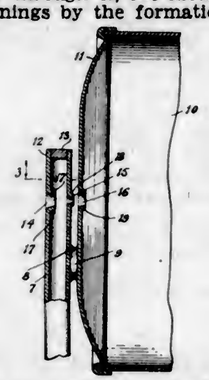
2,123,028
METHOD OF PRODUCING COLORED ASBESTOS-CEMENT PRODUCTS
Mikael Vogel-Jorgensen, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y., a corporation of New Jersey
Application June 16, 1936, Serial No. 85,511
In Denmark July 25, 1935
6 Claims. (Cl. 92—21)



1. A method of producing colored asbestos-cement products which comprises preparing an asbestos-cement slurry by a mixing operation, thereafter incorporating coloring matter into and distributing it through the previously prepared slurry, forming the slurry into products immediately after the incorporation and distribution of the coloring matter therein and before material dulling or discoloring of the coloring matter, and removing water from said products.

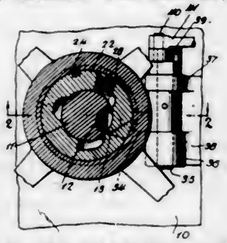
2,123,029
SPRAYING DEVICE
William Martin Vogel, Bloomfield, N. J.
Application December 28, 1937, Serial No. 182,155
5 Claims. (Cl. 299—88)

2. In a sprayer of the character described, a siphon tube having aligned openings extending transversely through it, the metal displaced out of said openings by the formation of the same



constituting an annular, conical flange extending laterally from each opening, said flanges on the openings extending in the same direction.

2,123,030
CLUTCH
George W. von Hofe, Bound Brook, N. J., assignor to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey
Application May 20, 1936, Serial No. 80,674
13 Claims. (Cl. 192—29)



1. The combination of a drive member, a driven member, and a key mounted for axial rotation in said driven member and rotatably adjustable in one direction to a given coupling position, said drive member and said key each having a plurality of faces adapted in said given coupling position of said key to co-operate in pairs for respective driving engagement when said drive member is rotated either in a clockwise or counter-clockwise direction whereby said driven member may be correspondingly rotated in opposite directions when said key occupies said given coupling position.

2,123,031
THERMOS CARRIER
Julius Leon Weiner, New York, N. Y.
Application August 3, 1936, Serial No. 94,008
4 Claims. (Cl. 224—45)



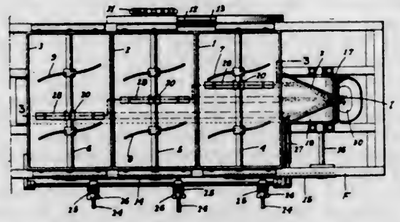
2. A water-proof heat insulating portable box comprising, in combination with a container and top having inner linings of sheet rubber and intermediate linings of thermal insulating material, a removable shelf mounted in said casing, said shelf having at least one bar slidably attached thereto, said bar being slidable between

two positions, in one of which the end of said bar extends beyond the edge of said shelf to engage the inside of said box, spring means for normally urging said bar to retract to its other position, and a cam having a control accessible from the top of said shelf for forcing said bar to an extended position.

2,123,032
PREPARATION OF AMINOGUANIDINE SALTS
Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, Allentown, Pa.
No Drawing. Application June 19, 1937, Serial No. 149,244
9 Claims. (Cl. 260—125)

1. In the preparation of aminoguanidine by the reduction of nitroguanidine with zinc dust in the presence of water, the step comprising the addition of a water-soluble ferrocyanide to the aminoguanidine solution, whereby the soluble zinc is precipitated from the solution.

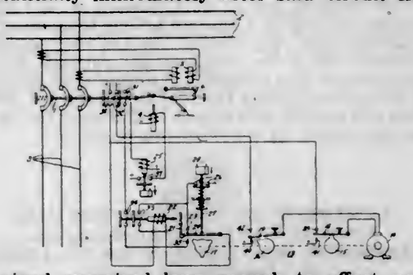
2,123,033
APPARATUS FOR MIXING AND DISTRIBUTING FERTILIZERS
Roscoe C. Zuckerman, Stockton, Calif.
Original application September 26, 1934, Serial No. 745,568. Divided and this application February 27, 1937, Serial No. 128,210
4 Claims. (Cl. 259—59)



1. An apparatus for the mixing and distribution of fertilizer elements comprising a row of separate hoppers, each adapted to hold one fertilizer element, a conveyor belt extending under the hoppers lengthwise of the row, a valved discharge outlet in the bottom of each hopper, the outlets of the different hoppers being spaced transversely of each other relative to the belt, manual control means arranged in connection with the discharge outlet valves to open or close the same, and adjustment means arranged in part with said first named means whereby with a given movement of the control means, the degree of opening of each of the valves may be selectively varied.

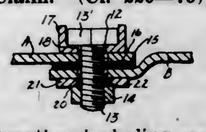
2,123,034
CIRCUIT BREAKER CONTROL SYSTEM
Arvid E. Anderson, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York
Application September 4, 1936, Serial No. 99,441
8 Claims. (Cl. 175—294)

1. In combination, a circuit breaker, a closing circuit, means responsive to the energization of said circuit for effecting the closing of said circuit breaker, means responsive to the closing of said circuit breaker for opening said circuit, means for opening said circuit breaker, and means responsive to the opening of said circuit breaker for effecting the energization of said closing circuit and the opening of said circuit substantially immediately after said circuit has



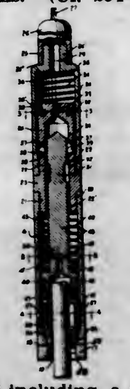
remained energized long enough to effect normally the closing of said circuit breaker.

2,123,035
TANK CONSTRUCTION
Arthur W. Ashley, Houston, Tex.
Application July 1, 1935, Serial No. 29,207
1 Claim. (Cl. 220—75)



A tank construction including, a plurality of metallic sheets having their vertical edges overlapping and having registering openings in their overlapping edges, threaded bolts adapted to be passed through said openings, a nut on the outer end of each bolt, a resilient packing ring surrounding the outer end of each bolt adjacent the opening through which said bolt passes, and a metallic washer interposed on the bolt between the packing ring and nut and having a conical bore substantially fitting the bolt adjacent to the nut, the flare of the bore engaging the packing ring to crowd the same into the opening and around the bolt when the nut is tightened to pack off the opening.

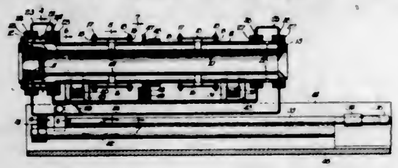
2,123,036
RELEASABLE FISHING TOOL
John F. Bozeman, Houston, Tex., assignor of one-half to James L. Johnston, Houston, Tex.
Application September 26, 1936, Serial No. 102,653
11 Claims. (Cl. 294—102)



1. A fishing tool including, a tubular body approximately of the same diameter as the inner diameter of the tubing of the well and having provision for attachment to a suspending element for

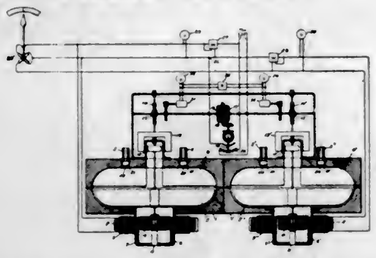
lowering and hoisting it in a well, a yieldable clutch element normally positioned in said tubular body to grip and hold an article to be retrieved from the well, said tubular body of the tool being arranged to move downwardly relative to the clutch under the influence of a fluid pressure built up in the well above the tool to release the clutch from the article, and means in the body for latching the clutch in its releasing position.

2,123,037
CENTRIFUGAL CASTING MACHINE
Frank G. Carrington, Anniston, Ala.
Application June 7, 1937, Serial No. 146,864
10 Claims. (Cl. 22—65)



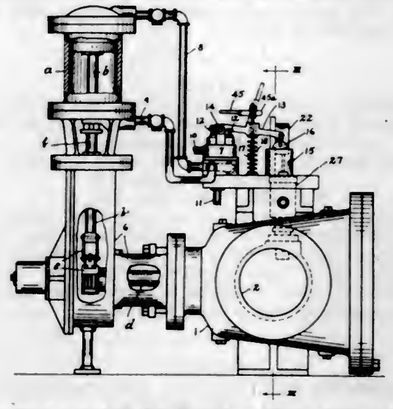
1. In a centrifugal casting machine of the type telescopically movable with respect to an end pouring trough, the combination of an externally cooled mold, a cooling jacket surrounding said mold and being spaced therefrom to form a water compartment, a series of intermediate supporting units between said jacket and said mold, said units including spaced radial mold supports extending through said water compartment and jacket, and spring bars bearing against said supports with a pressure sufficient to resist sagging but insufficient to resist thermal expansion of said mold, and means for recirculating water through said water compartment and between said mold supports.

2,123,038
GAS-DENSITY METER
Herbert Dallmann, Berlin-Karlshorst, Germany, assignor to General Electric Company, a corporation of New York
Application November 10, 1936, Serial No. 110,175
In Germany November 13, 1935
8 Claims. (Cl. 265—44)



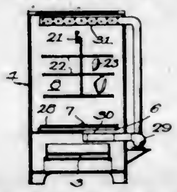
1. A gas-density meter comprising in combination, a gas-receiving chamber, a rotating element within said chamber including fan blades, an inductive motor rotor and an internal magnetic coupling element all coaxial, an induction motor stator external to said chamber in inductive relation with said rotor, a second magnetic coupling element external to said chamber in magnetic relationship with said internal coupling element, and a speed-responsive device mechanically connected to the external element of said magnetic coupling.

2,123,039
AUTOMATIC CONE VALVE
Thor Gannestad, Pittsburgh, Pa.
Application January 24, 1936, Serial No. 60,586
10 Claims. (Cl. 137—139)



1. In a conduit for liquid, said conduit including a flow-controlling valve having a valve-member movable between open and closed positions, a hydraulic motor for operating said valve-member, means for supplying motor-operating liquid to said hydraulic motor, said means including a valve-device for controlling the supply of liquid to said hydraulic motor, an electric motor for operating said valve-device, an energizing circuit for said electric motor, and a mercury switch mounted to shift between circuit-closing and circuit-interrupting positions; the combination of a member responsive to difference in hydraulic pressure on opposite sides of the valve in said conduit for shifting said switch between its alternate positions, and a member responsive to velocity head of the liquid flowing in said conduit for holding said switch in one of its alternate positions.

2,123,040
SMOKER AND STEAM VAPOR COOKER FOR HAMS AND OTHER MEATS AND MEAT PRODUCTS
Benjamin B. Hanak, Chicago, Ill.
Application January 22, 1937, Serial No. 121,831
1 Claim. (Cl. 53—15)



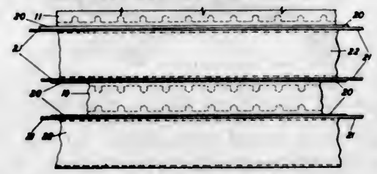
A combined unit for smoking and cooking hams and the like, comprising a chamber for receiving the hams and retaining them during the smoking and cooking operations, a firebox removably mounted in the base of the unit below the hams and adapted to be removed after the smoking operation, a closure adapted to replace the firebox and close the base of the unit and seal it to the outside atmosphere, heating coils in the chamber for heating the interior of the unit, a spray nozzle located below the hams for projecting a fine spray of steam into the chamber to humidify and diffuse the atmosphere and circulating means causing a circulation and recirculation of the humidified atmosphere during the cooking operation.

2,123,041
METHOD OF MANUFACTURING ELECTRIC CONNECTERS
Jasper Hansen, Decatur, Ill., assignor to Faries Manufacturing Company, Decatur, Ill., a corporation of Illinois
Application May 9, 1936, Serial No. 78,823
4 Claims. (Cl. 29—155.55)



1. The method of forming an electric connecter which consists of bending a piece of a rod into a U-shaped member, forming grooves by compression on the inner faces of the arms of the U, then by compression forming threads on the outer surfaces of said arms and an angular head at the end of the U, the initial length of the rod being substantially retained throughout the method.

2,123,042
FILTER FABRIC FOR A PLATE AND FRAME FILTER PRESS FOR RE-REFINING USED OILS
William D. Harris, Kansas City, Mo., assignor to Refinoil Manufacturing Corporation, Kansas City, Mo.
Original application February 6, 1935, Serial No. 5,172. Divided and this application December 26, 1935, Serial No. 56,138
2 Claims. (Cl. 210—188)



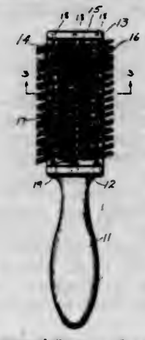
1. In a pressure filter for re-refined oils comprising alternate open frames and grooved plates, a filter medium comprising paper overlying textile filtering fabric interposed between said plates, said paper being directly exposed to the supply of oil to be filtered whereby the resultant cake may be removed readily in substantially unbroken condition together with said paper.

2,123,043
BRUSH-COMB
Harry Hertzberg, New York, N. Y., assignor to Hertzberg Patents, Inc., New York, N. Y., a corporation of New York
Application December 28, 1936, Serial No. 117,767
7 Claims. (Cl. 132—85)



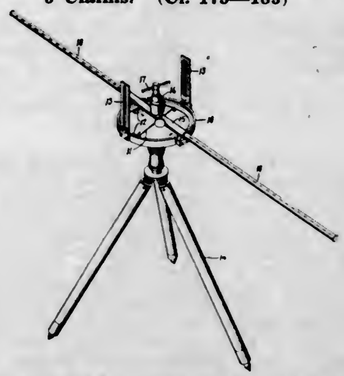
1. A hair brush comprising a curved support, a resilient bracket at each end of said support, a cylindrical brush removably journalled in said brackets by their resiliency and a handle forming a prolongation of said support and a comb formed on said support integrally therewith.

2,123,044
MULTIPLE UNIT BRUSH
Harry Hertzberg, New York, N. Y., assignor to Hertzberg Patents, Inc., New York, N. Y., a corporation of New York
Application March 5, 1937, Serial No. 129,121
4 Claims. (Cl. 15—206)



1. A brush comprising a frame having a pair of spaced brackets thereon extending perpendicularly from one face of said frame, a plurality of brushes, each brush having a central stem and bristles held thereon, each stem extending beyond said bristles, one of said brackets having apertures for holding one end of each stem and means on the other bracket in axial alignment with each stem pressing against the end of the stem for clamping it against rotation.

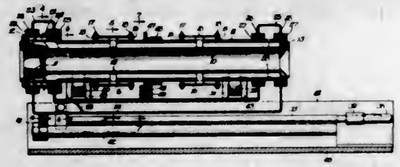
2,123,045
MAGNETIC DETECTOR
Stephen C. Hoare, Manchester, Mass., assignor to General Electric Company, a corporation of New York
Application July 8, 1936, Serial No. 89,620
3 Claims. (Cl. 175—183)



1. A magnetic detector comprising, a magnetic compass having a polarized pivoted needle, another polarized needle mounted adjacent the first needle and adjustable about the axis of rotation of the first needle, said second needle having such location, polarized strength, and dimensions as to substantially compensate the first needle for the influence of the earth's magnetic field thereon, the degree of such compensation being adjustable, whereby the first mentioned needle becomes sufficiently sensitive to weak magnetic fields in the vicinity thereof to be used in detecting the location thereof, and a magnetic antenna for collecting weak stray flux lines and directing them

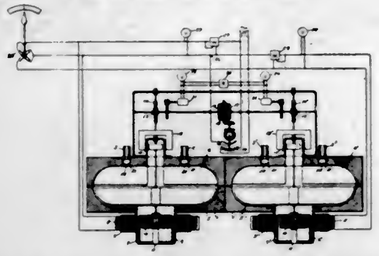
lowering and hoisting it in a well, a yieldable clutch element normally positioned in said tubular body to grip and hold an article to be retrieved from the well, said tubular body of the tool being arranged to move downwardly relative to the clutch under the influence of a fluid pressure built up in the well above the tool to release the clutch from the article, and means in the body for latching the clutch in its releasing position.

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Application June 7, 1937, Serial No. 146,864
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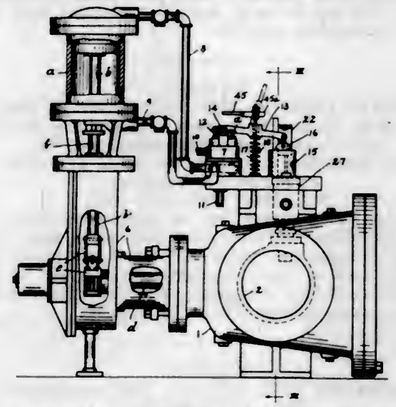
1. In a centrifugal casting machine of the type telescopically movable with respect to an end pouring trough, the combination of an externally cooled mold, a cooling jacket surrounding said mold and being spaced therefrom to form a water compartment, a series of intermediate supporting units between said jacket and said mold, said units including spaced radial mold supports extending through said water compartment and jacket, and spring bars bearing against said supports with a pressure sufficient to resist sagging but insufficient to resist thermal expansion of said mold, and means for recirculating water through said water compartment and between said mold supports.

2,123,038
GAS-DENSITY METER
Herbert Dallmann, Berlin-Karlshorst, Germany, assignor to General Electric Company, a corporation of New York
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8 Claims. (Cl. 265—44)



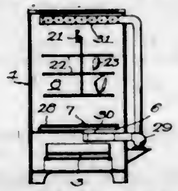
1. A gas-density meter comprising in combination, a gas-receiving chamber, a rotating element within said chamber including fan blades, an inductive motor rotor and an internal magnetic coupling element all coaxial, an induction motor stator external to said chamber in inductive relation with said rotor, a second magnetic coupling element external to said chamber in magnetic relationship with said internal coupling element, and a speed-responsive device mechanically connected to the external element of said magnetic coupling.

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AUTOMATIC CONE VALVE
Thor Gannestad, Pittsburgh, Pa.
Application January 24, 1936, Serial No. 60,586
10 Claims. (Cl. 137—139)



1. In a conduit for liquid, said conduit including a flow-controlling valve having a valve-member movable between open and closed positions, a hydraulic motor for operating said valve-member, means for supplying motor-operating liquid to said hydraulic motor, said means including a valve-device for controlling the supply of liquid to said hydraulic motor, an electric motor for operating said valve-device, an energizing circuit for said electric motor, and a mercury switch mounted to shift between circuit-closing and circuit-interrupting positions; the combination of a member responsive to difference in hydraulic pressure on opposite sides of the valve in said conduit for shifting said switch between its alternate positions, and a member responsive to velocity head of the liquid flowing in said conduit for holding said switch in one of its alternate positions.

2,123,040
SMOKER AND STEAM VAPOR COOKER FOR HAMS AND OTHER MEATS AND MEAT PRODUCTS
Benjamin B. Hanak, Chicago, Ill.
Application January 22, 1937, Serial No. 121,831
1 Claim. (Cl. 53—15)



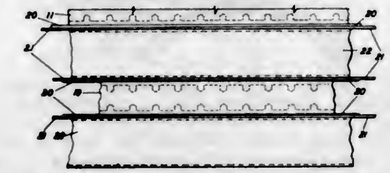
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2,123,041
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Jasper Hansen, Decatur, Ill., assignor to Faries Manufacturing Company, Decatur, Ill., a corporation of Illinois
Application May 9, 1936, Serial No. 78,823
4 Claims. (Cl. 29—155.55)



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2,123,042
FILTER FABRIC FOR A PLATE AND FRAME FILTER PRESS FOR RE-REFINING USED OILS
William D. Harris, Kansas City, Mo., assignor to Refinoil Manufacturing Corporation, Kansas City, Mo.
Original application February 6, 1935, Serial No. 5,172. Divided and this application December 26, 1935, Serial No. 56,138
2 Claims. (Cl. 210—188)



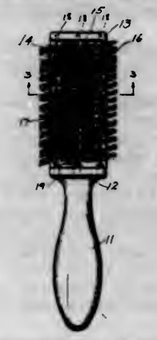
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2,123,043
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Harry Hertzberg, New York, N. Y., assignor to Hertzberg Patents, Inc., New York, N. Y., a corporation of New York
Application December 28, 1936, Serial No. 117,767
7 Claims. (Cl. 132—85)



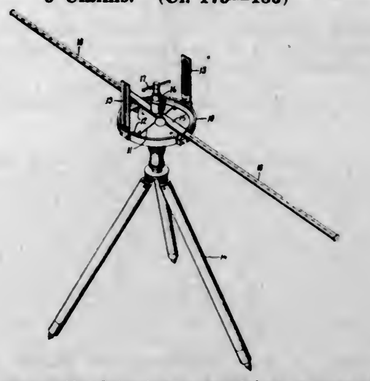
1. A hair brush comprising a curved support, a resilient bracket at each end of said support, a cylindrical brush removably journalled in said brackets by their resiliency and a handle forming a prolongation of said support and a comb formed on said support integrally therewith.

2,123,044
MULTIPLE UNIT BRUSH
Harry Hertzberg, New York, N. Y., assignor to Hertzberg Patents, Inc., New York, N. Y., a corporation of New York
Application March 5, 1937, Serial No. 129,121
4 Claims. (Cl. 15—206)



1. A brush comprising a frame having a pair of spaced brackets thereon extending perpendicularly from one face of said frame, a plurality of brushes, each brush having a central stem and bristles held thereon, each stem extending beyond said bristles, one of said brackets having apertures for holding one end of each stem and means on the other bracket in axial alignment with each stem pressing against the end of the stem for clamping it against rotation.

2,123,045
MAGNETIC DETECTOR
Stephen C. Hoare, Manchester, Mass., assignor to General Electric Company, a corporation of New York
Application July 8, 1936, Serial No. 89,620
3 Claims. (Cl. 175—183)



1. A magnetic detector comprising, a magnetic compass having a polarized pivoted needle, another polarized needle mounted adjacent the first needle and adjustable about the axis of rotation of the first needle, said second needle having such location, polarized strength, and dimensions as to substantially compensate the first needle for the influence of the earth's magnetic field thereon, the degree of such compensation being adjustable, whereby the first mentioned needle becomes sufficiently sensitive to weak magnetic fields in the vicinity thereof to be used in detecting the location thereof, and a magnetic antenna for collecting weak stray flux lines and directing them

across the axis of rotation of the first mentioned needle so as to amplify their influence on such needle.

2,123,046

SINTERED HARD METAL ALLOYS

Josef Hinnüber, Essen-Ruttenscheid, Germany, assignor to General Electric Company, Schenectady, N. Y.

No Drawing. Application December 1, 1936, Serial No. 113,743. In Germany December 2, 1935

12 Claims. (Cl. 75—136)

1. A sintered hard metal composition containing one or more vanadium compounds, said compounds including vanadium boride and vanadium nitride, one or more compounds from the group titanium nitride, titanium carbide, about 3 to 20% of auxiliary relatively low melting point metal with the remainder tungsten carbide, the total quantity of vanadium compounds present in the composition varying from about 0.5 to 5% and the total quantity of titanium compounds present in the composition varying from about 5 to 20%.

2,123,047

CREAM REMOVER

Amos A. Horn, Grand Junction, Colo.

Application May 14, 1935, Serial No. 21,408

1 Claim. (Cl. 210—51.5)



In a cream remover for narrowing necks of milk bottles comprising a circular flexible plate; a strip of material secured diametrically across the top side of said plate having spaced apart bearings formed therein equidistant from each edge of said plate, said strip of material to act as a stiffening strip transversely of said plate; a long handle for operating and controlling said plate having a finger ring formed in the free end thereof and having the engaging end bent into a crank handle and passed through one of said bearings in said strip; another shorter handle having the top end formed into a ring encircling said long handle and having the bottom end of the short handle bent to form a crank to pass through the other one of said bearings; a lug on said long handle to be engaged by the encircling ring of said shorter handle, said ring to engage said lug and hold the plate in a transverse position when force is applied to the longer handle locking the plate in the neck of a milk bottle or said plate to be disengaged by pressure applied to said longer handle and the two handles used to bend said plate along the sides of the stiffening strip to remove the entire device from a milk bottle, substantially as described.

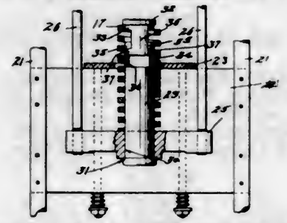
2,123,048

SPRING DEVICE FOR DRILLING MACHINES

Albert Hossfeld, Winona, Minn.

Application May 3, 1937, Serial No. 140,335

6 Claims. (Cl. 267—1)



1. A spring device comprising a post having at one end a spring base and at its other end a spring cap, a coupling connecting the spring cap and post, the coupling comprising separable members, one fixed to the spring cap and the other to the post, the members of said coupling being separable only by a lateral movement of the spring cap relative to the post, and a coiled spring encircling the post and held between the spring base and the cap, said spring being capable of compression to a point in which the spring cap may be removed from the post by a relative lateral movement.

2,123,049

MIRROR

William Irby, Saugus, Mass., assignor to General Electric Company, a corporation of New York

Application December 24, 1935, Serial No. 56,024

2 Claims. (Cl. 88—105)



1. A reflector for light projectors comprising a transparent glass sheet having a predetermined shape, a film of metallic silver upon its surface, a reinforcing metal film applied to said silver film, and a paint applied to said metal layers, said paint comprising powdered graphite, bentonite clay, and silicate of soda solution in the relative quantities of ½ lb., 4 oz., and 1½ lbs. respectively.

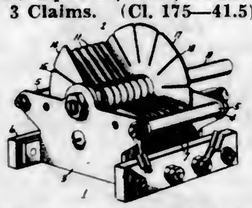
2,123,050

VARIABLE CAPACITOR

Marwin R. Johnson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application April 12, 1935, Serial No. 16,004

3 Claims. (Cl. 175—41.5)



1. A variable capacitor comprising a stator having a fixed plate, a rotor having a cooperating movable plate and means for compensating for the effect of temperature changes in a circuit associated with the capacitor comprising a bimetallic plate mounted on said rotor and arranged to cooperate with said stator plate equally in all positions of adjustment of said rotor.

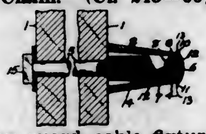
2,123,051

HIGHWAY GUARD FIXTURE

Freeman W. Kennedy, Montclair, N. J., assignor to Malleable Iron Fittings Company, Branford, Conn., a corporation of Connecticut

Application January 2, 1937, Serial No. 118,887

1 Claim. (Cl. 248—66)



In a highway guard cable fixture comprising a base member adapted to engage a post, said base member being inwardly recessed at the end thereof to form a cable receiving pocket, and means for attaching said fixture to said post, a hook member for attaching said cable to said base member, said hook member being provided with a head for closing the recess in said fixture, means for distributing the impact of a blow evenly over the edges of the recess comprising flanges on the hook member engaging the edges of the recess throughout their length.

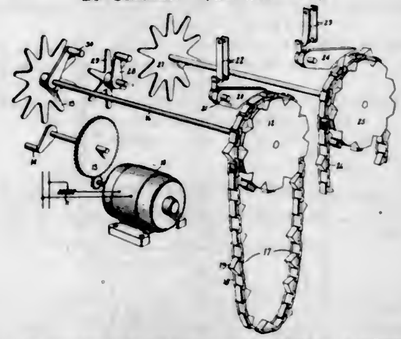
2,123,052

TIMER

William K. Kearsley, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application April 28, 1936, Serial No. 76,791

10 Claims. (Cl. 200—30)



1. A timer mechanism comprising a plurality of linked together link members forming a chain, means for driving said chain at a predetermined average rate in a continuous path, said link members being removable from said chain and some of them having projections extending from one side thereof, which link members may be reversed in said chain so that the projections may extend in either of two directions from said chain, and movable means biased to project into the path of movement of such projections as extend in one of said directions so as to be moved thereby out of such path during passage of such projections past said means.

2,123,053

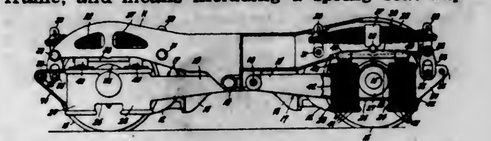
RAILWAY TRUCK

Ole K. Kjolseth, Erie, Pa., assignor to General Electric Company, a corporation of New York

Application January 27, 1937, Serial No. 122,591

6 Claims. (Cl. 105—182)

1. A truck for locomotives or cars having a frame, an axle, a mounting frame pivotally connected to said truck frame and supported on said axle, a spring secured to said truck frame, a resilient rubbery member arranged on each side of said axle and connected to said mounting frame, and means including a spring seat supported by said resilient rubbery members and arranged to pivotally support said spring for supporting said truck frame on said mounting frame.



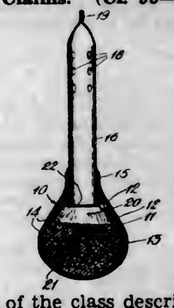
2,123,054

COFFEE MAKING DEVICE

Veronica Lamb and Edmund J. Lamb, New York, N. Y.

Application August 5, 1937, Serial No. 157,506

7 Claims. (Cl. 99—77.1)



1. A device of the class described comprising a receptacle containing a predetermined measured quantity of ground coffee, said receptacle consisting of an outer jacket of openwork material, an inner facing or lining of filtering material, and a tubular member inserted in said receptacle and projecting therefrom.

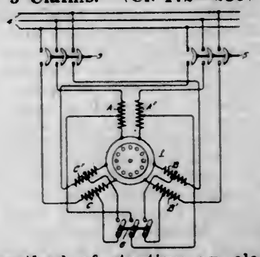
2,123,055

METHOD OF STARTING ELECTRIC MOTORS

Arthur H. Lauder and David R. Shoults, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application May 6, 1936, Serial No. 78,181

5 Claims. (Cl. 172—280)



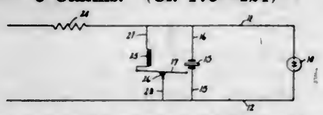
1. The method of starting an electric motor having a polyphase primary winding, each phase of which includes a plurality of winding sections, which consists in energizing one winding section of each phase, then connecting a portion of a second winding section of each phase in parallel with a portion of the energized winding section of the same phase, and then energizing another portion of said second winding section of each phase in parallel with another portion of said wholly energized winding section of the same phase without deenergizing any of said energized winding sections.

2,123,056

STARTING CIRCUIT FOR ELECTRIC DISCHARGE DEVICES

Eugene Lemmers, Cleveland, Ohio, assignor to General Electric Company, a corporation of New York

Application March 9, 1937, Serial No. 129,867
5 Claims. (Cl. 176—124)



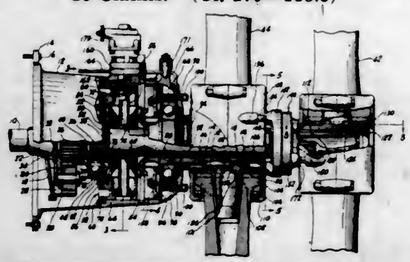
1. The method of starting an electric discharge lamp device having electrodes sealed therein which comprises connecting said device to the terminals of a source of current, connecting a piezo-electric crystal across the terminals of said device and causing said crystal to be deformed to generate piezo-electricity of sufficient voltage to start a discharge between the electrodes in said device.

2,123,057

OPPOSITELY ROTATING COAXIAL PROPELLERS

Erle Martin, West Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware

Application February 29, 1936, Serial No. 66,392
10 Claims. (Cl. 170—135.6)



1. The combination of an engine, an engine power shaft, a propeller shaft driven by said power shaft, a controllable pitch propeller on said propeller shaft, a sleeve rotatable on said propeller shaft, a second controllable pitch propeller carried by said sleeve, means comprising a pair of oppositely disposed beveled gears and a plurality of pinion gears mounted in a fixed cage for rotating said sleeve in a direction opposite to the direction of rotation of said propeller shaft, and means for adjusting the pitch of said controllable pitch propellers comprising, an axially movable sleeve disposed between said propeller carrying sleeve and said propeller shaft and having a connection at one end to said propellers, the opposite end of said axially movable sleeve having a connection extending through said fixed cage and connected with means for moving the same to control the pitch setting of said propellers.

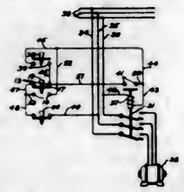
2,123,058

CONTROL DEVICE AND SYSTEM

Thomas I. Maslin, Bloomfield, and Roy N. Thomas, East Orange, N. J., assignors to General Electric Company, a corporation of New York

Application June 26, 1935, Serial No. 28,470
8 Claims. (Cl. 175—375)

1. In combination, an electroresponsive motor-starting switch having an energizing circuit and a maintaining circuit, a push button operated switch having normally closed contacts common to both circuits and normally open contacts, said contacts being operable by a common push button, means automatically responsive to depression of said push button from said normal position for maintaining said normally closed contacts in open circuit position while providing for



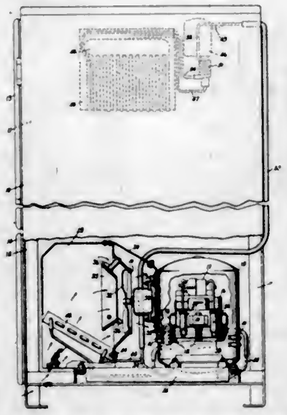
selective closure and opening of said normally open contacts by said push button, circuit connections for establishing an independent energizing circuit for said starting switch when said normally open contacts are closed, and manual means for releasing said automatic means to permit reclosure of said normally closed contacts.

2,123,059

REFRIGERATING MACHINE

Delbert F. Newman, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application February 17, 1937, Serial No. 126,211
5 Claims. (Cl. 62—116)



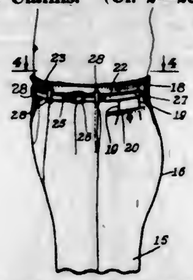
1. A refrigerating machine including a refrigerant compressor, means for driving said compressor, means including a condenser communicating with said compressor for liquefying the compressed refrigerant delivered thereto, an evaporator supplied with liquid refrigerant from said condenser, a heat absorbing body, and means including a refrigerant cooler connected between said compressor and said condenser and arranged in good heat exchange relationship with said heat absorbing body for minimizing the increase in pressure above normal of the compressed refrigerant in the refrigerating machine during the "pull-down" period of said evaporator from substantially an ambient temperature to an operating cooling temperature, said last-mentioned means utilizing the heat absorbing capacity of said body during the initial portion of the "pull-down" period for reducing the amount of superheat of the compressed refrigerant delivered to said condenser.

2,123,060

TROUSERS

James Oviatt, Los Angeles, Calif.

Application November 10, 1936, Serial No. 110,122
4 Claims. (Cl. 2—237)



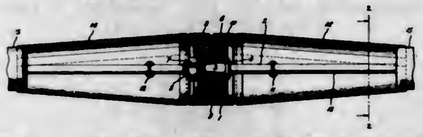
1. A pair of trousers having a waist portion adapted to extend above the waist line of the wearer and darts in the waist portion extending downwardly from the upper edge of the trousers to points in proximity of the hip line with the widest portions of the darts substantially at the waist line and below the top edge to constrict the latter circumferentially on a line below the upper edge of the trousers and above the hip line of the wearer whereby the trousers may hang and be supported from the hips of the wearer.

2,123,061

SEALING MEANS FOR HIGH FREQUENCY CONCENTRIC CABLES

Fritz Paasche, Berlin-Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York

Application September 14, 1936, Serial No. 100,754
In Germany September 21, 1935
4 Claims. (Cl. 173—268)



1. In combination with a high frequency concentric cable having inner and outer conductors, a packing ring of insulating material having a central conical bore through which the inner conductor extends and an outer peripheral groove, and means including portions of the inner and outer conductors respectively engaging said bore and said groove whereby the ring may be tightened between the inner conductor and the outer conductor.

2,123,062

ABRADANT

Fred G. Pellett, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

No Drawing. Application May 16, 1936, Serial No. 80,141
8 Claims. (Cl. 51—280)

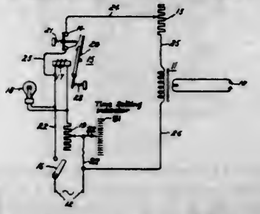
1. A flexible-backed abradant especially adapted for wet sanding operations comprising a flexible base coated with particles of abrasive imbedded in a water-resisting resinous composition which is the hardened homogeneous product resulting from reacting drying-oil-modified alkyd resin with a lesser but substantial proportion of phenol-aldehyde resin at an elevated temperature to a predetermined cure point.

2,123,063

RESISTANCE WELDING APPARATUS

Leo R. Peters, Cleveland, Ohio, assignor to General Electric Company, a corporation of New York

Application September 25, 1936, Serial No. 102,552
9 Claims. (Cl. 175—320)



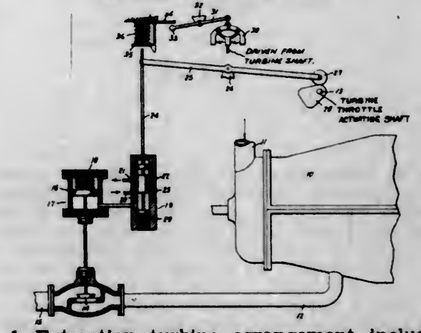
1. An electric timer comprising a circuit in which a thermally variable resistance element is connected in series with an adjustable resistance element the resistance of which does not vary materially with changes in temperature due to current heating, a voltage responsive device connected across one of said elements, means actuated by said voltage responsive device, a time setting indicator, means for adjusting said adjustable resistance element in accordance with the setting of said indicator, and means for connecting said series connected resistance elements to a source of voltage.

2,123,064

EXTRACTION TURBINE ARRANGEMENT

Arthur Rosch, Brieselang, near Nauen, Germany, assignor to General Electric Company, a corporation of New York

Application May 11, 1937, Serial No. 141,996
In Germany October 30, 1936
3 Claims. (Cl. 60—67)



1. Extraction turbine arrangement including the combination of an extraction turbine having an extraction conduit with a throttle valve, means for normally maintaining the throttle valve in a fixed position, and means for automatically closing the throttle valve upon a sudden increase in speed and as the mechanical load demand from the turbine rises beyond a certain maximum value.

2,123,065

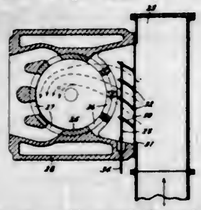
AIR INLET ARRANGEMENT FOR TWO-CYCLE INTERNAL COMBUSTION ENGINES

Friedrich Sass, Berlin-Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York

Application June 8, 1935, Serial No. 25,604
In Germany June 23, 1934
2 Claims. (Cl. 123—65)

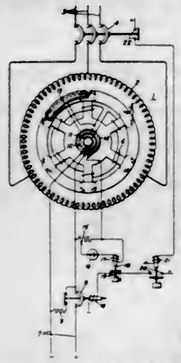
1. In a two cycle internal combustion engine having a cylinder with a plurality of circumfer-

entially spaced air inlet ports, the combination of an air container provided with an opening registering with said ports and provided with a plurality of adjustable guide vanes arranged in said opening and in proximity to said ports for



effecting a rotary motion of the air moving from said container to said cylinder, said rotary motion being adjustable during operation of said engine by means of said adjustable vanes whereby the most efficient fuel consumption may be obtained for different operating conditions.

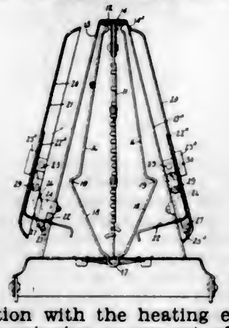
2,123,066
CONTROL SYSTEM
David R. Shoults, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 20, 1937, Serial No. 160,089
8 Claims. (Cl. 172—289)



1. In combination, a polyphase supply circuit, a synchronous machine having an armature winding connected to said supply circuit, a field winding for said machine, a source of excitation, means for connecting said source of excitation to said field winding, an auxiliary winding on said machine so located relatively to said field winding that a slip frequency voltage is induced in said auxiliary winding when said machine is operating subsynchronously and differs a predetermined amount in phase from the slip frequency voltage induced in said field winding, a closed circuit for said auxiliary winding, and means controlled by the slip frequency current in said auxiliary winding for initiating the operation of said connecting means at a predetermined point in the cycle of slip frequency current in said closed circuit when the frequency of said last mentioned slip frequency current is a predetermined value.

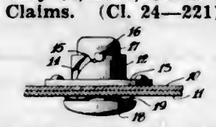
2,123,067
TOASTER
Harry L. Stiles, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application October 31, 1936, Serial No. 108,605
8 Claims. (Cl. 53—5)

1. A toaster comprising a support, a vertically arranged heating element on said support, a slice holder on one side of said heating element having a tray arranged in a generally vertical position and having an area to receive a slice of bread, and also having a lateral support for the slice at the bottom rigidly joined with the tray so that they cannot be moved relatively to each other, hinge links at the sides of said tray having their lower ends pivoted to said support and their upper ends pivoted to said holder constructed and arranged to support the slice holder in



toasting relation with the heating element and providing for swinging movement of the holder on the lower pivoted ends of said links to move the upper end of said holder toward and away from said heating element for the insertion and removal of the slice, and said links pivoting on their lower and upper ends to provide for bodily shifting of said holder in a substantially horizontal direction to and from said heating element to accommodate slices, sandwiches and the like having various thicknesses.

2,123,068
COUPLING
J. Mills Summers, Englewood, N. J.
Application July 24, 1937, Serial No. 155,405
8 Claims. (Cl. 24—221)

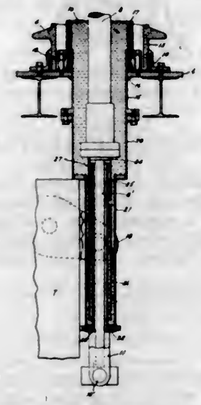


4. A coupling of the character described comprising a stud member, an enlarged manipulating head associated with one end thereof, opposed abutments associated with the opposite end of said stud, a collar portion for cooperation with said stud and adapted to be carried by one layer of material to be coupled, said collar being formed with opposed spiral trackways for cooperation with said stud abutments, and spring pressed means cooperating with the manipulating head of said stud and the second layer of material to be coupled to normally prevent the release of said stud abutments.

2,123,069
ELECTRIC SWITCH GEAR
Carl Thumim, Yeadon, and Harold E. Strang, South Ardmore, Pa., assignors to General Electric Company, a corporation of New York
Application October 12, 1935, Serial No. 44,740
4 Claims. (Cl. 200—150)

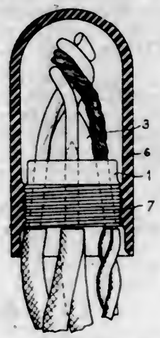
1. In a high voltage circuit breaker including a casing containing a liquid having a low surface tension such as oil and a circuit breaker operating rod extending from beneath into the liquid within said casing for relative movement with respect thereto, a low friction liquid seal between

said casing and rod comprising relatively movable telescopic structure secured to said casing and rod respectively so as to form a U-tube, one branch of which is in communication with said



oil, and a body of mercury in said U-tube for balancing the head of said oil whereby relative movement of said rod can be effected at high speed without loss of said oil or mercury.

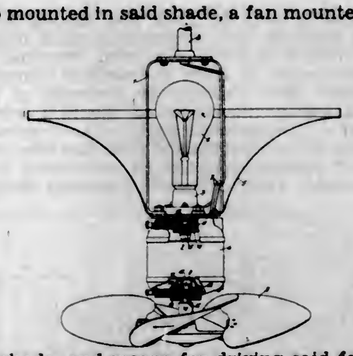
2,123,070
DEVICE FOR USE IN CONNECTING WIRE ENDS
Jacob Hendrik van Viersen, The Hague, Netherlands, assignor to Thabur, Industrieele en Technische Handelmaatschappij N. V., The Hague, Netherlands
Application August 23, 1937, Serial No. 160,416
In the Netherlands July 1, 1936
11 Claims. (Cl. 173—263)



1. A device for use in connecting wire ends, comprising a cylindrical member with a plurality of lengthwise bores therein having continuous side walls to receive the individual wires, a substantially conical mandrel at one end of the member with its base located substantially in alignment with the inner surfaces of the bores to receive the wires projecting from the said bores.

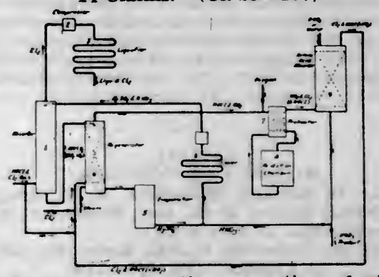
2,123,071
COMBINATION FIXTURE
Edwin C. Ballman, St. Louis, Mo.
Application June 29, 1936, Serial No. 87,857
7 Claims. (Cl. 230—249.5)

1. In combination with a lighting fixture having a hanger, a shade supported thereon, and a lamp mounted in said shade, a fan mounted below



said shade, and means for driving said fan so as to move air upwardly along said shade.

2,123,072
PROCESS FOR THE TREATMENT OF GASES
Herman A. Beekhuis, Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y., a corporation of New York
Application December 26, 1933, Serial No. 703,883
14 Claims. (Cl. 23—157)

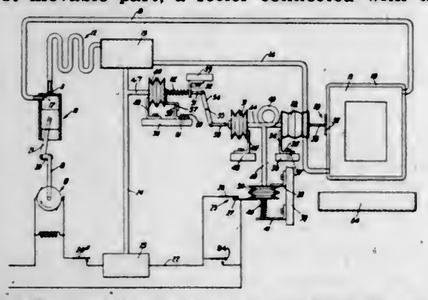


1. The process for the separation of nitrosyl chloride from a gas containing the same which comprises passing concentrated sulfuric acid in contact with said gas in the presence of a material from the group nitric acid and nitrogen peroxide at a temperature at which the nitrosyl chloride reacts with the sulfuric acid and said nitric acid and nitrogen peroxide to form nitrosyl sulfuric acid, withdrawing the resulting nitrosyl sulfuric acid from contact with said gas, and then heating the nitrosyl sulfuric acid and introducing a material from the group consisting of the halogens and halides to decompose the nitrosyl sulfuric acid forming a nitrosyl halide.

2,123,073
MEANS FOR AUTOMATIC DEFROSTING OF REFRIGERATING SYSTEMS
Charles W. Bell, Westfield, N. J.; Edythe H. Bell executrix of said Charles W. Bell, deceased
Application April 30, 1932, Serial No. 608,531
15 Claims. (Cl. 62—4)

1. The combination with a refrigerating system including a cooling element, means for supplying refrigerant to said cooling element in condition to cool the same and controlling means for starting and stopping the operation of the refrigerant-supplying means in accordance with changes of condition in connection with said system, of defrosting means including an auxiliary control for preventing or permitting operation of the refrigerant-supplying means, a closed system

containing a suitable fluid and having at one point a movable part adapted to exert pressure in the closed system, a second movable part movable toward or from the cooling element in accordance with increase or decrease of pressure exerted by movement of the first movable part and a third movable part movable outwardly and inwardly in accordance with increase or decrease of pressure exerted by movement of the first movable part, a feeler connected with the



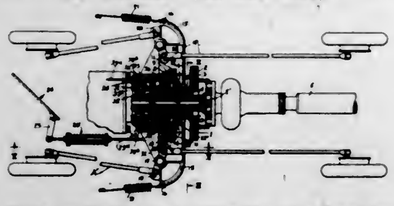
second movable member, a connection between the third movable part and the auxiliary control, and yielding means tending to prevent movement of the third movable part but movable upon engagement of the feeler with ice of excessive thickness on the cooling element to prevent operation of the refrigerant-supplying means, and acting upon melting of the ice to a predetermined thinness to restore the refrigerant-supplying means to the control of said controlling means.

2,123,074

MOTOR CAR CONTROL

Lindsay H. Browne, Rochester, N. Y., assignor to Josiah Anstice & Co. Inc., Rochester, N. Y., a corporation of New York

Application November 6, 1933, Serial No. 696,763
13 Claims. (Cl. 188—140)



5. In a motor car, a plurality of wheel brakes and linkage therefor, a servo actuating mechanism, a back-rolling stop adapted to lock the car against starting to roll back set to function by automatic shifting when the car is running forward, coordinated with the servo mechanism adapted to be set when the roll-back-stop locks the car and means thereafter automatically causing the servo-mechanism to apply the brakes, whereby upon voluntary release of the back-roll lock the initial rearward rolling of the car effects a gradual application of power to the brake-linkage.

2,123,075

METHOD OF CULTIVATING PLANTS

Morris Langa, Philadelphia, Pa.

Application April 15, 1937, Serial No. 136,977
1 Claim. (Cl. 47—34)

A method of cultivating plants in flexible or distortable containers which comprises the following steps:—pressing on the vertically extending wall of said flexible or distortable flower pot



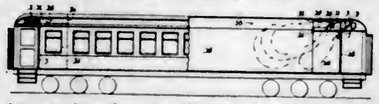
to loosen the soil above and about the roots of said plant, and subsequently watering the soil.

2,123,076

AIR CONDITIONING APPARATUS FOR PASSENGER CARS

William J. Madden, Lansdowne, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania

Application September 5, 1935, Serial No. 39,291
4 Claims. (Cl. 62—129)



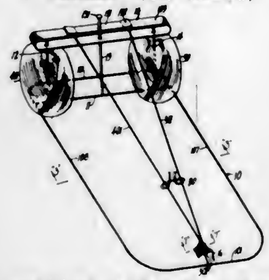
1. Apparatus for conditioning air in a railway passenger car comprising two separate cooling compartments disposed near the top of the car at one end thereof, each compartment having a cooling unit therein, means for continuously drawing air from the exterior of the car and passing it exclusively into one of said compartments through the cooling unit thereof and discharging it downwardly through the vestibule passageway of the car into the passenger space, means for continuously withdrawing air from the passenger space and passing it exclusively through the other compartment and its cooling unit and returning it to the passenger space along the top thereof, and means for circulating a refrigerant through each of said cooling units.

2,123,077

RUG MAKING DEVICE

Benjamin Mayer, Brooklyn, N. Y.

Application March 10, 1938, Serial No. 194,985
7 Claims. (Cl. 28—15)



1. In a machine of the class described, the combination of a flat base frame formed of one piece of wire, said base having a cross member therewith having three upright shafts, two of said shafts having means for rotatably mounting on each thereof a ball of yarn, the third shaft having rotatably mounted thereon a cover for said balls, said cover having means engageable with the upper portion of said two shafts to engageably hold the cover and said rotatable balls on said shafts, said cover also having locking means on its top for locking a strand of yarn from each of the balls thereto, and a hook at one end of said base frame, relatively lower than said lock, for fastening the end of said yarn strand thereto, whereby a length of yarn may be held taught between said lock and hook so as to slope downwardly toward said hook.

2,123,078

FERMENTATION MASH

John Müller, Philadelphia, Pa., assignor to Commercial Solvents Corporation, New York, N. Y., a corporation of Maryland

No Drawing. Application April 30, 1931, Serial No. 534,140
3 Claims. (Cl. 195—99)

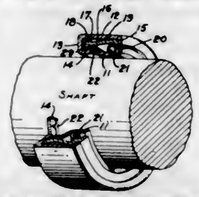
1. A new composition of matter comprising, essentially, an aqueous solution of a mono-hexose sugar in a concentration of 4–6% by weight containing approximately 0.1% by weight of an ammonium salt, approximately 0.1% by weight of a phosphoric acid salt, and an insoluble alkaline reacting metal carbonate in a concentration of the order of 0.2%, by weight, in excess of that required to adjust the hydrogen ion concentration of the composition to a value of approximately pH 6.2.

2,123,079

FLUID SEAL

Allison Donham Owen, Berkeley, Calif., assignor to National Oil Seal Co., Oakland, Calif., a corporation of Nevada

Application December 14, 1937, Serial No. 179,736
2 Claims. (Cl. 288—1)



1. A unitary fluid sealing device adapted to seal between two relatively moving substantially concentric cylindrical surfaces comprising an axially extending flexible sealing member arranged with one end in sliding leak-proof fit with one of said cylindrical surfaces and the other end spaced away therefrom slightly; an outer cylindrical ring with one end unflanged and the other end flanged, said flange being bent back on the ring's inner periphery to form an annular axially extending groove which before assembly of the seal has an opening only wide enough that the spaced end of the sealing member will barely slide in; an inner cylindrical ring flanged on one end only nested in said outer ring and with its unflanged end extending into the axial groove so that when the seal is assembled said groove is narrowed by the thickness of the material in said end ring, the latter then forming one axial complementary face of the clamping groove.

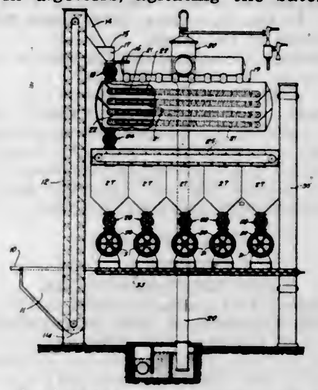
2,123,080

METHOD AND APPARATUS FOR TREATING FOOD REMNANTS

John E. Rowland, Long Beach, Calif.

Application December 18, 1934, Serial No. 758,039
3 Claims. (Cl. 34—24)

2. The process of dehydrating food wastes containing a relatively large amount of free liquid, that includes the continuous operation of removing free liquid by spreading the wastes in a thin layer permitting rapid drainage and rapid heating, continuously moving the layer of wastes in a quiescent state through a dehydrator maintained at sub-atmospheric pressure and a temperature at least sufficient to boil water, draining off free liquid during movement of the layer of food wastes, and evaporating the drained liquid within the dehydrator but not in contact with the wastes; and the subsequent batch operation of placing batches of the product from the dehydrator in digesters, agitating the batches, and



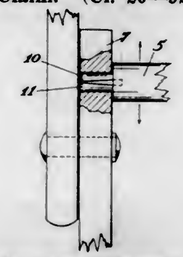
heating the batches to a temperature in excess of the dehydrator temperature but not high enough to break down the organic constituents of the food wastes.

2,123,081

FASTENING FOR TENON-JOINTS

Charles W. Sadenwater, Saginaw, Mich., assignor to Saginaw Manufacturing Co., Saginaw, Mich., a corporation of Michigan

Application February 8, 1937, Serial No. 124,678
1 Claim. (Cl. 20—92)



A fastening for tenon joints comprising in combination a member having a hole of uniform bore, a member formed to present a tenon having a longitudinal slit and presenting resilient fingers having outward uniform taper toward their free ends, said tenon being shaped at its smaller diameter to fit the bore when completely inserted therein so that the outward spring action of the resilient fingers provides frictional engagement of the tapered portions of the tenon throughout its length with the walls of the uniform bore, said frictional engagement constituting the sole means for releasably fastening the tenon in said bore and for maintaining the aforesaid member in alinement while in the bore.

2,123,082

MANUFACTURE OF ALKYL SULPHUR HALIDES

Walter A. Schulze, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware

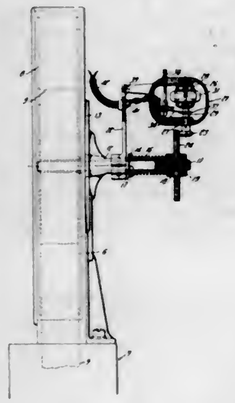
No Drawing. Application July 23, 1935, Serial No. 32,802
8 Claims. (Cl. 260—99.10)

1. As a new product, a compound of the general formula R—S—X wherein R is an unsubstituted alkyl group and X is a halogen.

2,123,083
STABILIZING OILS
Le Roy G. Story, Mount Vernon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application August 20, 1931, Serial No. 558,330
5 Claims. (Cl. 44—9)

1. A motor fuel comprising cracked gasoline, normally tending to deteriorate on storage and containing in sufficient amount to retard such deterioration, an alphanaphthylamine and a polyhydric phenol selected from the group consisting of pyrogallol and hydroquinone.

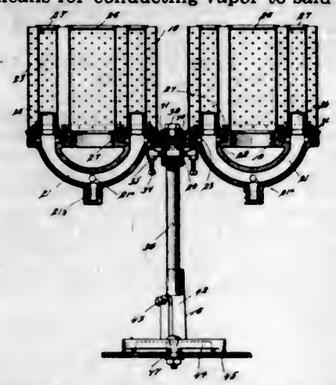
2,123,084
CENTRIFUGAL SWITCH
Robert L. Tanson, Oakland, Calif.
Application November 9, 1936, Serial No. 109,916
8 Claims. (Cl. 200—80)



1. In a device of the class described having in combination a rotatable shaft for a film reel, a disc adapted for mounting on said shaft for rotation therewith, a casing adapted for pivotal support about a horizontal axis transversely spaced from and substantially parallel to the plane of said disc and above said disc, a drive wheel carried by said casing for engagement with a side of said disc opposite said axis and held against said disc by the weight of said casing, a switch, and means in said casing driven by said drive wheel and being responsive to the speed thereof to cause the operation of said switch.

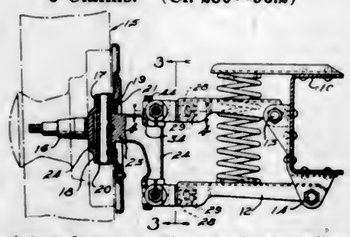
2,123,085
OIL BURNER SYSTEM
William G. Winsor, Jr., Pawtucket, R. I., and Albert A. La Pointe, Hartford, Conn., assignors, by direct and mesne assignments, to Sunshine Utilities, Inc., a corporation of Rhode Island
Application November 15, 1930, Serial No. 495,902
Renewed December 14, 1934
13 Claims. (Cl. 158—87)

1. In an oil burner, an oil burner base having spaced concentric grooves, foraminated cylinders mounted concentric with said grooves and defining flame passageways, a fuel vaporizing chamber terminating at diametrically opposite points between said grooves, means for conducting vapor from said chamber in oppositely directed streams to said grooves, an expansion chamber communicating with said vaporizing chamber and above said means for conducting vapor to said grooves,



and means for conducting fuel to said vaporizing chamber.

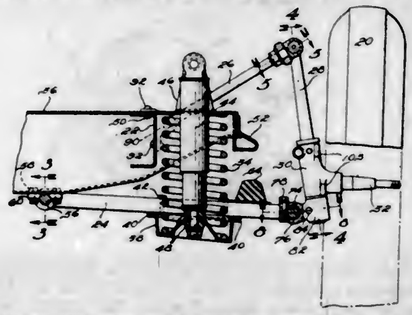
2,123,086
WHEEL ARM JOINT
John W. Leighton, Port Huron, Mich.
Application November 18, 1933, Serial No. 698,715
Renewed November 17, 1937
9 Claims. (Cl. 280—96.2)



1. A joint for mounting and castering a vehicle wheel of the individually sprung type, comprising a link member, a wheel mounting and castering member, one of said members having apertured and spaced arm portions and the other member having an apertured portion disposed therebetween, a pin extending through all of the apertures and having its opposite ends similarly threaded, thread means in the apertures in the arm portions for receiving the threaded ends of the pin, means on the pin for moving the other member therewith when the pin is turned and moved axially during adjustment, and means for releasably locking said other member to the pin for causing the latter to turn with said member during operation of the joint.

2,123,087
INDIVIDUAL WHEEL SUSPENSION
John W. Leighton, Port Huron, Mich.
Application July 18, 1935, Serial No. 31,986
10 Claims. (Cl. 280—96.2)

2. The combination with a motor vehicle frame, of an individual wheel suspension comprising upper and lower arms extending outwardly from the frame and hinged at their inner ends to the latter for hinging movement in a vertical direction, a king pin extending vertically between the outer ends of the arms and serving to hold said ends in vertically spaced relation, means hingingly connecting opposite ends of the pin to the outer ends of the arms respectively so as to enable vertical hinging of the arms with respect to the pin but effective to prevent axial rotation of said king pin, and a wheel axle projecting from the pin and having a tubular portion receiving a part of the pin so as to enable turning of the



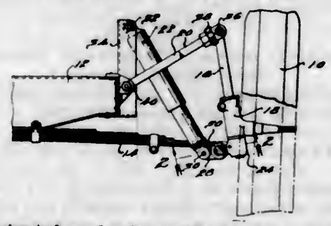
axle on the pin, said tubular portion being internally threaded and the pin therein being threaded thereinto so as to provide a threaded, rotary bearing engagement.

2,123,088
WHEEL ARM JOINT
John W. Leighton, Port Huron, Mich.
Original application November 18, 1933, Serial No. 698,715. Divided and this application October 26, 1936, Serial No. 107,536
5 Claims. (Cl. 287—100)



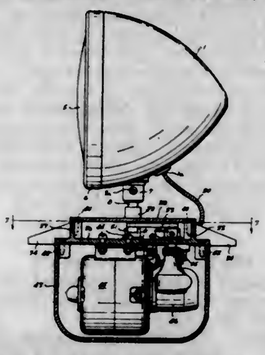
5. An oscillatory joint for automobiles comprising a pair of members having threaded openings, a bolt having threaded portions in engagement with the openings respectively, the threads on one portion of the bolt and in the opening therefor being directed oppositely and having a different pitch as compared to the threads on the other bolt portion and in the opening for the latter, and means for clamping one member about the bolt portion engaging it, whereby the bolt will have threaded bearing relationship with the other member upon oscillatory movement between the members but upon temporarily loosening the clamp, the bolt may be turned to adjust the relative positions of the members on the bolts.

2,123,089
ADJUSTABLE CONNECTION FOR WHEEL SUSPENSION OR THE LIKE
John W. Leighton, Port Huron, Mich.
Application January 20, 1938, Serial No. 185,794
6 Claims. (Cl. 280—124)



1. A pivotal and adjustable joint comprising a pair of members one of which has apertured and spaced arm portions and the other an apertured portion disposed between said arm portions, a pin extending through all of the apertures and having its opposite ends similarly threaded, the intermediate portion of the pin being eccentric and threaded, thread means in the apertures in the arm portions for receiving the threaded ends of the pin, thread means in the aperture in the other member to receive the threaded eccentric portion of the pin, and means for releasably locking one of the members to the pin for causing the pin to turn with said last mentioned one member during relative pivotal movement of the members.

2,123,090
SIGNAL
Robert C. Anderson, Dayton, Ohio, assignor to Buckeye Iron & Brass Works, Dayton, Ohio, a corporation of Ohio
Application November 17, 1936, Serial No. 111,271
5 Claims. (Cl. 240—48)

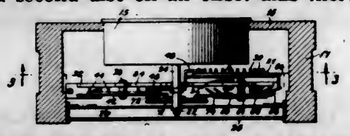


1. In signal means including an oscillatable lamp support, a motor, gear reducing means and means attached to said gear reducing means and said lamp support for translating rotary movement of said motor into oscillating movement, said lamp support comprising a single plate carrying all of said parts, means for mounting said motor and gear reducing means directly on one side of said plate, a cover attached directly to said plate for said motor and providing a motor enclosing chamber, said means for translating rotary movement into oscillating movement comprising linkage means, a shaft extending through said plate and connecting said linkage means with said gear reducing means, pivots for said linkage means and said oscillatable lamp support mounted directly on the other side of said plate, and a detachable cover mounted on said plate and forming with said plate a linkage chamber, whereby ready access may be obtained to said linkage chamber without disturbing the arrangements of parts in said motor chamber, and bearing means on said cover for said oscillatable lamp support.

2,123,091
CALENDAR CLOCK
Otto Becker, Corona, N. Y.
Application August 28, 1936, Serial No. 98,296
1 Claim. (Cl. 58—5)

In a calendar clock having a driving mechanism, an hour-hand spindle driven by the mechanism, a finger fixed on said spindle and having oppositely extending angular end faces, a dial having right, left and central apertures, a disc

having spaces bearing the names of the days of the week once repeated in adjacent relation, said disc actuated by one end face of said finger to rotate twice in twenty-four hours at uniform intervals to exhibit its spaces through the left hand aperture of said dial, a second disc having spaces bearing numerals indicating the days of the month once repeated in contiguity, said second disc actuated by the opposite end face of said finger also twice in twenty-four hours to exhibit its spaces through the right hand aperture of said dial, a third disc arranged in front of said second disc on an offset axis therefrom,

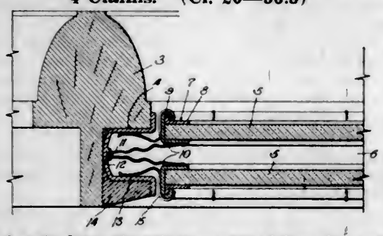


this axis of said third disc being between the axis of said second disc and the periphery thereof, said third disc having twelve spaces bearing the names of the months, such names showing through the right hand aperture in said dial closely adjacent the spaces of the said second disc, means carried by said second disc to actuate said third disc one space at each full revolution of the second disc, a fourth disc having spaces bearing numerals designating consecutive years to show through the central aperture in said dial, and means driven by said third disc to move said fourth disc one space at each full revolution of the third disc.

2,123,092
FILTER TREATMENT
Abraham Sidney Behrman, Chicago, Ill., assignor, by mesne assignments, to Infilco Inc., a corporation of Delaware
No Drawing. Application August 13, 1936, Serial No. 95,849
13 Claims. (Cl. 210—62)

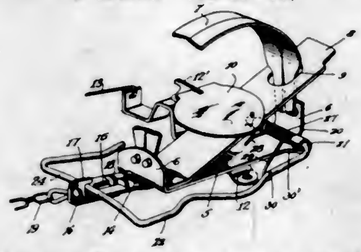
13. The method of sterilizing a filter bed containing activated carbon, which comprises incorporating iodine in an aqueous solution, and passing the solution through the filter bed in contact with the carbon.

2,123,093
INSULATING WINDOW
Paul F. Bowman, Scarsdale, N. Y.
Application November 9, 1936, Serial No. 109,991
4 Claims. (Cl. 20—56.5)



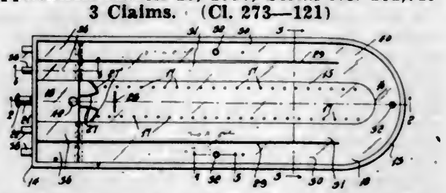
1. A window structure comprising in combination, a frame having a shoulder portion, a pair of glass panels in spaced parallelism with each other, resilient means joining said panels at their peripheries to form an airtight cell therebetween and extending beyond said panels to present a marginal member bordering same, and a U-shaped molding secured in said frame shoulder portion and having a groove therein for reception of said marginal members.

2,123,094
ATTACHMENT FOR ANIMAL TRAPS
Charles D. Briddell, Crisfield, Md.
Application May 6, 1936, Serial No. 78,251
3 Claims. (Cl. 43—90)



2. An animal trap comprising a base having upstanding ears at its ends, jaws pivoted at their ends to said ears for swinging movement into and out of a closed position, a latch for holding the jaws open, a trip pan for engaging said latch and releasably securing the same with the jaws open, a spring for closing said jaws extending longitudinally of the jaws and having an anchoring tongue at one end passing through one ear and projecting outwardly therefrom, a guard straddling said jaws and pivotally mounted for swinging movement longitudinally of the jaws from a raised position to a lowered position disposing a portion across said tongue, a spring yieldably holding the guard raised, and a latch carried by said tongue and movable into and out of position to engage the overlying portion of the guard and secure the guard in its lowered position.

2,123,095
GAME APPARATUS
Dennis J. Burlo, Green Bay, Wis.
Application March 18, 1937, Serial No. 131,715
3 Claims. (Cl. 273—121)

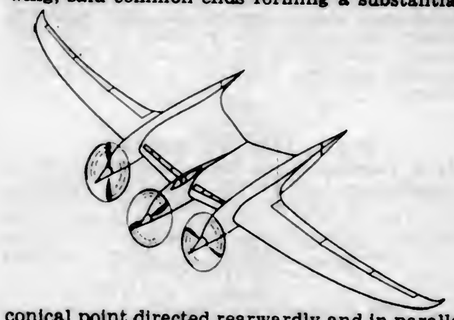


2. Game apparatus of the class described having a base, an attenuated panel of less width than the base superposed thereon, the side edges of said panel forming shoulders with the base spaced inwardly from the sides of the base over which a ball is adapted to travel, means extending from one end of said base on opposite sides of the panel in combination with the marginal edge of the panel dividing the device into passages over the base, said panel and said means terminating short of the other end of the apparatus.

2,123,096
AEROPLANE
Jean Frédéric Georges Marie Léon Charpentier, Saint-Cloud, France
Application March 23, 1936, Serial No. 70,521
In France March 22, 1935
2 Claims. (Cl. 244—130)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)

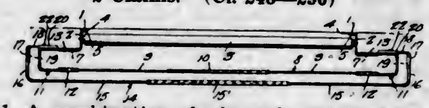
1. An aeroplane wing bounded by a leading and a trailing edge, both convex towards the front and the common ends of which are substantially par-

allel to the longitudinal axis of symmetry of the wing, said common ends forming a substantially



conical point directed rearwardly and in parallelism with the said axis of symmetry.

2,123,097
COMBINATION SHADE AND CURTAIN SUPPORT
Robert C. Crates, Findlay, Ohio
Application June 16, 1936, Serial No. 85,601
2 Claims. (Cl. 248—256)



1. A combination shade and curtain support for attachment to a window casing comprising, a pair of shade supporting brackets adapted to be attached to said casing and having a lateral extension, respectively, an extensible curtain bracket having its opposite ends slidably mounted on said extensions, and a second extensible curtain bracket having its opposite ends slidably mounted on the ends of the first mentioned curtain bracket.

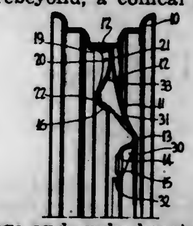
2,123,098
GAUGE FOR BOOK STAMPING AND PRINTING MACHINES
Joseph J. Donato, Berkeley, Calif.
Application April 1, 1937, Serial No. 134,415
3 Claims. (Cl. 101—407)



1. For use with a book stamping or printing machine, a rectangular frame having graduations along one of its longer edges, means for securing said frame to a book stamping or printing machine, a book centering means located transversely of said frame, a guide way on said frame extending parallel to said graduations, an elongated clamping element operable in said guide way, means for adjusting said clamping element along said guide way, hold down elements carried by said clamping element and means whereby said hold down elements may be adjusted longitudinally on said clamping element.

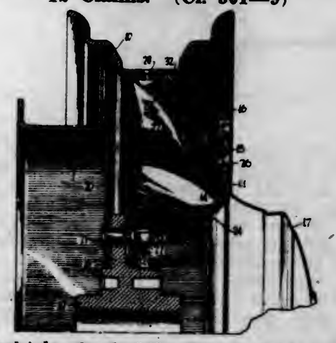
2,123,099
REINFORCED SPOKE ARTILLERY WHEEL
Carolus L. Eksergian and Paul W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 4, 1932, Serial No. 603,087
9 Claims. (Cl. 301—9)

1. An artillery type vehicle wheel comprising in combination, a rim member, a single stamping wheel body of the demountable bolted on type having a substantially radial bolting on flange, a spoke bearing portion extending radially outwardly thereof having a conical disc like form, spokes having their root portions pressed from said conical portion and their main bodies extending therebeyond, a conical portion connect-



ing said flange and spoke bearing portion forming with the latter a substantially annular channel facing axially, and reinforcing means secured to the outer periphery of said spoke bearing portion between the spokes and having axial interlocking relation with said spokes and terminating in axial flanges secured to said rim portion.

2,123,100
SINGLE STAMPING ARTILLERY WHEEL
Carolus L. Eksergian, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 16, 1933, Serial No. 657,061
12 Claims. (Cl. 301—9)

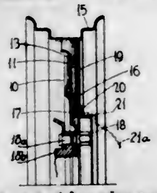


1. A vehicle wheel of the demountable bolted-on type consisting of a rim, a hub, and a wheel body forming the sole connection between the hub and rim, said wheel body consisting solely of a single unsupported stamping having a substantially radially-extending bolting-on flange, a conical disc-like spoke-bearing portion radially outwardly of said flange, an annular generally axially-extending portion connecting said flange and spoke-bearing portion and forming with the spoke-bearing portion an axially-facing channel, and spokes of deep channel section extending radially out from the spoke-bearing portion and having roots pressed from said conical portion, said spoke roots extending over the major portion of the radial extent of said conical portion.

2,123,101
VEHICLE WHEEL
Warren H. Farr, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 22, 1931, Serial No. 582,522
5 Claims. (Cl. 301—64)

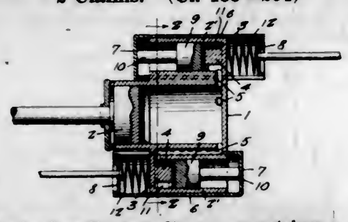
1. A vehicle wheel including a pressed metal

generally disc-like body having radially extending portions thereof pressed into arcuate shape to simulate spokes and having the outermost radial extremities of said spoke portions secured to a rim, the portions of said disc-like body intermediate said spokes terminating radially inwardly of the outermost radial extremities of the



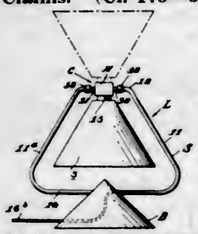
spokes and nave, a spider shaped shroud secured to said disc-like body and having its arms overlapping the several spokes, said arms having flanges, and a plurality of metallic sectors occupying the spaces between the respective spokes and secured to the disc body intermediate the spokes and engaging the flanges on said shroud.

2,123,102
HYDRAULIC EQUALIZER FOR AUTOMOBILE MECHANICAL BRAKES
William Feigley, Bremerton, Wash.
Application January 5, 1937, Serial No. 119,165
2 Claims. (Cl. 188—204)



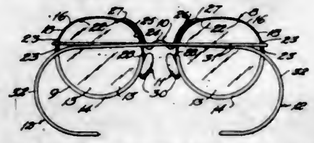
1. A hydraulic equalizer comprising a master cylinder, a manually operated piston in said cylinder, internal sleeves carried by said master cylinder, external sleeves slidable on the internal sleeves and connected to brakes of a motor vehicle, and pistons located in the inner sleeves and engaging the outer sleeves to form within said inner sleeves fluid chambers, said master cylinder having ports communicating the latter with the fluid chambers of said inner sleeves.

2,123,103
ELECTRICAL CONNECTER
Milton O. Fischel, Du Bois, Pa.
Application May 17, 1937, Serial No. 143,181
3 Claims. (Cl. 173—324)



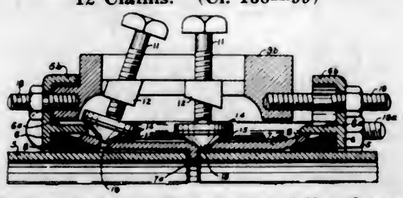
1. An electrical connecter comprising a casing including a base wall provided with a pair of spaced apertures, a bulb socket having a pair of blades, said blades projecting through said apertures, said socket carried by said base wall, an insulated member supported within said casing, said insulated member having a pair of spaced rings carried thereby, said rings contacting said blades, means projecting within and extending beyond said casing secured to said insulated member, said means non-rotatably holding said insulated member within said casing, said casing being movable relatively to said insulated member.

2,123,104
FRAME FOR SPECTACLES
Lela T. Garrison, Cape May Court House, N. J.
Application April 14, 1937, Serial No. 136,939
2 Claims. (Cl. 88—47)



2. In spectacles, an endless lens holding rim formed of a strap-like lower portion and a strap-like upper portion reversely disposed with respect to and merging into said lower portion, said lower portion being so formed for receiving therein an edge portion of the lens and for overlapping parts of the marginal portions of the faces of the lens bordering said edge portion, said upper portion being so formed for receiving the forward part of the remaining portion of the edge of the lens and for overlapping the remaining part of the marginal portion of the outer face of the lens bordering said edge, the rear side of said upper portion being of less width with respect to the rear side of said lower portion, and spaced inwardly extending bendable barbs on the rear side of said upper portion for overlapping spaced parts of said remaining portion of the lens edge and for abutting spaced parts of the marginal portion of the rear face of the lens bordering said edge to detachably secure the lens to the rim.

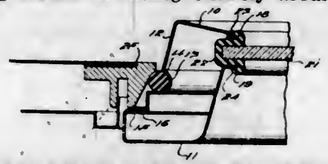
2,123,105
LEAK MENDING DEVICE
Morris W. Gerson, Wichita Falls, Tex.
Application September 29, 1936, Serial No. 103,179
12 Claims. (Cl. 138—99)



12. In a leak-mending device of the character described, the combination of follower rings having inturned flanges, an elongated device extending approximately parallel with the axis of the rings and having projected ends in position to engage in the flanged rings, a screw member connected with the elongated device and adjustable longitudinally and radially thereof, and packing means coacting with the inner portion of the screw member.

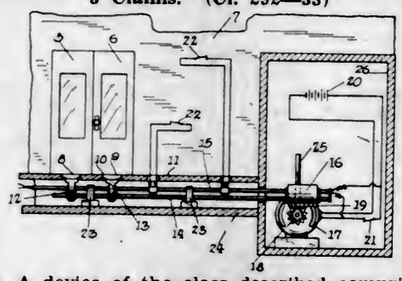
2,123,106
DOOR
Alfred H. Haberstump, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application August 10, 1936, Serial No. 95,085
7 Claims. (Cl. 189—46)

1. A door construction including in combination a pair of sheet metal panels having registering apertures therein, the outer marginal edges of said panels being secured together, a glass receiving frame extending entirely around said



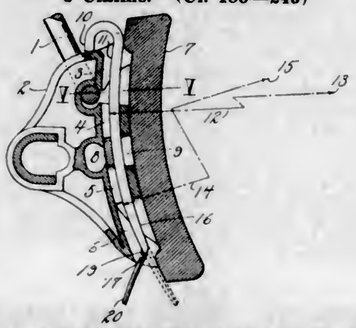
apertures and having a recess adapted to receive the marginal edge of each of said panels in said apertures and a glass pane mounted in said glass receiving frame.

2,123,107
LOCKING MECHANISM FOR BUILDING STRUCTURES
Steve J. Hodos, San Francisco, Calif.
Application March 3, 1937, Serial No. 128,762
3 Claims. (Cl. 292—33)



1. A device of the class described comprising means capable of being installed in a building structure having swinging doors, comprising fixed cam means positioned on said swinging doors, additional cam means cooperating therewith to lock said doors, and motor driven means for actuating said second cam means.

2,123,108
BRAKE SHOE KEY
George F. Jackson, Toledo, Ohio
Application November 20, 1937, Serial No. 175,549
3 Claims. (Cl. 188—243)



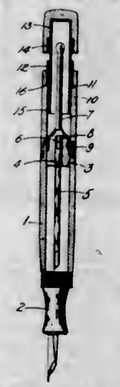
1. A brake shoe key having a return bend head, a rectangular body therefrom of uniform cross-section throughout its engagement extent with aligned openings of the brake shoe and brake head, said key having a projecting portion beyond said openings providing a first reduced rectangular cross-section and abruptly therefrom an approximately half oval cross-section in providing adjacent the junction between said half oval and reduced rectangular cross-section portions a region adapted to bend in opposing the return bend of the head and thereby effective to hold the key in locked position assembled between the brake head and brake shoe.

2,123,109
SANITARY DEVICE
Stanislaw Jakala, Chicago, Ill.
Application August 26, 1936, Serial No. 98,026
2 Claims. (Cl. 128—294)



2. A device of the type described comprising a flexible cup having an open end, a flexible loop connected with the cup in spaced relation with the open end, flexible straps connecting the loop with the cup, and flexible spacing ribs projecting inwardly of the cup wall.

2,123,110
SELF-FILLING FOUNTAIN PEN
William Frederick Johnson, London, England, assignor to Mentmore Manufacturing Co. Limited, London, England, a company of Great Britain
Application June 1, 1937, Serial No. 145,901
In Great Britain June 6, 1936
3 Claims. (Cl. 120—47)

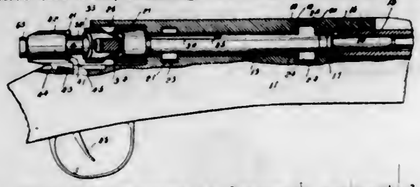


1. Self-filling fountain pen comprising a barrel which itself constitutes the principal part of the ink reservoir, an extension of the said barrel, a collapsible bag contained in the said extension, a longitudinal air tube opening into the bag at the end thereof which is adjacent to the barrel and into the barrel at the end thereof remote from the bag, a restricted passage communicating between the said bag and barrel, and a displaceable member freely engaged telescopically with the extension so as to enclose the bag and adapted by its displacement for collapsing and expanding the bag by pneumatic action and without contact therewith.

2,123,111
BOLT ACTION RIFLE
Valentine J. King, House Springs, Mo.
Application June 16, 1936, Serial No. 85,589
7 Claims. (Cl. 42—16)

1. In combination, a bolt, a receiver mounting the bolt for longitudinal and rotary movement relatively to the receiver, interengaging lugs and grooves between the bolt and receiver, a sleeve about the bolt, a spiral rib connection between the

sleeve and bolt, a bushing on the bolt, an operating handle pivoted to the bushing and interengaged with said sleeve to move the latter to rotate the bolt, a firing rod in said bolt, mounted



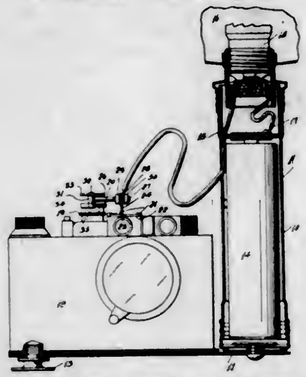
for sliding movement, a hammer connected to said firing rod, a spring associated with said firing rod tensioned through the application of the bolt, whereby upon operation, the spring will operate the hammer and rod.

2,123,112

CAMERA FLASHLIGHT SYNCHRONIZER

Elton W. Krueger, Monterrey, Mexico

Application April 28, 1937, Serial No. 139,620
3 Claims. (Cl. 67—29)



3. In combination with a camera having a shutter mechanism including a movable element provided with a contact, a contact on the camera engageable by the first contact, a flashlight unit including a battery having one side connected to one contact and the other side connected to the other contact, a bracket having a plate-like base, clips on the camera adjustably mounting said base, a wall rising from the base intermediate the side edges thereof, a shaft insulated from the wall and adjustably fastened transversely thereof, said shaft extending laterally beyond the base and at its free end having a sleeve at a right angle to its longitudinal axis, an element rotatably mounted by said sleeve, said element carrying the second mentioned contact.

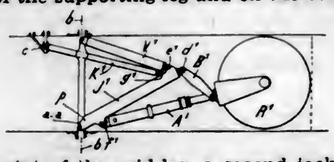
2,123,113

RETRACTABLE LANDING GEAR FOR AEROPLANES

René Lucien Lévy, Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques, S. I. A. M., Fribourg, Switzerland

Application January 9, 1936, Serial No. 58,397
In France February 4, 1935
1 Claim. (Cl. 244—102)

Retractable landing gear for aeroplanes, comprising, a wheel, a first element constituted by a leg supporting the wheel, two separate axes intersecting at a fixed point and around which the supporting leg is adapted to pivot, a second element constituted by a directing bar of constant length connected to a fixed point of the aeroplane and to a point of the supporting leg, a third element constituted by a jack pivoted on the one hand at a point on one of the oscillating axes of the supporting leg and on the other hand



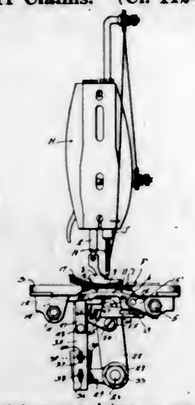
at a point of the said leg, a second jack pivoted on the one hand at a fixed point of the aeroplane and on the other hand on a crank keyed on the said oscillating axis.

2,123,114

TUFTING MACHINE

Glenn Looper, Dalton, Ga.

Application December 15, 1936, Serial No. 116,003
11 Claims. (Cl. 112—79)



1. In a tufting machine, a work support, a reciprocatory needle to carry the yarn through the work and produce loops, work feed means for coaction with the needle, supporting means including a shaft having its longitudinal axis extending across the line of work feed, an oscillatory carrier pivotally mounted upon the shaft, said carrier having a generally horizontal slot, a looper including an upstanding arm, said arm being provided with a plurality of generally vertical slots, a connecting element passing through one generally vertical slot and attached to the carrier and adapted to serve as a fulcrum for the arm, a bolt passing through the other generally vertical slot and through the generally horizontal slot in the carrier to permit of the vertical adjustment of the arm and also the angular adjustment of the arm about the connecting element, the bolt being adapted to clamp the arm to the carrier, means to oscillate the carrier and looper to cause the looper to enter the loops, and means to sever the loops upon the looper.

2,123,115

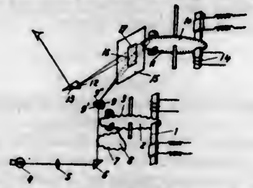
STROBOSCOPIC DEVICE FOR CHECKING AND ADJUSTING METERS

Gustave Ernest Maillat, Voisins-le-Bretonneux, by Trappes, France, assignor to Union d'Electricite, Paris, France, a French company

Application July 28, 1936, Serial No. 93,065
In France August 10, 1935
7 Claims. (Cl. 175—183)

1. Stroboscopic device for checking and adjusting electric meters, comprising a standard meter having a disc provided on its periphery with means for periodically interrupting light,

a luminous source, optical means for projecting a luminous beam issuing from said source onto the under face of the disc of the meter to be checked through the periphery of the disc of the standard meter, the under face of the disc of the meter to be checked having the same num-



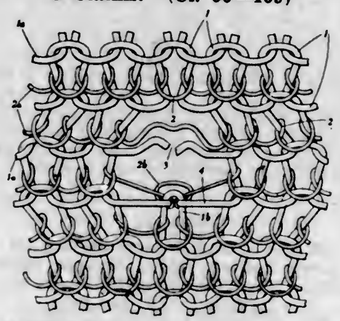
ber of graduation lines as the number of serrations of the disc of the standard meter, and a fixed screen provided with serrations arranged in the path of the luminous beam and interposed between the luminous source and the serrated disc of the standard meter.

2,123,116

KNITTED FABRIC

Robert Kirkland Mills, Sherwood, Nottingham, England, assignor to Hosiery Developments Limited, Nottingham, England

Application January 14, 1938, Serial No. 185,041
In Great Britain December 18, 1936
3 Claims. (Cl. 66—169)



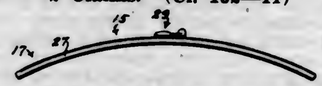
3. A knitted fabric embodying locked or tied stitches of the kind referred to wherein the length or size of every stitch-locking loop is greater than that of the stitch loop with which it is associated to such an extent that in the event of said stitch loop being released from its dependent engagement with a subsequently formed stitch loop, the released loop is maintained connected with the next previously formed stitch loop in the same wale by virtue of said relatively long locking loop still retaining a looped formation and becoming anchored between the straightened or substantially straightened thread of the released stitch loop and the said next previously formed stitch loop.

2,123,117

MECHANICAL SELF-LOCKING COMB

Louis Newberry, Los Angeles, Calif.

Application October 21, 1936, Serial No. 106,837
2 Claims. (Cl. 132—11)



1. A comb formed of half combs, said half combs being nested and adapted to move longitudinally relative to one another, and means to lock said half combs in selected position, said means comprising a finger pressed, lever actuated screw adapted to clamp certain of the teeth of one of said half combs between the sides of the body portion of the other of said half combs.

2,123,118

LIQUID MIXER

William L. Osborn and Joseph H. Williams, Elwood, Ind.

Application May 27, 1937, Serial No. 145,160
3 Claims. (Cl. 259—124)



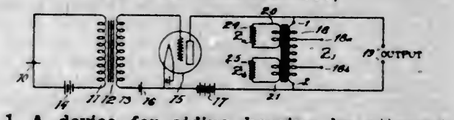
1. A mixer comprising a threaded rod, disks adjustably supported on the threaded portion of said rod, one of said disks being provided with a plurality of spaced openings, agitators pivotally engaging said spaced openings, said agitators being mounted to swing through an arc and having their upper ends bent inwardly to move between said disks to limit their movement thereby, and said disks being adjustable to vary the length of movement of said agitators.

2,123,119

HEARING AID APPARATUS

William D. Penn, Dallas, Tex.

Application June 26, 1936, Serial No. 87,537
3 Claims. (Cl. 179—107)



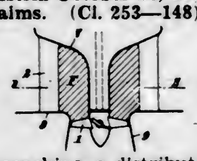
1. A device for aiding hearing by attenuating frequencies to which a user of the device is normally sensitive, comprising an input device, an output device, an electromagnetic frequency attenuating device having a winding shunted across said output device and eletromagnetic means for altering the frequency attenuating characteristics of said frequency attenuating device, said last mentioned means including one or more impedance circuits coupled to said frequency attenuating device for the purpose of introducing losses equal to

$$20 \log_{10}\left(1+\frac{Z_o Z_r}{Z_s(Z_o+Z_r)}\right)$$

in decibels, where Z_o is the effective impedance in the circuit of said input device, Z_r is the impedance of said output device and Z_s is the effective shunt impedance of said frequency attenuating device, said losses being introduced at frequencies determined by the characteristics of said attenuating device for reducing the response

of the hearing aid at these predetermined frequencies to which the user is normally sensitive to a level substantially below the normal response of the hearing aid to the remaining frequencies.

2,123,120
TURBO MACHINE
Manfred Reiffenstein, Vienna, Austria
Application October 24, 1936, Serial No. 107,471
In Austria October 26, 1935
6 Claims. (Cl. 253—148)

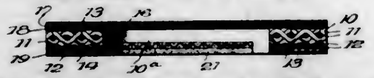


1. In a turbo-machine, a distributor with fixed guide vanes, a shaft centrally disposed in said distributor, a runner provided with adustable runner-blades and secured to said shaft, a draft tube for discharging the water from the runner, an inner wall establishing communication between said guide vanes and said runner, and an outer wall establishing communication between said guide vanes and said draft tube, whereby the free vertical cross-sectional area between the tail-edges of said guide vanes, the runner's entrance edges and said inner and outer walls exceeds the value

$$\frac{Q}{\sqrt{10.g.H}}$$

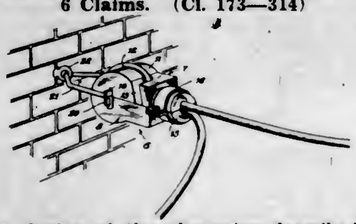
and is measured in a plane through said shaft.

2,123,121
CORN PAD AND PLASTER
William L. Schrader, Chicago, Ill.
Application April 15, 1935, Serial No. 16,528
13 Claims. (Cl. 128—153)



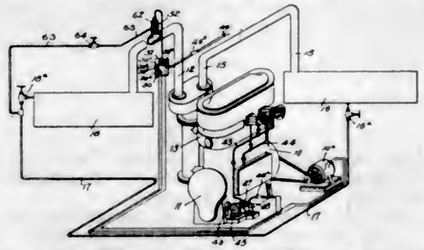
1. A pad of the character described comprising a body portion consisting of a single piece of woven material so shaped as to provide a ring-like body encircling an open space, and an impermeable covering attached to the top face of said body in such manner as to extend over and completely cover said space, said ring-like body having a zone between its top and bottom surfaces which is softer than either of said surfaces.

2,123,122
INSULATOR AND HANGER FOR SAME
Charle, H. Shaw, Inwood, N. Y.
Application August 6, 1935, Serial No. 35,007
6 Claims. (Cl. 173—314)



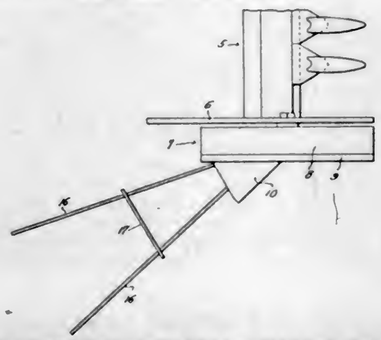
5. A device of the character described comprising a block of insulating material having a peripheral groove in the rearward portion terminating intermediate the block at opposed sides thereof, a port extending longitudinally within the forward end of the block, and slots in the sides of said block other than the sides wherein said peripheral groove terminates presenting a confluence of the terminals of said groove into said port whereby to securely hold a tensioned looped conductor on said block.

2,123,123
REFRIGERATING SYSTEM CAPACITY CONTROL
Norman M. Small and Leon Buehler, Jr., Waynesboro, Pa., assignors to Frick Company, Waynesboro, Pa., a corporation of Pennsylvania
Application January 16, 1937, Serial No. 120,982
22 Claims. (Cl. 62—115)



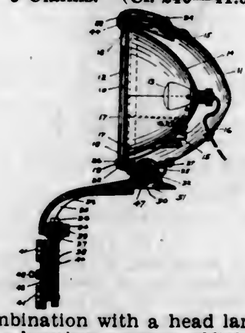
1. A refrigerating system including a compressor, an evaporator and suction line for returning refrigerant from the evaporator to the compressor and capacity control means for controlling the effective volumetric displacement of the compressor for varying the effective refrigerating capacity of the system, and means for controlling said capacity control means and for controlling said system in accordance with refrigerant temperature on the low side of the system.

2,123,124
GRASS GUARD FOR MOWERS
Lewie Roberts Smith, Nampa, Idaho
Application November 26, 1937, Serial No. 176,710
1 Claim. (Cl. 56—317)



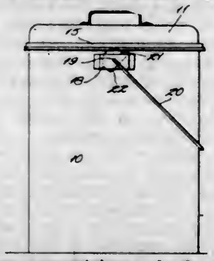
In combination with the swathboard of a mowing machine, an outwardly extending spindle supported by said swathboard, a wheel rotatably arranged on the spindle and having a substantially conical concavity in its outer face, the walls of which are provided with radiating teeth, a cover attached to the outer face of the wheel, an outwardly and rearwardly flaring shell carried by the cover and said cover having an opening therein which registers with the interior of the shell, a frustro-conical-shaped gear having a part located in the shell and a part in the concavity with its teeth engaging the teeth of the wheel, a rod on which the gear is journaled and the outer end of the spindle having a curved portion connecting with the inner end of the rod, outwardly flaring bars connected to the outer end of the gear and a transverse member having holes therein through which the bars extend.

2,123,125
HEAD LAMP FOR VEHICLES
Graham Trippe, Chicago, Ill.
Application November 11, 1936, Serial No. 110,324
6 Claims. (Cl. 240—41.5)



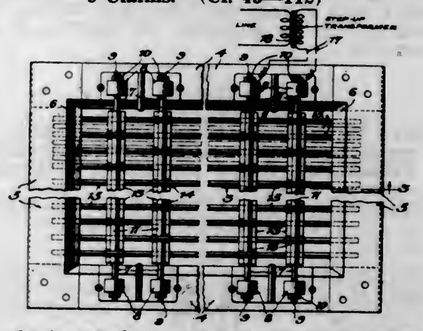
1. In combination with a head lamp for vehicles having a housing, a source of light, a reflector having a gasket around its outer edge, and a lens, a construction comprising a lens retaining ring having a V-shaped opening and a grooved portion holding a gasket, said lens being held between said gaskets, the V-shaped opening of said ring positioned substantially adjacent the top portion of said housing, and a cap removably fixed to the top portion of said housing placed over said V-shaped opening for holding the ring in place and permitting it to expand to form a seal against the gaskets and the housing.

2,123,126
GARBAGE CAN
Henry F. Urech, Beaumont, Tex.
Application July 7, 1937, Serial No. 152,430
1 Claim. (Cl. 220—56)



A container comprising a body open at its top and having an out-turned annular flange at the open top, the flange being notched, a lid or cover closing the open top of said body and having a marginal rim forming a seat for the flange on said body, a keeper lug projecting inwardly from the rim and adapted to pass through the notch in the flange on the body for latching engagement therewith, and a bail pivotally connected with the body and having means active upon the lug to move the same into latching position with the flange on the body and closing the notch in said flange, the said means including a cam having a flattened peripheral portion and turnable next to the notch in the flange for coacting with the lug on the rim of said lid or cover.

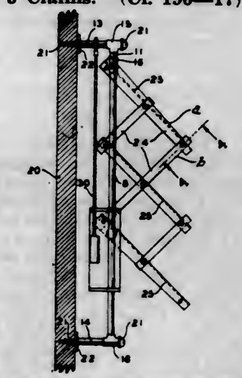
2,123,127
INSECT ELECTROCUTING DEVICE
Willis A. Whipple, Camp Lake, Wis., assignor to Robert Malcom, Chicago, Ill.
Application February 8, 1938, Serial No. 189,432
5 Claims. (Cl. 43—112)



1. An insect electrocuting device comprising a frame, insulators thereon, metallic supporting rods mounted and longitudinally movable in said insulators and disposed in substantially parallel pairs, the rods of one pair being connectible with a source of electric supply, metallic channel members embracing said rods formed with laterally-extending flanges having open-end oppositely-disposed seats, elongated electrodes disposed in substantially parallel relation to one another transversely of said rods having loops formed of the material thereof, the loops of alternate electrodes straddling the channel member of one of each of said pairs of rods and the loops of the other electrodes similarly being associated with the others of said pairs of rods, and means whereby said rods are adjusted longitudinally to vary the distance between adjacent electrodes.

2. An insect electrocuting device comprising supporting rods, channel members embracing said rods formed with open-end lateral oppositely-disposed seats, and elongated electrodes having loops straddling said members and disposed in said seats.

2,123,128
WINDOW SHADE
Malcolm P. Youker, Bartlesville, Okla.
Application June 9, 1937, Serial No. 147,313
3 Claims. (Cl. 156—17)



1. A window shade comprising a pair of spaced

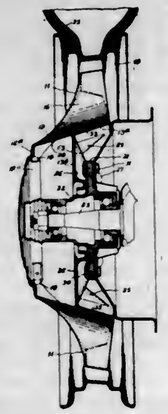
vertical guide rods, a pair of laterally spaced lazy-tong members pivotally mounted at their upper ends and adapted for vertical extension and retraction between said guide rods, shade members extending across and secured to said lazy-tongs, oppositely disposed yokes secured to said lazy-tongs at a point below said pivotal means and slidably engaging the respective guide rods, pulleys carried by said yokes, and an operating cord secured at one end at a fixed point adjacent the upper ends of said lazy-tongs and running over said pulleys, for adjusting the position of said lazy-tongs.

2,123,129

WHEEL

Oscar U. Zerk, Cleveland, Ohio, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania

Application August 1, 1931, Serial No. 554,482
13 Claims. (Cl. 301—9)



9. In a demountable wheel, a one-piece stamped sheet metal unit constituting integrally formed spokes and a deep conical outer hub of large diameter, the axially inner portions of which comprise the curved joinders between adjacent spokes and a single wheel attaching member having a conical portion axially relatively shallow as compared to the outer hub mounted within and secured to the axially inner end of the outer hub between the spokes, said wheel attaching member also having a radial portion constructed for coaction with securing elements for detachably connecting the wheel to an axle flange, said wheel attaching member constituting the sole support for the wheel.

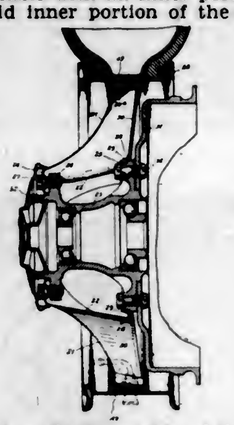
2,123,130

VEHICLE WHEEL

Oscar U. Zerk, Cleveland, Ohio, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania

Application September 8, 1931, Serial No. 561,541
11 Claims. (Cl. 301—9)

1. In combination, an inner hub, and a hub demountable wheel detachably secured thereto and comprising a rim, a spoke stamping composed of spokes secured to the rim at their outer ends and at their inner ends merging into and forming an outer hub, said outer hub having at its outer end a portion adapted to be bolted to an outer portion of the inner hub and having an inner portion engageable with an inner portion of the inner hub, said inner portion of the outer hub



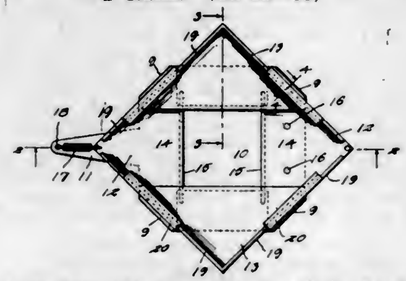
being extended on the inner side of the wheel to the rim and secured thereto.

2,123,131

JAW ASSEMBLY FOR VISES

Melmore Zugermayer, Southampton, Pa.

Application January 25, 1937, Serial No. 122,283
1 Claim. (Cl. 81—38)



A jaw assembly for a vise having a fixed jaw and a movable jaw, comprising opposed equilateral substantially triangular shaped sections, each having an upturned outer edge flange, a flat sided bed plate having the said sections superimposed thereon and provided with beveled corners and a relatively large square shaped center opening, an outwardly tapered extension formed on said bed plate, a coiled retractile spring having connection with said extension and one of the sections, guides formed on the outer edge flanges of a pair of the opposed sections and adjustably interfitting the flanges of the remaining opposed sections for effecting a four-jaw assembly, and downwardly extending abutment wings engaged through the center opening of the bed and for contact with the jaws of the vise when interposed therebetween, one wing being carried by the section having the spring attached thereto and the other wing carried by the section opposed thereto.

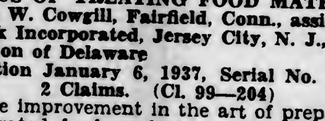
2,123,132

LUG STRAP

W. Irving Bullard, Danielson, Conn., assignor to E. H. Jacobs Manufacturing Company, Danielson, Conn.

Application April 10, 1936, Serial No. 73,668
1 Claim. (Cl. 139—153)

A lug strap formed with a rounded heel portion and forwardly extending parallel arms, a heel plug fitted within said heel portion and between the said arms, the striking face of said plug having its extreme forward portion at the intersection of the plug and the uppermost part



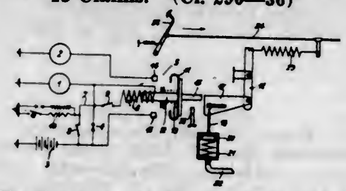
of the arms, said striking face extending from said forward point downwardly and rearwardly in the form of an arc with no part of said arc forwardly of its top portion, whereby chattering is eliminated in the operation of the lug strap.

2,123,133

APPARATUS FOR SWITCHING ON THE STARTER OF AN INTERNAL COMBUSTION ENGINE

Albert Callsen, Stuttgart-Botnang, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, a corporation of Germany

Application January 25, 1937, Serial No. 122,261
In Germany February 1, 1936
15 Claims. (Cl. 290—36)



15. Starting apparatus for internal combustion engines comprising a switch controlling a starter circuit, means for initially operating said switch, means responsive to engine operation for holding said switch in closed position independently of said operating means after initial operation and for releasing said switch after starting of the engine, and means responsive to engine operation controlling said operating means.

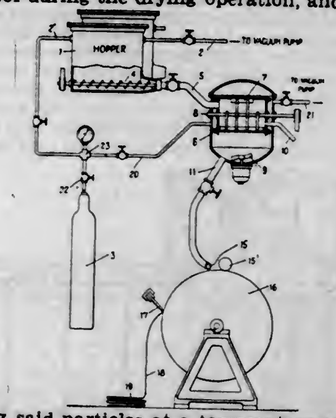
2,123,134

PROCESS OF TREATING FOOD MATERIALS

William W. Cowgill, Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J., a corporation of Delaware

Application January 6, 1937, Serial No. 119,186
2 Claims. (Cl. 99—204)

2. The improvement in the art of preparing a concentrated food product of reduced moisture content from material of cellular formation, which comprises charging the material, softened by cooking if necessary, into a closed receptacle, evacuating the receptacle, thereafter filling it with an inert atmosphere, withdrawing the material from the receptacle without admitting air thereto and passing it out of contact with air to a second receptacle in which air has been replaced by an inert atmosphere and in said receptacle converting the material into a pulp containing finely divided particles of cellular material all without access of air thereto, withdrawing said material from said receptacle through a closed passage terminating in close proximity to a heated drying surface and then distributing the material over said surface to substantially separate said particles thereon so that each particle will be subjected to a substantially equal amount of heat, subjecting the particles in dispersed condition to heat sufficient to reduce the moisture content to a predetermined point so quickly as to forestall substantial oxidation thereof during the drying operation, and consolidating said particles at a temperature such that the constituent binding substances of the original material will hold said particles together.

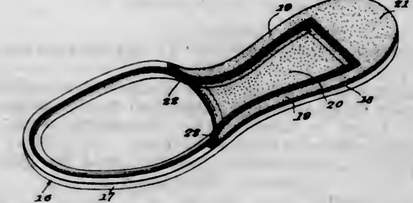


2,123,135

SHOE CONSTRUCTION

Charles Leo Daly, Belmont, Mass., assignor to Daly Bros. Shoe Co. Inc., Boston, Mass., a corporation of Massachusetts

Application September 22, 1937, Serial No. 165,135
5 Claims. (Cl. 36—14)



1. A shoe, comprising upper materials, a heel, a midsole, and a composite rubber outsole including an outer or wear layer of substantial thickness and an inner layer of reduced thickness and contrasting color extending forwardly over the rear portion of the outsole and terminating at substantially the rear edge of the midsole, said inner layer presenting in the shank region of the shoe marginal edges which in color and thickness give the optical effect of being continuations of the midsole.

2,123,136

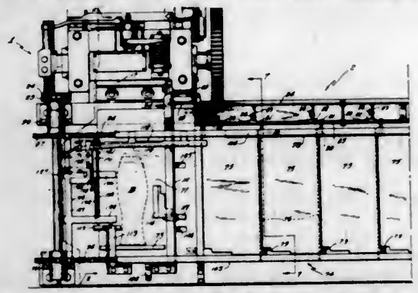
BLANK MEASURING AND DISTRIBUTING MACHINE

James J. Donovan, Arlington, Mass., assignor to North American Holding Corporation, Syracuse, N. Y., a corporation of New York

Application February 5, 1936, Serial No. 62,478
10 Claims. (Cl. 209—88)

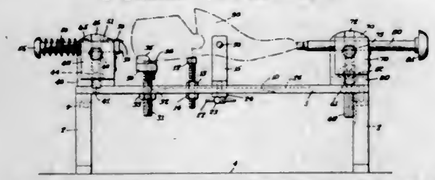
1. A machine of the class described comprising a conveyor having a carrier moving in a fixed path of travel, a plurality of unloading stations disposed in a series along said path of travel, means for measuring the thicknesses of successive blanks and for discharging the measured blanks on a supporting member disposed in said path of travel so that said carrier moves the blanks along said path, and means for causing the blanks to be discharged at different stations

according to their measured thicknesses, said means comprising a movable controller member associated with said measuring means and whose position relative to the path of travel of said carrier varies in accordance with the measured thickness of a blank discharged on said supporting member, a plurality of graduated abutments disposed along said path of travel one adjacent to each of said stations, an adjustable trip member mounted on said carriage and engageable



with said abutments to effect the discharge of a blank being moved by said carrier at a predetermined one of said stations, means for moving said trip member against said controller member as said trip member is passing by said control member, thereby to position it in accordance with the measured thickness of a blank being moved, and means for repositioning said trip member after it has passed the final unloading station.

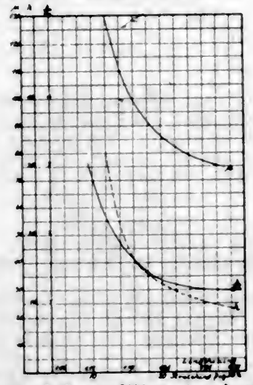
2,123,137
APPARATUS FOR USE IN REMODELING LASTS
Charles E. Harriman, West Bridgewater, and Edward C. Robinson, Brookville, Mass., assignors to Jones & Vining, Inc., Brockton, Mass., a corporation of Massachusetts
Application September 25, 1936, Serial No. 102,514
1 Claim. (Cl. 144—278)



Apparatus of the kind described adapted for remodeling lasts, consisting in a heel-engaging post having removable flanged supports and means for vertical adjustment of said post in a fixed horizontal position, an arch-engaging post longitudinally slidable relative to said heel-engaging support, and a side-gauging member fixed in length and height but adjustable longitudinally, in combination with adjustable and rotatable toe- and heel-engaging members.

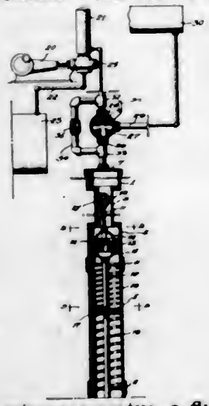
2,123,138
PRODUCTION OF MAGNETIZABLE MATERIALS
Hans Hiemenz, Hanau-on-the-Main, Germany
Application April 2, 1936, Serial No. 72,364
In Germany April 8, 1935
5 Claims. (Cl. 148—12)

1. The method of producing magnetizable materials consisting of nickel 35 to 60 parts besides iron 65 to 40 parts and having a constant and stable permeability, especially with high absolute values of the permeability, in the range of weak magnetic fields, which method consists in firstly cold-molding the magnetic material, which is, as usual in the art of cold molding, in a cast, hot-



rolled or annealed condition, to about 20 to 100 times its initial length, then annealing the material at a temperature exceeding 900° C. and finally cold-molding the same to 1.06 to 1.35 times its length.

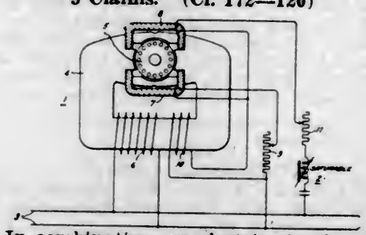
2,123,139
RODLESS PUMP
Walter N. Huff, Harwood, Tex.
Application May 21, 1936, Serial No. 81,111
2 Claims. (Cl. 103—44)



1. In a pumping apparatus, a fluid-tight tubing, means connecting the upper portion of said tubing alternately to a source of fluid pressure and to the atmosphere, a pressure cylinder of substantially less diameter connected to the lower end of said tubing, a piston having an aperture therein slidable in said cylinder, a check valve for closing said aperture on upward movement of said piston, a pumping cylinder of substantially greater diameter than said pressure cylinder secured to the lower end of said pressure cylinder, a valved pumping piston in said pumping cylinder, a rod connecting said pistons, a perforated cylinder, a collar securing said perforated cylinder to the lower end of said pumping cylinder, a lifting rod secured to said pumping piston and extending into said perforated cylinder, a perforated washer fixed on said lifting rod, a flanged collar fitted to the lower end of said perforated cylinder, a heavy spring surrounding

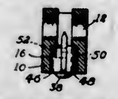
the lower part of said rod and bearing at one end against the flange on the lower collar and on the other end against the washer whereby on alternately opening communication with the source of fluid pressure and with the atmosphere fluid will be pumped from the tubing.

2,123,140
VOLTAGE SENSITIVE REVERSIBLE MOTOR
Orin P. McCarty, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application March 2, 1937, Serial No. 128,628
5 Claims. (Cl. 172—120)



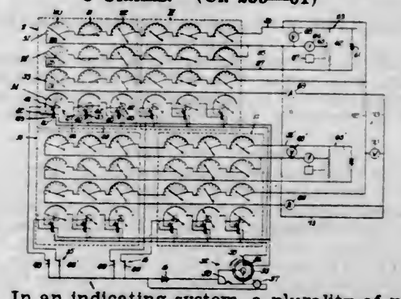
1. In combination, an electric circuit, an electric motor having a main field winding and a pair of opposed cross-field windings the relative strength of whose energizations determines the direction of rotation of said motor, means for connecting all of said windings to be energized in accordance with the voltage of said circuit, non-linear volt-ampere characteristic means connected in circuit with one of said opposed cross-field windings, and adjustable means for changing the relative strength of the energizations of said windings independently of the non-linear action of said non-linear means.

2,123,141
FISHING REEL
Edward J. McMahon, Bronson, Mich., assignor to Bronson Reel Company, Bronson, Mich., a corporation of Michigan
Application December 31, 1934, Serial No. 759,876
9 Claims. (Cl. 242—84.4)



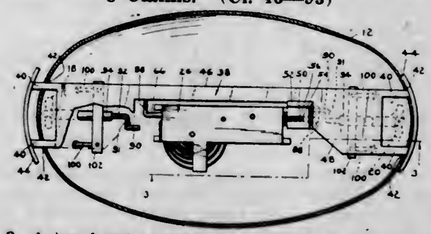
1. In a level winding attachment for fishing reels: a rotary shaft having direction-reversing propelling threads thereon; a carriage having a bore receiving said shaft and slidable along said shaft; line guiding means on said carriage; said carriage having a cylindrical bore at right angles to the shaft axis and intersecting said shaft axis; a pawl assembly including a holder having peripheral sliding contact with the cylindrical wall of said bore, and a blade supported by said holder; said blade having oppositely disposed thread engaging portions and being adjustably mounted in said holder to present different thread engaging portions in position to engage said threads, and retaining means removably assembled with said carriage to retain said holder against axial movement away from said shaft, removal of said retaining means and holder permitting access to said blade to adjust the position of said blade with respect to the holder and present a different thread engaging portion to said propelling threads, said retaining means permitting said holder to rotate about its own axis to permit said blade to follow said threads.

2,123,142
INDICATING AND CALCULATING SYSTEM
Archie J. McMaster, Highland Park, Ill., assignor to G-M Laboratories, Inc., Chicago, Ill.
Application September 19, 1932, Serial No. 633,719
5 Claims. (Cl. 235—61)



1. In an indicating system, a plurality of pairs of variable impedance devices, a first device of each pair being connected into a first series group and the second device of each pair being connected into a second series group, said groups being connected in series in a potentiometer circuit, means for varying each pair of impedance devices to simultaneously equally and oppositely vary each device thereof so as to vary the impedance of each group while maintaining the impedance of the potentiometer circuit constant, means for supplying a current to the potentiometer circuit and means for measuring the voltage across one of said series groups.

2,123,143
TOY
Samuel Fred Morris, New York, N. Y., and Fukuo Kuramochi, Tokyo, Japan, assignors to Louis Wolf & Co. Inc., New York, N. Y., a corporation of New York
Application June 21, 1937, Serial No. 149,282
8 Claims. (Cl. 46—93)



8. A toy boat comprising a body, a motor carried thereby, a rotary shaft actuated by said motor and mounted for movement longitudinally in said body, tubes carried by said body at the opposite ends thereof and projecting through the walls of said body, rotary shafts mounted in said tubes and projecting through the latter, a propeller fixed to the outer end of each of said last mentioned shafts, the inner end of each of said propeller shafts having means constructed and arranged for operative engagement by said motor actuated shaft, said motor actuated shaft having a disk fixed thereto means including a pivoted lever having one end thereof engageable with said disk for moving said motor actuated shaft longitudinally to disengage the latter from one of said propeller shafts and then engage the same with the other of said propeller shafts, and obstacle actuated means carried by said body and movable therein for moving said motor actuated shaft longitudinally in said body for disengaging

it from one of said propeller shafts and engaging it with the other of said propeller shafts, said last mentioned means being operatively connected to the other end of said lever.

2,123,144

APPARATUS FOR ELEVATED TEMPERATURE SERVICE

Harold D. Newell, Beaver Falls, Pa., assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa., a corporation of Pennsylvania

No Drawing. Application May 5, 1936, Serial No. 77,969
4 Claims. (Cl. 196—133)

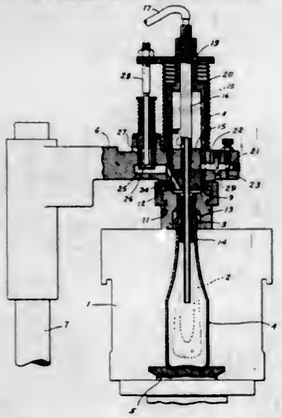
1. A tube or other container or part thereof for use at temperatures of the order of 1000° F. in heating fluids under high pressure, composed of an alloy substantially free of aluminum containing from 8 to 10.50 percent of chromium, from about 1.2 to about 2 percent of molybdenum, and not over 0.15 per cent of carbon, with the balance principally iron.

2,123,145

DEVICE FOR BLOWING AND COOLING GLASSWARE

Karl E. Peiler, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Application October 30, 1936, Serial No. 108,394
7 Claims. (Cl. 49—18)



1. A device for blowing and internally cooling hollow articles of glassware in a mold comprising a casing, a blow head supported by said casing and adapted for air-tight engagement with said mold, a conduit for supplying blowing air through said casing and blow head to blow an article in said mold, an exhaust passage in said casing communicating with the interior of said article, a normally closed valve in said passage, and timing means acting automatically after the application of blowing air has been maintained in said article for a predetermined period of time for opening said valve to exhaust air from said article to effect internal cooling thereof.

2,123,146

RUBBER BLADED FAN

Edward S. Preston, Chicago, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application August 7, 1936, Serial No. 94,775
5 Claims. (Cl. 170—159)

1. An impeller of the class in which blades are supported by and project radially from a hub of molded material, a hub and stem assembly comprising a metal stem having its rearward portion constructed for attachment to a shaft coaxial with the stem; the stem having its forward part extending axially into and imbedded in the



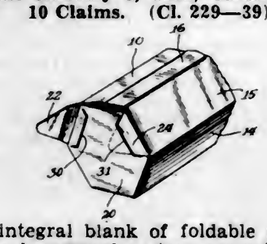
molded material of the hub, and having a portion of the said imbedded part shaped so that portions of the molded material in which the said portion is imbedded will prevent a relative movement of the hub with respect to the stem both longitudinally and rotationally of the stem.

2,123,147

HEXAGONAL CARTON

Donald A. Snyder, Neenah, Wis., assignor to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin

Application January 3, 1938, Serial No. 183,075
10 Claims. (Cl. 229—39)



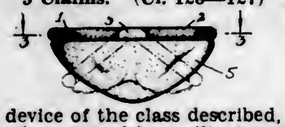
1. An integral blank of foldable material for forming a hexagonal carton, comprising a body portion having six panels for forming the sides of the carton, hexagonal inner closure flaps extending from each end of one of said panels and forming inner end closures for the ends of the carton, polygonal flaps extending from each end of two other of said panels, said polygonal flaps being adapted to be folded over into face contact with the said inner closure flaps, hexagonal outer closure flaps extending from each end of another of said panels, said outer closure flaps being provided with slits for receiving locking tongues, and locking tongues extending from each end of two other of said panels adapted to be inserted in said slits for locking the outer closure flaps.

2,123,148

PESSARY

William M. Findley, New York, N. Y., assignor to Daue Surgical Appliance Corp., Roselle, N. J., a corporation of New Jersey

Application December 27, 1935, Serial No. 56,317
5 Claims. (Cl. 128—127)



1. In a device of the class described, rigid side frame members joined by resilient portions normally holding said side members in extended position to provide a rigid support in a longitudinal direction while permitting the said side members to be manipulated and folded together, and a diaphragm secured to said frame and collapsibly depending therefrom to form a cup-shaped portion,

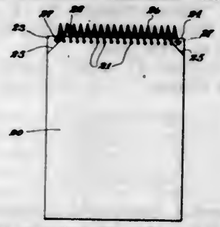
the edge portion of said diaphragm being held tightly between said rigid side members when folded together and forms a closed envelope.

2,123,149

SPIRAL BINDING

Walter Grumbacher, New York, N. Y.

Application August 18, 1936, Serial No. 96,572
13 Claims. (Cl. 281—25)
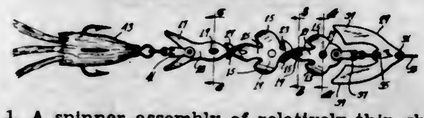


1. A binding construction for a stack of sheets having a row of uniformly spaced perforations along one edge thereof, a relatively rigid backing adapted to overlie said stack, said backing having a row of uniformly spaced perforations adjacent one edge thereof, said respective perforations in the stack and the backing being adapted to register and to receive therewithin, in threaded relation, a spiral binding element, and said perforations in the backing extending beyond the perforations in the stack, a spiral binding element extending through the perforations of the stack and the backing so as to hold them together in bound relation, and at least one end of said element extending through an end perforation of said row of perforations in the backing, and means on said binding element positioned beyond the confines of the stack but within the confines of the backing for preventing disassociation of said binding element from the stack.

2,123,150

SPINNER

Karl R. Larson and Murray Ireland, St. Paul, Minn.; said Ireland assignor to said Larson

Application December 2, 1935, Serial No. 52,471
5 Claims. (Cl. 43—45)



1. A spinner assembly of relatively thin sheet material comprising a rotor having a plurality of connected longitudinally-alined spaced elements, each element including a relatively narrow central rib-portion and a pair of laterally-spaced lobes, each rib-portion having a twist of substantially 90° therein, the twists in successive rib-portions being in the same direction, the lobes having bends therein cooperating to form an extended helical screw propeller and successive pairs of lobes being displaced laterally by substantially 90° from each other.

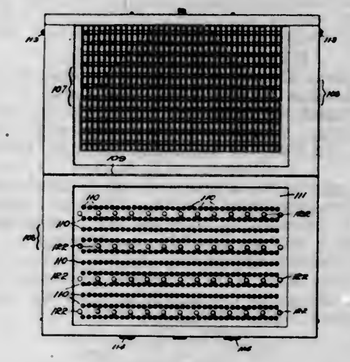
2,123,151

METHOD OF PHOTOGRAPHICALLY RECORDING VOTING MACHINE INDICATIONS

William H. Petit, Dayton, Ohio, and Edson S. Hineline, Rochester, N. Y., assignors to Folmer Graflex Corporation, Rochester, N. Y., a corporation of Delaware

Application August 13, 1934, Serial No. 739,574
2 Claims. (Cl. 235—50)

1. That method of forestalling and preventing fraud by establishing for preservation a permanent, accurate, photographic record of the exact number of total votes that have been registered for each candidate and/or question voted on during a predetermined period of use by a relatively large number of voters upon a single voting machine displaying a large number of vote readings in a general rectangular arrangement, which method includes the following steps: exposing for photographic purposes the entire substantially rectangular face or part of a voting machine adapted to be used by a large number of voters during a single voting period (such as a day), which face or part has a substantially rectangular arrangement of indicators that separately register the votes for each candidate and/or question to be voted on during such single voting period; positioning in close proximity to the said face or part of the voting machine a sensitized



film having non-sensitized leader and trailer ends, the sensitized portions of said film approximating in a direction transverse to its lengthwise extent the corresponding dimension of the said exposed face of the voting machine; moving said film for successive exposures past a multiplicity of photographic lenses adjacent thereto; photographing said face or part of the voting machine shortly prior to the commencement of the said voting period onto the portion of said film immediately succeeding the leading end thereof; again exposing for photographic purposes said entire face or part shortly following the close of said voting period; and again photographing but upon a succeeding part of said sensitized film, the resultant readings of the voting machine whereby, upon comparison of the said two photographic records, the total true vote for each candidate and/or question may be ascertained.

2,123,152

TREATMENT OF CELLULOSIC MATERIALS

Georges Rivat, Lyons, France, assignor to Henry Dreyfus, London, England

No Drawing. Application November 5, 1935, Serial No. 48,283. In France November 13, 1934
11 Claims. (Cl. 8—5)

1. Process of coloring textile materials, which comprises impregnating at least part of the material with reagents capable of reacting to yield a nitrogenous resin and then effecting formation of compound from said reagents on the material, and dyeing the materials by applying a dyestuff to at least a portion of the impregnated part at the earliest at the time of applying one of said reagents.

2,123,153

PRINTING AND OTHER TEXTILE TREATMENTS

Georges Rivat, Lyon, France, assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application March 28, 1936, Serial No. 71,449. In Great Britain April 4, 1935
11 Claims. (Cl. 8—17)

1. Process of producing colored ciré effects upon textile materials, which comprises applying a dyestuff to at least parts of the materials, impregnating a portion only of the dyestuff-bearing part of the material with reagents capable of conversion into a nitrogenous resin by the action of heat, imparting a ciré finish to the material by calendering, completing the formation of the said resin from said reagents by heating, and thereafter removing dyestuff and ciré finish from parts of the material free from resin.

2,123,154

DYEING OF TEXTILES

Erik Schirm, Dessau, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application July 11, 1933, Serial No. 679,890. In Germany July 12, 1932
4 Claims. (Cl. 8—5)

1. A process for dyeing cellulosic fibers which comprises producing on the fiber an insoluble salt of a substantive dyestuff and a substantive quaternary ammonium base containing at least two quaternary ammonium groups and a system of no less than 8 conjugated non-interrupted double linkings in its molecule, whereby dyeings fast to washing are obtained.

2,123,155

COMPOSITE MATERIAL

Frazier Groff, Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

No Drawing. Application July 15, 1931, Serial No. 551,061
6 Claims. (Cl. 154—43)

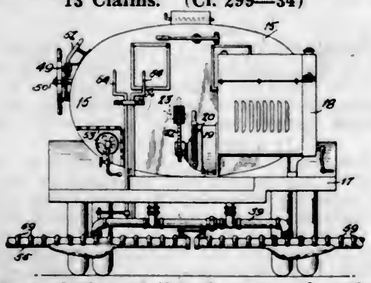
1. A composite material comprising an infusible thermo-setting resin firmly united to a vinyl resin through an intermediate bonding surface comprising a thermo-setting resin modified by the incorporation therewith of another resinous material to which said vinyl resin is adherent.

2,123,156

ASPHALT DISTRIBUTOR

Walker M. Jagoe, Denton, Tex., assignor of one-half to Grover S. Campbell, Dallas, Tex.

Application June 14, 1934, Serial No. 730,676
13 Claims. (Cl. 299—34)



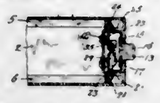
1. In a device of the character described, a spray bar for liquids comprising an elongated hollow bar, means to admit liquid through the lower wall of said bar, and a plurality of spray nozzles communicating with the upper portion of said bar through the upper portion thereof.

2,123,157

CONTAINER FOR CIGARETTES AND OTHER ARTICLES

Karl Kastel, White Plains, N. Y., assignor to Gutenstein Brothers, Inc., New York, N. Y., a corporation of New York

Application August 21, 1937, Serial No. 160,201
4 Claims. (Cl. 220—55)



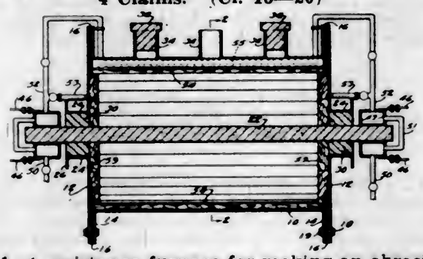
2. In a case, for cigarettes or other articles, two hinged sections, each section being adapted to move with respect to the other section, a lock for each section, a finger piece, positioned in the forward wall of the case and adapted to slide with respect to said locks, said finger piece and locks being spaced apart, an independent, gravity operated control, said control comprising a pivoted pendulum-like member, one portion thereof extending between said finger piece and one of said locks and held therebetween by the opposite weighted portion of said pendulum-like member, said pendulum-like member, when the position of the case is reversed, moving on its pivot and interposing one end thereof in alignment with the other lock.

2,123,158

ELECTRIC FURNACE STRUCTURE FOR MAKING ABRASIVE METAL CARBIDES

Raymond R. Ridgway, Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application November 21, 1935, Serial No. 50,932
4 Claims. (Cl. 13—20)



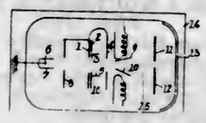
1. A resistance furnace for making an abrasive metal carbide by the electrical synthesis of a granular charge of an abrasive metal oxide and carbon comprising a metal peripheral wall and annular end walls forming a substantially closed casing for holding said charge, a resistor rod passing centrally through the charge in the casing and projecting outwardly through and supported by the end walls, water cooled electric terminals on the ends of the rod, insulation arranged to prevent the electric current from being short circuited through the casing, means forming a closable gas exit through the top of the casing which permits escape of generated gases and may be closed during the cooling stage to prevent the admission of air to the charge, and means including valved pipes for applying a variable stream of water to the peripheral and end walls of the casing and controlling the temperature of the outer zone of the charge.

2,123,159

ELECTRONIC TUBE

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application July 24, 1934, Serial No. 736,703
In Germany July 26, 1933
4 Claims. (Cl. 250—27.5)



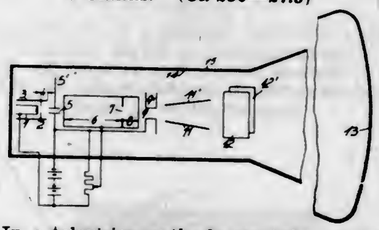
1. An electron-discharge device comprising means including an elongated electron source for producing a substantially unidirectional stream of electrons having an elongated cross-section, an electron-optical system for producing a sharp electron image of said source, comprising electrodes adapted to produce, if supplied with relatively different potentials, fields having substantially no component in a direction parallel to the main direction of said elongated source, so that the cross-section of said stream is substantially influenced by these fields only in a direction which forms right angles with the axis of said stream and with the main direction of said source, and means for laterally deflecting said electron stream.

2,123,160

BRAUN TUBE FOR TELEVISION PURPOSES

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application April 15, 1935, Serial No. 16,431
In Germany April 20, 1934
7 Claims. (Cl. 250—27.5)



1. In a television cathode ray tube comprising means for producing a beam of cathode rays, means for controlling the intensity of the beam of cathode rays, and an image screen, the combination of an electron lens adapted to focus, in the absence of a gas-filling, said beam onto said image screen to produce an image point on a scale of optical reproduction by which a larger size of image point is obtained than is desired, with a gas-filling having a pressure of $5 \cdot 10^{-6}$–10^{-5} mm. mercury which is lower than that necessary for concentrating the beam of cathode ray at every occurring intensity of the beam.

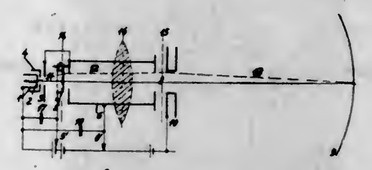
2,123,161

TELEVISION TUBE

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application June 22, 1936, Serial No. 86,608
In Germany June 25, 1935
10 Claims. (Cl. 250—27)

1. A cathode ray tube, more particularly for television purposes, comprising means including a cathode for producing a beam of electrons, an image screen, a first electron-optical lens disposed between said cathode and said screen and adapted to produce a virtual electron optical image of a cross-sectional portion of said beam situated adjacent to said cathode, a second electron-optical lens disposed between said first lens and said screen and adapted to produce on said screen a sharp real electron-optical image of the virtual electron-optical image produced by said first lens, and electron deflecting means for causing this real image to sweep over said screen.

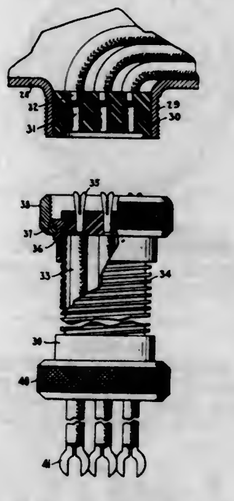


2,123,162

RADIO SHIELDING OF ENGINE IGNITION

R. Harry Stone, Bound Brook, N. J., assignor to Titeflex Metal Hose Co., a corporation of New Jersey

Original application January 23, 1936, Serial No. 60,425. Divided and this application April 6, 1938, Serial No. 200,349
9 Claims. (Cl. 123—148)

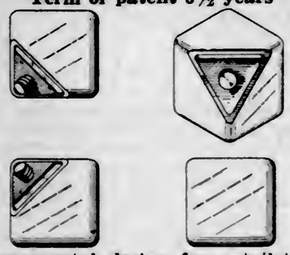


1. The combination with a manifold for the ignition conductors of an internal combustion engine, said manifold adapted to embrace the engine shaft, of spark plug leads leading from the said manifold to the spark plugs and magneto leads establishing connection between the said manifold and a magneto, said manifold providing a radio shielding casing for the ignition conductors, said manifold having an insulated contact mounted in its wall, a spark plug lead terminating in a contact adapted to engage with the aforesaid contact mounted in said manifold, a radio shielding conduit for the last mentioned lead and a coupling for detachably securing said conduit to said manifold.

DESIGNS

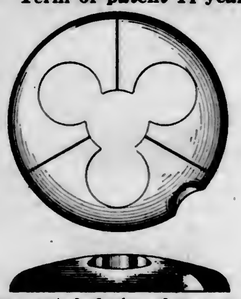
JULY 5, 1938

110,333
DESIGN FOR A TOILET BOTTLE
Iuliu Aizic, New York, N. Y.
Application April 13, 1938, Serial No. 76,469
Term of patent 3½ years



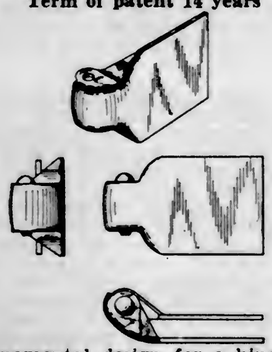
The ornamental design for a toilet bottle as shown.

110,334
DESIGN FOR A QUOIT OR SIMILAR ARTICLE
William Anthony, Hanover, Pa.
Application November 17, 1937, Serial No. 72,953
Term of patent 14 years



The ornamental design for a quoit or similar article, as shown.

110,335
DESIGN FOR A HINGE
James T. Atwood, Rockford, Ill.
Application April 4, 1938, Serial No. 76,263
Term of patent 14 years



The ornamental design for a hinge substantially as shown.

110,336
DESIGN FOR A MOUTHPIECE FOR PIPES OR THE LIKE
Walter William Barling, Camden Town, London, England, assignor to the firm B. Barling & Sons, London, England, a firm composed of Walter Frederick Barling, Montague Henry Barling, and himself as partners
Application August 20, 1937, Serial No. 71,219
In Great Britain April 26, 1937
Term of patent 14 years



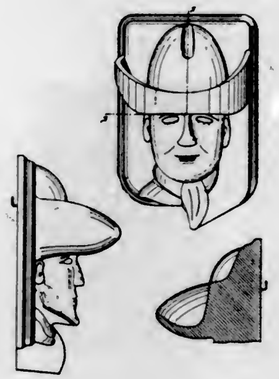
The ornamental design for a mouthpiece for pipes or the like substantially as shown and described.

110,337
DESIGN FOR A TANK BULB
Nathan Becker, New York, N. Y.
Application March 19, 1938, Serial No. 75,968
Term of patent 14 years



The ornamental design for a tank bulb as shown.

110,338
DESIGN FOR A WALL-PLAQUE ASHTRAY
Mark J. Bennett, Denver, Colo.
Application April 30, 1938, Serial No. 76,898
Term of patent 14 years



The ornamental design for a wall-plaque ashtray, as shown.

110,339
DESIGN FOR A KNITTED LOOPED FABRIC
Jesse W. Bettmann, New York, N. Y.
Application February 26, 1938, Serial No. 75,432
Term of patent 3½ years



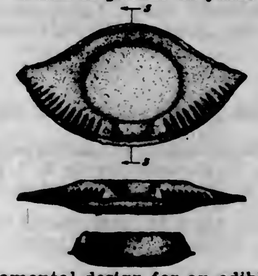
The ornamental design for a knitted looped fabric substantially as shown and described.

110,340
DESIGN FOR A TEXTILE FABRIC
Louis J. Brenner, New York, N. Y.
Application June 1, 1938, Serial No. 77,493
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

110,341
DESIGN FOR AN EDIBLE CONTAINER OR THE LIKE
William H. Carter and James R. Rudderforth, Washington, D. C.
Application February 3, 1938, Serial No. 74,848
Term of patent 14 years



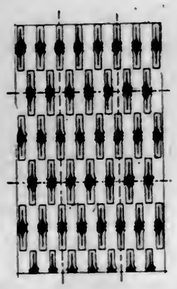
The ornamental design for an edible container or the like, as shown and described.

110,342
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR THE LIKE
Michael Chernow, Brooklyn, N. Y.
Application March 8, 1938, Serial No. 75,666
Term of patent 7 years



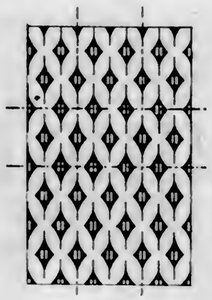
The ornamental design for an alphabet for forming monograms or the like, substantially as shown.

110,343
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,866
Term of patent 7 years



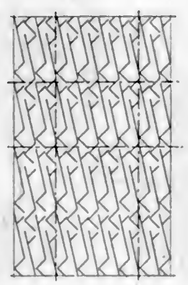
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,344
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,867
Term of patent 7 years



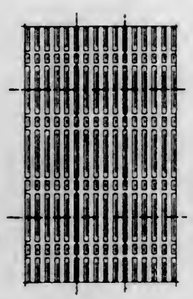
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,345
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,868
Term of patent 7 years



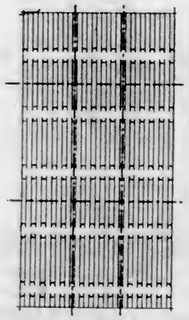
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,346
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,870
Term of patent 7 years



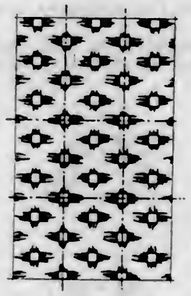
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,347
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,871
Term of patent 7 years



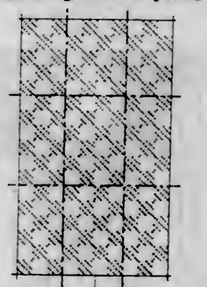
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,348
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,873
Term of patent 7 years



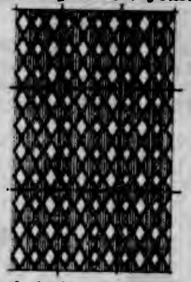
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,349
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,874
Term of patent 7 years



The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,350
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Eugene A. Dunn, Arlington, and Edward C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,877
Term of patent 7 years



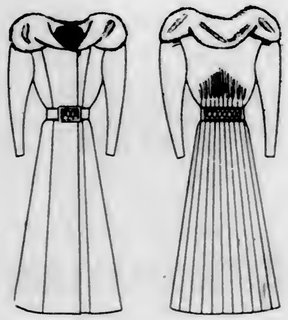
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,351
DESIGN FOR A COMBINED GLOBE AND MOUNTING
Raymond R. Dupler, Toledo, Ohio
Application May 24, 1937, Serial No. 69,519
Term of patent 7 years



The ornamental design for a combined globe and mounting as shown.

110,352
DESIGN FOR A COAT
Max Feld, New York, N. Y.
Application June 8, 1938, Serial No. 77,673
Term of patent 3½ years



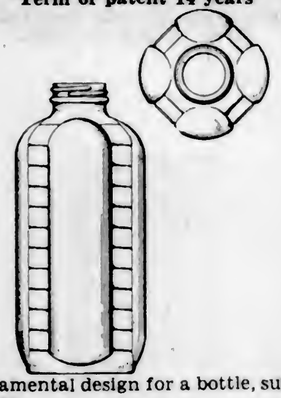
The ornamental design for a coat substantially as shown and described.

110,353
DESIGN FOR A DOLL OR SIMILAR ARTICLE
Le Ray Fowler, New York, N. Y.
Application April 7, 1938, Serial No. 76,355
Term of patent 3½ years



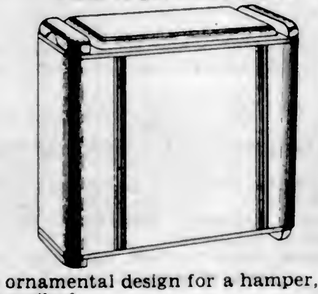
The ornamental design for a doll or similar article, substantially as shown.

110,354
DESIGN FOR A BOTTLE
Brooks D. Fuerst, Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application May 20, 1938, Serial No. 77,300
Term of patent 14 years



The ornamental design for a bottle, substantially as shown.

110,355
DESIGN FOR A HAMPER
Harold Gleitsman, New York, N. Y.
Application February 4, 1938, Serial No. 74,868
Term of patent 14 years



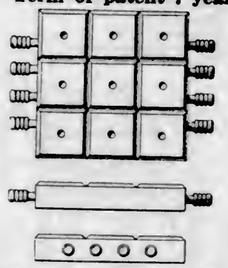
The ornamental design for a hamper, as shown and described.

110,356
DESIGN FOR A LUMINAIRE
Joseph W. Gosling, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application November 26, 1937, Serial No. 73,201
Term of patent 14 years



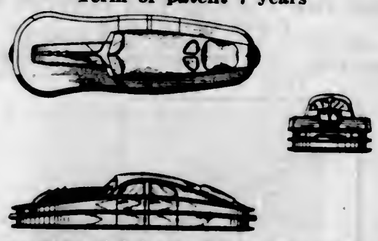
The ornamental design for a luminaire, as shown and described.

110,357
DESIGN FOR A TIT-TAT-TOE GAME DEVICE
William C. Horn, Orange, N. J., assignor to W. C. Horn, Bro. & Co., Newark, N. J., a corporation of New Jersey
Application March 26, 1938, Serial No. 76,113
Term of patent 7 years



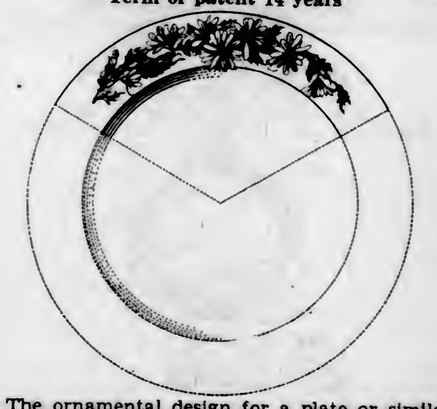
The ornamental design for a tit-tat-toe game device as shown.

110,358
DESIGN FOR AN AUTOMOBILE BODY
Trenor P. Judd, Cairo, Ill.
Application November 6, 1937, Serial No. 72,661
Term of patent 7 years



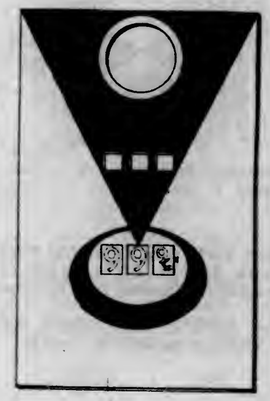
The ornamental design for an automobile body substantially as shown.

110,359
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Augustus J. Koch, Syracuse, N. Y., assignor to Onondaga Pottery Company, Syracuse, N. Y., a corporation of New York
Application December 1, 1937, Serial No. 73,300
Term of patent 14 years



The ornamental design for a plate or similar article, substantially as shown and described.

110,360
DESIGN FOR A REGISTER DIAL PLATE FOR DISPENSING PUMPS
Edwin C. Mayer, New York, N. Y., assignor to Neptune Meter Company, Long Island City, N. Y., a corporation of New Jersey
Application April 2, 1937, Serial No. 68,531
Term of patent 7 years



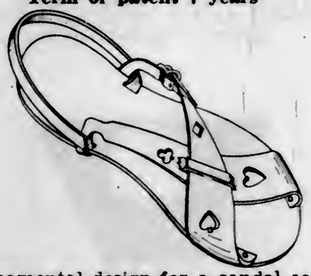
The ornamental design for a register dial plate for dispensing pumps, substantially as shown and described.

110,361
DESIGN FOR A PRICE AND TRANSACTION REGISTER DIAL PLATE FOR DISPENSING PUMPS
Edwin C. Mayer, New York, N. Y., assignor to Neptune Meter Company, Long Island City, N. Y., a corporation of New Jersey
Application April 2, 1937, Serial No. 68,532
Term of patent 7 years



The ornamental design for a price and transaction register dial plate for dispensing pumps substantially as shown and described.

110,362
DESIGN FOR A SANDAL
Jack Oliphant, Toronto, Ontario, Canada
Application November 8, 1937, Serial No. 72,698
In Canada July 9, 1937
Term of patent 7 years



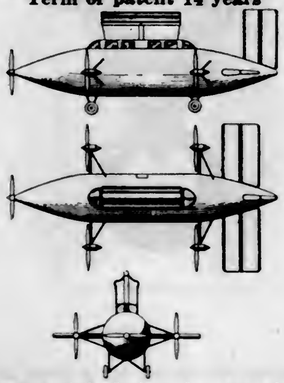
The ornamental design for a sandal as shown and described.

110,363
DESIGN FOR A SCOURING BRUSH
Albert Racicot, Aurora, Ill., assignor to National Brush Company, Aurora, Ill., a corporation of Illinois
Application April 6, 1938, Serial No. 76,314
Term of patent 3½ years



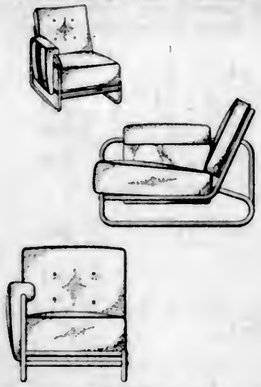
The ornamental design for a scouring brush, as shown.

110,364
DESIGN FOR AN AIRPLANE
John B. Reinhard and Lynn J. Koch, Allentown, Pa.
Application January 28, 1938, Serial No. 74,602
Term of patent 14 years



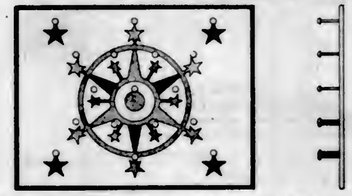
The ornamental design for an airplane, as shown.

110,365
DESIGN FOR A CHAIR
Irving Salomon, Chicago, Ill.
Application March 5, 1938, Serial No. 75,600
Term of patent 7 years



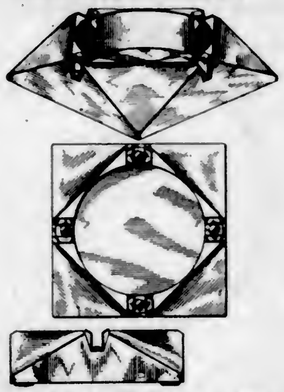
The ornamental design for a chair, as shown.

110,366
DESIGN FOR A BOARD FOR PLAYING THE GAME OF QUOITS
Edward G. Schumacher, Buffalo, N. Y.
Application April 29, 1938, Serial No. 76,864
Term of patent 7 years



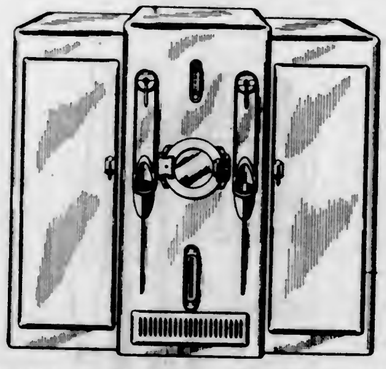
The ornamental design for a board for playing the game of quoits, as shown.

110,367
DESIGN FOR A TOBACCO ASH RECEPTACLE
Philip N. Sea, Chicago, Ill.
Application April 23, 1938, Serial No. 76,719
Term of patent 7 years



The ornamental design for a tobacco ash receptacle, substantially as shown.

110,368
DESIGN FOR A CLEANING CABINET
Leslie E. Soderquist, Akron, Ohio, assignor to National Rubber Machinery Co., Akron, Ohio, a corporation of Ohio
Application November 8, 1937, Serial No. 72,706
Term of patent 7 years



The ornamental design for a cleaning cabinet, as shown and described.

110,369
DESIGN FOR A TEXTILE FABRIC
Max Sokoloff, Woodmere, N. Y.
Application June 1, 1938, Serial No. 77,488
Term of patent 3½ years

The ornamental design for a textile fabric substantially as shown.

110,370
DESIGN FOR A COAT
Max P. Sonberg, New York, N. Y.
Application June 6, 1938, Serial No. 77,616
Term of patent 3½ years



The ornamental design for a coat substantially as shown.

110,371
DESIGN FOR A COAT
Max P. Sonberg, New York, N. Y.
Application June 6, 1938, Serial No. 77,617
Term of patent 3½ years



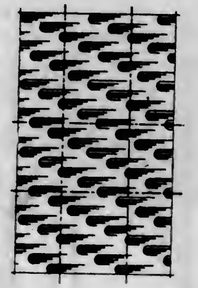
The ornamental design for a coat substantially as shown.

110,372
DESIGN FOR A COAT
Max P. Sonberg, New York, N. Y.
Application June 6, 1938, Serial No. 77,618
Term of patent 3½ years



The ornamental design for a coat substantially as shown and described.

110,373
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Ralph T. Teetsel, Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,880
Term of patent 7 years



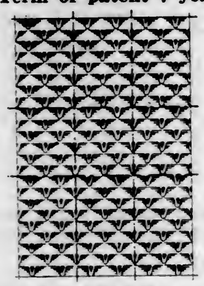
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,374
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Ralph T. Teetsel, Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,881
Term of patent 7 years



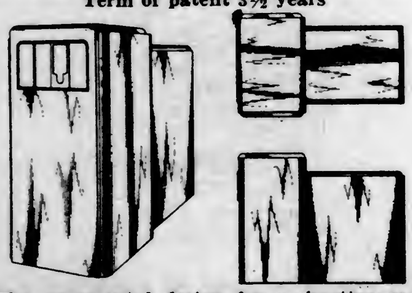
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,375
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Ralph T. Teetsel, Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 29, 1938, Serial No. 76,882
Term of patent 7 years



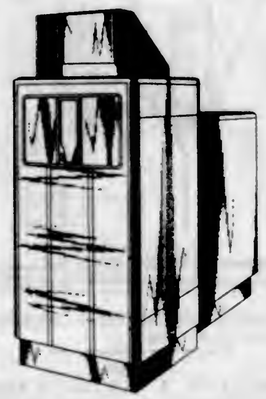
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

110,376
DESIGN FOR A SHOOTING RANGE CABINET
George Walker, Detroit, Mich., assignor to Tru-Shot Corporation, Detroit, Mich., a corporation of Michigan
Application January 24, 1938, Serial No. 74,508
Term of patent 3½ years



The ornamental design for a shooting range cabinet substantially as shown.

110,377
DESIGN FOR A SHOOTING RANGE CABINET
George Walker, Detroit, Mich., assignor to Tru-Shot Corporation, Detroit, Mich., a corporation of Michigan
Application March 21, 1938, Serial No. 75,989
Term of patent 14 years



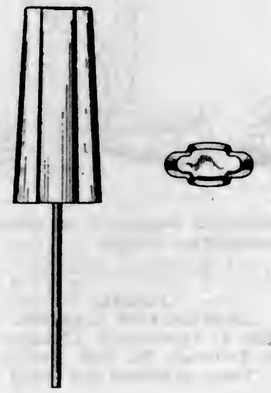
The ornamental design for a shooting range cabinet substantially as shown and described.

110,378
DESIGN FOR A WOVEN TEXTILE FABRIC
John L. Walther, New York, N. Y.
Application March 18, 1938, Serial No. 75,911
Term of patent 3½ years



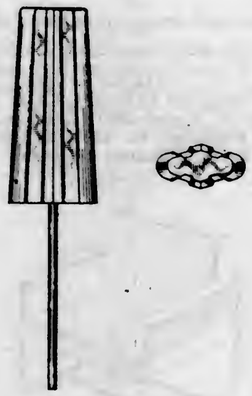
The ornamental design for a woven textile fabric, substantially as shown and described.

110,379
DESIGN FOR A FROZEN CONFECTION
Warren S. Watts, Montclair, N. J., assignor to Eskimo Pie Corporation, Bloomfield, N. J., a corporation of Delaware
Application March 19, 1938, Serial No. 75,971
Term of patent 14 years



The ornamental design for a frozen confection, as shown.

110,380
DESIGN FOR A FROZEN CONFECTION
Warren S. Watts, Montclair, N. J., assignor to Eskimo Pie Corporation, Bloomfield, N. J., a corporation of Delaware
Application March 19, 1938, Serial No. 75,972
Term of patent 14 years



The ornamental design for a frozen confection, as shown.

110,381
DESIGN FOR A SHOE
Ben Weiner, Brookline, Mass.
Application March 30, 1938, Serial No. 76,174
Term of patent 3½ years



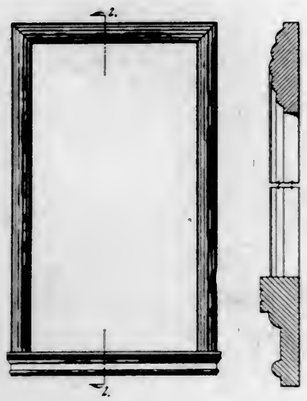
The ornamental design for a shoe, as shown.

110,382
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application April 22, 1938, Serial No. 76,693
Term of patent 3½ years



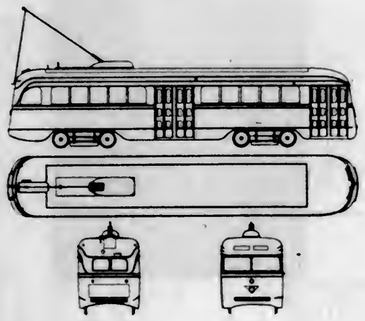
The ornamental design for a textile fabric or similar article, as shown and described.

110,383
DESIGN FOR A TRIM FOR A DOOR OR WINDOW FRAME OR THE LIKE
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,255
Term of patent 7 years



The ornamental design for a trim for a door or window frame or the like substantially as shown.

110,384
DESIGN FOR A RAIL CAR OR SIMILAR ARTICLE
Dan H. Bell, Pittsburgh, Pa., assignor to Transit Research Corporation, New York, N. Y., a corporation of New York
Application January 8, 1937, Serial No. 66,952
Term of patent 3½ years



The ornamental design for a rail car or similar article, as shown and described.

110,385
DESIGN FOR AN ADVERTISING DEVICE
Walter D. Brookings, Jr., Alexandria, Va.
Application April 14, 1938, Serial No. 76,504
Term of patent 14 years



The ornamental design for an advertising device substantially as shown.

110,386
DESIGN FOR A CHAIR
James F. Eppenstein, Chicago, Ill.
Application February 28, 1938, Serial No. 75,470
Term of patent 3½ years



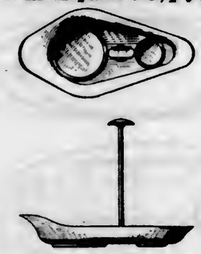
The ornamental design for a chair, as shown.

110,387
DESIGN FOR A CHAIR
James F. Eppenstein, Chicago, Ill.
Application February 28, 1938, Serial No. 75,471
Term of patent 3½ years



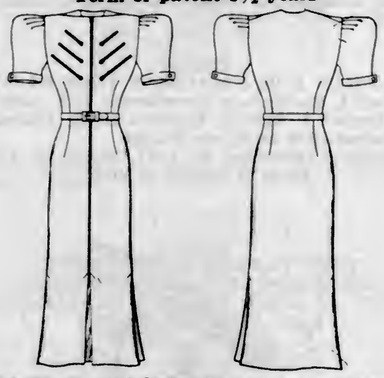
The ornamental design for a chair, as shown.

110,388
DESIGN FOR A SERVING TRAY
Louis Farber, Yonkers, N. Y.
Application March 21, 1938, Serial No. 75,994
Term of patent 3½ years



The ornamental design for a serving tray substantially as shown.

110,389
DESIGN FOR A DRESS
Meyer Finkelstein, University City, Mo.
Application February 17, 1938, Serial No. 75,209
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,390
DESIGN FOR A HINGED HASP
Sydney D. Friedman, Bronx, N. Y.
Application May 5, 1938, Serial No. 77,019
Term of patent 7 years



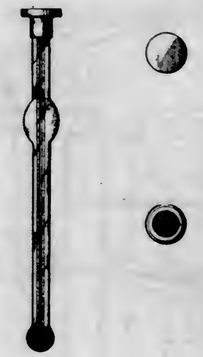
The ornamental design for a hinged hasp as shown.

110,391
DESIGN FOR A TRAY
William Garten, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application April 28, 1938, Serial No. 76,793
Term of patent 7 years



The ornamental design for a tray substantially as shown.

110,392
DESIGN FOR A THERMOMETER
Lena Karlen, New York, N. Y.
Application April 13, 1938, Serial No. 76,484
Term of patent 7 years



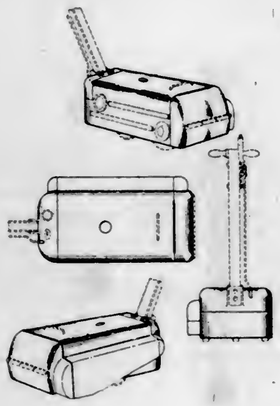
The ornamental design for a thermometer, as shown.

110,393
DESIGN FOR A PLATFORM SCALE
Claude R. Kirk, River Forest, Ill.
Application April 7, 1938, Serial No. 76,357
Term of patent 14 years



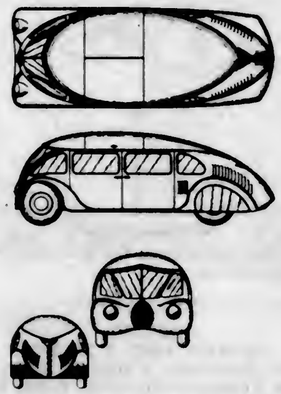
The ornamental design for a platform scale, as shown and described.

110,394
DESIGN FOR A MACHINE FOR SURFACING AND POLISHING FLOORS
Richard F. Kneisley and Robert E. Wolfe, Toledo, Ohio, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio, a corporation of Ohio
Application May 6, 1938, Serial No. 77,046
Term of patent 14 years



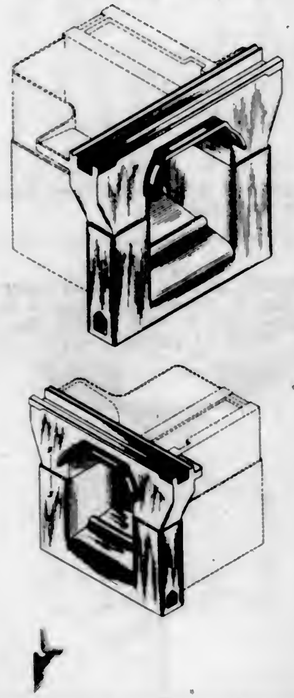
The ornamental design for a machine for surfacing and polishing floors, substantially as shown and described.

110,395
DESIGN FOR AN AUTOMOBILE
George H. Le Boeuf, Hammond, Ind.
Application November 11, 1936, Serial No. 65,844
Term of patent 14 years



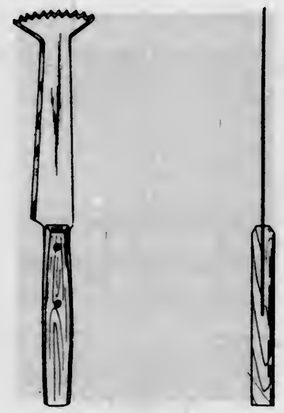
The ornamental design for an automobile as shown.

110,396
DESIGN FOR A MACHINE TOOL BASE
Maxwell I. Mathewson, Providence, R. I., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application December 20, 1937, Serial No. 73,764
Term of patent 14 years



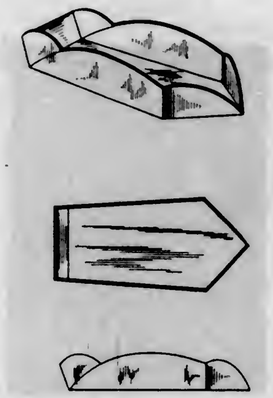
The ornamental design for a machine tool base substantially as shown and described.

110,397
DESIGN FOR A KNIFE
Elizabeth Morny, New York, N. Y.
Application May 21, 1938, Serial No. 77,334
Term of patent 3½ years



The ornamental design for a knife, substantially as shown.

110,398
DESIGN FOR A DISPLAY TRAY
Horace Lester Moseley, McAllen, Tex.
Application May 2, 1938, Serial No. 76,934
Term of patent 3½ years



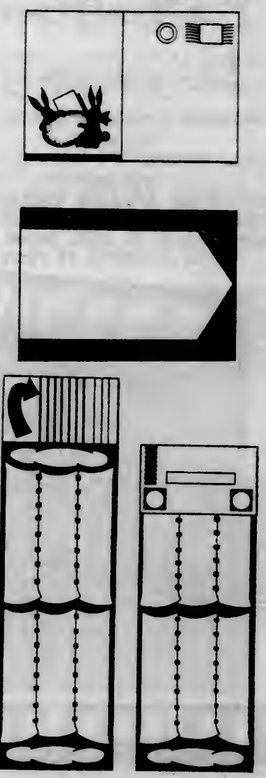
The ornamental design for a display tray, as shown.

110,399
DESIGN FOR A DRESS
Mary Mullen, Philadelphia, Pa., assignor to Rosenau Bros. Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application May 24, 1938, Serial No. 77,356
Term of patent 3½ years



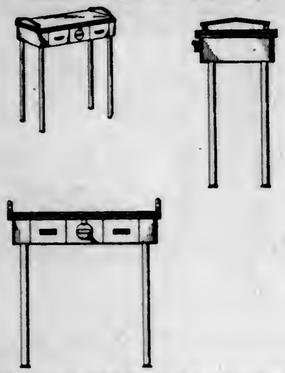
The ornamental design for a dress, as shown.

110,400
DESIGN FOR A COMBINED DISPLAY AND ORDER CARD
Gilbert J. Rhodes, New York, N. Y.
Application May 5, 1938, Serial No. 76,985
Term of patent 3½ years



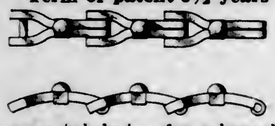
The ornamental design for a combined display and order card, substantially as shown.

110,401
DESIGN FOR A MANICURE TABLE
Irving Salomon, Chicago, Ill.
Application March 5, 1938, Serial No. 75,595
Term of patent 7 years



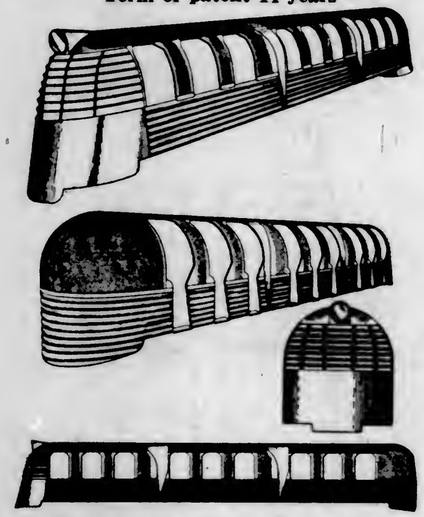
The ornamental design for a manicure table as shown.

110,402
DESIGN FOR A BRACELET CHAIN
John Sand, Newark, N. J.
Application May 13, 1938, Serial No. 77,165
Term of patent 3½ years



The ornamental design for a bracelet chain as shown.

110,403
DESIGN FOR A PARK TRAIN BODY
William B. Schmidt, Chicago, Ill.
Application March 10, 1938, Serial No. 75,737
Term of patent 14 years



The ornamental design for a park train body, as shown.

110,404
DESIGN FOR A TEXTILE FABRIC
Max Sokoloff, Woodmere, N. Y.
Application June 1, 1938, Serial No. 77,490
Term of patent 3½ years



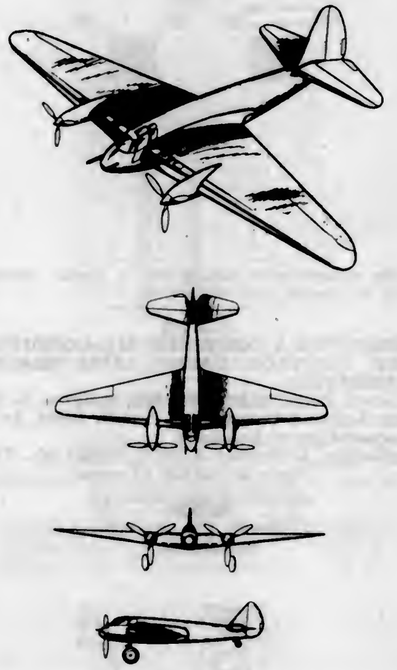
The ornamental design for a textile fabric substantially as shown.

110,405
DESIGN FOR A RUG
Frank Sudell, Philadelphia, Pa., assignor to Kurdistan Rug Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application March 21, 1938, Serial No. 75,997
Term of patent 7 years



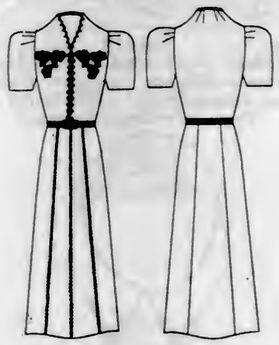
The ornamental design for a rug, substantially as shown.

110,406
DESIGN FOR A MONOPLACE PURSUIT AIRPLANE
Roscoe C. Wilson, Fairfield, and Louis R. Koepnick, Dayton, Ohio
Application December 1, 1936, Serial No. 66,238
Term of patent 3½ years



The ornamental design for a monoplace pursuit airplane, as shown.

110,407
DESIGN FOR A DRESS
Joseph Zinn, New York, N. Y.
Application May 13, 1938, Serial No. 77,145
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,408
DESIGN FOR AN EMBROIDERED APPLIQUÉ EMBLEM
Philip Alenikoff, New York, N. Y.
Application May 6, 1938, Serial No. 77,034
Term of patent 3½ years



The ornamental design for an embroidered appliqué emblem, substantially as shown and described.

110,409
DESIGN FOR A TEXTILE FABRIC
Louis J. Brenner, New York, N. Y.
Application May 26, 1938, Serial No. 77,385
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

110,410
DESIGN FOR A TEXTILE FABRIC
William Cohen, New York, N. Y.
Application May 13, 1938, Serial No. 77,149
Term of patent 3½ years



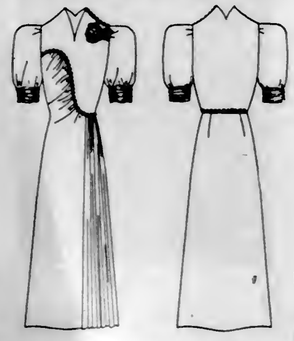
The ornamental design for a textile fabric, substantially as shown and described.

110,411
DESIGN FOR A CHILD'S COAT
Benjamin Fischer, New York, N. Y.
Application June 8, 1938, Serial No. 77,674
Term of patent 3½ years



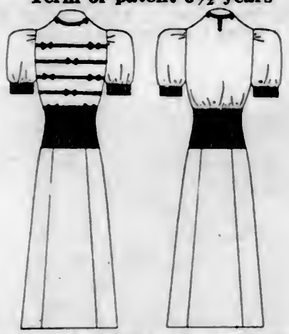
The ornamental design for a child's coat, substantially as shown and described.

110,412
DESIGN FOR A DRESS
Elsie Fischer, New York, N. Y.
Application June 11, 1938, Serial No. 77,779
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

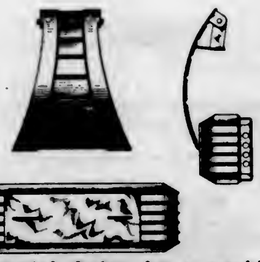
110,413
DESIGN FOR A DRESS
Elsie Fischer, New York, N. Y.
Application June 11, 1938, Serial No. 77,780
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,414
DESIGN FOR A COMBINED AIR-CONDITIONING CONTROL CASING AND BRACKET THEREFOR
Lucien L. Friez, Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 3, 1937, Serial No. 73,343
Term of patent 14 years





The ornamental design for a combined air-conditioning control casing and bracket therefor, as shown and described.

110,415
DESIGN FOR A SHIRT COLLAR
Wayne Glidden, Spokane, Wash.
Application February 12, 1938, Serial No. 75,108
Term of patent 3½ years



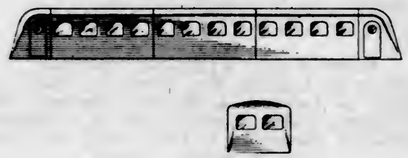
The ornamental design for a shirt collar substantially, as shown.

110,416
DESIGN FOR A HAT OR SIMILAR ARTICLE
Jesse J. Goodman, Bronx, N. Y.
Application May 6, 1937, Serial No. 69,200
Term of patent 3½ years



The ornamental design for a hat or similar article, substantially as shown.

110,417
DESIGN FOR A DINER
Bertron G. Harley, Saco, Maine
Application November 17, 1937, Serial No. 72,964
Term of patent 7 years



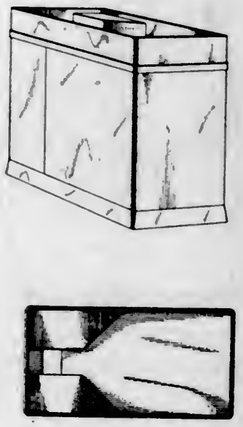
The ornamental design for a diner, as shown and described.

110,418
DESIGN FOR A BADGE OR SIMILAR ARTICLE
Philip F. La Follette, Madison, Wis.
Application May 16, 1938, Serial No. 77,238
Term of patent 14 years



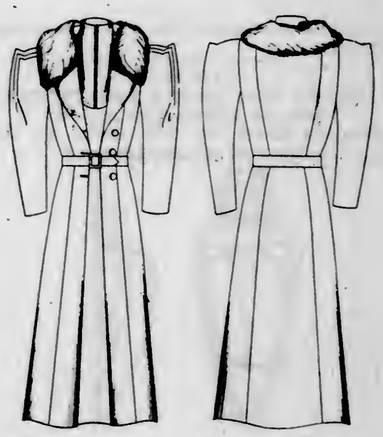
The ornamental design for a badge or similar article, as shown and described.

110,419
DESIGN FOR A HOUSING FOR GARBAGE OR SEWAGE TRITURATORS AND THE LIKE
William B. Marshall, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 15, 1937, Serial No. 72,218
Term of patent 14 years



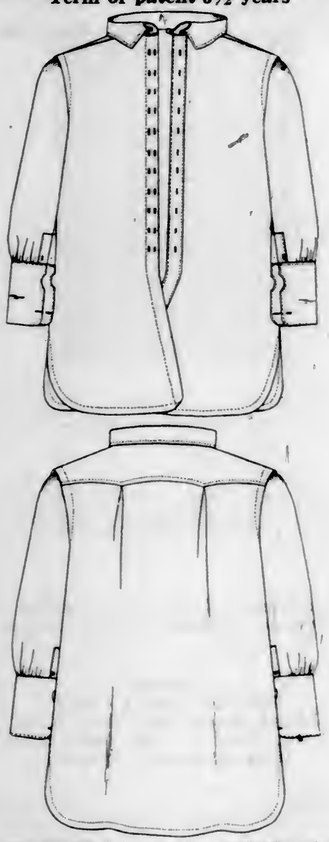
The ornamental design for a housing for garbage or sewage triturators and the like, as shown.

110,420
DESIGN FOR A COAT
Joseph Matis, New York, N. Y.
Application June 3, 1938, Serial No. 77,541
Term of patent 3½ years



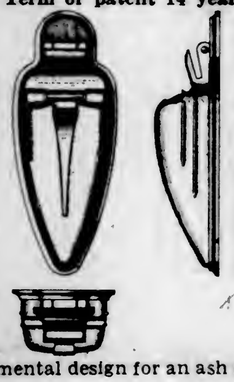
The ornamental design for a coat, substantially as shown and described.

110,421
DESIGN FOR A SHIRT
Beatrice Melville, Long Beach, N. Y.
Application June 8, 1938, Serial No. 77,663
Term of patent 3½ years



The ornamental design for a shirt, substantially as shown.

110,422
DESIGN FOR AN ASH RECEPTACLE
John K. Milton, Chicago, Ill.
Application March 23, 1938, Serial No. 76,049
Term of patent 14 years



The ornamental design for an ash receptacle, as shown.

110,423
DESIGN FOR A LAMP
Herman Shulman, Brooklyn, N. Y.
Application March 22, 1938, Serial No. 76,012
Term of patent 7 years



The ornamental design for a lamp substantially as shown.

110,424
DESIGN FOR BATHING TRUNKS
Theodore R. Upland, San Francisco, Calif., assignor to Gantner & Mattern Company, San Francisco, Calif., a corporation of California
Application November 8, 1937, Serial No. 72,691
Term of patent 7 years



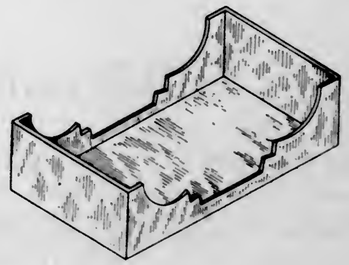
The ornamental design for bathing trunks, as shown and described.

110,425
DESIGN FOR LACE
Isaac Zendman, Jr., New York, N. Y.
Application June 9, 1938, Serial No. 77,684
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

110,426
DESIGN FOR A DISPLAY BOX
John Edward Thebaud, Philadelphia, Pa.
Application January 30, 1937, Serial No. 67,356
Term of patent 3½ years



The ornamental design for a display box, as shown and described.

Patents Nos. 2,123,163 to 2,123,865

THE OFFICIAL GAZETTE

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Reissues	12	No. 20,788 to No.	20,799, inclusive.
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Designs	105	No. 110,427 to No.	110,531, inclusive.
Total	1,061		

Trade-Mark Registrations Canceled

47,579. Lager-beer. John Gund Brewing Company, La Crosse, Wis. Registered November 14, 1905. Renewed November 14, 1925. Canceled June 14, 1938.

47,580. Lager-beer. John Gund Brewing Company, La Crosse, Wis. Registered November 14, 1905. Renewed November 14, 1925. Canceled June 14, 1938.

126,513. Piston-rings. Automobile Accessories Co., Baltimore, Md. Registered September 16, 1919. Canceled June 24, 1938.

141,906. Phonographs. Moses F. Flybush, Los Angeles, Calif. Registered May 3, 1921. Canceled June 24, 1938.

167,835. Eye liquid. Charles Barton, doing business as Specialists Supply Company, Honolulu, Territory of Hawaii. Registered May 8, 1923. Canceled June 14, 1938.

187,607. Certain named clothing. Fashion-Bilt Dress Co. Inc., New York, N. Y. Registered August 5, 1924. Canceled June 14, 1938.

209,678. Paper containers and cartons. Menasha Printing and Carton Company, Menasha, Wis. Registered March 2, 1926. Canceled June 24, 1938.

219,848. Refrigerators and refrigerating machines. Earle S. Barber, Chicago, Ill. Registered October 26, 1926. Canceled June 14, 1938.

243,007. Vending machines. Vendometer Corporation, New York, N. Y. Registered June 12, 1928. Canceled June 14, 1938.

278,679. Ladies' dresses. Lyric Dress Co., New York, N. Y. Registered December 23, 1930. Canceled June 14, 1938.

284,317. Underwear for men and boys. William Ravner, doing business as Robert C. King & Co., New York, N. Y. Registered June 23, 1931. Canceled June 14, 1938.

315,113. Ladies' underwear. Dutchess Underwear Corporation, New York, N. Y. Registered July 17, 1934. Canceled June 24, 1938.

330,796. Wines. Bisceglia Brothers, San Jose, Calif. Registered December 17, 1935. Canceled June 24, 1938.

333,556. Hosiery. Interwoven Stocking Company, New Brunswick, N. J. Registered March 24, 1936. Canceled June 14, 1938.

351,024. Women's and misses' coats. Morris W. Haft & Brothers, Inc., New York, N. Y. Registered October 12, 1937. Canceled June 3, 1938.

351,195. Medicated materials. Anglo-French Laboratories, Inc., New York, N. Y. Registered October 19, 1937. Canceled June 24, 1938.

Notice of Cancellation

U. S. Patent Office, *Washington, D. C., June 8, 1938.*

Domestic Mills Company, Inc., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of North Star Woolen Mill Company, Minneapolis, Minn., to effect the cancellation of trade-mark registration No. 149,034, issued December 6, 1921, to Domestic Mills Company, Inc., 341 Middlesex Street, Lowell, Mass., and a notice of such proceeding sent by registered mail to said Domestic Mills Company, Inc., at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Domestic Mills Company, Inc., its assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business June 25, 1938

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 46,502; Trade-Mark Division, 1,608. Oldest new case, Nov. 2, 1937; oldest amended, Oct. 21, 1937.) (The dates given are 1938 except where † indicates 1937) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Jan. 19	Jan. 25	778
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Jan. 24	Jan. 17	1,014
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Apr. 12	Apr. 11	402
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Feb. 25	Mar. 15	552
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Mar. 26	Mar. 25	640
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Feb. 10	Feb. 5	1,006
5725	7. JARBOE, C. G., Optics; Photography	Mar. 8	Mar. 8	916
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Mar. 17	Mar. 21	651
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Mar. 29	Apr. 1	403
6612	10. HUNTER, O F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Feb. 8	Feb. 14	870
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Mar. 3	Mar. 10	552
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Nov. 29	†Dec. 2	1,005
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Feb. 17	Feb. 17	578
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Apr. 4	Apr. 5	534
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Mar. 1	Mar. 1	1,308
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 4	Jan. 24	962
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Feb. 17	Feb. 15	787
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Feb. 10	Feb. 16	529
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Feb. 25	Mar. 1	674
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 17	Mar. 21	439
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Mar. 28	Mar. 28	523
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Mar. 26	Mar. 26	652
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 2	†Oct. 21	331
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Mar. 26	Mar. 26	676
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Mar. 19	Mar. 15	596
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Mar. 7	Mar. 5	542
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 10	Jan. 10	1,077
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Mar. 21	Mar. 12	352
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 6	†Dec. 21	1,035
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Jan. 26	Jan. 26	827
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Mar. 26	Mar. 25	596
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Mar. 21	Mar. 23	606
6096	33. WYMAN, W. I., Bridges: Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Mar. 31	Mar. 25	768
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Mar. 11	Mar. 12	368
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 18	Mar. 23	667
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Jan. 31	Feb. 7	572
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Jan. 13	†Dec. 13	964
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	†Dec. 27	†Dec. 24	831
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Feb. 21	Feb. 23	615
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Feb. 1	Feb. 1	1,496
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Mar. 18	Mar. 12	300
5882	42. CUTTING, H. O., Electric Signaling	†Dec. 20	†Nov. 19	802
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 15	Mar. 15	631
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Jan. 26	Jan. 27	734
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Feb. 21	Feb. 16	792
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Feb. 25	Feb. 26	571
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Mar. 7	Mar. 4	684
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Mar. 10	Mar. 10	481
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	†Dec. 18	†Dec. 16	976
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Mar. 21	Mar. 21	682
5628	51. BACKUS, C. D., Radiant Energy	Mar. 22	Mar. 22	841
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Mar. 12	Mar. 16	837
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Mar. 1	Mar. 1	695
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Apr. 22	Apr. 26	428
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Jan. 25	Jan. 25	1,066
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Jan. 26	Jan. 26	1,048
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Mar. 1	Feb. 25	487
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 21	387
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Mar. 22	Mar. 28	592
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Feb. 11	Feb. 11	546
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Jan. 20	Jan. 12	719
5621	62. PUGH, E. C., Games; Geometrical Instruments	Mar. 25	Mar. 24	585
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Apr. 11	Apr. 11	328
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Feb. 17	Feb. 16	1,239
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 2	Feb. 3	668
2099B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND {Trade-Marks	May 20	June 10	1,387
	{Labels and Prints	June 1	June 10	221
2605	DESIGNS: H. H. KALUPY	May 25	June 10	669

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

THE PEP BOYS, MANNY, MOE AND JACK *v.* THE FISHER BROTHERS COMPANY

THE FISHER BROTHERS COMPANY *v.* THE PEP BOYS, MANNY, MOE AND JACK

Nos. 3,840 and 3,841. Decided January 24, 1938

[94 F.(2d) 204]

(1) TRADE-MARKS—OPPOSITION—SUFFICIENCY OF NOTICE OF.

"We know of no rule or reason why opposer should be bound to either quote or paraphrase the words of the statute in a notice of opposition."

(2) SAME—SAME—RIGHT OF APPEAL.

Where the Commissioner dismissed the opposition but denied registration on ground of descriptiveness, *Held* opposer may properly file appeal regardless of whether appeal has been previously filed by applicant; and where applicant has appealed, opposer's appeal is not moot and is considered and determined.

(3) SAME—SAME—CONFUSING SIMILARITY—"CAN O' GOLD" AND "PURE AS GOLD".

Trade-mark comprising the notation "Can O' Gold" for use on lubricating oils *Held* confusingly similar to opposer's previously registered mark "Pure as Gold" for goods of the same descriptive properties.

APPEAL from the Patent Office. Affirmed.

LENROOT, *J.*, specially concurring.

Mr. Clarence A. O'Brien, Mr. Charles E. A. Smith, Mr. Thomas E. Turpin, Mr. George C. Baldt, and *Mr. Clarence R. Gorman,* for The Pep Boys.

Mr. Donald A. Gardiner and *Mr. John Harrow Leonard* for The Fisher Brothers Company.

BLAND, *J.:*

These are cross appeals in a trade-mark opposition proceeding arising in the United States Patent Office. For convenience of statement, in view of the cross appeals, The Fisher Brothers Company, a corporation whose application for registration is involved, will be hereinafter referred to as the applicant, while The Pep Boys, Manny, Moe and Jack, also a corporation, will be hereinafter referred to as the opposer.

On August 18, 1934, the applicant filed in the United States Patent Office an application for registration as a trade-mark of the words "Can O' Gold", for motor lubricating oils in Class 15, Oils and greases. In the drawing accompanying the application the words "Can O' Gold" are shown disposed centrally within a diamond shaped background, the word "Gold" being beneath the words "Can O'." Above the said words, and within the diamond shaped background is a representation of a container in the form of a can, on which can are the words "Can O' Gold", while in the lower part of said background are the words "Motor Oil", the word "Motor" being above the word "Oil." Extending from the borders of the diamond shaped background along a diagonal line is a broad band or stripe. The application for registration alleged that said mark had been continuously used and applied to said goods in applicant's business since about February 13, 1933. Said application, as amended, also contained the following:

* * * The words Motor Oil, and the representation of the containers are disclaimed apart from the mark shown in the drawing.

On November 3, 1934, the opposer filed notice of opposition to the registration asked for by applicant, and since one of the questions before us is based upon the contents of said notice of opposition, the same is set out here at such length as is pertinent to said question.

* * * * * * * *

The grounds of opposition are as follows:

1. The Pep Boys—Manny, Moe and Jack, are a corporation organized, existing and operating in accordance with and by virtue of the laws of the Commonwealth of Pennsylvania, which corporation is hereinafter designated the opposer and has its principal place of business at Tenth and Somerville Avenue, in the city of Philadelphia, State of Pennsylvania.

2. The opposer is the owner of a chain of automobile accessory stores in Pennsylvania, Delaware, and New Jersey wherein is offered for sale every character of equipment for automobiles, including lubricating oils and greases.

3. Long prior to the alleged use of the alleged trade-mark disclosed in trade-mark application, Serial No. 355,133, by the alleged corporation The Fisher Brothers Company hereinafter designated the applicant, to wit, in or about June, 1929, the opposer adopted and continuously used from thence hitherto now, the legend: "Pure as Gold".

4. The said legend Pure as Gold has been and is used exclusively by the opposer, who has expended large sums of money for many years in advertising sales promotion, and kindred efforts bearing said legend, to the end where the purchasing public recognize the said legend Pure as Gold as being owned by, originating in, and representing the opposer.

5. The opposer, from the date of adoption and from thence hitherto now, has continuously affixed the legend Pure as Gold to "Cans" of lubricating oils and grease shipped in interstate and intrastate commerce, and two of such cans are attached hereto and made a part hereof and are identified by the marking "Exhibit A".

6. Knowing full well the purchasing public recognize goods, and advertising bearing the legend Pure as Gold designates origin of ownership in the opposer, the alleged applicant has alleged adoption and use of the alleged trade-mark Can O' Gold on goods of identical properties with the cans of Pure as Gold containing opposer's products including lubricating oils and grease, and by reason thereof there is a likelihood of confusion in the minds of the purchasing public resulting in financial loss and damage to the opposer.

7. Opposer is the owner of trade-mark registration 265,858, January 7, 1930 profert of which is made to the court now here and made a part hereof and the granting of the trade-mark registration on application Serial No. 355,133 will invest in the applicant excluaive rights to the words Can O' Gold and appropriate to the applicant all the value and good will established through diligent effort and expenditure of money by the opposer in creating a sales demand for identical goods in cans bearing Pure as Gold.

* * * * * * * *

It will be noted that in said notice of opposition the opposer claims registration No. 265,858, registered January 7, 1930. This registration is for the words "Pure as Gold". In the registration the word "Pure" is shown to be disposed in a circular form within and adjacent to the upper periphery of a circle, the word "Gold" being similarly disposed in the lower periphery of the circle. The word "As" is in the center of the circle. Branching out laterally from the sides of the circle are representations of a pair of wings. The registration shows it to have been issued for "Automobile Lubricating

Oils and Cup Grease, in Class 15, Oils and greases, * * * ." The words "Pure as Gold" were disclaimed apart from the mark shown.

On January 14, 1935, the applicant filed a motion to dismiss, which reads as follows:

Now comes The Fisher Brothers Company, the applicant in the above entitled opposition and hereby moves that the notice of opposition be dismissed for insufficiency of fact appearing on the face of the notice and in the record to constitute a valid cause in:

1. That it appears on the record that the opposer relies on a right to a legend which is publici juris and any use thereof or of a similar legend by the applicant or any other party would be no violation of any statutory or common law right of the opposer entitling the opposer to maintain this opposition proceedings.

2. That it appears from the record that the mark of the applicant is so dissimilar in appearance, sound and significance from the phrase "Pure as Gold" that there is no possible likelihood of confusion arising in the mind of the purchasing public as a result of concurrent use of the mark of the applicant and the public use of the legend "Pure as Gold", wherefore the opposer has no standing to object to the registration by the applicant.

3. That it appears in the record that a complete opposition was not filed within the time required by the statute but that the same was informally filed during said period in that specimens were not included originally but were added only after the expiration of the 30 day statutory period.

* * * * * * *

On the same date applicant also filed an answer denying most of the allegations of opposer's notice of opposition, and among other things stating:

6. Applicant admits the allegations in paragraph numbered 6 in the notice of opposition that it has adopted and used the trade-mark "Can O' Gold" on motor lubricating oils and, further answering paragraph 6, applicant denies that by reason of its use of the mark Can O' Gold there is a likelihood of confusion in the minds of the purchasing public and damage to the opposer.

On January 23, 1935, the Examiner of Interferences wrote a letter reading as follows:

The several motions and briefs filed by the parties are all noted by the Examiner.

Before the various questions raised by these motions are considered it is deemed desirable to first ascertain the statutory cause or causes of action of the opposer.

Although this is a purely statutory proceeding, the notice of opposition discloses no attempt to paraphrase the language of the statute. Reading the notice of this opposition from the four corners thereof, the Examiner infers from the allegation contained in paragraphs 1 to 6 that they only relate to and seek to draw in the confusion-in-trade clause of section 5. As to paragraph 7, the Examiner can make no inference. The opposer is requested to duly confirm or deny the inference of the Examiner with regard to paragraphs 1 to 6 and also to disclose the statutory language of section 5 to which paragraph 7 is intended to relate, if any. This should be done by inclosing the same within quotation marks. Otherwise stated, the precise theory of the case of the opposer should be revealed.

Storm Waterproofing Corporation v. *L. Sonneborn Sons, Inc.*, 28 F.(2d) 115.

Upon failure of the opposer to duly comply with this request the case will proceed as by default and the notice of opposition will be dismissed.

In response to this letter the opposer filed in the Patent Office on January 25, 1935, a communication reading as follows:

This letter is in response to a query presented by the Honorable Examiner of Trade-Mark Interferences dated January 23, 1935.

Your Honor is advised that paragraphs 1 to 6, inclusive, in the notice of opposition is based on that portion of section 5B of the Trade-Mark Act of February 20, 1905 (as amended) as follows " * * * or which so nearly resemble a registered or known trade-mark owned and in use by another and appropriated to merchandise of the same descriptive properties as to be likely to cause confusion or mistake in the mind of the public or to deceive purchasers shall not be registered."

Paragraph 7 of the notice of opposition is based on that portion of section 5B of the Trade-Mark Act quoted as follows: " * * * or merely in words or devices which are descriptive of the goods with which they are used, or of the character or quality of such goods, * * *."

On February 1, 1935, the Examiner of Interferences denied the motion to dismiss filed by applicant.

Thereafter testimony was taken by the opposer; the applicant took no testimony.

On November 5, 1935, the Examiner of Interferences rendered his decision, holding that the mark "Can O' Gold" was not descriptive of motor lubricating oils, and that opposer "cannot here qualify under this clause." He further held, however, that there was at least reasonable doubt upon the question of likelihood of confusion, and under the rule that such doubt should be resolved in favor of the prior user, he sustained the notice of opposition and adjudged that the applicant was not entitled to the registration applied for.

Applicant appealed to the Commissioner of Patents and on April 27, 1936, the Commissioner held there was no possibility of confusion in the use of the marks involved and reversed the decision of the Examiner of Interferences sustaining the opposition; but he also held that the mark of applicant is descriptive of the goods to which it is applied, and so denied the registration applied for.

Both parties have appealed from the decision of the Commissioner. Opposer's reasons for appeal relate to so much of the decision as reversed the decision of the Examiner which sustained the opposition, and applicant's appeal relates principally to so much of the Commissioner's decision as denied applicant the registration of its mark. Applicant's reasons for appeal also state that the Commissioner erred in not dismissing the notice of opposition

"as having been so defective as to fail to create any right of opposition in the appellant-opposer."

The latter being a preliminary question, we will first dispose of it.

We have hereinbefore quoted the notice of opposition, so far as is here relevant, and hold that it sufficiently sets forth a cause of action based upon the confusion-in-trade clause of section 5 of the Trade-Mark Act of February 20, 1905, as amended. This section is so familiar that we deem it unnecessary to quote it.

(1) While the Examiner required opposer to state whether his, the Examiner's, construction of paragraphs 1 to 6 of the notice of opposition was in accord with the theory of opposer, and called attention to the fact that the notice "discloses no attempt to paraphrase the language of the statute", we are of the opinion that the notice is sufficiently definite with respect to said confusion-in-trade clause, and we know of no rule or reason why opposer should be bound to either quote or paraphrase the words of the statute in a notice of opposition. It is clearly sufficient if it appears from the notice that he relies upon confusion in trade under the Trade-Mark Act of February 20, 1905 as one of his grounds of opposition. Applicant's answer discloses that its counsel so construed it.

The notice being sufficient in this respect, the Patent Office tribunals acquired jurisdiction to pass upon the issue of confusion in trade, and also any ex parte question relating to the right of applicant to registration.

Before this court the question was presented for decision as to whether or not the opposer's appeal in the instant case became moot when the Commissioner held that since the applicant's mark was descriptive it could not be registered. In view of our conclusions we think that we must necessarily pass upon this question.

In the case of *Frigidaire Corp.* v. *Nitterhouse Bros.*, 20 C. C. P. A. (Patents) 865, 63 F.(2d) 123, 431 O. G. 263, we held that where the Commissioner's decision, denying appellee's application for registration upon the ground of descriptiveness of the mark, had become final, an appeal from the decision dismissing appellant's notice of opposition would not be entertained by us because the issue raised by such appeal was moot. We there cited the case of *Dunlap & Co.* v. *Bettman-Dunlap Co.*, 57 App. D. C. 351 23 F.(2d) 772; 367 O. G. 237, in support of such holding. The opinion in the last cited case states:

The Commissioner refused to review the case on the ground that, since the entire proceeding is to prevent registration, and the Examiner sustained the oppositions upon one of the grounds urged by the opposer, it amounts to a denial of registration, and the opposer in fact has accomplished the result sought, and is accordingly without right of appeal. If the applicant had appealed, then the opposer might have, by cross-appeal, raised the question which he now urges, namely, the similarity of the goods on which the marks are used. But, since there was no appeal by the applicant, his right of registration is as effectively barred as if the judgment had been to sustain the oppositions.

We are not in agreement with the implication in the above quotation that an opposer has no right of appeal under a state of facts existing in that case unless the applicant has previously taken an appeal. If the applicant should wait until the last minute to file an appeal under the rules of the Patent Office, an opposer would have no opportunity to file a cross appeal. The same would have been true in the case at bar had the applicant waited until the last minute under the rules to file an appeal to this court.

(2) We think in such cases opposer may properly file an appeal, regardless of whether an appeal has been previously filed by an applicant; in no other way could an opposer protect himself against an appeal and possible decision in favor of the applicant upon the issue raised by applicant's appeal, in which case the question raised by opposer's appeal could not be moot.

In the case at bar the applicant has appealed, and opposer's appeal does not present a moot question for there has been no final decision with respect to the descriptiveness of applicant's mark, wherein this case is distinguished from the case of *Frigidaire Corp.* v. *Nitterhouse Bros.*, supra.

Under these circumstances, we think it proper to consider and determine the issue raised by opposer's appeal.

It appears from the testimony on behalf of opposer that, since the year 1929, opposer had used the mark "Pure as Gold", applied to tin cans containing lubricating oils, and that 95% of its product bearing such mark was sold in cans. As hereinbefore stated, the first use claimed by applicant of its mark "Can O' Gold" upon lubricating oils was in 1933.

It is well established that the right to oppose the registration of a trade-mark does not depend upon exclusive ownership by an opposer of a similar mark. *California Cyanide Co.* v. *American Cyanamid Co.*, 17 C. C. P. A. (Patents) 1198, 40 F.(2d) 1,003, 399 O. G. 212; *Trustees for Arch Preserver Shoe Patents* v. *James McCreery & Co.*, 18 C. C. P. A. (Patents) 1507, 49 F.(2d) 1,068, 410 O. G. 541.

Therefore, it being established that opposer had used the mark "Pure as Gold" upon goods of the same descriptive properties as the goods upon which applicant applies its mark "Can O' Gold", it follows that if there be likelihood of confusion in trade by the concurrent use of the two marks, applicant is not entitled to register its mark, by reason of the prohibition contained in section 5 of the Trade-Mark Act, and in such event the opposition of opposer should be sustained.

(3) Upon this question we are constrained to agree with the Examiner

"that the resemblances between these marks are such that there is at least reasonable doubt upon the question of likelihood of confusion,"

and that such doubt should be resolved against the newcomer, the applicant.

The Commissioner in his decision states:

* * * The only similarity between this mark and applicant's resides in the occurrence in each of the word "Gold." In all other respects they are so completely different that there could be no possibility of confusing one with the other even by the "casual observer", whose reaction the United States Court of Customs and Patent Appeals has recently held to be immaterial. *Skram Company* v. *Bayer Company*, 29 U. S. Pat. Q. 142.

It is clear to us that the dominant portion of both marks is the word "Gold." In applicant's mark the portion of the mark "Can O'" would convey to purchasers only the thought of the container, and the word "Gold" is the portion of the mark which would attract their attention. Also, in the words "Pure as Gold", the word "Gold" is the outstanding and dominant feature of the mark.

It is our opinion that the Commissioner erred in holding that the marks are not confusingly similar, and the decision of the Examiner sustaining the notice of opposition should not have been reversed upon that ground.

We find it unnecessary to consider the issue raised by applicant's appeal, respecting the rejection of its application upon the ground that its mark was descriptive. Having herein sustained opposer's contention, and the decision of the Examiner of Interferences, that the two marks are confusingly similar and that the opposition must be sustained, it follows that it becomes immaterial as to whether the applicant's mark is or is not descriptive. Under our holding in the opposer's appeal, it cannot be registered in any event. If we should approve applicant's contention on the subject of the descriptiveness of its mark, it would avail ap-

plicant nothing. Therefore, in view of our conclusion in opposer's appeal, we do not think we should pass upon the issue presented by applicant.

For reasons herein stated, the decision of the Commissioner of Patents is reversed insofar as it holds that the notice of opposition upon its merits should be dismissed. The opposition should have been sustained. That portion of the Commissioner's decision, insofar as it holds that applicant was not entitled to registration of its mark is affirmed, not on the ground assigned by the Commissioner but upon the ground that by virtue of our conclusion in the opposer's appeal, applicant is not entitled to the registration of its mark.

Affirmed.

GRAHAM, the late Presiding Judge, sat during the argument of this case but died before the opinion was prepared.

LENROOT, *J.* (specially concurring):

I concur in the conclusion reached by the majority that applicant's mark is not registrable for the reason that appellant's notice of opposition should be sustained, but I think that, under the circumstances of this case it should also be held that applicant's mark is descriptive and that the decision of the Commissioner so holding should be affirmed.

U. S. Court of Customs and Patent Appeals

IN RE EPPINGER

No. 3,871. Decided February 7, 1938

[94 F.(2d) 401]

1. DESIGNS—APPLICATION—CLAIM.
   "It seems to us that the suggestion of the Examiner that appellant was entitled to but one claim, in substantially the form as was suggested, was proper."
2. SAME—PATENTABILITY.
   "The rule has long been settled that the Patent Office tribunals may combine references for the purpose of showing lack of invention in applications for design patents. * * * It is equally well settled law that one is not entitled to a patent for a design merely because the applicant has produced something which differs in appearance from anything previously produced."
3. SAME—SAME—TROLLING SPOON.
   Ornamental design for a trolling spoon used in fishing *Held* unpatentable in view of the prior art.

APPEAL from Patent Office. Affirmed.

Mr. Myron J. Dikeman for Eppinger.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

BLAND, *J.*:

The Examiner of the design division of the United States Patent Office finally rejected all the claims, two in number, of appellant's application for a design patent for an ornamental design for a trolling spoon used in fishing. Appellants' specification originally consisted of what he denominated as four claims, three of which were prepared much on the plan of a claim covering a mechanical invention. After considerable Patent Office amendment and consideration the Examiner finally rejected claims 2 and 4. He had ruled that all claims but claim 4 be cancelled. This appellant failed to do.

Claims 2 and 4 follow:

2. An ornamental color decorative design for the surface for a trolling spoon, comprising a semi-S-shaped curved white stripe line positioned lengthwise of the spoon surface and extended nearly the full length thereof, combined with red curved stripe lines placed adjacent thereto on either side thereof covering the remaining spoon surface, and the entire striped surface imprinted with a hexagonal line section net design substantially as shown.
4. The ornamental design for a trolling spoon, as shown.

The Examiner ruled that only one claim was permissible, and that it should be in substantially the following form:

I claim: The ornamental design for a trolling spool, as shown.

The Board stated that since both claims 2 and 4 were finally rejected by the Examiner, it would consider both claims.

The references relied upon by the Examiner are as follows: Simmons Hardware Catalogue "U" copyrighted 1930, page 1802, Item No. D-2 in particular; Dills, 1,323,458, December 2, 1919; Dills, 1,391,670, September 27, 1921.

The patent to Dills, 1,323,458, is for an artificial bait or lure. It is of the usual minnow-shaped, wooden lure type, coated in green paint so as to simulate a covering of network.

The patent to Dills, 1,391,670, relates to a process of fish bait manufacture and shows the manner of applying the network effect to a wooden fishing plug.

The Simmons Hardware Catalogue representation of a metal fish lure shows, as the Examiner has stated, the identical form of wavy striped trolling spoon as is shown in the drawing of the instant application except that it is not covered or coated so as to have the network effect. The Board stated:

We shall consider both claims since both were finally rejected. Applicant states that claim 4 should be amended to take its original form in which case it is identical in effect with claim 2.

The catalog disclosure shows the identical design covered by claim 2 except that it is not covered with a net design which per se is old as shown in the Dills patents in combination with other color designs. We agree with the Examiner that there is no invention in combining the two designs. This is clearly set forth by the Examiner and we see no point in restating his position.

From the decision of the Board, applicant has appealed here.

[1] We have examined applicant's reasons of appeal in which he challenges certain actions on the part of the Examiner with reference to amendments. We do not think any reason of appeal sufficiently complies with the patent statutes to raise any question before us except the correctness of the action of the Board in affirming that of the Examiner in denying a patent to the appellant for the design applied for. In passing it may be proper to say that appellant's specification and form of claims is quite unusual. It seems to us that the suggestion of the Examiner that appellant was entitled to but one claim, in substantially the form as was suggested, was proper. *Ex parte Hopkins, Jr.*, 1923 C. D. 105, 317 O. G. 238. See rules of practice in the United States Patent Office, Nos. 81, 82, and 84; also form of design application prescribed by the rules.

Appellant's argument here, for the most part, involves the contention that since none of the references show applicant's design as a whole, they cannot be held properly to anticipate his alleged invention.

[2] The rule has long been settled that the Patent Office tribunals may combine references for the purpose of showing lack of invention in applications for design patents. *In re Whiting*, 18 C. C. P. A. (Patents) 1220, 48 F.(2d) 912, 410 O. G. 1059. It is equally well settled law that one is not entitled to a patent for a design merely because the applicant has produced something which differs in appearance from anything previously produced. As we see it, the exact question to be answered here is: Did it require invention to combine the network coating of the prior art with the prior art striped spoon?

We think appellant in his contentions here disregards the necessity for the exercise of the inventive faculties in producing a patentable design. Carried to their logical conclusion, appellant's contentions are to the effect that one must be regarded as a design inventor if he produces a design which has a pleasing effect and which differs in appearance from any prior production, irrespective of any other consideration. The design patent law grants a limited monopoly to a design inventor. The purpose of the enactment, obviously, was to stimulate the exercise of the inventive faculty in the improvement of the appearance of articles of manufacture. Invention consists in something more than good draftsmanship and extended research for new appearances. To grant patent monopolies on applications like the one at bar would, in our opinion, unnecessarily hamper and obstruct manufacturers in the development of their business without promoting the purposes for which the design patent law was enacted.

[3] The Board properly affirmed the action of the Examiner in rejecting the application of appellant, and its decision is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

RITZERFELD *v.* KLUITMANN

No. 3,903. Decided February 7, 1938

[94 F.(2d) 392]

1. INTERFERENCE—APPEAL—PATENTABILITY OF ISSUE NOT CONSIDERED.
   "It requires no citation of authority to support the well-understood rule of procedure in this court in this kind of proceeding that the patentability of counts is not a matter to be taken cognizance of in determining priority of invention."
2. SAME—PRIORITY—RIGHT TO MAKE CLAIMS—OPERATIVENESS.
   Record reviewed and *Held* that the device of K., the senior party, is operative, that he can make the counts and that priority was properly awarded to him.

APPEAL from Patent Office. Affirmed.

Mr. Anthony William Deller for Ritzerfeld.

Mr. Arthur W. Carlson and *Mr. Max W. Zabel* for Kluitmann.

BLAND, *J.*:

This is an appeal in a patent interference proceeding from a decision of the Board of Appeals of the United States Patent Office affirming that of the Examiner of Interferences in awarding to appellee priority of invention in the five counts involved relating to copying or duplicating machines.

During the motion period before the Primary Examiner, the counts here involved were added to the interference which had previously been declared upon a count which is not involved in this appeal. The sole question for our decision upon which priority depends is the right of the party Kluitmann to make the counts, which question involves the operativeness of the Kluitmann structure. No testimony was taken. Priority of the counts involved was awarded to Kluitmann following an order to show cause why judgment should not be entered against Ritzerfeld. Following the order to show cause why judgment on the record should not be entered against him as to counts 1 to 5, Ritzerfeld moved to dissolve the interference on the ground that Kluitmann's application failed to comply with R. S. 4888, that his disclosure was vague and indefinite, and that the Kluitmann machine, as shown in his drawings and specification, was inoperative.

Count 1 is illustrative of the five counts at bar and reads:

1. A machine of the character described comprising a cylindrical printing drum, means for continuously rotating said drum, a gripper on said drum for securing one edge of a flexible master sheet to said drum, a control mechanism, means operable by said control mechanism when operated to actuate said gripper so that at a given angular position of said drum said gripper is moved to its sheet releasing condition during the continuous rotation of said drum whereby an imprisoned master sheet is released from said drum, and a feed device for master sheets under the partial control of said control mechanism whereby the protruding edge of a second master sheet may be moved toward said drum to place said edge of said second sheet in gripping relationship to said gripper, said gripper actuating means having means thereafter to automatically release said gripper thus to imprison said second sheet on said drum, whereby master sheets may be replaced during the continuous rotation of said drum.

[1] Appellant Ritzerfeld has filed in this court a brief consisting of 70 pages, most of which is devoted to a discussion of matters with which we are not here concerned and most of appellant's reasons of appeal seek to present questions which, under the well-settled rules, may not be considered in this kind of proceeding. He argues at great length that the counts are unpatentable over the prior art. It requires no citation of authority to support the well-understood rule of procedure in this court in this kind of proceeding that the patentability of counts is not a matter to be taken cognizance of in determining priority of invention.

It is also argued at some length that the Kluitmann application disclosure is so fatally defective that it does not comply with the patent statutes. This contention goes to patentability and can receive no attention here.

Appellant also argues at some length that the interference was informally declared, the argument being predicated to some extent at least upon the contention that the inventions of the two parties are wholly dissimilar and that under the rules of the Patent Office an interference can be declared only in event that there is "common patentable subject matter" claimed in a plurality of applica-

tions or in an application and a patent. Again, in arguing that the interference was informally declared, support for appellant's contention is based upon the alleged non-patentability of the subject matter of the counts. This argument, of course, also seeks to raise a question going to patentability only.

Appellant, however, has presented by certain of his reasons of appeal, a contention which goes to the right of the party Kluitmann to make the counts. This contention is, in part, based upon the assertion that the Kluitmann structure as described in his specification is inoperative. One reason of appeal seeks to raise the question that the counts of the interference are broader than the Kluitmann invention. This last-referred-to reason, we think, also goes to the question of patentability.

We are, therefore, remitted here to a consideration of the question of the right of the party Kluitmann to make the counts which involves a consideration of the question as to whether or not the device as disclosed and described in the Kluitmann application is inoperative.

The invention in issue is well described by the Primary Examiner in the following language:

> The invention in issue relates to a copying machine of the rotary type. Such machines are used for reproducing matter written or printed in reverse with a copiable or transferrable ink. The reversed characters are commonly formed by typewriting on a sheet of paper with a sheet of aniline or "copying" carbon paper against the back of the first sheet, so that characters are formed in reverse. This paper sheet is called an "original." Copies are made by moistening blank sheets of paper with a solvent for the copying ink, and pressing them against the original. In rotary machines this is done by securing the original to a drum, moistening the blank sheets as they are fed, and pressing them against the original by means of a platen roll.
>
> In the prior art, whenever it was desired to change originals, it was necessary to stop the machine, unlock the gripper member holding the sheet, remove the old and insert the new original, close the gripper, and resume operation.
>
> The invention in issue provides automatic means for changing the original without interrupting the operation of the machine. This is done by providing a movable table to hold the new original and advance it to the drum, and a cam movable when the table is moved to open the grippers, release the old sheet, and grasp the new one, while the machine continues in motion. Whenever the operator desires to change to another original, he tilts the table toward the drum. This places the end of the new sheet in position to be grasped by the grippers, and also sets the cam to open the grippers and also to close them at the proper time.

It will be noticed that count 1 states that the machine comprises:

1. A drum
2. Means for continuously rotating said drum
3. A gripper
4. A control mechanism
5. Means operable by said control mechanism to actuate said gripper producing certain results which the count recites
6. A feed device for master sheets under the partial control of said control mechanism
7. Said gripper actuating means having means thereafter to automatically release said gripper.

It is pointed out by the Examiner and the Board that Kluitmann's drawings and specification disclose every one of the above-named elements of the claim. The Examiner, as to count 1, which was then known as count A, said:

> Kluitmann moves to add six counts. As to proposed count A, he points out the printing drum 2, the drawing shows a drive shaft and Kluitmann's specification mentions the use of a crank or motor * * * for imparting continuous rotation, gripper means are shown at 8, control means at 3, 5, gripper actuating means (cam 6) operated by the control means, feed device (table 1) under the partial control of the control mechanism, with the gripper actuating means (cam 6) having means (the shoulder on the cam) for releasing the gripper to imprison the second sheet, etc. Thus it is clear that he shows every element of this count. In view of the fact, as noted above, that grippers are commonly held closed by springs, and that the use of a spring here would be obvious, it is believed that the proposed count A is readable on Kluitmann's disclosure, and also is patentable. * * *

He then points out that count 2 (then count B) specifically includes a cam which is shown by Kluitmann; that claim 3 (then count C) claims the cam more broadly as a "means" but is specific as to the table and that Kluitmann shows the table. Concerning count 4 (then count D) the Examiner points out that Kluitmann shows the various elements of the count including a means selectively operable whereby the sheet may be replaced. Ritzerfeld urges that this means is inoperative and further that this was a "single means" which plus its function does not sufficiently define the invention. The Examiner points out that the means was not a single means but that it was included in combination with several other elements. As to the inoperative feature, the Examiner held that the alleged inoperative means consisted of a table that is movable in timed relation to other elements. Most of the argument of appellant on this subject before the Examiner was made as to the original count in the interference as originally declared concerning which the motion to dissolve was granted. That count, as before stated, is not before us.

Ritzerfeld, before the Examiner, did not contend that count 4 was not patentable in substance. The Examiner stated:

> * * * It is not alleged that the count is not patentable in substance. It is held to be proper in form, patentable in subject matter, and readable upon both parties.

The same holding was made as to count 5.

As to count 6, Ritzerfeld contended that the "cam for controlling the movement" of the table was not shown. The Examiner held that this point was well taken, that the count was not readable upon either party, was misdescriptive, and should not be added to the interference. No appeal was taken from this action by either party.

To the above action of the Examiner, Ritzerfeld responded by requesting reconsideration of the Examiner's decision on Ritzerfeld's motion to dissolve and on Kluitmann's motion to add the counts here involved. It was then contended by Ritzerfeld that the motion to amend should not have been granted as to counts 1 to 5 and based his request for reconsideration upon the grounds heretofore stated and in addition upon the ground that Kluitmann had no right to make the claims corresponding to proposed counts 1 to 5.

The Examiner again discussed his former ruling, pointed out wherein Kluitmann showed the elements of the counts, and on the subject of inoperativeness stated:

> As to the third ground, it is urged again that Kluitmann has not disclosed an operative structure. It is said that since the table is pulled forward by the drum, it travels only at the same speed as the drum, hence can never catch up with it to insert a sheet under the gripper. But this is not the manner in which the Kluitmann device is intended to operate. The sheet is laid on the table with its edge projecting considerably so that as the table starts forward with the cylinder the end of the sheet is far enough forward that the descending gripper will close upon it. There is no question of changing machine structure—merely the simple problem of placing the sheet far enough forward on the table. Far from "endeavoring to excuse the party Kluitmann" by holding that "missing things would be obvious," the Examiner has merely pointed out that no element of the proposed counts is missing and that if in other respects the disclosure is informal, for example if the sheet of paper on the table is shown as not projecting far enough, it would be permissible for Kluitmann to amend the drawing. Of course no new matter may be introduced, and no attempt has been made to introduce any such matter. If the sheet is placed at a point where the gripper will close on it, there seems to be no question that the Kluitmann machine will operate in the manner intended. It is held, therefore, that the third ground must fail to change the Examiner's holding.

Upon the record as above shown the Examiner of Interferences awarded the senior party Kluitmann priority of invention of the subject matter of the issue in the five counts involved.

Upon appeal to the Board, it, for the same reasons as those assigned by the Examiner, but by the use of somewhat different language, affirmed the action of the Examiner of Interferences and pointed out that Kluitmann disclosed the various elements of the counts, and on the subject of inoperativeness said:

> We have given careful consideration to Kluitmann's contended mode of operation of his device as shown and are convinced that the parts as shown can operate in the manner claimed. There is such angular relation between the arc of swing of the ends of the clamping fingers, due to the fact that pivot 9 is placed interiorly of the periphery of the drum, that the ends of the clamping segments may come down on top of the sheets after it has slipped off of or even grazed their tip ends, that is, the arc of swing of the ends of the fingers inclines downwardly toward the left (Fig. 3) or towards the edge of the paper. We agree with Kluitmann's contention that the counts which are directed to the machine do not necessarily involve the sheet as an element, particularly, when not included as an element. It seems that in this case the printing sheet may optionally be regarded as part of the work rather than part of the machine. The counts only indirectly refer to it in the clause, "a gripper on the drum for securing one edge of a flexible master sheet to said drum". We hold further that mere inadvertent showing of the edge of the sheet slightly too far to the left under such circumstances, that is, where it is not an element of the machine, is not so vital or critical as to be fatal to Kluitmann's case. We think it is clearly within the skill of any one undertaking the operation of Kluitmann's machine to observe that the front edge of the sheet should be fairly critically adjusted and to so position the sheet on table 1 even by adjustment of the stop pins 25, 26 if necessary.
>
> We accordingly agree with the conclusions of the Primary Examiner in this respect and affirm the decision of the Examiner of Interferences as based upon his order to show cause.

We have carefully considered the arguments made by appellant Ritzerfeld in this court. We are in accord with the views expressed by the Primary Examiner and the Board of Appeals. That the various elements of the counts are shown in Kluitmann's disclosure cannot seriously be controverted, and a complete restatement of what has been so clearly stated on this subject by the tribunals below would be mere surplusage.

As to the inoperative feature contended for by Ritzerfeld, we are of the opinion that the Board correctly concluded, as did the Primary Examiner, that the machine does not necessarily involve the sheet of paper as an element. It is not included as an element in the count. It is our view that the inadvertent showing of the edge of the sheet slightly too far to the left is not so vital or critical as to be fatal to the Kluitmann case since the paper cannot be regarded as a part of the machine.

[2] We conclude that the Board correctly ruled that Kluitmann could make the counts and that his device was operative. It follows that its decision affirming that of the Examiner of Interferences in awarding priority to Kluitmann should be and it is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,281,884, M. J. Trumble, Process for converting petroleum oils, D. C. Del., Doc. E 754, *Universal Oil Products Co.* v. *White Eagle Oil & Refining Co.* Consent decree dismissing bill Apr. 15, 1938.

1,307,734, A. V. Gullborg, Lubricating means, D. C., N. D. Ill., E. Div., Doc. 15037, *Stewart-Warner Corp.* v. *Lincoln Engineering Co. of Illinois.* Dismissed without prejudice Apr. 15, 1938.

1,356,608, J. V. Dorr, Thickener; 1,434,597, same, Settling apparatus; 2,003,261, N. B. Lund, Thickener, D. C. Del., Doc. E 1163, *Link-Belt Co.* v. *The Dorr Co., Inc.* Consent decree dismissing bill without prejudice Mar. 16, 1938.

1,359,880, C. Dunn, Self-filling fountain pen, D. C., S. D. N. Y., Doc. E 30/305, *H. A. Dunn et al.* (*M. B. Swanholm*) v. *Salz Bros., Inc.* Dismissed without prejudice (notice May 10, 1938).

1,378,307, W. H. Young, Apparatus for cracking and refining petroleum products; 1,534,927, 1,686,654, 1,484,445, C. P. Dubbs, Method of treating hydrocarbons; 1,537,593, G. Egloff, Process for cracking oil; 1,602,990, R. I. Pollock, Process and apparatus for converting hydrocarbons, D. C. Del., Doc. E 717, *Universal Oil Products Co.* v. *Koch Engineering Co. et al.* Consent decree dismissing bill Apr. 15, 1938.

1,388,434, G. V. Johnston, Method of and apparatus for butt-welding thin gauge tubing and the product thereby produced; 1,435,306, same, Butt-welded thin walled tubing; 1,611,875, H. Belmont, Welding apparatus, D. C. Del., Doc. E 1061, *Steel & Tubes, Inc.*, v. *Clayton Mark & Co., Inc.* Claims 1 and 2 of 1,388,434 and 1,611,875 held valid and infringed; bill dismissed as to 1,435,306 Apr. 13, 1938.

1,392,629, 1,543,832, C. P. Dubbs, Process of converting hydrocarbons; 1,543,831, same, Apparatus for treating hydrocarbons; 1,764,296, R. Fleming, Method and apparatus for treating hydrocarbons, D. C. Del., Doc. E 894, *Universal Oil Products Co.* v. *Winkler-Koch Engineering Co. et al.* Consent decree dismissing bill Apr. 15, 1938.

1,410,499, A. Pacz, Metal and its manufacture, D. C., S. D. N. Y., Doc. E 80/341, *General Electric Co.* v. *Ledneo Corp. et al.* Dismissed without prejudice (notice May 10, 1938).

1,430,533, W. J. Brown, Spraying nozzle; 1,706,875, A. H. Downs, Device for spraying paints, lacquers or other liquids, D. C. Del., Doc. E 1182, *Eclipse Air Brush Co., Inc.*, v. *Binks Mfg. Co.* Consent decree dismissing bill without prejudice Feb. 18, 1938.

1,434,597. (See 1,356,608.) 1,435,306. (See 1,388,434.)

1,477,394, H. S. Thatcher, Art of filtration; Re. 19,166, same, Filter aid, filed May 12, 1938, D. C. Del., Doc. 1265, *Celite Corp.* v. *The Dicalite Co.*

1,484,445. (See 1,378,307.)

1,486,822, Wolfson & Wolfson, Necktie, D. C., S. D. N. Y., Doc. E 85/177, *The Ingenuities Corp. of America* v. *Wm. Mayer* (*H. & M. Neckwear Co.*). Consent order of discontinuance without prejudice (notice May 9, 1938).

1,490,567, Kleinsteuber & Hayes, Automatic traffic signal, D. C., N. D. Ill., E. Div., Doc. 5439 and 6788, *Traffic Regulator Signal Co.* v. *City of Chicago, Ill.* Doc.

5440, *Traffic Regulator Signal Co.* v. *South Park Commissions.* Dismissed by stipulation May 6, 1938, in each of above cases:

1,498,269, 1,631,265, J. J. Harris, An adhesive, D. C., N. D. Ill., E. Div., Doc. 15277, *J. J. Harris* v. *Tamms Silica Co.* Dismissed Jan. 13, 1938.

1,510,596, D. M. Kennedy, Bath cabinet; 1,767,800, Kennedy & Kennedy, same; 1,693,389, same, Infant's bath tub, appeal filed May 19, 1938, C. C. A., 2d Cir., Doc. —, *D. M. Kennedy et al.* v. *Trimble Nurseryland Furniture, Inc.*

1,526,982, E. W. Hill, Stencil sheet, D. C., N. D. Ill., E. Div., Doc. 15706, *A. B. Dick Co.* v. *J. Mikota (Ideal Stencil & Supply Co.).* Consent decree finding patent valid and infringed, injunction Mar. 31, 1938.

1,532,886. (See 1,752,976.) 1,534,927. (See 1,378,307.)

1,537,593. (See 1,378,307.)

1,540,628, Hurxthal & Hurxthal, Automatic temperature control for bread toasters, D. C. Del., Doc. E 1047, *Proctor & Schwartz Electric Co.* v. *Samson United Corp.* Dismissed upon motion of plaintiff Mar. 17, 1938.

1,543,831. (See 1,392,629.) 1,543,832. (See 1,392,629.)

1,560,763, F. M. Collins, Packing head and blowout preventer for rotary type well drilling apparatus; Re. 20,631, 1,708,316, J. W. MacClatchie, Blow-out preventer, filed May 5, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1377–Y, *MacClatchie Mfg. Co. of Calif. et al.* v. *W. D. Shaffer (Shaffer Tool Works et al.).*

1,573,374, P. A. Chamberlain, Radio condenser; 1,795,214, 1,707,617, E. W. Kellogg, Sound reproducing apparatus; 1,894,197, Rice & Kellogg, same; 2,052,316, R. E. Sagle, Variable condenser, D. C., N. D. Ill., E. Div., Doc. 15955, *R. C. A. et al.* v. *B. Friedman et al. (Lake Sales Radio Co.).* Consent decree, finding patents valid and infringed, injunction Feb. 21, 1938.

1,589,845, J. C. Faeth, Electric floor lamp, D. C., N. D. Ill., E. Div., Doc. 15961, *Standard Screw Co.* v. *Sandel Mfg. Co.* Consent decree, finding patent valid and infringed, injunction Apr. 20, 1938.

1,594,356, A. B. Davis, Inking roll and method of and apparatus for renewing surface of same, C. C. A. 6th Cir., Doc. 7391, *Ideal Roller & Mfg. Co. et al.* v. *Sutherland Paper Co. et al.* Doc. 7392, *Sutherland Paper Co. et al.* v. *Ideal Roller & Mfg. Co. et al.* Claims 1, 2, and 3 held valid and infringed by the use of one machine but not by the use of another; claims 4, 5, 6, and 7 held invalid May 13, 1938.

1,602,990. (See 1,378,307.) 1,611,875. (See 1,388,434.)

1,614,972, A. W. Scotcher, Carton; Re. 19,028, L. Sugerman, Twin-section egg carton, D. C., E. D. N. Y., Doc. E 8344, *L. Benoit* v. *Dubl-Cushion Egg Carton, Inc.* Decree for defendant, dismissing bill May 13, 1938.

1,617,240, R. A. Fessenden, Method for wireless directive signaling; 1,617,242, same, Wireless transmission and reception, D. C. Del., Doc. E 1054, *H. M. Fessenden et al.* v. *R. C. A.* Dismissed Apr. 18, 1938.

1,617,242. (See 1,617,240.)

1,619,297, R. C. Hackley, Concrete gun, D. C., N. D. Calif. (San Francisco), Doc. E 3929–L, *R. C. Hackley* v. *T. E. Connolly et al.* Consent decree holding infringement May 11, 1938.

1,622,957. (See Re. 18,852.)

1,631,265. (See 1,498,269.)

1,645,927, H. C. Pierce, Chromium plating, filed May 11, 1938, D. C., N. D. Ohio, Doc. E 5725, *Metals Protection Corp.* v. *E. Gempel (Chrome Service Co.).*

1,686,654. (See 1,378,307.) 1,690,133. (See 1,721,530.)

1,693,389. (See 1,510,596.) 1,706,875. (See 1,430,533.)

1,707,617. (See 1,573,374.) 1,708,316. (See 1,560,763.)

1,712,789, J. F. Donnelly, Process for the conversion of hydrocarbon oils, D. C., E. D. La. (New Orleans), Doc. —, *Donnelly Process Corp.* v. *Solarene Refining Co.* Injunction May 16, 1938.

1,715,323, A. M. Hahn, Hosiery, D. C. Del., Doc. E 1096, *Artcraft Silk Hosiery Mills, Inc.*, v. *Gotham Silk Hosiery Co., Inc.* Dismissed May 4, 1938.

1,721,530, 1,690,133, J. Schick, Shaving implement; 1,757,978, 1,833,954, 1,747,031, same, Shaving machine, D. C. Del., Doc. E 1135, *Lektro Shave Corp.* v. *Schick Dry Shaver, Inc.* Dismissed for want of prosecution Mar. 8, 1938.

1,731,967, L. J. Antonsen, Paper excelsior machine; 1,866,690, H. W. Wilson, Paper shreading and crimping machine, D. C., N. D. Calif. (San Francisco), Doc. E 4059–S, *L. J. Antonsen et al.* v. *Bay City Products Corp.* Dismissed without prejudice May 9, 1938.

1,747,031. (See 1,721,530.)

1,752,976, I. Cowles, Flexible conduit assembly and method of making same; 1,532,886, same, Hose coupling; 1,791,121, same, Compression pipe coupling, D. C., N. D. Ill., E. Div., Doc. 15564, *J. L. Ward et al.* (*Flex-O-Tube Co.*) v. *I. Cowles et al.* Dismissed for want of jurisdiction June 7, 1937. Appeal dismissed Oct. 30, 1937.

1,757,978. (See 1,721,530.) 1,764,296. (See 1,392,629.)

1,767,800. (See 1,510,596.)

1,774,532, E. L. Smith, Hair curler; 1,849,770, same, Apparatus for use in connection with hair curling and waving devices; 1,916,687, same, Apparatus for curling hair, D. C. N. D. Calif. (San Francisco), Doc. E 3962–S, *L. J. Marcus et al.* (*Ringlette Permanent Co.*) v. *E. L. Smith* (*Paramount Permanent Wave Co.*). Dismissed May 9, 1938.

1,791,121. (See 1,752,976.) 1,795,214. (See 1,573,374.)

1,808,468, G. Langford, Method of making rail joint bars; Re. 18,011, same, Renewing worn angle bars; Re. 19,638, same, Rail joint and bar therefor (bill for declaratory judgment), D. C., N. D. Ill., E. Div., Doc. 15124, *Sellers Mfg. Co.* v. *McKenna Process Co.* Patent held not infringed Apr. 18, 1938.

1,811,099, L. W. Stonequist, Radio apparatus, D. C., N. D. Ill., E. Div., Doc. 11297, *L. W. Stonequist et al.* v. *Carter Radio Co.* Dismissed on plaintiff's motion with prejudice Apr. 29, 1938.

1,820,867, H. Q. Crowder, Transfer sheet and method of making same, D. C., N. D. Ill., E. Div., Doc. 13392, *H. Q. Crowder* v. *National Screenetone Co. et al.* Dismissed for want of equity Mar. 11, 1938.

1,821,850, E. W. Riemenschneider, Tapered tubular poles, D. C., N. D. Ill., E. Div., Doc. 15684, *The Union Metal Mfg. Co.* v. *The Revere Electric Co.* Consent decree finding claims 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, and 12 infringed, injunction Apr. 6, 1938.

1,833,954. (See 1,721,530.)

1,836,704, R. A. Couzinet, Airplane collapsible undercarriage for alighting on land and water, filed May 9, 1938, D. C. Del., Doc. E 1263, *E. A. Darling* v. *Douglas Aircraft Co., Inc.*

1,845,570, F. Thomas, Side loading hearse, filed May 14, 1938, D. C., N. D. Ill., W. Div., Doc. 625, *Henney Motor Co.* v. *The Eureka Co.*

1,849,770. (See 1,774,532.) 1,866,690. (See 1,731,967.)

1,869,918, M. C. Schrank, Pajamas, D. C. Del., Doc. E 1064, *M. C. Schrank* v. *Mittelman, Bernstein & Co.* Consent decree dismissing bill without prejudice Apr. 27, 1938.

1,893,384, J. Werner, Method of producing imitations of valuable sorts of wood and tarsia style coatings; 1,897,875, same, Process for transferring prints on to surfaces, D. C., N. D. Ill., E. Div., Doc. 15108, *J. Werner* v. *Revoc Holding Trust et al.* Dismissed Apr. 4, 1938.

1,894,197. (See 1,573,374.) 1,897,875. (See 1,893,384.)

1,903,960, C. Dreyfus, Fabric and sheet material and the manufacture thereof, filed May 19, 1938, D. C., M. D. Pa., Doc. 1335, *Celanese Corp of America* v. *Shirtcraft Co., Inc.*

1,916,687. (See 1,774,532.)

1,921,437, L. K. Stupell, Ornament; 2,102,242, same, Ornaments and frame therefor, filed May 17, 1938, D. C., S. D. N. Y., Doc. E 87/69, *L. K. Stupell* v. *Monocraft Products Co.*

1,932,789, H. B. Kline, Desulfurizing rayon in the package form, D. C. Del., Doc. E 1102, *Industrial Rayon Corp.* v. *Tubize Chatillon Corp.* Consent decree dismissing bill without prejudice Mar. 2, 1938.

1,942,237, C. Brown, Fastening means for expansible bodies; 1,949,528, same, Auxiliary draw bar for motor vehicles; 1,965,450, same, Vehicle; 1,965,452, same, Roof for vehicles, D. C. Del., Doc. E 1095, *C. Brown* v. *Split Coach Motor Corp.* Consent decree dismissing bill Mar. 22, 1938.

1,942,943, C. F. Schnabel, Feed, D. C., W. D. Mo. (Kansas City), Doc. 2945, *American Dairies, Inc.*, v. *Quisenberry Feed Products Co.* Judgment for plaintiff May 16, 1938.

1,949,528. (See 1,942,237.)

1,953,308, C. Older, Expansion joint for pavement, D. C., N. D. Ill., E. Div., Doc. 15948, *C. Older* v. *American Concrete Expansion Joint Co. et al.* Dismissed without prejudice Apr. 25, 1938. Doc. 15949, *C. Older* v. *Knapp Bros. Mfg. Co.* Decree as above.

1,965,450. (See 1,942,237.) 1,965,452. (See 1,942,237.)

1,968,288, C. W. Floss, Variable speed transmissions, D. C., E. D. Mich. (Detroit), Doc. 6856, *C. W. Floss* v. *Hudson Motor Car Co.* Dismissed May 11, 1938.

1,971,682, H. W. Hoch, Garment, D. C., S. D. N. Y., Doc. E 86/240, *London Weatherproofs, Inc.*, v. *Crawford Clothes, Inc., et al.* Consent decree for plaintiff (notice May 13, 1938).

2,000,207, M. Arnold, Permanent waving appliance, D. C., S. D. N. Y., Doc. E 80/246, *M. Arnold et al.* v. *Julian-Self-Setting Permanent Waving, Inc.* Dismissed without prejudice (notice May 17, 1938).

2,003,261. (See 1,356,608.)

2,012,846, M. T. Bentzen, Multiple outlet spout, filed May 11, 1938, D. C. Minn. (Minneapolis), Doc. E 3007, *General Metalware Co.* v. *W. L. Nelson (Broadway Hardware).*

2,012,902, J. A. Barkeij, Method and means of gas distribution in inlet manifolds for internal combustion engines, D. C., S. D. Calif. (Los Angeles), Doc. E 1022–M, *J. A. Barkeij* v. *Ford Motor Co.* Patent held invalid, bill dismissed May 11, 1938.

2,042,439. (See Re. 20,624.)

2,045,281, W. Mayer, Adjustable necktie, D. C., S. D. N. Y., Doc. E 85/217, *W. Mayer* v. *Warner Woven Label Co., Inc.* Consent order of discontinuance without prejudice (notice May 9, 1938).

2,050,844. (See 2,100,274.) 2,052,316. (See 1,573,374.)

2,100,274, B. Clayton et al., Process for refining oils; 2,100,275, same, Process of refining glyceride oils, filed Dec. 23, 1937, D. C. Del., Doc. E 1235; 2,050,844, E. M. James, Method of refining vegetable oils, included by counter-claim Jan. 10, 1938, *Refining, Inc.*, v. *Sharples Specialty Co.*

2,100,275. (See 2,100,274.) 2,102,242. (See 1,921,437.)

2,111,483, C. E. Trube, Electric coupling system, filed Apr. 19, 1938, D. C. Del., Doc. E 1260, *Hazeltine Corp.* v. *General Motors Corp.*

Re. 17,393. (See Re. 18,852.)

Re. 17,602, R. O. Nelson, Variable traffic signals, appeal filed May 11, 1938, C. C. A., 2d Cir., Doc. —, *The Engineering & Research Corp. et al.* v. *Horni Signal Mfg. Corp.*

Re. 18,011. (See 1,808,468.)

Re. 18,080, R. Gotz, Needle bearing, D. C. Del., Doc. E 1068, *L. Gotz et al.* v. *Universal Products Co., Inc.* Claims 1 to 6 incl., 8 and 9 held invalid Feb. 7, 1938.

Re. 18,841. (See Re. 18,852.)

Re. 18,852 (of Re. 18,841, Re. 17,393 and 1,622,957), J. Mayer, Hair waving method, D. C., S. D. Ohio, W. Div., Doc. E 850, *The Philad Co. et al.* v. *Murray's Beauty Salon et al.* Consent decree holding Re. 18,841 valid and infringed, injunction May 13, 1938. Appeal dismissed May 13, 1938.

Re. 19,028. (See 1,614,972.)

Re. 19,166. (See 1,477,894.)

Re. 19,638. (See 1,808,468.)

Re. 19,744, H. A. Wheeler, Volume control, D. C., N. D. Ill., E. Div., Doc. 14961, *Hazeltine Corp.* v. *Stewart-Warner Corp.* Consent order dismissing suit without prejudice Mar. 23, 1938. (To correct error in 490 O. G., p. 734, formerly published as Re. 19,774).

Re. 20,624 (of 2,042,439), L. J. White, Storage and dispensing apparatus, filed May 5, 1938, D. C. Tex. (Corpus Christi), Doc. E 108, *Southern Steel Co.* v. *Liquefied Gas Co.*

Re. 20,631. (See 1,560,763.)

Adjudicated Patents

(C. C. A. Calif.) Kasser patent, No. 1,489,944, for machine for processing eggs, claims 12, 14, 15, 28, and 29 *Held* not infringed. *Nye & Nissen* v. *Kasser Egg Process Co.*, 96 F.(2d) 420.

(C. C. A. Ill.) Waters patent, No. 1,684,900, for automobile circulation and heating system, claim 5 *Held* not infringed. *Tropic-Aire* v. *Auto Radiator Mfg. Co.*, 96 F.(2d) 345.

(C. C. A. Calif.) Kasser patent, No. 1,798,608, for egg loader and unloader machine, claims 1 and 8 *Held* not infringed. *Nye & Nissen* v. *Kasser Egg Process Co.*, 96 F.(2d) 420.

(C. C. A. Ill.) Butterfield patent, No. 1,884,141, for fitting for automotive vehicle heaters, claims 1 and 5 *Held* not infringed. *Tropic-Aire* v. *Auto Radiator Mfg. Co.*, 96 F.(2d) 345.

(C. C. A. Calif.) Mayer reissue patent, No. 18,841, for hair waving method, claim 6 *Held* invalid and claims 2 to 5, inclusive, *Held* valid and infringed. *Johnson Co.* v. *Philad Co.*, 96 F.(2d) 442.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,993,610, K. A. Kobe, Lachrymatory gas, decided April 26, 1938, claims 1, 2, 3, 5, 6, 8, 16, 17, and 18.

Pat. 2,001,870, H. A. Flogaus, Motor vehicle driving mechanism, decided June 14, 1938, claims 6 and 7.

Pat. 2,052,238, E. F. McDonald, Jr., Radio tuning and indicating apparatus, decided January 6, 1938, claim 1.

Pat. 2,079,671, Joseph Zubaty, Automobile chassis suspension construction, decided June 16, 1938, claim 4.

Pat. 2,081,627, W. A. Heinrich, Meter box, decided May 5, 1938, claim 5.

Disclaimers

1,410,499.—*Aladar Pacz*, Cleveland, Ohio. METAL AND ITS MANUFACTURE. Patent dated March 21, 1922. Disclaimer filed June 16, 1938, by the assignee, *General Electric Company.*

Hereby enters this disclaimer of claims 23, 24, 28, 29, 30, 31, and 32 of said patent.

And further disclaims from the scope of each of claims 25, 26, and 27 all filaments except filaments of the character therein described, which are made up mainly of grains of a size and contour comparable to the grains

of filaments produced in accordance with the processes described in the specification at page 1, line 89 to page 2, line 49, and page 2, lines 89 to 102.

1,822,710.—*Harry Pennington*, Houston, Tex. ROTARY DRILLING RIG. Patent dated September 8, 1931. Disclaimer filed June 16, 1938, by the patentee.

Hereby enters this disclaimer to claims 5, 6, 8 to 12, inclusive, and 15 to 32, inclusive.

1,987,867.—*Harold Olaf Peterson* and *De Witt Rugg Goddard*, Riverhead, N. Y. OSCILLATOR. Patent dated January 15, 1935. Disclaimer filed June 18, 1938, by the assignee, *Radio Corporation of America*.

Hereby enters this disclaimer to claims 1 and 4 of said Letters Patent.

2,063,552.—*Leopold J. Mensch*, Kenilworth, Ill. EXPANSION AND CONTRACTION JOINT FOR CONCRETE STRUCTURES. Patent dated December 8, 1936. Disclaimer filed June 18, 1938, by the patentee; the assignee, *Unit Dowel Joint Company*, consenting.

Hereby enters this disclaimer to that part of the disclosure of said patent which comprises figure numbered 4 and that part of the description describing the subject-matter of Fig. 4 of said patent, and particularly lines 75, column 1, page 3, and lines 1 to 35, inclusive, column 2, page 3, of said patent.

Further enters this disclaimer with respect to all of the claims of said patent, as follows, to-wit: The patentee disclaims any interpretation or construction of the claims of said patent which would cover the subject-matter of Fig. 4 disclaimed herein or any interpretation or construction or scope of said claims other than that which covers the embodiments of Figs. 1 to 3 and 5 to 8 of said patent.

2,099,434.—*Albert B. Culbertson, Jr.*, St. Louis, Mo. PROCESS FOR TREATING HYDROCARBONS. Patent dated November 16, 1937. Disclaimer filed June 16, 1938, by the assignee, *Standard Oil Company (Indiana)*.

Hereby enters this disclaimer to, but only to, those claims in said specification which are numbered 4, 5, 6, 7, 8, and 9.

Trade Mark Acts of February 20, 1905 and March 19, 1920—Amendments

[PUBLIC—No. 586—75TH CONGRESS]

[CHAPTER 332—3D SESSION]

[H. R. 9996]

AN ACT

To authorize the registration of certain collective trade-marks.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 1 of the Trade-Mark Act of February 20, 1905, as amended, is amended by adding at the end thereof the following new paragraph:

"By similar procedure, any natural or juristic person, including nations, States, municipalities, and the like, which exercises legitimate control over the use of a collective mark, may apply for and obtain registration of such mark."

SEC. 2. Section 1 (b) of the Trade-Mark Act of March 19, 1920, as amended, is amended to read as follows:

"(b) All other marks not registrable under the Act of February 20, 1905, as amended, except those specified in paragraphs (a) and (b) of section 5 of that act, including collective marks of natural or juristic persons, and nations, States, municipalities, and the like, exercising legitimate control over the use of the trade-mark sought to be registered even though not possessing an industrial or commercial establishment, which have been in bona fide use for not less than one year in interstate or foreign commerce, or commerce with the Indian tribes by the proprietor thereof, upon or in connection with any goods of such proprietor upon which a fee of $15 has been paid to the Commissioner of Patents and such formalities as required by the said Commissioner have been complied with: *Provided*, That trade-marks which are identical with a known trade-mark owned and used in interstate and foreign commerce, or commerce with the Indian tribes, by another and appropriated to merchandise of the same descriptive properties or which so nearly resemble a known trade-mark owned and used in interstate and foreign commerce or commerce with the Indian tribes by another and appropriated to merchandise of the same descriptive properties as to be likely to cause confusion or mistake in the mind of the public or to deceive purchasers, shall not be placed on this register."

SEC. 3. Section 4 of the Trade-Mark Act of February 20, 1905, as amended, is further amended by deleting therefrom the following: "*Provided further*, That subject to the provisions of section 5 of said Trade-Mark Act (U. S. C., title 15, sec. 85) registration of a collective mark may be issued to an association to which it belongs, which association is located in any such foreign country and whose existence is not contrary to the law of such country, even if it does not possess an industrial or commercial establishment:".

SEC. 4. Registrations heretofore granted under that portion of section 4 of the Trade-Mark Act of February 20, 1905, as amended, repealed by section 3 of this act, shall hereafter have the same force and effect as if granted under section 1 of this act, and applications pending under such portion of such section 4 shall be considered in accordance with the provisions of section 1 of this act.

SEC. 5. Section 29 of the Trade-Mark Act of February 20, 1905, is amended to read as follows:

"SEC. 29. In construing this act the following rules must be observed, except where the contrary intent is plainly apparent from the context thereof: The United States includes and embraces all territory which is under the jurisdiction and control of the United States. The word 'States' includes and embraces the District of Columbia, the Territories of the United States, and such other territory as shall be under the jurisdiction and control of the United States. The terms 'person' and 'owner', and any other word or term used to designate the applicant or other entitled to a benefit or privilege or rendered liable under the provisions of this act, include a firm, corporation, or association as well as a natural person. The term 'juristic person' includes a firm, corporation, association or similar organization capable of suing and being sued in a court of law. The terms 'applicant' and 'registrant' embrace the successors and assigns of such applicant or registrant. The term 'trade-mark' includes any mark which is entitled to registration under the terms of this act, and whether registered or not, and a trade-mark shall be deemed to be 'affixed' to an article when it is placed in any manner in or upon either the article itself or the receptacle or package or upon the envelope or other thing in, by, or with which the goods are packed or enclosed or otherwise prepared for sale or distribution."

Approved, June 10, 1938.

TRADE-MARKS

OFFICIAL GAZETTE, JULY 12, 1938

[VOL. 492. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 388,962. SYCAMORE COAL CORPORATION, Cinderella, W. Va. Filed Feb. 15, 1937.



For Coal.
Claims use since Oct. 13, 1936.

Ser. No. 402,805. VERMONT ASBESTOS CORPORATION, Hyde Park, Vt., and New York, N. Y. Filed Feb. 7, 1938.

RED CLOVER



For Asbestos Fibre.
Claims use since Oct. 29, 1937.

Ser. No. 403,710. SCRANTON FUEL COMPANY, Newark, N. J., and New York, N. Y. Filed Mar. 5, 1938.

SCRANTON FUEL COMPANY



All wording except "Old Colony" is disclaimed apart from the mark.
For Anthracite Coal.
Claims use since Mar. 1, 1926.

Ser. No. 405,613. JOHN PARMENTIER, doing business as Parmentier's Roses, Bayport, Long Island, N. Y. Filed Apr. 22, 1938.

XL-ALL

For Horticultural Growths and Nursery Stocks, Particularly Rose Bushes, Rose Plants, Rose Stocks, Rooted Rose Cuttings, Potted Rose Plants, and Cut Flowers.
Claims use since December, 1935.

Ser. No. 405,633. THE CONSOLIDATED COAL COMPANY, St. Louis, Mo. Filed Apr. 23, 1938.

BUCKHORN

For Coal.
Claims use since Feb. 15, 1938.

Ser. No. 405,771. B. D. EISENDRATH TANNING COMPANY, Chicago, Ill. Filed Apr. 27, 1938.

VENUS CALF

For Calfskin leather.
Claims use since July 6, 1931.

Ser. No. 406,053. GOLF AND LAWN SUPPLY CORPORATION, Scarsdale, N. Y. Filed May 6, 1938.

WESTCHESTER GREEN



The wording is disclaimed apart from the mark.
For Lawn Grass Seed.
Claims use since Mar. 1, 1933.

Ser. No. 406,430. NEW HAMPSHIRE DIATOMITE COMPANY, Portsmouth, N. H. Filed May 17, 1938.

OPALEX
PARATEX

For Filler for Rubber, Asphalt, and Similar Compositions.
Claims use since Mar. 30, 1938.

Ser. No. 406,463. MAX B. MILLER & CO. INC., New York, N. Y. Filed May 18, 1938.

X-YTE

For Aluminum Earth Filtering Materials, Particularly for Treating Oils.
Claims use since May 6, 1938.

CLASS 2

Receptacles

Ser. No. 405,866. THE PURITY PAPER VESSELS COMPANY, Baltimore, Md. Filed Apr. 29, 1938.

PUR-NEST

For Paper Cups and Other Paper Containers.
Claims use since Apr. 22, 1938.

Ser. No. 406,024. LIMPERT BROS. INC., Vineland, N. J. Filed May 5, 1938.

Vine-et

For Paper Cartons Sold Empty.
Claims use since Feb. 8, 1938.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 403,639. CLASSY LEATHER GOODS CORPORATION, New York, N. Y. Filed Mar. 3, 1938.

Pearl-Loid Calf

The words "Pearl" and "Calf" are disclaimed apart from the mark.
For Ladies' Handbags.
Claims use since April, 1937.

Ser. No. 405,219. OSHKOSH TRUNKS, INC., Oshkosh, Wis. Filed Apr. 13, 1938.

NIGHT-FLIGHT

For Hand Luggage—Namely, Wardrobe Cases.
Claims use since Feb. 15, 1938.

Ser. No. 406,920. COLUMBIAN ART WORKS, INC., Milwaukee, Wis. Filed May 31, 1938.

Secre-Check

For Wallets, Billfolds, and Check Pad Carriers.
Claims use since Apr. 21, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 399,070. GEORGE S. BROWN, JR., doing business as Coastal Chemical Company, Savannah, Ga. Filed Oct. 29, 1937.

NU SPARKLE

For Liquid Preparation for Cleaning Window Glass.
Claims use since Oct. 11, 1937.

Ser. No. 401,361. IDA E. SIEFEN, doing business as J. J. Siefen Company, Detroit, Mich. Filed Dec. 29, 1937.

NUGLU

The drawing is lined for red. The word "Nuglu" is disclaimed apart from the mark.
For Abrasive Bond in Paste-Like Form for Setting Up Polishing Wheels and Belts.
Claims use since Dec. 15, 1936.

Ser. No. 401,739. GERARD BROTHERS LIMITED, Nottingham, England. Filed Jan. 10, 1938.

SOBANO

For Toilet Soaps.
Claims use since 1919.

Ser. No. 406,319. F. W. WOOLWORTH CO., Watertown and New York, N. Y. Filed May 13, 1938.

Elita
COLD CREAM SOAP

The drawing is lined for purple. The words "Cold Cream Soap" are disclaimed apart from the mark.
For Cold Cream Soap.
Claims use since June 6, 1932.

Ser. No. 406,656. ARRETIS ROGERS, doing business as Win-Brite Co., Muncie, Ind. Filed May 23, 1938.

Win-Brite

The word "Brite" is disclaimed apart from the mark.
For Glass Cleaner Preparation for Windows and Windshields.
Claims use since Apr. 28, 1938.

CLASS 5

Adhesives

Ser. No. 401,327. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Filed Dec. 29, 1937.

Accotex

For Resin Type Adhesives.
Claims use since Sept. 10, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 393,858. EDGAR C. KAYE, Gurnee, Ill. Filed June 9, 1937.

LIME LIGHT

For Tooth Paste.
Claims use since Feb. 4, 1937.

Ser. No. 395,973. JOHANN A. WÜLFING, Berlin, Germany. Filed Aug. 3, 1937.

Keradorm

For Sleep Inducing Agents and Preparations.
Claims use since Apr. 28, 1937.

Ser. No. 401,366. DR. BALLOWITZ & CO. CHEMISCH-PHARMAZ. FABRIC G. M. B. H., Berlin-Pankow, Germany, assignor to Split-Tablets Corporation, a corporation of New York. Filed Dec. 30, 1937.

Split-tablets
Dr. Ballowitz & Co.

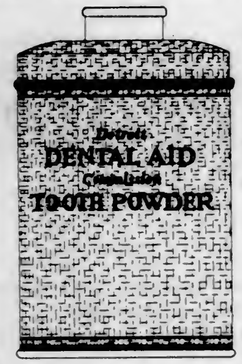
The words "Split Tablets" and the representation of the split tablet are disclaimed apart from the mark.
For Preparation for the Treatment of Headache.
Claims use since Jan. 15, 1932.

Ser. No. 401,740. GERARD BROTHERS LIMITED, Nottingham, England. Filed Jan. 10, 1938.

SOBANO

For Toilet Preparations—Namely, Brilliantine, Hair Lotion, Bath Crystals, Smelling Salts, Perfume, Dental Cream and Pastes, and Talcum Powder.
Claims use since 1919.

Ser. No. 402,294. DETROIT DISTRICT DENTAL SOCIETY, Detroit, Mich. Filed Jan. 25, 1938.



The mark consists of a design formed of a rectangular yellow panel bordered by two blue bands one adjacent the top and the other adjacent the bottom thereof.

The words "Detroit Dental Aid Commission Tooth Powder" apart from the mark and the representation of the container colored yellow are disclaimed.

For Tooth Powder.

Claims use since June 1, 1933.

Ser. No. 403,278. MICHEL RIGAUD, Neuilly, France. Filed Feb. 21, 1938.

DUKE FINGARD

For Pharmaceutical Preparations Formed by a Mixture of Tar, Creosol, Creosote, Phenol, Formyl, and Glycerine to be Inhaled for Treatment of the Respiratory Organs.

Claims use since Oct. 26, 1937.

Ser. No. 404,828. AYERST, MCKENNA & HARRISON (UNITED STATES), LIMITED, Rouses Point, N. Y. Filed Apr. 4, 1938.

ALPHAMIN

For Vitamin and Mineral Product for Use as a Dietary Supplement or as a Therapeutic Agent.

Claims use since Mar. 9, 1938.

Ser. No. 404,852. HARLEE S. JACKSON, doing business as Golden Age Products, Philadelphia, Pa. Filed Apr. 4, 1938.



For Mineral and Vegetable Tonic Used as a Laxative and Diuretic.

Claims use since Jan. 2, 1938.

Ser. No. 405,058. HELEN C. CARTER, Los Angeles, Calif. Filed Apr. 9, 1938.

SHRINE OF BEAUTY

The word "Beauty" is disclaimed apart from the mark.

For Hair and Scalp Conditioner, Face Powder, Lip Rouge, Liquid Powder, Clay Pack, Sweat Cream, Powder Base, Soapless Shampoo, Tissue Builder, Liquid Pore Cleaner, Skin Freshener, Cuticle Cream, Nail Enamel Remover, Dead Skin Remover, Face Rouge, Muscle Oil, Astringent, Nail Enamel.

Claims use since Dec. 22, 1937.

Ser. No. 405,132. RICHMOND WOOD WORKING COMPANY, Richmond, Va. Filed Apr. 11, 1938.

RICHCO

For Embalming Fluids, Cosmetics, and Other Medical Preparations Used for the Preservation and Beautifying of the Dead.

Claims use since Mar. 4, 1938.

Ser. No. 405,241. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Apr. 14, 1938.

ETHOMELT

For Compositions Comprising Ethyl Cellulose and Wax for Coating Paper, Foils, Fabrics, Etc.

Claims use since Mar. 3, 1938.

Ser. No. 405,261. LOESER LABORATORY, INCORPORATED, New York, N. Y. Filed Apr. 14, 1938.

Panosil

For Colloidal Preparation Dissolved in Mineral Oil for the Purpose of Making an Antiseptic in an Oil Base Which Can Be Used in the Nose and Throat for the Purpose of Destroying Germs.

Claims use since Apr. 5, 1938.

Ser. No. 405,288. L. H. DAY & CO., Washington, D. C. Filed Apr. 15, 1938.

POLO RUB

No claim is made to the word "Rub" apart from the mark.

For Liniment for the Treatment of Muscular Sprains, Stiffness and Soreness, and Pains and Aches in the Muscles.

Claims use since Mar. 28, 1938.

Ser. No. 405,303. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed Apr. 15, 1938.

I-SEDRIN COMPOUND

The word "Compound" is disclaimed apart from the mark.

For Medicinal Preparation Containing Ephedrine and Sodium Ethyl Mercuri Thiosalicylate, Useful, Among Other Things, for Shrinking Mucous Membranes.

Claims use since Feb. 22, 1938.

Ser. No. 405,304. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed Apr. 15, 1938.

I-SEDRIN PLAIN

The word "Plain" is disclaimed apart from the mark.

For Medicinal Preparation Containing Ephedrine Useful, Among Other Things, for Shrinking Mucous Membranes.

Claims use since Nov. 23, 1937.

Ser. No. 405,382. ROBERT F. CARTWRIGHT, doing business as Labcony, New York, N. Y. Filed Apr. 18, 1938.

Lily Pads

The word "Pads" is disclaimed apart from the mark.

For Chemically Treated Pads for Removing Nail Polish.

Claims use since Feb. 4, 1938.

Ser. No. 405,451. WILLIAM S. LITTLE, Montgomery, Ala. Filed Apr. 19, 1938.

"Littles'

JOY  MAKER"

The portrait is that of the applicant.

For Salve for Rheumatism, Aches, Pains, Athlete's Foot, Headaches, Pleurisy, Corns, Bunions, and Analogous Foot Ailments.

Claims use since Mar. 10, 1938.

Ser. No. 405,588. EDGAR J. CALLAHAN, Hialeah, Fla. Filed Apr. 22, 1938.



For Ointment for External Use in the Treatment of Boils, Pimples, Piles, Sores, and the Like.

Claims use since Apr. 5, 1938.

Ser. No. 405,608. LOESER LABORATORY, INCORPORATED, New York, N. Y. Filed Apr. 22, 1938.

CALPHODEX

For Medicinal Preparation Derived from Milk for the Treatment of Calcium and Phosphorus Deficiency.

Claims use since Apr. 18, 1938.

Ser. No. 405,620. STA-RITE HAIR PIN COMPANY, Shelbyville, Ill. Filed Apr. 22, 1938.

Ginnie-Lou

For Cosmetics, viz., Creme Rouge, Nail Polish Remover Pads Impregnated with a Preparation to Facilitate the Removal of Nail Polish, Facial Cleansing Pads Impregnated with a Preparation to Facilitate the Removal of Facial Preparations, Etc., and Pads Impregnated with Hand Lotion.

Claims use since Jan. 22, 1937.

Ser. No. 405,717. JAMES C. CASSONE, Allentown, Pa. Filed Apr. 26, 1938.

LOTIER

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, and Solid Form; Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcium Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Depilatories, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Apr. 13, 1938.

Ser. No. 405,782. DOROTHY GRAY SALONS, Bloomfield, N. J. Filed Apr. 27, 1938.

PORTRAIT

For Face Powder.

Claims use since Mar. 16, 1938.

Ser. No. 405,841. BINNEY & SMITH CO., New York, N. Y. Filed Apr. 29, 1938.

PLASTAID

For Chemical Compounds Used in the Softening of Rubber and Similar Materials.

Claims use since Apr. 14, 1938.

Ser. No. 405,875. ANDREW H. GILLAND, doing business as Health Guard Laboratories, Muncie, Ind. Filed Apr. 30, 1938.



The word "Antiseptic" is disclaimed apart from the mark.
For Antiseptic.
Claims use since Feb. 26, 1938.

Ser. No. 405,901. STAUFFER CHEMICAL COMPANY, New York, N. Y., and San Francisco, Calif. Filed Apr. 30, 1938.

HUMIDUST



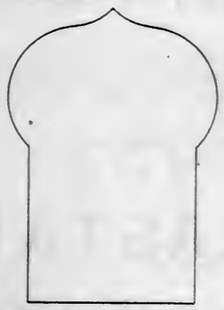
For Insecticides and Fungicides.
Claims use since May, 1937.

Ser. No. 405,921. FAN TAN COMPANY, INC., doing business as The Glo-Dent Tooth Powder Co., Chicago, Ill. Filed May 2, 1938.

GLO-DENT

For Tooth Powder.
Claims use since Mar. 7, 1938.

Ser. No. 405,938. SCHERING CORPORATION, Bloomfield, N. J. Filed May 2, 1938.



For Laxative Preparation.
Claims use since Aug. 1, 1932.

Ser. No. 405,963. JAMES B. JONES, Evanston, Ill. Filed May 3, 1938.

Sprayette

For Solution Used as a Hair Reviver.
Claims use since March, 1937.

Ser. No. 406,001. THEODORE A. RICHTER, New York, N. Y. Filed May 4, 1938.

CARQ

THE FOUR POINT

For Hair Tonic.
Claims use since Feb. 16, 1938.

Ser. No. 406,014. G. W. CARNRICK CO., Newark, N. J. Filed May 5, 1938.

HEMOCHROMIN

For Combination of Ferrous Sulphate and Liver Extract for Use in the Treatment of Secondary or Hypochromic Anemias.
Claims use since Apr. 29, 1938.

Ser. No. 406,018. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed May 5, 1938.

OCTOIL

For High Boiling Oily Esters, Such as 2-Ethyl Hexyl Phthalate, 2-Ethyl Hexyl Sebacate, and the Like.
Claims use since Apr. 7, 1938.

Ser. No. 406,257. LUCIDOL CORPORATION, Buffalo, N. Y. Filed May 12, 1938.

LUPERCO

For Compounds or Mixtures Containing Organic Peroxides in Combination With Organic or Inorganic Fillers or Diluents.
Claims use since April, 1938.

Ser. No. 406,427. LIGHTFOOT SCHULTZ CO., New York, N. Y. Filed May 17, 1938.

Figuraid

For Reducing or Slenderizing Lotion for External Use.
Claims use since May 6, 1938.

Ser. No. 406,431. PARFUMERIE F. MILLOT, SOCIÉTÉ ANONYME, Paris, France. Filed May 17, 1938.

RECITAL

For Perfume, Eau de Cologne, Lotion for the Face, Hands, and Hair, Toilet Powders, Rouges.
Claims use since Feb. 4, 1931.

Ser. No. 406,639. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed May 23, 1938.



For Insecticides and Fungicides, a Spray Compound for Improving the Distribution of Insecticidal and Fungicidal Sprays, Sodium, Calcium, and Silicate Compounds, Particularly Sodium Hydroxide, Sodium Silicate, and Lime.
Claims use since January, 1930.

Ser. No. 406,936. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed May 31, 1938.

EMPLETS

For Line or Group of Enteric Coated Tablets.
Claims use since July 10, 1928.

Ser. No. 406,964. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed June 1, 1938.

ORTHOLEUM

For Chemicals Used in the Manufacture of Lubricants.
Claims use since Apr. 4, 1938.

CLASS 7

Cordage

Ser. No. 401,551. JAMES H. BILLINGTON CO., Philadelphia, Pa. Filed Jan. 5, 1938.



The mark consists of a red thread which appears at regular intervals at the surface of the completed banding. The representation of the goods per se is disclaimed. The drawing is lined for red.
For Mule Banding Made of Vegetable Fibers.
Claims use since Sept. 13, 1902.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 401,872. ARTHUR R. RAPP, doing business as Arthur R. Rapp Company, Chicago, Ill. Filed Jan. 13, 1938.

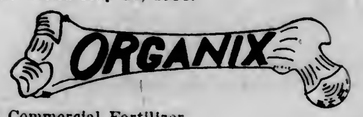


No claim is made to the word "Nix" apart from the mark.
For Cigarette Holders and Smoke Filters for Same.
Claims use since 1933.

CLASS 10

Fertilizers

Ser. No. 406,598. JAMES METCALFE MURRAY, Garden City, N. Y. Filed May 21, 1938.



For Commercial Fertilizer.
Claims use since Feb. 1, 1938.

Ser. No. 406,953. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed May 31, 1938.

NITRODOL

For Commercial Fertilizers or Plant Food, Consisting of Nitrogen, Lime, and Magnesium.
Claims use since Apr. 14, 1938.

CLASS 12

Construction Materials

Ser. No. 399,201. NIELS RASMUSSEN & H. SCHIØTZ, Frederiksberg, near Copenhagen, Denmark. Filed Nov. 1, 1937.

SAPOLITE

For Mixture of Organic Adhesive and a Mineral Filling of Granulous or Fibrous Nature for Use as a Covering Surface for Roofs of Different Kinds, and as a Weatherproofing Surface for Concrete or Brick Structures, and as a Sound Insulating Surface for Walls and the Like, and as a Covering for Roads of Macadam or Concrete, and as a Filling for the Expansion Joints of Concrete Roads of the like.
Claims use since 1935.

Ser. No. 403,092. RAYSTEEL SPECIALTIES, INC., Cleveland, Ohio. Filed Feb. 16, 1938.

SENTRY *Stop-a-Draft*

The words "Stop a Draft" are disclaimed apart from the mark.
For Weatherstrip.
Claims use since Jan. 24, 1938.

Ser. No. 404,136. RAIL STEEL BAR ASSOCIATION, Chicago, Ill. Filed Mar. 16, 1938.



For Rail-Steel Concrete Reinforcement Bars.
Claims use since Dec. 11, 1937.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 398,896. G. W. AUTO DEVICE CO., Pittsburgh, Pa. Filed Oct. 25, 1937.

GW

For Safety Cut-Off Valve for Hydraulic Brake Systems.
Claims use since Feb. 16, 1937.

Ser. No. 400,281. GAS LIFT CORPORATION, Dallas, Tex. Filed Nov. 26, 1937.



No claim is made to the words "Valves" and "Dallas" apart from the mark.
For Gas Lift Apparatus—Namely, Gas Lift Valves and Fittings and Parts Therefor.
Claims use since Oct. 1, 1936.

Ser. No. 405,348. C. F. CHURCH MFG. CO., Willimansett, Mass. Filed Apr. 16, 1938.

CHURCH
MOL-TEX

For Toilet Seats.
Claims use since Feb. 25, 1938.

Ser. No. 406,975. HOFFMAN SPECIALTY COMPANY, Waterbury, Conn. Filed June 1, 1938.

VENTOR

For Air Valves for Steam-Heating Systems.
Claims use since May 27, 1938.

Ser. No. 406,976. HOFFMAN SPECIALTY COMPANY, Waterbury, Conn. Filed June 1, 1938.

BUDGET

For Air Valves for Steam-Heating Systems.
Claims use since May 27, 1938.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 404,841. EASTERN SMELTING & REFINING CORP., Boston, Mass. Filed Apr. 4, 1938.



No claim is made to the words "Precious Metals" and "Boston, Mass." apart from the mark.
For Precious Metals—Namely, Gold, Silver, and Platinum, and Alloys Made of These Metals.
Claims use since Feb. 20, 1936.

Ser. No. 406,808. INLAND STEEL COMPANY, Chicago, Ill. Filed May 27, 1938.

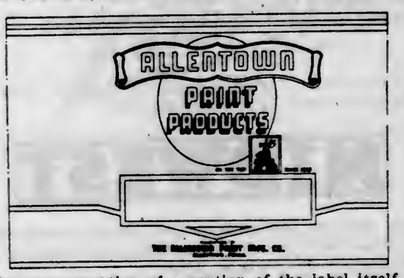
LEDLOY

For Open Hearth Steel.
Claims use since May 14, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 404,282. THE ALLENTOWN PAINT MANUFACTURING COMPANY, Allentown, Pa. Filed Mar. 19, 1938.



The representation of a portion of the label itself and the words "Allentown", "Paint Products", "Manufactured by", and "Allentown, Penna.", are disclaimed except as shown.
For Paste and Ready-Mixed Outside House Paints, Ready-Mixed Inside and Outside Flat Paints, Gloss and Semi-Gloss Inside and Outside Paint Enamels, Ready-Mixed and Paste Metallic Oxide Paints, Ready-Mixed Concrete and Brick Paints, Putties, Bronze Paints, Paint and Varnish Removers, Paste and Ready-Mixed Fillers, Driers, Prepared Shellac, Stains, Varnishes, and Oil-Colors.
Claims use since Nov. 12, 1937.

CLASS 17

Tobacco Products

Ser. No. 383,903. JNO. H. SWISHER & SON, INC., Jacksonville, Fla. Filed Oct. 2, 1936.



The representation of the band or label and the words "Mild Tobaccos" are disclaimed apart from the mark.
For Cigars.
Claims use since Jan. 1, 1918.

Ser. No. 403,604. JOHN MIDDLETON INC., Philadelphia, Pa. Filed Mar. 2, 1938.

THE
WALNUT
AROMATIC BLEND

The words "Aromatic Blend" are disclaimed apart from the mark.
For Smoking Tobacco, Cigars, and Cigarettes.
Claims use since May 1, 1895.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 405,042; HARRY E. WEISSBERG, San Diego, Calif. Filed Apr. 8, 1938.



The map, the representation of the goods, and all notations except "Challenger", "Sportster", and "Roll-a-long", are disclaimed apart from the mark.
For House and Camp Trailers.
Claims use since Feb. 19, 1938.

Ser. No. 405,941. THE SLEETEX CO. INC., New York, N. Y. Filed May 2, 1938.

RAIN KING

For Vehicle Windshield Wiper Blades.
Claims use since Feb. 10, 1938.

CLASS 20

Linoleum and Oiled Cloth

Ser. No. 405,843. CARTHAGE MILLS INCORPORATED, Cincinnati, Ohio. Filed Apr. 29, 1938.



For Felt Base Floor Coverings.
Claims use since Feb. 3, 1938.

Ser. No. 406,889. STANDARD COATED PRODUCTS CORPORATION, Buchanan, Cortlandt, N. Y. Filed May 28, 1938.

MERITAS

For Table, Shelf, Stair, Floor, and Enameled Oilcloth.
Claims use since Dec. 17, 1904.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 394,955. RCA MANUFACTURING COMPANY, INC., Camden, N. J. Filed July 7, 1937.

PAK-O-POWR

No claim is made to the word "Powr" apart from the mark.

For Devices of the Type Using a Vibratory-Switch Current-Interrupter-Rectifier Means Together with Voltage Transforming and Filtering Means to Convert Direct Current of One Voltage into Direct Current of Another Voltage, and Parts Thereof.
Claims use since Apr. 15, 1937.

Ser. No. 396,150. JAMES B. MARIS, doing business as J. B. Maris Co., Bloomfield, N. J. Filed Aug. 7, 1937.

MARCO

For Aquarium Equipment Such as Thermostatically Controlled Electric Heaters.
Claims use since February, 1932.

Ser. No. 397,495. THE BLACK & DECKER MANUFACTURING COMPANY, Towson, Md. Filed Sept. 17, 1937.

SHORTY

The representation of the drill is disclaimed apart from the mark.

For Electrical Apparatus and Machines and Accessories, Consisting of Portable Electric Tools for Use in Such Craft Work as Drilling, Boring, Grinding, Buffing, Burnishing, Screw Driving, Nut Running, and the like.
Claims use since Aug. 31, 1937.

Ser. No. 401,865. HONEL A. JACKSON, doing business as The Jackson Electrode Holder Co., Detroit, Mich. Filed Jan. 13, 1938.

QUALITY JACKSON PRODUCTS

The words "Quality Products" are disclaimed apart from the mark.

For Welding Electrode Holders.
Claims use since December, 1936.

Ser. No. 402,247. THE CERAMIC MACHINERY COMPANY, Hamilton, Ohio. Filed Jan. 24, 1938.

MIDWEST

For Electric Locomotives, Gas Electric Locomotives, and Diesel-Electric Locomotives, and Parts Thereof.
Claims use since August, 1928.

Ser. No. 402,926. AUTO-LEC STORES, INC., New Orleans, La. Filed Feb. 11, 1938.

MOTO-PRIDE

For Storage Batteries and Spark Plugs.
Claims use since 1935.

Ser. No. 403,450. THE FIBRE CONDUIT COMPANY, Orangeburg, N. Y. Filed Feb. 26, 1938. Under 10-year proviso.

ORANGEBURG

For Conduit, Ducts, and Pipes Made of Fibre Composition, in Which Electric Wires or Cables Are Laid, and Fittings for the Same.
Claims use since December, 1893.

Ser. No. 404,519. THE FIBRE CONDUIT COMPANY, Orangeburg, N. Y. Filed Mar. 26, 1938.

NO-CRETE

For Conduit, Ducts, and Pipes Made of Fibre Composition, in Which Electric Wires or Cables Are Laid, and Fittings for the Same.
Claims use since Mar. 9, 1938.

Ser. No. 405,347. CINAUDAGRAPH CORPORATION, Stamford, Conn. Filed Apr. 16, 1938.

MAGNALLOY

For Permanent Magnets of Cast, Molded, or Pressed Material.
Claims use since Apr. 6, 1938.

Ser. No. 405,350. DETROLA CORPORATION, Detroit, Mich. Filed Apr. 16, 1938.

DETROLA

For Radio Receiving Sets and Component Parts.
Claims use since June 20, 1931.

Ser. No. 406,160. ZENITH RADIO CORPORATION, Chicago, Ill. Filed May 9, 1938.

ZENIFONE

For Radio Frequency and Audio Frequency Transmitting and Receiving Apparatus, and Parts Thereof.
Claims use since May 6, 1938.

Ser. No. 406,161. ZENITH RADIO CORPORATION, Chicago, Ill. Filed May 9, 1938.

ZENITH RAVOX

For Radio Frequency and Audio Frequency Transmitting and Receiving Apparatus and Parts Thereof.
Claims use since May 6, 1938.

Ser. No. 406,162. ZENITH RADIO CORPORATION, Chicago, Ill. Filed May 9, 1938.

RAVOX

For Radio Frequency and Audio Frequency Transmitting and Receiving Apparatus, and Parts Thereof.
Claims use since May 6, 1938.

Ser. No. 406,182. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed May 10, 1938.

Double Eagle

For Spark Plugs.
Claims use since Nov. 1, 1937.

Ser. No. 406,246. THE P. A. GEIER COMPANY, Cleveland, Ohio. Filed May 12, 1938.



The trade-mark consists in generally triangular areas colored blue and black, separated by a diagonal line of division, so provided as to furnish an upper generally triangular area in blue and a lower generally triangular area in black. The mark is applied to the goods in this manner by forming a front or side of a suction cleaner bag of materials of said colors. The representation of the goods per se is disclaimed. The drawing is lined for blue and black.

For Electrically Operated Suction Cleaners and Parts Thereof and Attachments and Accessories Therefor.
Claims use since Sept. 20, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 400,922. PETER SCHOU ØSTBYE, Oslo, Norway. Filed Dec. 16, 1937.

SPLITKEIN

For Skis, Ski Bindings, Ski Poles, Bandy and Hockey Sticks.
Claims use since September, 1934.

Ser. No. 403,235. NORCROSS, New York, N. Y. Filed Feb. 19, 1938.

SUSIE-Q

For Dolls.
Claims use since Jan. 31, 1938.

Ser. No. 407,057. THE CRAVENETTE COMPANY, U. S. A., Hoboken, N. J. Filed June 3, 1938.

"Cravenette"

For Fish-Line.
Claims use since February, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 392,125. INDESTRO MANUFACTURING CORP., Chicago, Ill. Filed May 1, 1937.

WRENCH-RAK

The word "Wrench" is disclaimed apart from the mark.
For Wrenches and Wrench Sets.
Claims use since Mar. 8, 1937.

Ser. No. 392,137. THE ELLIOTT ADDRESSING MACHINE COMPANY, Cambridge, Mass. Filed May 1, 1937.

Elliott
ADDRESSING MACHINES

The words "Addressing Machines", per se, are disclaimed.
For Addressing Machines and Stencil Printing Apparatus and Attachments Therefor, and Printing Devices for Use Therewith.
Claims use since Apr. 29, 1937.

Ser. No. 392,537. CHARLES L. JAMES, San Francisco, Calif. Filed May 10, 1937.

HANDY ANDY

For Hand-Operated Razor Blade Stropping Devices.
Claims use since Nov. 24, 1934.

Ser. No. 397,234. WICKWIRE SPENCER STEEL COMPANY, New York, N. Y. Filed Sept. 8, 1937.

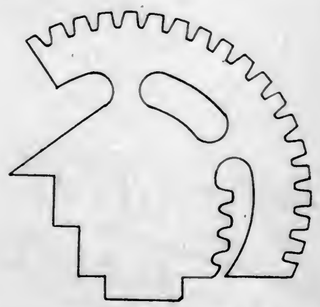
For Metal Conveyor Belts.
Claims use since May 1, 1934.

Ser. No. 400,077. THE WARR FIRE EXTINGUISHER COMPANY, INCORPORATED, Baltimore, Md. Filed Nov. 23, 1937.



The portrait is that of E. H. Warr, an officer of the corporation.
For Portable Hand Fire Extinguishers.
Claims use since Aug. 4, 1937.

Ser. No. 402,708. BRADLEY MACHINERY CO., Rockford, Ill. Filed Feb. 5, 1938.



For Precision Boring Machines, Planers, Shapers, Lathes, Drillpresses, and Special Machinery.
Claims use since Sept. 1, 1933.

Ser. No. 403,554. NEO-TECHNI-PRODUCTS CORP., Brooklyn, N. Y. Filed Mar. 1, 1938.

The SCIENTIFIC WAY TO SUN-TAN SPRAY TAN

No claim is made to the words "The Scientific Way to Sun-Tan", "Spray Tan", and the representation of the spray nozzle apart from the mark.
For Liquid Spraying Machines.
Claims use since June, 1937.

Ser. No. 404,598. THE BUCKEYE TRACTION DITCHER COMPANY, Findlay, Ohio. Filed Mar. 29, 1938.

MEVAC

For Vacuum Control Mechanism for Controlling the Operation of the Dirt Handling Device and Traction Units on Excavating Machines.
Claims use since October, 1937.

Ser. No. 404,693. THE CUSHMAN MOTOR WORKS, Lincoln, Nebr. Filed Mar. 31, 1938.



All notations except the word "Husky" and the corporate name are disclaimed.
For Internal Combustion Engines and Structural Parts Thereof.
Claims use since Feb. 2, 1930.

Ser. No. 405,088. MELVILLE D. TRUESDALE, doing business as The Melidale Company, Stamford, Conn. Filed Apr. 9, 1938.

"AL-DRI"

For Bottle Openers.
Claims use since Mar. 1, 1938.

Ser. No. 405,120. JADSON MOTOR PRODUCTS CO., Bell, Calif. Filed Apr. 11, 1938.

JADSON SUPERIOR Motor Products

The words "Superior Motor Products" are disclaimed apart from the mark.
For Motor Valves, Valve Grinders, Valve Seats, and Piston Pins.
Claims use since Feb. 15, 1938.

Ser. No. 405,426. SYNCRO DEVICES, INCORPORATED, Detroit, Mich. Filed Apr. 18, 1938.

SYNCRO BEE

For Internal Combustion Engines and Parts Thereof.
Claims use since Apr. 9, 1938.

Ser. No. 405,670. GEORGE H. SELTZER, doing business as George H. Seltzer Company, Drexel Hill, Pa. Filed Apr. 23, 1938.

ZIP

For Machine Tool Equipment—Namely, Slot Bolts, Slot Nuts and Other Nuts, Washers, Step Blocks, Studs, Clamps, Wedges and Shaft Keyseaters.
Claims use since Jan. 4, 1936.

Ser. No. 406,197. J. K. SMIT & SONS, INC., New York, N. Y. Filed May 10, 1938.

HI-CASTE

For Diamond Core Bits, Diamond Dressing Tools, and Diamond Cutting Tools.
Claims use since May 5, 1938.

CLASS 25

Locks and Safes

Ser. No. 406,222. LOCKWOOD HARDWARE MANUFACTURING Co., Fitchburg, Mass. Filed May 11, 1938.

BOR-IN

For Lock Sets.
Claims use since Mar. 28, 1938.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 404,455. PATTERSON O. STEWART, doing business as Electro Products Company, New York, N. Y. Filed Mar. 24, 1938.

MIXTURE MASTER

No claim is made to the word "Mixture".
For Combustion Indication Apparatus for Use in Testing Gas Mixture Operating Condition of Internal Combustion Engines.
Claims use since Feb. 6, 1937.

Ser. No. 406,114. MAX BRESSLER, doing business as General Products Company, Chicago, Ill. Filed May 9, 1938.

CLIX CAMERA

The word "Camera" is disclaimed apart from the mark.
For Cameras.
Claims use since Apr. 1, 1938.

Ser. No. 406,115. MAX BRESSLER, doing business as General Products Company, Chicago, Ill. Filed May 9, 1938.

CANDEX CAMERA

The word "Camera" is disclaimed apart from the mark.
For Cameras.
Claims use since Apr. 1, 1938.

CLASS 27

Horological Instruments

Ser. No. 406,327. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed May 14, 1938.

HEIRESS OF TIME

For Watches—Namely, Wrist or Strap Watches.
Claims use since Dec. 1, 1937.

Ser. No. 406,336. GENERAL TIME INSTRUMENTS CORPORATION, New York, N. Y., and La Salle, Ill. Filed May 14, 1938.

BLACK CHIEF

For Clocks and Watches.
Claims use since Apr. 26, 1938.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 404,297. DODGE, INCORPORATED, Los Angeles, Calif. Filed Mar. 21, 1938.

QUEEN VICTORIA

For Precious-Metal Plated Tableware Including Flatware and Hollow Ware and the Like.
Claims use since January, 1937.

CLASS 29

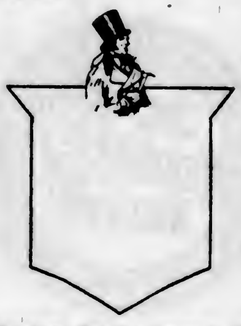
Brooms, Brushes, and Dusters

Ser. No. 406,439. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Filed May 18, 1938.

SMOOTHIE

For Manicure and Cosmetic Brushes.
Claims use since Apr. 8, 1938.

Ser. No. 406,517. LONDON HOUSE, LTD., New York, N. Y. Filed May 19, 1938.



For Hair Brushes, Shaving Brushes, Hand Brushes, Bath Brushes, Shampoo Brushes, Tooth Brushes, and Toilet Brushes.
Claims use since Mar. 16, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 404,953. THE PECK, STOW & WILCOX COMPANY, Southington, Conn. Filed Apr. 6, 1938.

TOOL ISLAND

The word "Island" is disclaimed apart from the mark.
For Display and Storage Cabinets for Vendable Merchandise.
Claims use since Feb. 15, 1938.

Ser. No. 406,449. MEYER GREITZER, Los Angeles, Calif. Filed May 18, 1938.

CERTICHROME

For Furniture—Namely, Chairs, Seats, Settees, Stools, Tables, Stands, Foot-Stools, Costumers, Hall Racks, Hat Racks, and Writing Desks, Constructed Wholly or Partially from Metal.
Claims use since Apr. 4, 1938.

Ser. No. 406,535. UNITED FURNITURE STORES, Chicago, Ill. Filed May 19, 1938.

HERITAGE

For Kitchen Furniture—Namely, Tables, Chairs, Servers, Cabinets; Juvenile Furniture—Namely, Desks, Tables, Chairs, Dressers, Chests, Novelty Furniture, Mattresses, and Bed Springs.
Claims use since Feb. 19, 1928.

CLASS 33

Glassware

Ser. No. 403,794. UNITED STATES GLASS CO., Pittsburgh, Pa. Filed Mar. 7, 1938.

Carnival

For Glass Tableware and Glass Bar Ware.
Claims use since Feb. 10, 1938.

Ser. No. 403,795. UNITED STATES GLASS CO., Pittsburgh, Pa. Filed Mar. 7, 1938.

Elysia

For Glass Tableware and Glass Bar Ware.
Claims use since Feb. 10, 1938.

Ser. No. 403,797. UNITED STATES GLASS CO., Pittsburgh, Pa. Filed Mar. 7, 1938.

Gossamer

For Glass Tableware and Glass Bar Ware.
Claims use since Feb. 10, 1938.

Ser. No. 403,800. UNITED STATES GLASS CO., Pittsburgh, Pa. Filed Mar. 7, 1938.

Fantasy

For Glass Tableware and Glass Bar Ware.
Claims use since Feb. 10, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 392,023. CAN-O-LITES MANUFACTURING CORP., Youngstown, Ohio. Filed Apr. 29, 1937.



No claim is made to the word "Can" apart from the mark.
For Portable Pyrophoric Lighters.
Claims use since December, 1935.

Ser. No. 402,726. MAX LAGER, doing business as Regal Lamp Shade Company, New York, N. Y. Filed Feb. 5, 1938.

REGAL

For Lamp Shades.
Claims use since February, 1931.

Ser. No. 406,042. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y. Filed May 6, 1938.

CIRCUFLOW

For Fan-Driven Ventilators, Air Diffusers, and Air Aspirators.
Claims use since Apr. 1, 1938.

Ser. No. 406,083. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y. Filed May 7, 1938.

MUFLOTY

For Fan-Driven Ventilators, Air Diffusers, and Air Aspirators.
Claims use since Apr. 1, 1938.

Ser. No. 406,701. AIR REDUCTION SALES COMPANY, New York, N. Y. Filed May 25, 1938.

POLYGRAPH

For Machines for Cutting and Welding Metal by Means of Gases.
Claims use since May 13, 1938.

Ser. No. 406,720. KEWANEE BOILER CORPORATION, Kewanee, Ill. Filed May 25, 1938.

SCOTTIE JUNIOR

For Boilers.
Claims use since May 2, 1938.

Ser. No. 406,742. YORK ICE MACHINERY CORPORATION, York, Pa. Filed May 25, 1938.

Yorkaire

For Air Conditioners.
Claims use since Jan. 25, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 400,527. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Dec. 6, 1937.

L. MEURICE

For Reeds for Musical Instruments, Reed and Wind Musical Instruments—Namely, Clarinets, Trumpets, Cornets, Trombones, Saxophones, Accordions, and Harmonicas.
Claims use since January, 1935.

Ser. No. 400,528. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Dec. 6, 1937.



No claim is made to the word "American" apart from the mark.
For Reeds for Musical Instruments, Reed and Wind Musical Instruments—Namely, Clarinets, Trumpets, Cornets, Trombones, Saxophones, Accordions, and Harmonicas.
Claims use since May, 1931.

Ser. No. 406,189. NATIONAL INSTITUTE OF MUSIC AND ARTS, INC., Seattle, Wash. Filed May 10, 1938.

NIOMA

For Brass, Reed, and Stringed Musical Instruments—Namely, Cornets, Trumpets, Trombones, Saxophones, Bass Horns, Violins, Clarinets, Guitars, and Accordions.
Claims use since May 25, 1936.

CLASS 37

Paper and Stationery

Ser. No. 392,370. DAVID KAHN, INC., North Bergen, N. J. Filed May 6, 1937.

"WEAREVER DIP IT"

For Fountain Pens, Fountain Feed Pens, Mechanical Pencils, Pen and Pencil Sets, Rubber Erasers, Pencil Leads, and Pen Points.
Claims use since Mar. 1, 1937.

Ser. No. 399,468. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.



No claim is made to the words "Bleached Kraft Butchers Wrapping Paper".
For Paper—Namely, Wrapping Paper, Especially for the Use of Butchers.
Claims use since Aug. 1, 1935.

Ser. No. 400,955. B. K. ELLIOTT COMPANY, Pittsburgh, Pa. Filed Dec. 17, 1937.

CAPITOL

For Tracing Paper.
Claims use since Nov. 2, 1937.

Ser. No. 401,418. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Filed Dec. 31, 1937.

MANOR HOUSE

For Toilet Tissue, Paper Towels, Paper Napkins, Shelf Paper, and Waxed Paper.
Claims use since Dec. 6, 1937.

Ser. No. 402,198. NORCROSS, New York, N. Y. Filed Jan. 21, 1938.

SUSIE-Q

For Decorative Wrapping Paper and Writing Paper.
Claims use since Jan. 13, 1938.

Ser. No. 405,416. RALPH N. SKRAINKA, University City, Mo. Filed Apr. 18, 1938.



For Mailing Envelopes of All Kinds for Letters and Printed Matter.
Claims use since Apr. 12, 1938.

Ser. No. 405,587. BREWSTER WALLPAPER COMPANY, Quincy, Mass. Filed Apr. 22, 1938.



No claim is made to the word "Massachusetts" apart from the mark.
For Wallpaper Book Covers.
Claims use since Nov. 1, 1937.

Ser. No. 405,829. THE WAHL COMPANY, Chicago, Ill. Filed Apr. 28, 1938.

Select-O-Point

No claim is made to the words "Select" and "Point" except as shown.
For Fountain Pens and Parts Thereof.
Claims use since Apr. 1, 1938.

Ser. No. 406,287. THE GLASSINE PAPER COMPANY, West Conshohocken, Pa. Filed May 13, 1938.

PARABAG

For Paper, More Particularly Laminated Glassine Paper.
Claims use since Apr. 23, 1938.

Ser. No. 406,323. BILTMORE PAPER CO., INC., New York, N. Y. Filed May 14, 1938.

Planet

For Paper Napkins, Waxed Paper, Paper Towels, and Paper Facial Tissue.
Claims use on paper napkins since May 25, 1933; on waxed paper since Sept. 5, 1933; on paper towels since Sept. 1, 1937; and on paper facial tissue since Sept. 18, 1937.

Ser. No. 406,355. TAYLOE PAPER COMPANY, Memphis, Tenn. Filed May 14, 1938.



For School Tablets, Composition Books, and Typewriter Paper.
Claims use since 1931.

CLASS 38

Prints and Publications

Ser. No. 388,226. CALDWELL-CLEMENTS, INC., New York, N. Y. Filed Jan. 27, 1937.

RADIO & TELEVISION

For Publications in the Nature of Magazine Articles and Features Published From Time to Time.
Claims use since Jan. 20, 1937.

Ser. No. 404,229. THE NORED CORPORATION, Harrisburg, Pa. Filed Mar. 18, 1938.

ECONOMIC SECURITY

For Newspaper or Periodical Published Fortnightly.
Claims use since Mar. 15, 1938.

CLASS 39

Clothing

Ser. No. 381,276. R. H. MACY & CO., INC., New York, N. Y. Filed July 21, 1936.

Tub-Topper

The word "Tub" is disclaimed except as shown.
For Women's Hats.
Claims use since May 28, 1936.

Ser. No. 395,172. THE GREENFIELD WHOLESALE CO., Greenfield, Ohio. Filed July 13, 1937.

~~TRIP-L-SERV~~

For Hosiery.
Claims use since June 24, 1937.

Ser. No. 396,125. GOLDSTEIN HAT MANUFACTURING CO., Dallas, Tex. Filed Aug. 7, 1937.

GOLDWIN

For Ladies', Misses', and Children's Hats and Hat Bodies of Felt, Straw, and Combinations Thereof.
Claims use since August, 1934.

Ser. No. 401,033. SHAPIRO GLOVE CO., INC., New York, N. Y. Filed Dec. 18, 1937.

GLOVE OF THE MONTH

No claim is made to the word "Glove" apart from the mark.
For Gloves Made of Leather, Rubber, Fabric, and/or Any Combination Thereof.
Claims use since October, 1937.

Ser. No. 403,035. G. P. CRAFTS COMPANY, Manchester, N. H. Filed Feb. 15, 1938.

PEDI-PALS

No claim is made to the picture of the shoes apart from the mark.
For Men's and Boys' Boots and Shoes Made Principally of Leather.
Claims use since Nov. 24, 1937.

Ser. No. 403,540. CONTINENTAL UNDERGARMENT CO., INC., Brooklyn, N. Y. Filed Mar. 1, 1938.

"KA-ME'LE-ON"

For Ladies' Slips, Underwear, Panties, Bloomers, Gowns for Sleeping and Lounging Purposes, Pajamas, and Blouses.
Claims use since Jan. 7, 1938.

Ser. No. 403,541. DERWAY HATS, INC., New York, N. Y. Filed Mar. 1, 1938.

DUDLEY

For Ladies' Hats.
Claims use since August, 1936.

Ser. No. 404,023. RUBIN WEISSMAN, doing business as Porto Shoe Sales Company, New York, N. Y. Filed Mar. 12, 1938.

The PREST-O-PEDIC SHOE

The word "Shoe" is disclaimed.
For Shoes Made Out of Leather, Rubber, or Fabric or Combination of These Materials.
Claims use since Feb. 7, 1938.

Ser. No. 404,044. HERALD KNITWEAR CO. INC., New York, N. Y. Filed Mar. 14, 1938.

China Lamb

The words "China Lamb" are disclaimed apart from the mark.
For Knitted Sweaters, Suits, and Skirts.
Claims use since Feb. 1, 1938.

Ser. No. 404,293. COHEN-FEIN COMPANY, Wilkes-Barre, Pa. Filed Mar. 21, 1938.

The BRAVE-MAN Americas Best TRADE MARK

No claim is made to the words "Americas Best" and "Trade Mark" apart from the mark.
For Men's Flannel Shirts; Men's, Women's, Misses', and Children's Jackets; Men's, Women's, Misses', and Children's Mackinaws; Men's Sport Shirts; Men's, Women's, and Children's Ski Pants; Men's, Women's, and Children's Snow Suits; Men's, Women's, and Children's Work Pants; Men's and Youths' Dress Pants; Men's, Women's, and Children's Slacks; and Men's and Youths' Sport Coats.
Claims use on men's flannel shirts since March, 1916; on men's, women's, misses', and children's jackets, and men's, women's, misses', and children's mackinaws since July, 1931; on men's sport shirts, men's, women's, and children's ski pants, men's, women's, and children's snow suits, men's, women's, and children's work pants, men's and youths' dress pants, men's, women's, and children's slacks, and men's and youths' sport coats since January, 1936.

Ser. No. 404,405. FRIEDMAN BLAU FARBER COMPANY, Cleveland, Ohio. Filed Mar. 23, 1938.



Sonja Henie

The mark consists of a pictorial representation of Sonja Henie and a facsimile of her signature.
For Knitted Outerwear and Headware—Namely, Caps, Hoods, Hockeys, Toques, Toboggans, Parka Hoods, Scarfs, Gloves, Mittens, Dresses, Coats, Skirts, Twin Sweaters, Cardigans, and Suits.
Claims use since Mar. 17, 1938.

Ser. No. 404,477. JORDAN MARSH COMPANY, Boston, Mass. Filed Mar. 25, 1938.

JOR-DOE

No claim is made to the word "Doe" except as shown.
For Leather Gloves.
Claims use since Mar. 14, 1938.

Ser. No. 404,530. ERNEST JANOWITZ, New York, N. Y. Filed Mar. 26, 1938.

TEA-TIME FROCKS

Applicant disclaims the words "Tea" and "Frocks" apart from the mark.
For Misses' and Juniors' Dresses.
Claims use since Mar. 23, 1938.

Ser. No. 405,007. BI-RITE HAT CO. INC., New York, N. Y. Filed Apr. 8, 1938.

BI IS MADE & SELLS RITE

No claim is made to the words "Is Made & Sells" and the picture of a hat apart from the mark.
For Ladies' Hats.
Claims use since Jan. 12, 1932.

Ser. No. 405,047. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Filed Apr. 9, 1938.

Bragozzo Fashions

The word "Fashions" is disclaimed apart from the mark.
For Women's and Girls' Hats and Visor Caps; Women's and Misses' Wear—Namely, Gloves of Leather and Fabrics, Play Suits, Bathing Suits, Bathing Shoes of Rubber; Shoes of Leather, Rubber, and Fabrics; Dresses; Hosiery; Bathing Robes; Belts of Leather, Rope, and Fabrics for Outerwear; Scarfs and Blouses; and Boys' Wear—Namely, Suits, and Bathing Suits.
Claims use since Mar. 12, 1938.

Ser. No. 405,354. GARFINKEL & RITTER, New York, N. Y. Filed Apr. 16, 1938.

CREPE SERAPHIM

The word "Crepe" is disclaimed.
For Undergarments—Namely, Chemises, Panties, Night-Gowns, Pajamas, Slips, Brassières, Negligees, and Corsets.
Claims use since July 1, 1937.

Ser. No. 405,772. THE ENRO SHIRT CO., Louisville, Ky. Filed Apr. 27, 1938.

LUXURIA BY Enro

For Men's Negligee and Dress Shirts.
Claims use since Dec. 3, 1935.

Ser. No. 405,777. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Apr. 27, 1938.

MITSIES

For Rubber Mitts.
Claims use since Feb. 20, 1938.

Ser. No. 405,880. LA PAREE UNDERGARMENT CO., INC., Jersey City, N. J. Filed Apr. 30, 1938.

Immy's Pajamas
"Fits us all"



The words "Pajamas" and "Fits Us All" are disclaimed apart from the mark.
For Pajamas.
Claims use since Feb. 15, 1938.

Ser. No. 405,904. BENJAMIN WOLF CO., INC., New York, N. Y. Filed Apr. 30, 1938.

CAP-UR-CHIN

The word "Cap" is disclaimed apart from the mark.
For Scarfs.
Claims use since Mar. 21, 1938.

Ser. No. 406,184. THE J. L. HUDSON COMPANY, Detroit, Mich. Filed May 10, 1938.

Dunncrest

For Women's, Misses', and Juniors' Fur and Cloth Coats, and Suits.
Claims use since Feb. 1, 1938.

Ser. No. 406,185. THE J. L. HUDSON COMPANY, Detroit, Mich. Filed May 10, 1938.

ROCKHAM
STURDILITE

Applicant is the owner of registration number 198,156 dated May 5, 1925, showing the trade-mark "Rockham".
For Men's Suits, Topcoats, and Overcoats.
Claims use since Sept. 1, 1937.

Ser. No. 406,207. THE B. V. D. CORPORATION, Baltimore, Md. Filed May 11, 1938.

Q-Cumber

For Articles of Wearing Apparel for Men and Women—Namely, Robes for Personal Wear, Pajamas, and Shorts.
Claims use since 1933.

Ser. No. 406,240. JOS. S. COHEN & SONS CO., INC., New York, N. Y. Filed May 12, 1938.

Good Housekeeper

For Women's, Misses', and Children's Dresses, Frocks, Pajamas, Smocks, Aprons, Hostess Coats.
Claims use since Apr. 29, 1938.

Ser. No. 406,244. FASHION-PLATE CLOTHES, INC., New York, N. Y. Filed May 12, 1938.



For Men's and Younger Men's Clothing—Namely, Suits, Coats, Pants, Vests, Topcoats, and Overcoats.
Claims use since Mar. 18, 1938.

Ser. No. 406,305. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed May 13, 1938.



SAFETY
COAT

The words "Safety Coat" are disclaimed apart from the mark. The figure is not a representation of a living individual.
For Boys' and Girls' Coats Made of Rubberized Waterproof Material.
Claims use since Apr. 27, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 395,672. S. H. KRESS AND COMPANY, New York, N. Y. Filed July 27, 1937.

Cavalier



For Combination Comb and Brush Sets and Toilet Sets Consisting of Combs, Brushes, Mirrors, Manicure Files, Nail Buffers, Manicure Sticks, Tweezers, Nail Clippers, Nail Polishers, Cuticle Knives, Scissors, Clothes Brushes, Shoe Horns, Picture Frames, and Jewelry Cases Made in Whole or in Part of Imitation Ivory and Other Non-Precious Metalware.
Claims use since June 30, 1937.

Ser. No. 405,202. DUKAY & Co., New York, N. Y. Filed Apr. 13, 1938.

DUKAY
PRODUCT

The word "Product" is disclaimed apart from the mark.
For Buttons and Buckles of Mother-of-Pearl, Glass, Wood, Casein, Non-Precious Metals, and Various Composition and Molding Materials.
Claims use since Mar. 1, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 396,511. SCHERMERHORN BROS. CO., Chicago, Ill. Filed Aug. 17, 1937.

DAUNTLESS
LL

No claim is made to the letters "LL".
For Wall Canvas, Being a Cotton Fabric Which is Sold by the Yard.
Claims use since Mar. 1, 1935.

Ser. No. 396,515. SCHERMERHORN BROS. CO., Chicago, Ill. Filed Aug. 17, 1937.

TIP TOP
LL

No claim is made for the letters "LL".
For Wall Canvas, Being a Cotton Fabric Which is Sold by the Yard.
Claims use since Mar. 1, 1935.

Ser. No. 402,700. HARRY L. SHEINMAN & SONS INC., New York, N. Y. Filed Feb. 4, 1938.

SHEGARA

For Fabrics in the Piece of Silk, Cotton, Wool, or Rayon.
Claims use since Oct. 17, 1937.

Ser. No. 405,649. JAY C. JOHNSON, doing business as The House of Johnson, Baltimore, Md. Filed Apr. 23, 1938.

Toilo Cloth

No claim is made to the word "Cloth" apart from the mark.
For Toilet or Wash Cloths.
Claims use since Apr. 6, 1938.

Ser. No. 405,816. M. LOWENSTEIN & SONS, INC., New York, N. Y. Filed Apr. 28, 1938.

FABLE LAND PRINTS

No claim is made to the word "Prints" apart from the mark.
For Cotton Piece Goods.
Claims use since Apr. 4, 1938.

Ser. No. 406,021. HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed May 5, 1938.

CONSUMERS BRAND

No claim is made to the word "Brand".
For Cotton Piece Goods, Sheets, and Pillow Cases.
Claims use since Apr. 21, 1938.

Ser. No. 406,060. KOLBERT-LIEBERMAN, INC., New York, N. Y. Filed May 6, 1938.

Kashmore TWEED

The word "Tweed" is disclaimed apart from the mark.
For Woolen and Worsted Piece Goods.
Claims use since Mar. 13, 1936.

Ser. No. 406,168. THE APPONAUG COMPANY, Apponaug, R. I. Filed May 10, 1938.

PERMALAC

For Piece Goods of Cotton, Rayon, Linen, or Woolen, or Mixtures Thereof.
Claims use since May 9, 1938.

Ser. No. 406,179. DESCOURS, GENTHON, INC., New York, N. Y. Filed May 10, 1938.

Lanella

For Woven Piece Goods of Wool, Cotton, Etc.
Claims use since Oct. 29, 1937.

Ser. No. 406,514. A. D. JUILLIARD & Co. INC., New York, N. Y. Filed May 19, 1938.

VELTEX

For Automobile Upholstery Made From a Corduroy Type of Material Comprising Either Cotton Goods or a Mixture of Cotton With Rayon or Wool.
Claims use since May 5, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 399,853. ROBERT R. NATHANS, doing business as Michigan Hair Goods Co., Detroit, Mich. Filed Dec. 4, 1937.

"TEEN-WAVE

For Pads Used for the Permanent Waving of Hair.
Claims use since Oct. 1, 1936.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 405,933. MISSION DRY CORPORATION, Los Angeles, Calif. Filed May 2, 1938.

CHARGE UP

For Non-Alcoholic Maltless Beverage Used as a Soft Drink and Syrups and Extracts for Preparing the Same.
Claims use since Mar. 9, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 384,211. HELMS BAKERIES, Los Angeles, Calif. Filed Oct. 10, 1936.

OLYMPIC

For Bakery Products—Namely, Bread, Rolls, Doughnuts, Pies, Not Including Fig Bars or Bars of Other Fruit and/or Confection Content.
Claims use since May 1, 1931.

Ser. No. 393,976. DOLLAR PACKING COMPANY, Salinas, Calif. Filed June 12, 1937.

BANK

For Fresh Vegetables.
Claims use since Apr. 26, 1937.

Ser. No. 398,053. SAMUEL A. MOFFETT, doing business as S. A. Moffett Company, Seattle, Wash. Filed Oct. 2, 1937.

SAMCO

For Quick Frozen Foods—Namely, Frozen Spinach, Peas, Broccoli, Cauliflower, Corn, and Beans.
Claims use since Jan. 1, 1936.

Ser. No. 399,329. RIO GRANDE VALLEY CITRUS EXCHANGE, Weslaco, Tex. Filed Nov. 4, 1937.

SUN-E-TEX

For Fresh Citrus Fruits and Canned Fruit Juices for Food Purposes.
Claims use since July 23, 1937.

Ser. No. 399,555. CAMPBELL SOUP COMPANY, Camden, N. J. Filed Nov. 10, 1937.

Hollywood Hotel

The word "Hollywood" is disclaimed apart from the mark.
For Canned Soups, Canned Pork and Beans, Canned Spaghetti, and Canned Tomato Juice.
Claims use since Nov. 3, 1937.

Ser. No. 401,210. J. ARLINGTON DETWILER, doing business as Nearby Sales Company, Philadelphia, Pa. Filed Dec. 24, 1937.

CONQUISTA



For Tomato Paste.
Claims use since August, 1936.

Ser. No. 401,632. WAVERLY GROWERS COOPERATIVE, Waverly, Fla. Filed Jan. 6, 1938.

seald-PeP

For Fresh Citrus Fruits.
Claims use since 1925.

Ser. No. 402,274. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Jan. 24, 1938.



The words "Patent Flour" are disclaimed apart from the mark.
For Wheat Flour.
Claims use since June 6, 1924.

Ser. No. 402,875. COMMANDITAIRE VENNOOTSCHAP OP AANDEELEN TIELEMAN & DROS, Leiden, Netherlands. Filed Feb. 9, 1938.



All wording except "Tielemen & Dros" and "Molen" is disclaimed apart from the mark.
For Preserved Vegetables.
Claims use since Sept. 15, 1934.

Ser. No. 403,011. DENNIS L. LECAVE, Tucson, Ariz. Filed Feb. 14, 1938.

LeCAVE'S

For Vegetable Doughnuts.
Claims use since Mar. 23, 1936.

Ser. No. 403,108. AWFUL FRESH MACFARLANE, Berkeley, Calif. Filed Feb. 16, 1938.



The word "Nuts" is disclaimed apart from the mark.
For Salted Nuts, Candy, and Chocolate Coated Nuts.
Claims use since Oct. 19, 1935.

Ser. No. 403,217. MEYER & LANGE, INC., New York, N. Y. Filed Feb. 19, 1938. Under section 5b of the act of 1905 as amended in 1920.

Sellner Brand

The word "Brand" is disclaimed.
For Boiled and Smoked Hams, Sausages, and Sandwich Meat.
Claims use since 1923.

Ser. No. 403,308. FEDERLINE BROS., Bethesda, Md. Filed Feb. 23, 1938.

POPOT

For Prepared Food for Dogs, Cats, and Other Small Fur Bearing Animals.
Claims use since Aug. 14, 1937.

Ser. No. 403,468. MARGARET F. RUDKIN, Westport, Conn. Filed Feb. 26, 1938.

PEPPERIDGE FARM

For Bread and Cereal Food Products Particularly Breakfast Cereals, Cracked Wheat Flour, and Corn Meal.
Claims use since Sept. 1, 1937.

Ser. No. 404,406. JOSEPH FUCHS, doing business as Longlife Fish Food Products, Union City, N. J. Filed Mar. 23, 1938.

"LONGLIFE"

For Pet Foods, as, for Instance, Foods for Fish.
Claims use since Feb. 1, 1932.

Ser. No. 404,745. THE BORDEN COMPANY, New York, N. Y. Filed Apr. 1, 1938.

FERN

Applicant is the owner of trade-mark registration No. 34,494.
For Butter.
Claims use since Jan. 31, 1896.

Ser. No. 404,746. THE BORDEN COMPANY, New York, N. Y. Filed Apr. 1, 1938.



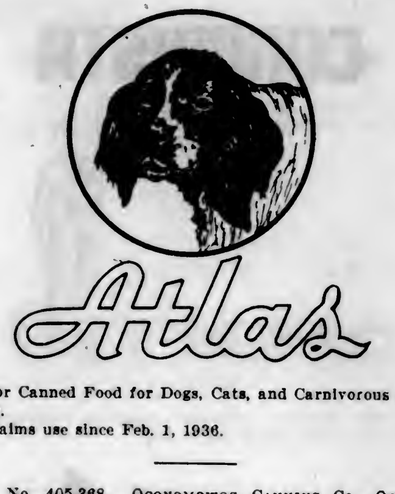
Applicant is the owner of trade-mark registration No. 34,494.
For Butter.
Claims use since Jan. 31, 1896.

Ser. No. 404,774. MAX PHILLIPS, Brooklyn, N. Y. Filed Apr. 1, 1938.



For Ice Cream.
Claims use since Jan. 5, 1937.

Ser. No. 405,049. ATLAS CANNING COMPANY, INC., New York and Glendale, N. Y. Filed Apr. 9, 1938.



For Canned Food for Dogs, Cats, and Carnivorous Animals.
Claims use since Feb. 1, 1936.

Ser. No. 405,368. OCONOMOWOC CANNING CO., Oconomowoc, Wis. Filed Apr. 16, 1938.



For Mayonnaise, Salad Dressing, Olives, Sandwich Spread, Sweet and Sour Pickles, Canned Vegetables, Cherry Peppers, Apricots (Whole), Apricots (Halves), Canned Pineapple, Fruit Cocktail, Peaches (Halves), Peaches (Slices), Canned Fresh Pears, Apple Sauce, Fruits for Salad, Canned Fresh Prunes, Pineapple Juice and Grapefruit Juice for Food Purposes, Hearts of Grapefruit, Orange and Grapefruit Salad, and Berries, Fancy Small Whole Beets, Tuna Fish, Tomatoes, Green Lima Beans, Corn, Asparagus, Pumpkin, Red Kidney Beans, Tomato Juice, and Shrimp, All of Which Are Canned Food Products.
Claims use since July 15, 1920.

Ser. No. 405,387. FLORIDA CITRUS CANNERS COOPERATIVE, Lake Wales, Fla. Filed Apr. 18, 1938.



For Canned Fruits and Canned Fruit Juices for Food Purposes.
Claims use since Mar. 19, 1938.

Ser. No. 405,645. HAWLEY & HOOPS, New York, N. Y. Filed Apr. 23, 1938.

PICKLE-O

For Confectionery—Namely, Candy.
Claims use since Mar. 16, 1938.

Ser. No. 405,665. FRANK PILLEY & SONS, INC., Omaha, Nebr. Filed Apr. 23, 1938.

Farmland

For Condensed Buttermilk and Dried Buttermilk and Condensed Buttermilk with Cod Liver Oil and Lactoflavin, All Used as Poultry and Hog Foods.
Claims use since July 9, 1932.

Ser. No. 405,930. THE KEEFE PACKING COMPANY, Arkansas City, Kans. Filed May 2, 1938.



For Barbecue Ham.
Claims use since Apr. 13, 1938.

Ser. No. 406,038. POPHITT CEREAL COMPANY, Minneapolis, Minn. Filed May 5, 1938.

WHIFFS

For Exploded Wheat Cereal, Exploded Rice Cereal, and Exploded Corn Cereal.
Claims use since Mar. 26, 1938.

Ser. No. 406,148. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Filed May 9, 1938.

COSMIC-RAY

For Bread.
Claims use since May 3, 1938.

Ser. No. 406,149. PRATT-LOW PRESERVING CO., Santa Clara, Calif. Filed May 9, 1938.

SAMPAN

For Canned Fruits and Canned Vegetables.
Claims use since Aug. 11, 1926.

Ser. No. 406,219. LOUIS JAFFE, doing business as Pikabag Service Co., Philadelphia, Pa. Filed May 11, 1938.

PIKABAG

For Nuts, Candy, and Spices.
Claims use since Jan. 11, 1938.

Ser. No. 406,268. BECKER PRETZEL BAKERIES, INC., Baltimore, Md. Filed May 13, 1938.



For Pretzels, Potato Chips, and Cheese Flavored Popcorn.
Claims use since July 7, 1936, on pretzels; since Mar. 11, 1937, on potato chips; and since Apr. 1, 1938, on popcorn.

Ser. No. 406,269. BECKER PRETZEL BAKERIES, INC., Baltimore, Md. Filed May 13, 1938.

GloNibs

For Cheese Flavored Popcorn.
Claims use since Apr. 1, 1938.

Ser. No. 406,353. SAMPSON SNYDER, doing business as Bastrop Orchard Co., Bastrop, La. Filed May 14, 1938.

LOUISE-ANNE

For Fresh Deciduous Fruits.
Claims use since July, 1937.

Ser. No. 406,387. JOE KLINE, Mount Morrison, Colo. Filed May 16, 1938.

ROYAL SELECT
WILLOW SPRINGS FARM
MT. MORRISON, COLORADO.

Applicant disclaims the words "Select", "Willow Springs", "Mt. Morrison, Colorado" apart from the mark.
For Live and Dressed Turkeys.
Claims use since May 6, 1938.

Ser. No. 406,466. PENNEX PRODUCTS COMPANY, Pittsburgh, Pa. Filed May 18, 1938.

Pennex

For Food Flavoring Extracts.
Claims use since July, 1924.

Ser. No. 406,545. THE BORDEN COMPANY, New York, N. Y. Filed May 20, 1938.

Gurndale

For Pasteurized Milk.
Claims use since May 7, 1938.

Ser. No. 406,572. ALLEN & SMITH COMPANY, INC., Richmond, Va. Filed May 21, 1938.

P'NUBS

For Peanut Candy and Salted Peanuts.
Claims use since May 7, 1938.

Ser. No. 406,593. MESA CITRUS GROWERS, Mesa, Ariz. Filed May 21, 1938.

FOUR "A" BRAND
ARIZONA

No claim is made to the words "Arizona" and "Brand."
For Fresh Citrus Fruit.
Claims use since May 6, 1938.

Ser. No. 406,657. SAN FERNANDO HEIGHTS ORANGE ASSN., San Fernando, Calif. Filed May 23, 1938.

Don FERNANDO

For Fresh Citrus Fruit.
Claims use since May 13, 1938.

CLASS 47

Wines

Ser. No. 402,566. ITALIAN SWISS COLONY, San Francisco Calif. Filed Feb. 1, 1938.

ITALIAN COLONY

No claim is made to the representation of a label or to the word "Italian" apart from the mark.
For Wines.
Claims use since Dec. 3, 1937, for entire mark; and since Dec. 15, 1933, for the words "Italian Colony."

Ser. No. 404,526. ITALIAN SWISS COLONY, San Francisco, Calif. Filed Mar. 26, 1938.

ITALIAN SWISS COLONY

No claim is made to the words "Italian" or "Swiss" apart from the mark.
For Wines.
Claims use since 1889.

CLASS 48

Malt Beverages and Liquors

Ser. No. 406,012. THE BURGER BREWING COMPANY, Cincinnati, Ohio. Filed May 5, 1938.



The portrait is fanciful.
For Beer.
Claims use since Sept. 1, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 392,966. THE DAVIESS COUNTY DISTILLING CO., INCORPORATED, Owensboro, Ky. Filed May 19, 1937.

Kentucky Romance

The word "Kentucky" is disclaimed apart from the mark.
For Whiskey.
Claims use since Jan. 22, 1935.

Ser. No. 404,616. MONLLOR & BOSCIO, SUCRS., S. EN C., Ponce, Puerto Rico. Filed Mar. 29, 1938.

Ron Superior
XXX

No claim is made to the words "Ron Superior" apart from the mark.
For Rum.
Claims use since Mar. 28, 1935.

Ser. No. 405,721. I. GINSBERG, INC., Charleston, S. C. Filed Apr. 26, 1938.



Pop's Special

The portrait is that of I. Ginsberg, president of applicant corporation. The word "Special" is disclaimed except as shown.
For Whiskey.
Claims use since Mar. 7, 1938.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 404,017. THE RELIABLE TEXTILE COMPANY, Chicago, Ill. Filed Mar. 12, 1938.

QUALITY SERVICE
R
RELIABLE

Applicant disclaims the words "Quality", "Service", and "Reliable" apart from the mark.
For Goods Having a Fabric or a Fibrous Base Treated or Coated with Materials such as Pyroxylin or Rubber.
Claims use since Oct. 15, 1929.

Ser. No. 404,534. ACME WINDOW DISPLAY SERVICE INC., New York, N. Y. Filed Mar. 28, 1938.

REDI-CAPS

The word "Caps" is disclaimed apart from the mark.
For Caps and Rings Sold in Sets in Various Shapes—Namely, Round, Oblong, and Rectangular, Made of Cardboard and Similar Sheet Material to be Used as Part of Display Devices.
Claims use since Feb. 4, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JULY 12, 1938

358,365. POWDER PUFFS. JEANETTE POWDER PUFFS, INC., Newark, N. J.
Filed November 23, 1935. Serial No. 371,923. PUBLISHED FEBRUARY 18, 1936. Class 29.

358,366. ALCOHOLIC CORDIALS AND LIQUEURS. ARROW DISTILLERIES, INC., Detroit, Mich.
Filed March 16, 1936. Serial No. 376,028. PUBLISHED APRIL 21, 1936. Class 49.

358,367. CLOSURE CAPS. ANCHOR CAP & CLOSURE CORPORATION, Long Island City, N. Y.
Filed July 31, 1936. Serial No. 381,651. PUBLISHED MAY 3, 1938. Class 50.

358,368. CANDY. BROCK CANDY COMPANY, Chattanooga, Tenn.
Filed January 13, 1937. Serial No. 387,733. PUBLISHED MARCH 9, 1937. Class 46.

358,369. LIQUEFIED PETROLEUM GAS PRESSURE TANKS SOLD EMPTY. VAPO GAS CORPORATION, San Antonio, Tex.
Filed January 25, 1937. Serial No. 388,159. PUBLISHED MAY 3, 1938. Class 2.

358,370. STEEL PIPE AND STEEL TUBING. CLAYTON MARK & COMPANY, Chicago, Ill.
Filed February 19, 1937. Serial No. 389,141. PUBLISHED MAY 3, 1938. Class 13.

358,371. WINE. SALLY SANDS, doing business as Car-Cal Winery, Greensboro, N. C.
Filed March 9, 1937. Serial No. 389,851. PUBLISHED MAY 3, 1938. Class 47.

358,372. CORRESPONDENCE AND WRITING PAPER. PARAGON OIL COMPANY, INC., Brooklyn, N. Y.
Filed March 18, 1937. Serial No. 390,235. PUBLISHED MAY 3, 1938. Class 37.

358,373. TRUNKS, DRESS SUITCASES, HANDBAGS, GOLF BAGS, SAMPLE CASES, PORTFOLIOS AND ANIMAL CARRIERS. SEATTLE LUGGAGE CORPORATION, Seattle, Wash.
Filed March 23, 1937. Serial No. 390,423. PUBLISHED MAY 18, 1937. Class 3.

358,374. ELECTRIC COOKER. U. S. MANUFACTURING CORPORATION, Decatur, Ill.
Filed March 31, 1937. Serial No. 390,758. PUBLISHED MAY 3, 1938. Class 21.

358,375. VERMOUTH. DISTILLERIE STOCK S. A., Trieste, Italy.
Filed April 26, 1937. Serial No. 391,855. PUBLISHED MAY 3, 1938. Class 47.

358,376. VERMOUTH. DISTILLERIE STOCK S. A., Trieste, Italy.
Filed May 5, 1937. Serial No. 392,314. PUBLISHED MAY 3, 1938. Class 47.

358,377. CANNED FRUITS, CANNED VEGETABLES. MOR-PAK PRESERVING CORPORATION, Stockton, Calif.
Filed May 15, 1937. Serial No. 392,809. PUBLISHED JULY 20, 1937. Class 46.

358,378. FISH LURES. WILLIAM JOHN LAUER, doing business as W. J. Lauer & Co., Bismarck, N. Dak.
Filed May 27, 1937. Serial No. 393,334. PUBLISHED MAY 3, 1938. Class 22.

358,379. PICKLE RELISH AND PICKLES. HURLBURT BROS. CO., Wilson, N. Y.
Filed June 26, 1937. Serial No. 394,537. PUBLISHED JANUARY 25, 1938. Class 46.

358,380. WHISKY. EVANS MARSHALL & COMPANY LIMITED, London, England.
Filed July 7, 1937. Serial No. 394,936. PUBLISHED MAY 3, 1938. Class 49.

358,381. NON-ALCOHOLIC BEVERAGES, PARTICULARLY POP. WM. SCHEELE & SONS CO., INC., Fort Wayne, Ind.
Filed July 7, 1937. Serial No. 394,956. PUBLISHED NOVEMBER 9, 1937. Class 45.

358,382. WOMEN'S, MISSES', JUNIORS', AND CHILDREN'S COATS. NELDA COATS, INC., New York, N. Y.
Filed July 10, 1937. Serial No. 395,078. PUBLISHED SEPTEMBER 14, 1937. Class 39.

358,383. BEERS OF ANY KIND. JAN GÖTZ, OKOCIMSKI BROWAR I ZAKLADY PRZEMYSLOWE S. A., Okocim, Poland.
Filed July 13, 1937. Serial No. 395,170. PUBLISHED MAY 3, 1938. Class 48.

358,384. COTTON, RAYON, LINEN, AND SILK FABRICS IN THE PIECE. MELVIN MEYER, New York, N. Y., assignor to Air Conditioned Fabrics Corp., New York, N. Y., a corporation of New York.
Filed July 13, 1937. Serial No. 395,174. PUBLISHED MAY 3, 1938. Class 42.

358,385. INDUSTRIAL BURNERS, FURNACES, AND HEATING CHAMBERS, USING COAL, TAR, OIL, GAS, GASOLINE, AND OTHER LIQUID FUELS. COMBUSTROL EQUIPMENT CO. INC., Clifton, N. J., and New York, N. Y.
Filed July 27, 1937. Serial No. 395,660. PUBLISHED MAY 3, 1938. Class 34.

358,386. CEMETERY MONUMENTS, HEADSTONES, GRAVE MARKERS, AND GRANITE MEMORIALS. COLD SPRING GRANITE COMPANY, Cold Spring, Minn.
Filed August 2, 1937. Serial No. 395,902. PUBLISHED JANUARY 4, 1938. Class 50.

358,387. GLASS BOTTLES. SCURLOCK KONTANERETTE CORPORATION, Chicago, Ill.
Filed August 5, 1937. Serial No. 396,047. PUBLISHED MAY 3, 1938. Class 33.

358,388. CLASSIFIERS (FOR SIZING CRUSHED ROCK AND ORE); THICKENERS (FOR DEWATERING PULPS); AGITATORS (WITH AND WITHOUT AERATING DEVICES); ETC. WESTERN MACHINERY COMPANY, San Francisco, Calif.
Filed August 13, 1937. Serial No. 396,378. PUBLISHED MAY 3, 1938. Class 23.

358,389. READY MIXED PAINTS AND POWDER FORMED PAINTS, VARNISH, PAINT ENAMEL, AND PREPARED SHELLAC. METALLIC COATINGS, INC., Brooklyn, N. Y.
Filed August 17, 1937. Serial No. 396,500. PUBLISHED MAY 3, 1938. Class 16.

358,390. READY MIXED PAINTS AND POWDER FORMED PAINTS, VARNISH, PAINT ENAMEL AND PREPARED SHELLAC. METALLIC COATINGS, INC., Brooklyn, N. Y.
Filed August 17, 1937. Serial No. 396,501. PUBLISHED MAY 3, 1938. Class 16.

358,391. FOOD FOR POULTRY, CATTLE, HOGS, SHEEP, HORSES, AND DOGS. MARTHA L. CHRISTIAN, doing business as Reel Products Company, Cedar Rapids, Iowa, assignor to J. W. Heizer, Cedar Rapids, Iowa.
Filed September 13, 1937. Serial No. 397,355. PUBLISHED MAY 3, 1938. Class 46.

358,392. ROPE AND BINDER TWINES. THE HOOVEN & ALLISON COMPANY, Xenia, Ohio.
Filed October 5, 1937. Serial No. 398,160. PUBLISHED DECEMBER 7, 1937. Class 7.

358,393. ROPE AND BINDER TWINES. THE HOOVEN & ALLISON COMPANY, Xenia, Ohio.
Filed October 5, 1937. Serial No. 398,161. PUBLISHED DECEMBER 7, 1937. Class 7.

358,394. DOOR SPRINGS AND SPRINGS FOR GENERAL USE. MAXWELL TEITELBAUM, Brooklyn, N. Y.
Filed October 6, 1937. Serial No. 398,222. PUBLISHED MAY 3, 1938. Class 13.

358,395. AUTOMOBILE POLISH. OTTO C. BALTZ, doing business as Jackson Laboratories, Philadelphia, Pa.
Filed October 12, 1937. Serial No. 398,384. PUBLISHED NOVEMBER 30, 1937. Class 16.

358,396. SUGAR. PURE CANE SUGAR COMPANY, INC., Cardenas, Cuba, and Dover, Del.
Filed October 29, 1937. Serial No. 399,109. PUBLISHED FEBRUARY 1, 1938. Class 46.

358,397. CELLULOSE MATERIAL IN SHEET FORM USED FOR SHELF COVERINGS, WRAPPING, CLEANSING AND POLISHING GLASS, FURNITURE, SILVER, GOLD, PLATINUM, ETC. PERVEL CORPORATION, New York, N. Y.
Filed November 4, 1937. Serial No. 399,327. PUBLISHED MAY 3, 1938. Class 37.

358,398. INTER-OFFICE COMMUNICATING APPARATUS OF THE TYPE COMPRISING A LOUD SPEAKER AND DUPLEX TELEPHONE OR THE LIKE AS A COMBINATION IN A UNIT, OPERATING OVER POWER OR TRANSMISSION LINES. CENTRAL COMMUNICATION DEVICES, INC., New York, N. Y.
Filed November 8, 1937. Serial No. 399,440. PUBLISHED MAY 3, 1938. Class 21.

358,399. COOKING RANGES USING KEROSENE AS FUEL. NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis.
Filed November 8, 1937. Serial No. 399,457. PUBLISHED MAY 3, 1938. Class 34.

358,400. PREPARED CARBON BLACK FOR USE IN THE CEMENT INDUSTRY. BINNEY & SMITH CO., New York, N. Y.
Filed November 24, 1937. Serial No. 400,081. PUBLISHED FEBRUARY 1, 1938. Class 12.

358,401. EXCAVATING MACHINES OR CRANES. INSLEY MANUFACTURING CORPORATION, Indianapolis, Ind.
Filed December 1, 1937. Serial No. 400,345. PUBLISHED MARCH 15, 1938. Class 23.

358,402. CHAMPAGNE WINES. MAISON DE VENOGE SOCIÉTÉ ANONYME, Epernay, France.
Filed December 1, 1937. Serial No. 400,349. PUBLISHED MAY 3, 1938. Class 47.

358,403. EXTRACTS AND SYRUPS USED IN THE MANUFACTURE OF CARBONATED BEVERAGES AND FOR NON-ALCOHOLIC CARBONATED BEVERAGES. ISBRIN OLIVER CORPORATION, New York, N. Y.
Filed December 8, 1937. Serial No. 400,601. PUBLISHED MAY 3, 1938. Class 45.

358,404. NEWSPAPER. THE HOME NEWS PUBLISHING COMPANY, New Brunswick, N. J.
Filed December 9, 1937. Serial No. 400,643. PUBLISHED FEBRUARY 8, 1938. Class 38.

358,405. RIBBON FLY CATCHER. HONEY-WEB INC., New York, N. Y.
Filed December 9, 1937. Serial No. 400,645. PUBLISHED MAY 3, 1938. Class 50.

358,406. PAPER LABELS, TICKETS, AND TAGS. AMERICAN TAG COMPANY, Chicago, Ill.
Filed December 10, 1937. Serial No. 400,677. PUBLISHED MAY 3, 1938. Class 37.

358,407. PRINTED FABRICS 50 TO 54" WIDE, IN CONTINUOUS LENGTHS OF LINEN, RAYON, AND COTTON, AND COMBINATIONS THEREOF, THE FABRICS BEING PRINTED IN SUCH A MANNER TO BE CUT IN 18" LENGTHS FROM THE BOLT TO BE USED FOR THE MAKING OF LADIES' GARMENTS. GOTTSCHALK & CO., New York, N. Y.
Filed December 16, 1937. Serial No. 400,908. PUBLISHED MAY 3, 1938. Class 42.

358,408. GIRLS' SNOW SUITS AND SKI SUITS. LITTLE MARJORIE COAT COMPANY, New York, N. Y.
Filed December 18, 1937. Serial No. 401,027. PUBLISHED MAY 3, 1938. Class 39.

358,409. MEN'S PAJAMAS. LUBIN-WEEKER CO., INC., New York, N. Y.
Filed December 20, 1937. Serial No. 401,064. PUBLISHED FEBRUARY 22, 1938. Class 39.

358,410. COFFEE SUBSTITUTE. ALBERT LEON, doing business as Morning Glory Products Co., Los Angeles, Calif.
Filed December 20, 1937. Serial No. 401,096. PUBLISHED MAY 3, 1938. Class 46.

358,411. PHOTOGRAPHIC APPARATUS—NAMELY, FILMS, FILM REELS, APPARATUS FOR TAKING CINEMATOGRAPHIC PICTURES AND PARTS THEREOF, FILM CASINGS, ETC. "EUMIG" ELEKTRIZITÄTS- UND METALLWAREN-INDUSTRIE, Vienna, Austria.
Filed December 24, 1937. Serial No. 401,213. PUBLISHED MAY 3, 1938. Class 26.

358,412. PIECE GOODS OF COTTON, ARTIFICIAL SILK, AND MIXTURES OF COTTON AND ARTIFICIAL SILK, AND UPHOLSTERY AND DRAPERIES IN THE PIECE MADE THEREFROM. TITUS BLATTER & COMPANY, New York, N. Y.
Filed December 24, 1937. Serial No. 401,230. PUBLISHED MAY 3, 1938. Class 42.

358,413. WEARING APPAREL FOR MEN AND BOYS, BOTH OUTERWEAR AND UNDERWEAR—NAMELY, SPORT COATS, SWEATERS, UNDERSHIRTS AND DRAWERS, UNION SUITS, SHORTS, HOSIERY OF KNITTED AND TEXTILE FABRICS. LEVI STRAUSS & CO., San Francisco, Calif.
Filed December 27, 1937. Serial No. 401,264. PUBLISHED FEBRUARY 22, 1938. Class 39.

358,414. UNDERWEAR FOR THE USE OF MEN AND WOMEN. CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS, Salt Lake City, Utah.
Filed December 29, 1937. Serial No. 401,332. PUBLISHED MAY 3, 1938. Class 39.

358,415. WATERPROOF AND WATER REPELLENT FABRICS FOR MAKING UMBRELLAS. ELECTRO-TECHNICAL PRODUCTS, INC., Nutley, N. J.
Filed December 30, 1937. Serial No. 401,376. PUBLISHED MAY 3, 1938. Class 50.

358,416. HOUSE PAINT, FLAT PAINT, PAINT ENAMELS, STAINS, ROOF-COATING BARN PAINTS, SHINGLE STAINS, SHELLACS, WATERPROOFING COMPOUNDS (A PAINT PRODUCT), BOAT PAINTS, REINFORCING OILS (USED IN THE PAINT BUSINESS), DECK ENAMELS, AND PLASTIC PAINTS (EXCLUDING ARTISTS' PAINTS AND COLORS OF EVERY KIND). FOSS & COMPANY, Vineland, N. J.
Filed December 30, 1937. Serial No. 401,382. PUBLISHED MAY 3, 1938. Class 16.

358,417. ELECTRIC INSULATORS OF DI-ELECTRIC CERAMIC MATERIAL. GENERAL CERAMICS COMPANY, New York, N. Y.
Filed December 31, 1937. Serial No. 401,433. PUBLISHED MAY 3, 1938. Class 21.

358,418. FELT PRODUCTS—NAMELY, RUG CUSHIONS. CROWN PRODUCTS CORPORATION, Philadelphia, Pa.
Filed January 3, 1938. Serial No. 401,517. PUBLISHED MAY 3, 1938. Class 50.

358,419. PICKLES. CALIFORNIA CONSERVING COMPANY, INC., San Francisco, Calif.
Filed January 7, 1938. Serial No. 401,648. PUBLISHED FEBRUARY 22, 1938. Class 46.

358,420. BRANDY. ARBOUIN MARETT & CO., S. A., Cognac, France.
Filed January 18, 1938. Serial No. 402,049. PUBLISHED MAY 3, 1938. Class 49.

358,421. RODS, SHEETS, AND TUBES OF HARD RUBBER. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y.
Filed January 19, 1938. Serial No. 402,079. PUBLISHED MAY 3, 1938. Class 50.

358,422. SENSITIZED PHOTOGRAPHIC FILM. AGFA ANSCO CORPORATION, Binghamton, N. Y.
Filed January 21, 1938. Serial No. 402,166. PUBLISHED MAY 3, 1938. Class 26.

358,423. CHARTS UPON WHICH A PRESELECTED SCHEDULE MAY BE TABULATED. IRVING CAESAR, New York, N. Y.
Filed January 22, 1938. Serial No. 402,215. PUBLISHED MAY 3, 1938. Class 37.

358,424. RECEPTACLES, PARTICULARLY OIL CANS AND COMPONENT PARTS THEREOF. UNIVERSAL PLASTICS CORP., New Brunswick, N. J.
Filed January 29, 1938. Serial No. 402,492. PUBLISHED MAY 3, 1938. Class 2.

358,425. TYPEWRITER AND PRINTING PAPER. EASTERN MANUFACTURING COMPANY, Brewer, Maine.
Filed February 1, 1938. Serial No. 402,558. PUBLISHED MAY 3, 1938. Class 37.

358,426. CORRUGATED PAPER MERCHANDISE DISPLAY STANDS IN THE NATURE OF PAPER RECEPTACLES FOR DISPLAYING MERCHANDISE. THE HINDE & DAUCH PAPER COMPANY, Sandusky, Ohio.
Filed February 3, 1938. Serial No. 402,630. PUBLISHED MAY 3, 1938. Class 2.

358,427. BICYCLE ELECTRIC LAMPS AND ELECTRIC GENERATORS. HUDSON STEEL & TUBE CORP., New York, N. Y.
Filed February 3, 1938. Serial No. 402,632. PUBLISHED MAY 3, 1938. Class 21.

358,428. STUD BOLTS. MOORLANE COMPANY, Tulsa, Okla.
Filed February 4, 1938. Serial No. 402,692. PUBLISHED MAY 3, 1938. Class 13.

358,429. FLOWER SEEDS—NAMELY, FLOWER GARDEN MIXTURE. GERMAIN SEED & PLANT COMPANY, Los Angeles, Calif.
Filed February 5, 1938. Serial No. 402,723. PUBLISHED APRIL 26, 1938. Class 1.

358,430. PREPARED MIXES FOR CAKE MAKING. P. DUFF & SONS, INC., Pittsburgh, Pa.
Filed February 7, 1938. Serial No. 402,771. PUBLISHED MAY 3, 1938. Class 46.

358,431. MERCHANDISE DISPLAY RACKS. MINNEAPOLIS PAPER CO., Minneapolis, Minn.
Filed February 7, 1938. Serial No. 402,790. PUBLISHED MAY 3, 1938. Class 32.

358,432. LIQUID GLASS CLEANER AND POLISH. WILLIAM HEGGEMEYER, doing business as Wil-Meyer Co., New York, N. Y.
Filed February 8, 1938. Serial No. 402,818. PUBLISHED MAY 3, 1938. Class 4.

358,433. PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF DISEASES. M. E. PROCTOR, doing business as Proctors Products, New Haven, Conn.
Filed February 10, 1938. Serial No. 402,916. PUBLISHED MAY 3, 1938. Class 44.

358,434. TOBACCO, PARTICULARLY PIPE AND CIGARETTE SMOKING TOBACCO AND CHEWING TOBACCO. BENDIXEN TOBACCO COMPANY, Syracuse, N. Y.
Filed February 11, 1938. Serial No. 402,931. PUBLISHED MAY 3, 1938. Class 17.

358,435. CHEWING GUM. GUMAKERS OF AMERICA, INC., Clifton Heights, Pa.
Filed February 12, 1938. Serial No. 402,973. PUBLISHED APRIL 26, 1938. Class 46.

358,436. BAKERY PRODUCTS—NAMELY, BREAD, BISCUIT, AND ICE CREAM CONES. NATIONAL BISCUIT COMPANY, New York, N. Y.
Filed February 12, 1938. Serial No. 402,983. PUBLISHED MAY 3, 1938. Class 46.

358,437. SHEET MATERIAL OF PAPER FOR THE FORMATION OF DISPLAYS. THE REYBURN MANUFACTURING COMPANY, Philadelphia, Pa.
Filed February 12, 1938. Serial No. 402,986. PUBLISHED MAY 3, 1938. Class 37.

358,438. COTTON PIECE GOODS—NAMELY, AWNING FABRICS. THE ASTRUP COMPANY, Cleveland, Ohio.
Filed February 16, 1938. Serial No. 403,069. PUBLISHED MAY 3, 1938. Class 42.

358,439. CARBON PAPER. F. S. WEBSTER COMPANY, Cambridge, Mass.
Filed February 16, 1938. Serial No. 403,107. PUBLISHED MAY 3, 1938. Class 11.

358,440. FIELD AND GARDEN SEEDS FOR PLANTING PURPOSES. WEST TEXAS COTTONOIL CO., Abilene, Tex.
Filed February 17, 1938. Serial No. 403,154. PUBLISHED MAY 3, 1938. Class 1.

358,441. HOT WORK STEEL. KLOSTER STEEL CORPORATION, Chicago, Ill.
Filed February 18, 1938. Serial No. 403,180. PUBLISHED MAY 3, 1938. Class 14.

358,442. VENETIAN BLINDS. ADJUSTA-LITE VENETIAN BLIND COMPANY, Waco, Tex.
Filed February 19, 1938. Serial No. 403,191. PUBLISHED MAY 3, 1938. Class 32.

358,443. ICE CREAM, SHERBETS. LOUIS A. CORNING, Hamlet, N. C.
Filed February 19, 1938. Serial No. 403,199. PUBLISHED MAY 3, 1938. Class 46.

358,444. VACUUM RELIEF VALVES. KINDLUND & DRAKE, New York, N. Y.
Filed February 19, 1938. Serial No. 403,212. PUBLISHED MAY 3, 1938. Class 13.

358,445. WALLPAPER AND DECORATIVE PAPERS, MAINLY WRAPPING AND COVERING. METAPHANE INC., New York, N. Y.
Filed February 19, 1938. Serial No. 403,216. PUBLISHED MAY 3, 1938. Class 37.

358,446. CANNED ASPARAGUS. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill.
Filed February 19, 1938. Serial No. 403,225. PUBLISHED MAY 3, 1938. Class 46.

358,447. HOSIERY. LOUIS HIRSCH TEXTILE MACHINES, INC., New York, N. Y.
Filed February 18, 1938. Serial No. 403,232. PUBLISHED MAY 3, 1938. Class 39.

358,448. CORRUGATED PAPER. THE HINDE & DAUCH PAPER COMPANY, Sandusky, Ohio.
Filed February 23, 1938. Serial No. 403,314. PUBLISHED MAY 3, 1938. Class 37.

358,449. MEN'S AND BOYS' SUITS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed February 24, 1938. Serial No. 403,369. PUBLISHED MAY 3, 1938. Class 39.

358,450. SMOKING AND CHEWING TOBACCO. RICHARD R. TOBIN, doing business as R. R. Tobin Tobacco Co., Detroit, Mich.
Filed February 25, 1938. Serial No. 403,433. PUBLISHED MAY 3, 1938. Class 17.

358,451. PIECE GOODS OF SILK, RAYON, COTTON, WOOL, AND MIXTURES THEREOF. SOPHIA SWARTZ, New York, N. Y.
Filed February 26, 1938. Serial No. 403,481. PUBLISHED MAY 3, 1938. Class 42.

358,452. SPINNING TOP. NATHAN LAING, New York, N. Y.
Filed March 4, 1938. Serial No. 403,699. PUBLISHED MAY 3, 1938. Class 22.

358,453. PREPARATIONS FOR CLEANING ARTIFICIAL DENTURES. I. PUTNAM, INC., Elmira, N. Y.
Filed March 4, 1938. Serial No. 403,707. PUBLISHED MAY 3, 1938. Class 4.

358,454. CALCIMINES AND INSIDE AND OUTSIDE COLD WATER PAINTS. I. F. LAUCKS, INC., Seattle, Wash.
Filed March 5, 1938. Serial No. 403,728. PUBLISHED MAY 3, 1938. Class 16.

358,455. CANNED PINEAPPLE. PATERSON, SIMONS & CO. LTD., London, England.
Filed March 5, 1938. Serial No. 403,732. PUBLISHED MAY 3, 1938. Class 46.

358,456. WOVEN FABRIC IN THE PIECE MADE OF METAL CORE YARN. COLVINEX CORPORATION, New York, N. Y.
Filed March 7, 1938. Serial No. 403,756. PUBLISHED MAY 3, 1938. Class 42.

358,457. WOMEN'S AND MISSES' COATS, SUITS, DRESSES, BLOUSES, AND SKIRTS. DEL MONTE-HICKEY COMPANY, INC., New York, N. Y.
Filed March 7, 1938. Serial No. 403,758. PUBLISHED MAY 3, 1938. Class 39.

358,458. CENTRIFUGAL PUMPS. AMERICAN-LA FRANCE-FOAMITE CORPORATION, Elmira, N. Y.
Filed March 8, 1938. Serial No. 403,809. PUBLISHED MAY 3, 1938. Class 23.

358,459. READY MIXED PAINT. FRISCH & CO., INC., New York, N. Y.
Filed March 9, 1938. Serial No. 403,863. PUBLISHED MAY 3, 1938. Class 16.

358,460. DRAPERY FABRICS IN THE PIECE MADE OF SATEEN. CHARLES BLOOM, INC., New York, N. Y.
Filed March 10, 1938. Serial No. 403,901. PUBLISHED MAY 3, 1938. Class 42.

358,461. GAMES, PLAYED ON BOARDS OR CLOTHS WITH MOVABLE PIECES. ARTHUR R. COONEY, Philadelphia, Pa.
Filed March 12, 1938. Serial No. 403,993. PUBLISHED MAY 3, 1938. Class 22.

358,462. CORDUROY FABRICS IN THE PIECE MADE OF COTTON. CROMPTON COMPANY, West Warwick, R. I.
Filed March 12, 1938. Serial No. 403,996. PUBLISHED MAY 3, 1938. Class 42.

358,463. WOOLEN PIECE GOODS. PARKER, WILDER & CO., New York, N. Y.
Filed March 12, 1938. Serial No. 404,013. PUBLISHED MAY 3, 1938. Class 42.

358,464. CAST IRON ALLOY. SPARTA FOUNDRY COMPANY, Sparta, Mich.
Filed March 14, 1938. Serial No. 404,062. PUBLISHED APRIL 26, 1938. Class 14.

358,465. LADIES' HANDBAGS. LESCO LTD., New York, N. Y.
Filed March 19, 1938. Serial No. 404,255. PUBLISHED MAY 3, 1938. Class 3.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

358,466. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) ARTHUR B. BETZ, doing business as S A E Steels, Cleveland, Ohio. Filed Jan. 27, 1936. Serial No. 374,120.

D-SCALE BARS

For Carbon and Alloy Steel Bars.
Claims use since Aug. 16, 1935.

358,467. (CLASS 31. FILTERS AND REFRIGERATORS.) TENNESSEE FURNITURE CORPORATION, Chattanooga, Tenn. Filed May 25, 1936. Serial No. 378,863.

Conditionaire

For Refrigerators.
Claims use since May 13, 1936.

358,468. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) A. PH. STITZEL, INC., Louisville, Ky., now by change of name Stitzel-Weller Distillery. Filed Aug. 1, 1936. Serial No. 381,734.

Lee McGill

For Whiskey.
Claims use since May 27, 1936.

358,469. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) A. PH. STITZEL, INC., Louisville, Ky., now by change of name Stitzel-Weller Distillery. Filed Aug. 1, 1936. Serial No. 391,735.

Old Stitzel

For Whiskey.
Claims use since May 25, 1936.

358,470. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BRUNER-RITTER, INC., New York, N. Y. Filed Dec. 23, 1936. Serial No. 387,060.

Bradfield

For Metallic Wrist Watch Strap-Bracelets.
Claims use since Dec. 1, 1936.

358,471. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) DURO METAL PRODUCTS COMPANY, Chicago, Ill. Filed Apr. 24, 1937. Serial No. 391,806.

TILT-FACE

For Hand Hammers.
Claims use since Mar. 8, 1937.

358,472. (CLASS 2. RECEPTACLES.) THE LINCOLN LOCKER CORPORATION, Pocahontas, Iowa. Filed May 22, 1937. Serial No. 393,135.

LINCOLN LOUVRED LOCKERS

For Locker Boxes for General Utility Purposes.
Claims use since Feb. 1, 1936.

358,473. (CLASS 39. CLOTHING.) DEL MONTE-HICKEY COMPANY, INC., New York, N. Y. Filed June 11, 1937. Serial No. 393,946.

"Albany Brown"

For Women's and Misses' Coats, Suits, Dresses, Blouses, and Skirts.
Claims use since May 19, 1937.

358,474. (CLASS 39. CLOTHING.) DEL MONTE-HICKEY COMPANY, INC., New York, N. Y. Filed June 11, 1937. Serial No. 393,947.

"Connaught Green"

For Women's and Misses' Coats, Suits, Dresses, Blouses, and Skirts.
Claims use since May 19, 1937.

358,475. (CLASS 39. CLOTHING.) PEARL GARMENT CORP., Camden, N. J. Filed June 17, 1937. Serial No. 394,187.

Firmfront

For Ladies' Coats and Suits.
Claims use since May 26, 1937.

358,476. (CLASS 39. CLOTHING.) THE J. L. HUDSON COMPANY, Detroit, Mich. Filed Aug. 7, 1937. Serial No. 396,135.

Aldrich

For Men's Suits, Topcoats, and Overcoats.
Claims use since June 1, 1937.

358,477. (CLASS 39. CLOTHING.) GORDON V. LYONS, INC., New York, N. Y. Filed Sept. 2, 1937. Serial No. 397,037.

LLAMATONE

For Women's and Misses' Coats and Suits Containing a Substantial Content of Llama's Hair.
Claims use since May 9, 1935.

358,478. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) AMERICAN OPTICAL COMPANY, Southbridge, Mass. Filed Nov. 27, 1937. Serial No. 400,183.

Z-FOLD

For Ophthalmic Mountings and Parts Therefor.
Claims use since October, 1934.

358,479. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Filed Dec. 3, 1937. Serial No. 400,401.

Hearst BRAND

For Canned Fruits and Canned Fruit Juices for Food Purposes.
Claims use since July 18, 1935.

358,480. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COBLE E. GRIMES, Fredericksburg, Pa. Filed Feb. 7, 1938. Serial No. 402,774.

College Hill

For Dressed Poultry, Dressed Rabbits, and Eggs.
Claims use since June, 1936.

358,481. (CLASS 27. HOROLOGICAL INSTRUMENTS.) WATERBURY CLOCK COMPANY, Waterbury, Conn. Filed Mar. 21, 1938. Serial No. 404,340.

KELTON

For Clocks and Watches.
Claims use since Dec. 30, 1935.

358,482. (CLASS 39. CLOTHING.) EAGLE CLOTHES, New York, N. Y. Filed Mar. 23, 1938. Serial No. 404,400.

BLAKE

For Suits for Men and Young Men.
Claims use since May 29, 1937.

358,483. (CLASS 39. CLOTHING.) EAGLE CLOTHES, New York, N. Y. Filed Mar. 23, 1938. Serial No. 404,401.

BLAKEMORE

For Suits for Men and Young Men.
Claims use since May 29, 1937.

358,484. (CLASS 39. CLOTHING.) THURMAN MANUFACTURING COMPANY, Philadelphia, Pa. Filed Apr. 27, 1938. Serial No. 405,787.

HUG-ME-TITE BY THURMAN

For Ladies' Sleeveless Button Vests.
Claims use since Sept. 8, 1909.

358,485. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) V. SABELLA & CO., INC., New York, N. Y. Filed May 6, 1938. Serial No. 406,068.

CAV. ANDREA PENSABENE

For Caponata Petronciane—Namely, a Product Composed of Egg Plant, Fried with Pure Olive Oil, Capers, Vinegar, Olives, Sugar, and Tomato Sauce; and Palermo, a Condiment Composed of Fennel, Pignoli, Olive Oil, Raisins, Onions, Salted Sardines and Fresh Sardines.
Claims use since Nov. 4, 1936.

358,486. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) MAJESTIC DISTILLING COMPANY, INC., Baltimore, Md. Filed May 18, 1938. Serial No. 406,456.

BOLTON CLUB

For Whiskey, Gin, Brandy, Cognac, and Alcoholic Cordials.
Claims use since Jan. 17, 1935.

358,487. (CLASS 45. BEVERAGES, NONALCOHOLIC.) G. N. SLAUGHTER, doing business as Slaughter Bottling Works, Mount Airy, N. C. Filed May 25, 1938. Serial No. 406,735.

SLAUGHTER'S

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Jan. 25, 1930.

358,488. (CLASS 32. FURNITURE AND UPHOLSTERY.) ROMAN FURNITURE CORPORATION, Brooklyn, N. Y. Filed June 2, 1938. Serial No. 407,031.

ROMAN

For Household Furniture for Dining Rooms, Living Rooms, and Bedrooms.
Claims use since 1934.

TRADE-MARK REGISTRATIONS RENEWED

121,367. A POLISHING AND CLEANING COMPOUND FOR FURNITURE, FLOORS, AUTOMOBILE-BODIES, AND OTHER POLISHED SURFACES. Registered April 23, 1918. ABRAHAM WEBER. Renewed April 23, 1938, to Weber Oil Company, Inc., New York, N. Y., a corporation of New York, successor.

121,904. CANDIES, CRACKERS, AND COOKIES. Registered June 11, 1918. JOHNSON BISCUIT COMPANY, Sioux City, Iowa, a corporation of Iowa. Renewed June 11, 1938.

121,924. VARNISHES, ENAMELS, AND VARNISH-STAINS. Registered June 11, 1918. MURPHY VARNISH COMPANY, Newark, N. J., a corporation of New Jersey. Renewed June 11, 1938.

121,932. CANNED SARDINES. Registered June 11, 1918. NEPTUNE SEA FOOD COMPANY, San Diego, Calif., a corporation of California. Renewed June 11, 1938.

121,949. LACQUERS, VARNISHES, READY-MIXED PAINTS. Registered June 11, 1918. REDMANOL CHEMICAL PRODUCTS CO., Chicago, Ill. Renewed June 11, 1938, to Bakelite Corporation, New York, N. Y., a corporation of Delaware, assignee.

122,029. COMPOUND USED IN THE PREPARATION OF JELLIES AND DESSERTS. Registered June 18, 1918. JAMES A. MCATEER & SONS INC. Renewed June 18, 1938, to R. C. McAteer Company, Pittsburgh, Pa., a corporation of Pennsylvania, successor.

122,035. SOFT AND STIFF FUR FELT HATS. Registered June 18, 1918. NO NAME HAT MANUFACTURING COMPANY, Orange, N. J., and New York, N. Y. Renewed June 18, 1938, to The No Name Hat Company, New York, N. Y., a corporation of Connecticut, assignee.

122,187. CARBON-PAPERS, TYPE-WRITER RIBBONS, AND PRINTING AND WRITING INKS. Registered July 9, 1918. THE CARIBONUM COMPANY LIMITED, Leyton, London, England. Renewed July 9, 1938, to Caribonum Limited, Leyton, England, a corporation of Great Britain, by change of name.

122,190. A FERTILIZER. Registered July 9, 1918. CHICKAMAUGA FERTILIZER WORKS. Renewed July 9, 1938, to A. D. Adair & McCarty Bros., Inc., Atlanta, Ga., a corporation of Georgia, assignee.

122,428. COAL. Registered August 20, 1918. BLUE DIAMOND COAL COMPANY, Knoxville, Tenn., and Cardiff, Ky. Renewed August 20, 1938, to Blue Diamond Coal Company, Knoxville, Tenn., a corporation of Delaware, successor.

122,528. WATCHES, WATCH CASES, AND WATCH-MOVEMENTS. Registered August 20, 1918. ADOLPHE SCHWOB, INC., New York, N. Y. Renewed August 20, 1938, to Tavannes Watch Co., S. A., Tavannes, Switzerland, a corporation of Switzerland, assignee.

122,555. SNAP-FASTENERS AND PLACKET-FASTENERS. Registered August 20, 1918. WALDES & COMPANY OF AUSTRIA, as assignee by mesne assignments of Waldes & Company of New Jersey, New York, N. Y. Renewed August 20, 1938, to Waldes Koh-I-Noor, Inc., Long Island City, N. Y., a corporation of New York, assignee by mesne assignments.

122,747. A DIGESTIVE TABLET. Registered September 10, 1918. SCOTT & BOWNE, Bloomfield, N. J., a corporation of New Jersey. Renewed September 10, 1938.

122,750. COTTON PIECE GOODS AND COTTON DRESS GOODS. Registered September 10, 1918. WM. SIMPSON, SONS & CO., Philadelphia, Pa., a corporation of Pennsylvania. Renewed September 10, 1938.

123,063. FRESH CITRUS FRUITS CONSISTING OF ORANGES, LEMONS, AND GRAPE-FRUIT. Registered October 8, 1918. SAN JOAQUIN FRUIT CO., Tustin, Calif. Renewed October 8, 1938, to Frances Citrus Association, Santa Ana, Calif., a corporation of California, assignee by mesne assignments.

123,079. NOZZLES AND PLAY-PIPES. Registered October 15, 1918. AMERICAN LA FRANCE FIRE ENGINE CO., INC. Renewed October 15, 1938, to American-LaFrance-Foamite Corporation, Elmira, N. Y., a corporation of New York, assignee.

123,081. RESPIRATING DEVICES. Registered October 15, 1918. AMERICAN LA FRANCE FIRE ENGINE CO., INC. Renewed October 15, 1938, to American-LaFrance-Foamite Corporation, Elmira, N. Y., a corporation of New York, assignee.

123,174. NAILS AND TACKS. Registered October 15, 1918. UNITED SHOE MACHINERY CORPORATION, as assignee of United Shoe Machinery Company. Renewed October 15, 1938, to United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass, a corporation of New Jersey, assignee.

123,245. DRESS-SHIRTS. Registered October 22, 1918. THE IDEAL SHIRT CO. Renewed October 22, 1938, to M. & D. Simon Co., Cleveland, Ohio, a corporation of Ohio, assignee.

123,257. A NEWSPAPER-SECTION ISSUED WEEKLY. Registered October 22, 1918. JAMES MCCLATCHY CO., Sacramento, Calif., a corporation of California. Renewed October 22, 1938.

123,380. WHEAT-FLOUR. Registered October 29, 1918. OMAHA FLOUR MILLS CO. Renewed October 29, 1938, to Omar Mills, Inc., Omaha, Nebr., a corporation of Nebraska, by change of name.

123,428. SAFETY-PINS. Registered November 12, 1918. CONSOLIDATED SAFETY PIN CO., Bloomfield, N. J. Renewed November 12, 1938, to The Risdon Manufacturing Company, Naugatuck, Conn., a corporation of Connecticut, assignee by mesne assignments.

123,544. MACHINE FOR WRITING ON METALS. Registered November 19, 1918. WILLIAM BREWSTER COMPANY, INC., New York, N. Y., a corporation of New York. Renewed November 19, 1938.

123,569. WHEAT-FLOUR. Registered November 19, 1918. THE COLORADO MILLING & ELEVATOR COMPANY, Denver, Colo., and Weiser, Idaho, a corporation of Colorado. Renewed November 19, 1938.

123,622. A VARNISH. Registered November 19, 1918. JOHN W. MASURY & SON, Brooklyn, N. Y. Renewed November 19, 1938, to John W. Masury & Son, New York, N. Y., a corporation of New York.

123,644. ELECTRICAL SOCKETS, PLUGS, MOTORS, AND GENERATORS. Registered November 19, 1918. RALCO MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Renewed November 19, 1938.

123,685. CERTAIN NAMED PAPER AND STATIONERY. Registered December 3, 1918. R. P. ANDREWS PAPER COMPANY, Washington, D. C., a corporation of the District of Columbia. Renewed December 3, 1938.

123,686. A PREPARATION FOR THE TREATMENT OF COLDS, COUGHS, LA GRIPPE, MALARIA, AND FEMALE TROUBLE. Registered December 3, 1918. VIRGIN M. ANDERSON, Greenville, S. C. Renewed December 3, 1938.

123,687. CHERRIES, PEACHES, PLUMS, POMEGRANATES, NECTARINES, APRICOTS, PEARS, QUINCES, PERSIMMONS, GRAPES. Registered December 3, 1918. CALIFORNIA FRUIT EXCHANGE, Sacramento, Calif., a corporation of California. Renewed December 3, 1938.

123,701. COFFEE IN CANS. Registered December 3, 1918. DUNCAN COFFEE COMPANY, Houston, Tex., a corporation of Texas. Renewed December 3, 1938.

123,708. FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPE-FRUIT. Registered December 3, 1918. GOLDEN WEST CITRUS ASSOCIATION. Renewed December 3, 1938, to The Goldenwest Citrus Association, Tustin, Calif., a corporation of California, assignee.

123,709. FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPE-FRUIT. Registered December 3, 1918. GOLDEN WEST CITRUS ASSN. Renewed December 3, 1938, to The Goldenwest Citrus Association, Tustin, Calif., a corporation of California, assignee.

123,710. FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPE-FRUIT. Registered December 3, 1918. GOLDEN WEST CITRUS ASSOCIATION. Renewed December 3, 1938, to The Goldenwest Citrus Association, Tustin, Calif., a corporation of California, assignee.

123,723. TOILET SOAP. Registered December 3, 1918. JAMES S. KIRK & COMPANY, Chicago, Ill. Renewed December 3, 1938, to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio, assignee.

123,740. COFFEE. Registered December 3, 1918. E. B. MILLAR & COMPANY, Chicago, Ill., a corporation of Illinois. Renewed December 3, 1938.

123,772. A PUBLICATION ISSUED ANNUALLY. Registered December 10, 1918. MORRIS ACKERMAN, Cleveland Ohio. Renewed December 10, 1938, to Morris Ackerman, East Cleveland, Ohio.

123,774. RUBBER-LINED COTTON-FABRIC HOSE. Registered December 10, 1918. AMERICAN LA FRANCE FIRE ENGINE CO., INC. Renewed December 10, 1938, to American-LaFrance-Foamite Corporation, Elmira, N. Y., a corporation of New York, assignee.

LABELS

REGISTERED JULY 12, 1938

51,447.—*Title:* BEECH-NUT BEANS. For Kosher Beans. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published February 3, 1938.

51,448.—*Title:* BEECH-NUT LEMON DROPS. For Lemon Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published May 31, 1938.

51,449.—*Title:* BEECH-NUT LEMON DROPS (FREE SAMPLE). For Lemon Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published June 1, 1938.

51,450.—*Title:* BEECH-NUT LIME DROPS. For Lime Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published May 26, 1938.

51,451.—*Title:* BEECH-NUT LIME DROPS (FREE SAMPLE). For Lime Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published June 1, 1938.

51,452.—*Title:* BEECH-NUT ORANGE DROPS. For Orange Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published May 27, 1938.

51,453.—*Title:* BEECH-NUT ORANGE DROPS (FREE SAMPLE). For Orange Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published June 1, 1938.

51,454.—*Title:* BEECH-NUT MINTS. For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published May 11, 1938.

51,455.—*Title:* BEECH-NUT MINTS (FREE SAMPLE). For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 4, 1938.

51,456.—*Title:* BEECH-NUT MINTS. For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 1, 1938.

51,457.—*Title:* BEECH-NUT MINTS (FREE SAMPLE). For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 18, 1938.

51,458.—*Title:* BEECH-NUT MINTS (FREE SAMPLE). For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 4, 1938.

51,459.—*Title:* BEECH-NUT MINTS. For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 5, 1938.

51,460.—*Title:* BEECH-NUT MINTS (FREE SAMPLE). For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 18, 1938.

51,461.—*Title:* PHYLLIS BRAND. For Cartons. BIRD & SON, INC., East Walpole, Mass. Published June 8, 1938.

51,462.—*Title:* GRACEFUL ARCH. For Cartons. BIRD & SON, INC., East Walpole, Mass. Published June 15, 1938.

51,463.—*Title:* BROWNS HICKORY SMOKED TURKEY. For Hickory Smoked and Broiled Turkeys. JOHN BROWN, Ossining, N. Y. Published February 1, 1938.

51,464.—*Title:* VITAL-ADE BALANCER. For a Live Stock and Poultry Supplement. BUNDY BROS. MILLING CO., Medora, Ind. Published June 3, 1938.

51,465.—*Title:* H. E. B. For Canned Spinach. H. E. BUTT GROCERY COMPANY, Harlingen, Tex. Published April 30, 1938.

51,466.—*Title:* C AND H SUGAR PURE CANE BERRY GRANULATED. For Sugar. CALIFORNIA AND HAWAIIAN SUGAR REFINING CORPORATION, LIMITED, doing business as California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. Published June 15, 1938.

51,467.—*Title:* EXCHANGE FRUIT PECTIN. For Prepared Fruit Pectin. CALIFORNIA FRUIT GROWERS EXCHANGE, Los Angeles, Calif. Published May 27, 1938.

51,468.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published June 3, 1938.

51,469.—*Title:* NUT POP. For Ice Cream Confections. CONSOLIDATED DAIRY PRODUCTS COMPANY, INC., Long Island City, N. Y. Published June 3, 1938.

51,470.—*Title:* NUT POP. For Ice Cream Confections. CONSOLIDATED DAIRY PRODUCTS COMPANY, INC., Long Island City, N. Y. Published June 3, 1938.

51,471.—*Title:* SCREWY. For Score Pads. EAGLE LOCK COMPANY, Terryville, Conn. Published April 22, 1938.

51,472.—*Title:* CARENTO. For a Game. THE EMBOSSING COMPANY, Albany, N. Y. Published May 1, 1938.

51,473.—*Title:* NATURE'S REJUVENATION MASSAGE CREAM. For Massage Cream. INA PEARL FAIR, doing business as Presto Beauty Products, Detroit, Mich. Published January 1, 1937.

51,474.—*Title:* NATURE'S REJUVENATION MASSAGE OIL. For Massage Oil. INA PEARL FAIR, doing business as Presto Beauty Products, Detroit, Mich. Published January 1, 1937.

51,475.—*Title:* OLD MARINERS DECK ENAMEL WATERPROOF. For Waterproof Deck Enamel. THE FEDERAL COMPOSITION & PAINT COMPANY, INC., New York, N. Y. Published May 1, 1938.

51,476.—*Title:* FEDERAL YACHT PAINTS. For Liquid Paints. THE FEDERAL COMPOSITION & PAINT COMPANY, INC., New York, N. Y. Published May 1, 1938.

51,477.—*Title:* IRWIN COUGH SYRUP FOR BRONCHIAL COUGHS AND LUNG COLDS. For Cough Syrup. LAWRENCE IRWIN, Wisconsin Rapids, Wis. Published May 7, 1938.

51,478.—*Title:* THE ANCIENT GAME OF THE MANDARINS. For a Game. IVORYCRAFT CO., INC., Long Island City, N. Y. Published March 16, 1938.

51,479.—*Title:* MRS. KARL'S HOME SCIENCE WHITE BREAD. For White Bread. MRS. KARL'S BAKERIES, INC., Milwaukee, Wis. Published May 16, 1938.

51,480.—*Title:* GENUINE BACHARI. For a Tweed Fabric. LEEWOOD FABRICS, INC., doing business as Leewood Fabrics, New York, N. Y. Published May 17, 1938.

51,481.—*Title:* OLD GERMAN BRAND. For Beer. LOCKPORT BREWING CO., Lock Haven, Pa. Published May 26, 1938.

51,482.—*Title:* MISS AMERICA HUMAN HAIR NET. For Hair Nets. H. A. LOEB & CO., Chicago, Ill. Published May 6, 1938.

51,483.—*Title:* MANLOVE'S S-P-K FOR HEADACHES SPEEDY-PLEASANT-KIND. For Headache Powders. WILLIAM E. MANLOVE, doing business as Manlove's Laboratories, Norfolk, Va. Published June 9, 1938.

51,484.—*Title:* 359. For Cigars. MARTA CIGAR COMPANY, New York, N. Y. Published May 27, 1938.

51,485.—*Title:* MENASHA SLICED BREAD. For Bread. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published May 24, 1938.

51,486.—*Title:* PURITY DONUTS. For Doughnuts. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published February 5, 1938.

51,487.—*Title:* HOLSUM CAKE. For Cake. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published January 10, 1938.

51,488.—*Title:* MENASHA ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published March 8, 1938.

51,489.—*Title:* DELICIOUS MENASHA ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published March 8, 1938.

51,490.—*Title:* DELICIOUS ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published April 6, 1938.

51,491.—*Title:* MENASHA ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published March 8, 1938.

51,492.—*Title:* MENASHA BUTTER. For Butter. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published October 5, 1937.

51,493.—*Title:* WIGWAM DOUGHNUTS. For Doughnuts. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published January 10, 1938.

51,494.—*Title:* MENASHA ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published March 20, 1938.

51,495.—*Title:* MENASHA ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published March 8, 1938.

51,496.—*Title:* DOUGHNUTS. For Doughnuts. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published January 12, 1938.

51,497.—*Title:* HATTON MAID BUTTER. For Butter. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published June 10, 1938.

51,498.—*Title:* CHURNMAID OLEOMARGARINE. For Oleomargarine. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published April 15, 1937.

51,499.—*Title:* PREMIUM MOTOR OIL. For Motor Oil. NOURSE OIL CO., Kansas City, Mo., and Kansas City, Kans. Published May 1, 1938.

51,500.—*Title:* O-SO-EZY FURNITURE POLISH. For Furniture Polish. O-CEDAR CORP'N, Chicago, Ill. Published April 26, 1938.

51,501.—*Title:* AUTO POLISH AND CLEANER. For an Automobile Polish and Cleaner. O-CEDAR CORP'N, Chicago, Ill. Published August 13, 1937.

51,502.—*Title:* MAISANO. For Pure Tomato Paste. THE PEPE-MAISANO CO., New Haven, Conn. Published June 3, 1937.

51,503.—*Title:* PRO-TEK. For a Latherless Shaving Cream. PINAULT LABORATORIES, West Warwick, R. I. Published March 17, 1938.

51,504.—*Title:* POP-O-TENDERIZED FRENCH FRIED POP CORN. For Pop Corn. POP-O-PRODUCTS, INC., Chicago, Ill. Published May 19, 1938.

51,505.—*Title:* MISS ST. LOUIS POPCORN. For Popcorn. D. N. ROBERTSON, St. Louis, Mo. Published June 1, 1938.

51,506.—*Title:* ROYAL. For Butterscotch Pudding. STANDARD BRANDS INCORPORATED, New York, N. Y. Published May 27, 1938.

51,507.—*Title:* STANTON GIANT. For Ale. THE STANTON BREWERY INC., Troy, N. Y. Published May 26, 1938.

51,508.—*Title:* PEPPERMINT FLAVORED STERLING GUM. For Peppermint Flavored Gum. STERLING GUM CO. INC., New York, N. Y. Published May 4, 1938.

51,509.—*Title:* PEPPERMINT FLAVORED STERLING GUM. For Peppermint Flavored Gum. STERLING GUM CO. INC., New York, N. Y. Published May 4, 1938.

51,510.—*Title:* BLACK LEAF 40. For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION (INCORPORATED), Louisville, Ky. Published March 14, 1938.

51,511.—*Title:* NICO-FUME LIQUID. For Highly Refined Solution of "Free" Nicotine. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION (INCORPORATED), Louisville, Ky. Published March 17, 1938.

51,512.—*Title:* VAPO-FUME INSECTICIDE. For Special Nicotine Compound Used as an Insecticide. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION (INCORPORATED), Louisville, Ky. Published May 5, 1938.

51,513.—*Title:* STOP RUST FOR AUTOMOTIVE COOLING SYSTEMS. For a Product for Automotive Cooling Systems. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif. Published April 20, 1938.

51,514.—*Title:* BURNEAZE. For an External Emollient for Burns and Sunburn. UNITED DISTRIBUTORS, INC., Louisville, Ky. Published April 22, 1938.

51,515.—*Title:* BARSOUR. For a Blend of Fruit Acids and Lemon Flavor Emulsified. VIRGINIA DARE EXTRACT COMPANY, INC., Brooklyn, N. Y. Published April 25, 1938.

51,516.—*Title:* PAK-RITE RIBBONS. For Ribbons. JOHN C. WELWOOD CORPORATION, New York, N. Y. Published February 1, 1938.

51,517.—*Title:* BANC-NYTE POTATOES. For Potatoes. ROBT. WILBOURN, Morgantown, W. Va. Published May 23, 1938.

PRINTS

REGISTERED JULY 12, 1938

16,931.—*Title:* JACK ARMSTRONG SHIPWRECKED. For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published June 5, 1938.

16,932.—*Title:* IF YOU WANT THE TOPS . . . TRY A BREAKFAST OF CHAMPIONS. For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published June 7, 1938.

16,933.—*Title:* HERSHEY'S BITTER-SWEET. For Bitter-Sweet Chocolate Bars. HERSHEY CHOCOLATE CORPORATION, Hershey, Pa. Published February 14, 1938.

16,934.—*Title:* NO MAN CAN MAKE A GOOD COAT WITH BAD CLOTH. For Coffee. HILLS BROS., San Francisco, Calif. Published May 18, 1938.

16,935.—*Title:* THE CORRECT GRIND—ADFORM 188. For Coffee. HILLS BROS., San Francisco, Calif. Published April 24, 1938.

16,936.—*Title:* INDIAN MYSTERY STICK. For a Novelty. H. G. JACKSON, Chicago, Ill. Published February 12, 1938.

16,937.—*Title:* CONCRETE MIXES. For Portland Cement. MISSOURI PORTLAND CEMENT COMPANY, St. Louis, Mo. Published May 16, 1938.

16,938.—*Title:* A LIFE SAVER ON A DARK NIGHT. For Search Lights. THE S. H. THOMSON MANUFACTURING COMPANY, Dayton, Ohio. Published April 20, 1938.

16,939.—*Title:* PENA-LITE. For Photography. GUY A. WYMAN, Wausau, Wis. Published May 5, 1938.

REISSUES

JULY 12, 1938

20,788

METHOD OF PLATING STEEL

John S. Nachtman, Beaver, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa., a corporation of New Jersey

Original No. 1,991,817, dated February 19, 1935, Serial No. 425,881, February 4, 1930. Application for reissue February 18, 1937, Serial No. 126,529

1 Claim. (Cl. 204—17)



In a process for producing tin plated steel strip, heating the strip to a temperature sufficiently high to anneal and temper the same, gradually cooling said strip while preventing contact with external air, joining portions of strip end to end to form continuous strip with good electrical contact at the joint, and moving the continuous strip uninterruptedly and at a substantially constant speed through the sequential operations of acid pickling, washing, electroplating in a tin bath in which the moving strip constitutes the cathode and passes between anodes distributed along the submerged portion of the strip, washing, and drying, said operations thus producing steel strip coated with an adherent and evenly distributed electrodeposit of tin.

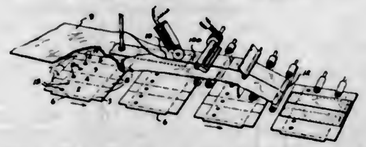
20,789

METHOD OF FORMING CONTAINERS

Robert M. Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and himself, as trustees

Original No. 2,095,910, dated October 12, 1937, Serial No. 89,539, July 8, 1936. Application for reissue April 26, 1938, Serial No. 204,382

18 Claims. (Cl. 93—36.01)



1. That method of container manufacture which consists in providing cut and creased carton blanks, forming flat bags closed at one end, and thereafter depositing them in desired position on the blanks while flat, there being adhesive interposed between the blank and the bag, and then folding the blanks into a flat form and fastening the overlapping edges thereof, whereby a flat container is formed with the bag in place therein and adhesively secured therein.

20,790

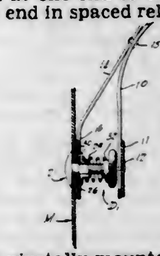
HEADGEAR FRICTION JOINT DEVICE FOR WELDING SHIELDS

Frederick M. Bowers, Chester, Pa.

Original No. 2,111,747, dated March 22, 1938, Serial No. 166,797, October 1, 1937. Application for reissue April 16, 1938, Serial No. 202,473

7 Claims. (Cl. 2—8)

1. A protective device of the character described comprising a headband adapted to be mounted on the head of a wearer, said headband consisting of a strip adapted to fit around the head of a wearer, and a cross piece connected at each end to the said strip and adapted to extend over the top of the head of a wearer, a bracket strip anchored at one end to the cross piece and having its free end in spaced relation to the head-



band, a shield pivotally mounted on the free end of said bracket strip, and a friction device interposed between the free end of said bracket strip and the headband.

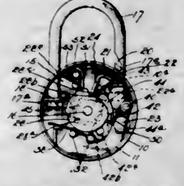
20,791

SELF-CLOSING COMBINATION LOCK

Raymond J. Buettner and Robert A. Found, West Allis, Wis., Joseph M. Muntner, Chicago, and John J. Neitz, Naperville, Ill., and Frank C. Zanzig, Milwaukee, Wis., assignors to Dudley Lock Corporation, Chicago, Ill., a corporation of Illinois

Original No. 1,902,214, dated March 21, 1933, Serial No. 463,018, June 23, 1930. Application for reissue May 31, 1934, Serial No. 728,448

23 Claims. (Cl. 70—25)



1. In a permutation lock, a lock casing, a shackle mounted in the casing having one end adapted to be released from engagement therein, a locking pawl mounted in the casing and engageable with said releasable end of the shackle, tumbler mechanism including a series of disks adapted to be adjusted in a predetermined combination which permits said pawl to release the end of the shackle, and means engageable by the end of the shackle as it re-enters the casing for positively disarranging the tumbler disks.

20,792

TRANSMISSION SYSTEM

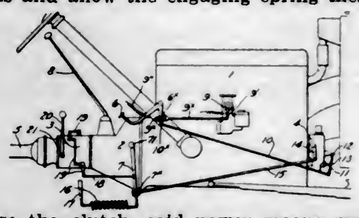
Edward Henry James Cecil Gillett, West Hempstead, London, England; Hilda Cohen, executrix of will of said Edward Henry James Cecil Gillett, deceased, assignor to Reduction Gears Limited, London, England

Original No. 1,923,819, dated August 22, 1933, Serial No. 412,461, December 7, 1929. Application for reissue July 23, 1935, Serial No. 32,808. In Great Britain July 23, 1929

36 Claims. (Cl. 192—.01)

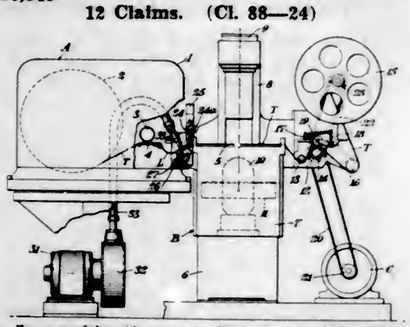
1. In a power transmission system including a prime mover and a driven shaft, a friction clutch, spring means tending to engage the

clutch, clutch withdrawal spring means of greater strength than the engaging spring means, a power means independent of the driven shaft and deriving power from the prime mover to overcome the clutch withdrawal spring means and allow the engaging spring means to



engage the clutch, said power means embodying incompressible operating means so that the rate of engagement of the clutch is proportional to the absolute speed of the prime mover, control means for the power means and automatic means operative when the clutch is fully engaged to limit the force exerted by the power means.

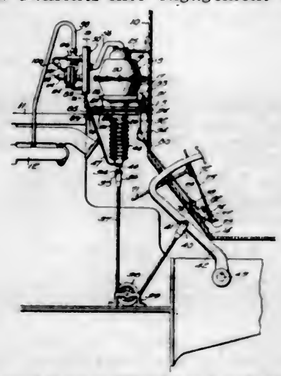
20,793
CONTROL SYSTEM
James H. S. Hamer, Brooklyn, N. Y., assignor to Trans-Lux Corporation, a corporation of Delaware
Original No. 2,023,420, dated December 10, 1935, Serial No. 628,532, August 12, 1932. Application for reissue December 19, 1936, Serial No. 116,843
12 Claims. (Cl. 88—24)



1. In combination, a switch, means for directing an operating jet of air toward said switch, and a tape movable in loop formation between said switch and said means, the length of the tape loop controlling operation of said switch by said jet of air.

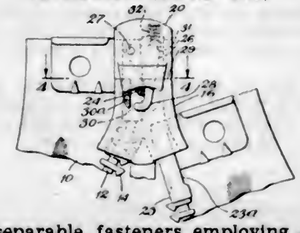
20,794
CLUTCH OPERATING DEVICE FOR MOTOR VEHICLES
Edward G. Hill and Henry W. Hey, Richmond, Va., assignors to Hill Engineering Corporation, Richmond, Va., a corporation of Virginia
Original No. 1,881,188, dated October 4, 1932, Serial No. 578,394, December 1, 1931. Application for reissue January 26, 1934, Serial No. 708,502
27 Claims. (Cl. 192—.01)

1. Apparatus of the character described comprising a power device connected to an operating member of a motor vehicle clutch, control means operable for rendering said power device operative to move the clutch to inoperative position and for releasing the clutch elements for movement toward operative position, means operative as the clutch elements approach operative position for arresting the movement of such elements, and means for controlling the rate of movement of the clutch elements into engagement with each



other in accordance with the rate of operation of the throttle of the motor vehicle engine in proportion to the engine speed.

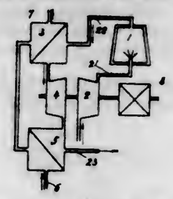
20,795
SEPARABLE FASTENER
Davis Marinsky, Bronx, N. Y., assignor to Whitehall Patents Corporation, New York, N. Y., a corporation of New York
Original No. 2,103,037, dated December 21, 1937, Serial No. 106,962, October 22, 1936. Application for reissue May 14, 1938, Serial No. 207,991
22 Claims. (Cl. 24—205)



1. In separable fasteners employing stringers and a slider movable longitudinally of the stringers to couple and uncouple the same and an end stop coupling one end of the stringers, means involving coupling elements composed of rigid material on said end stop and slider for positively and detachably coupling the slider with said end stop to prevent separation of said parts when in juxtaposition to each other, and said coupling elements being concealed within and between the end stop and slider when coupled together.

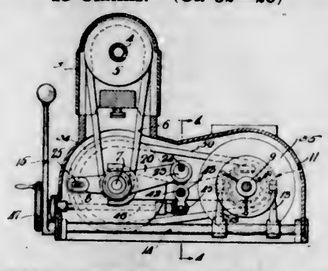
20,796
HEAT EXCHANGE PLANT
Walter Gustav Noack, Baden, Switzerland, and Paul Max Schattschneider, Seckenheim, Germany, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland
Original No. 1,997,229, dated April 9, 1935, Serial No. 712,574, February 23, 1934. Application for reissue July 14, 1936, Serial No. 90,620. In Germany February 20, 1933
20 Claims. (Cl. 263—19)

1. An air-heating plant for producing large amounts of highly heated air, comprising a high pressure, high velocity air heater having metallic heating surfaces separating a section of said air-heater having provisions for the passage of highly heated combustion gases for heating said metallic surfaces by passing through said air-heater at high pressure and high velocity from a second section having provisions for the passage of air highly heated by heat transferred from said metallic heating surfaces and said highly heated combustion gases, a high pressure furnace producing hot high pressure combustion gases for providing the highly heated combustion gases passing through said air-heater, a steam generator directly associated with said high pressure furnace and interposed in the path of the hot high pressure gases between said high



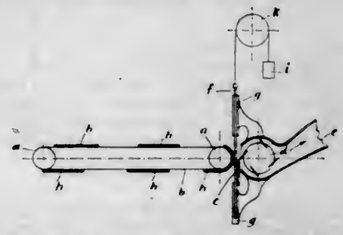
pressure furnace and said air-heater and reducing the temperature of the hot gases emanating from said high pressure furnace to a point which is not harmful to said metallic heating surfaces of said air-heater, conduit means between said steam generator and air-heater for conducting to said air-heater said highly heated combustion gases heated to a temperature rendered less than the temperature of the hot high pressure combustion gases produced in said high pressure furnace as the result of heat extracted therefrom by said steam generator, and conduit means having connection with said air-heater for conducting heated air from said air-heater to a source of use foreign to the air-heating plant.

20,797
LATHE
Frederick T. Potter, Whitinsville, Mass., assignor to Stark Tool Company, Waltham, Mass., a corporation of Massachusetts
Original No. 2,081,641, dated May 25, 1937, Serial No. 67,241, March 5, 1936. Application for reissue February 7, 1938, Serial No. 189,175
13 Claims. (Cl. 82—28)



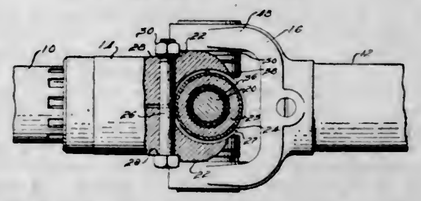
1. A lathe comprising a spindle, a pulley for driving the spindle, a countershaft, a pulley on the countershaft, a belt trained over said pulleys, a driven shaft, means supporting said countershaft for movement toward and away from both said spindle and driven shaft, a driving shaft, a clutch for interconnecting the driving and driven shafts, V-pulleys on said driven and countershafts respectively, said V-pulleys having opposite stationary cones fast to their respective shafts and opposite adjustable cones movable along their respective shafts, means for moving said adjustable cones in unison, means coacting with said means supporting said countershaft for moving said countershaft toward and away from said driven shaft and said spindle and means for locking said countershaft in adjusted position.

20,798
ART AND MACHINE FOR CUTTING PATTERNS INTO FUR SKINS
Herman Waag, Neuilly-sur-Seine, Paris, France, assignor to Crown Fur Dyeing Corporation, New York, N. Y., a corporation of New York
Original No. 1,747,406, dated February 18, 1930, Serial No. 224,187, October 5, 1927. Application for reissue October 26, 1936, Serial No. 107,642. In Germany August 31, 1927
9 Claims. (Cl. 149—26)



1. In a device for cutting out patterns in fur skins, the combination of a cutting tool, an apertured and resilient flat template, means to move the said template in front of the said cutting tool in a plane, means to feed and secure the skin against the template for simultaneous movement with the template while the latter passes in front of the cutting tool thereby allowing the free hairs to penetrate through the apertures toward the said cutting tool, and means to raise and draw the free hairs extending through the apertures of the template toward the cutting tool during cutting operation.

20,799
UNIVERSAL JOINT MECHANISM
Hans Wollner, Detroit, Mich., assignor to Universal Products Company, a corporation of Delaware
Original No. 2,058,544, dated October 27, 1936, Serial No. 31,771, July 17, 1935. Application for reissue February 11, 1937. Serial No. 125,287
4 Claims. (Cl. 64—17)

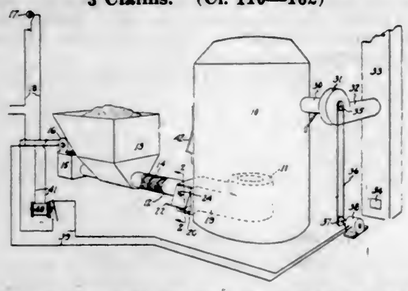


1. Universal joint mechanism comprising, in combination, a coupling having a trunnion, a yoke having legs spaced from each other at the forward ends and connected together at the rear ends to provide a journal for said trunnion, an intermediate member interposed between said trunnion and said journal and having a peripheral recess, and a bolt passed through said legs adjacent the rear ends thereof and cooperative with said recess to retain said member in place.

PATENTS

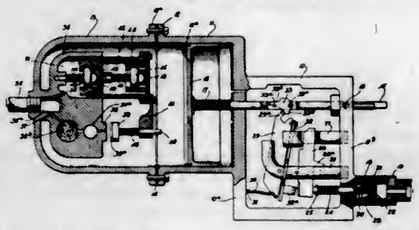
GRANTED JULY 12, 1938

2,123,163
UNDERFEED STOKER
Edward B. Birkenbeuel, Portland, Oreg., assignor to Iron Fireman Manufacturing Company, Portland, Oreg.
Application August 27, 1934, Serial No. 741,582
3 Claims. (Cl. 110—162)



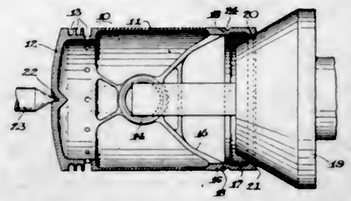
1. The combination with an underfeed stoker including thermostatically controlled coal feeding means and a retort, of a furnace, an exhaust fan in the smoke pipe of said furnace, and means for delaying the commencement of each fan operation until after the commencement of each fuel feeding operation.

2,123,164
AUTOMATIC AIR BRAKE RELEASE VALVE
Stanley Bogut, Chicago, Ill.
Application October 8, 1937, Serial No. 167,943
13 Claims. (Cl. 303—80)



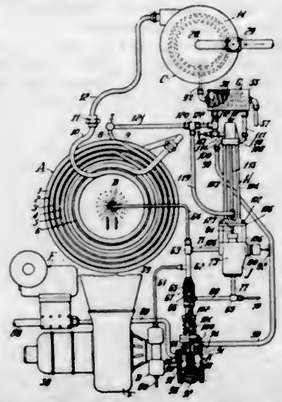
1. In a device for automatically releasing compressed air from a reservoir of an air braking mechanism, a main cylindrical housing, connectable to a train air line; a mounting frame on one end of said housing; a valve housing on said frame; a spring-pressed valve in said housing, said valve housing being adapted to be connected in communication with an air reservoir of a piston-actuated air brake mechanism; a piston slidable in said main housing, a piston rod connected to said piston and slidably journalled in said mounting frame; a dome-like member in said housing having a main air inlet opening connectable to the train line, and an air inlet passageway and an air outlet passageway therethrough communicating with said main air inlet opening; a valve for closing said air inlet passageway, a stem connected to said last mentioned valve and slidably mounted for horizontal movement; a spring on said valve stem for closing said valve; a check valve in said air outlet passageway adapted to close when air pressure is introduced into the main air inlet from the train line, and spring means for normally holding said check valve in closed position.

2,123,165
SLIPPER-TYPE PISTON BLANK
Otto W. Brown, Milwaukee, Wis., assignor to Wisconsin Machinery and Manufacturing Company, West Allis, Wis., a corporation of Wisconsin
Application February 15, 1937, Serial No. 125,753
6 Claims. (Cl. 29—156.5)



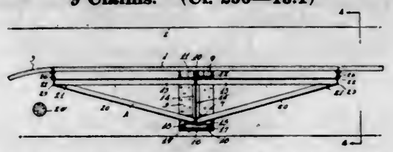
1. A slipper-type piston blank having a skirt with slipper projections, and having a severable, centrally open, annular chucking section integrally joined to the ends of said slipper projections and presenting an inner chucking periphery.

2,123,166
STEAM GENERATING SYSTEM
Alick Clarkson, Elmhurst, Ill.
Application June 21, 1937, Serial No. 149,465
8 Claims. (Cl. 122—448)



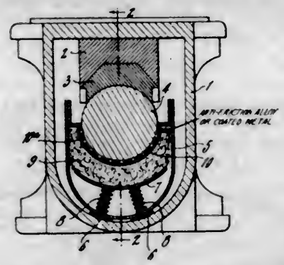
1. In steam generating apparatus, the combination of a generator through which water is circulated and partially converted into steam, means for delivering feed water to the generator, a heater for the generator, a separator for receiving the mixture of water and steam from the generator and separating the steam from the water, and means for increasing or decreasing the supply of fuel to the heater as the amount of water discharged from the separator increases or decreases.

2,123,167
HIGHWAY GUARDRAIL
Louis S. Cain, Honolulu, Territory of Hawaii
Application June 8, 1936, Serial No. 84,099
9 Claims. (Cl. 256—13.1)



5. In combination, a plurality of triangularly-shaped frames, means pivotally mounting the frames so that they will swing about the midpoints of their bases as centers, and a guardrail carried by all of the frames, said guardrail being connected to each frame at each end of the base of the frame, whereby the guardrail can flex between adjacent frames and also flex between the ends of each frame.

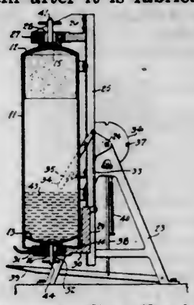
2,123,168
LUBRICATING DEVICE
Pontus H. Conradson, Franklin, Pa.; The Lamberton National Bank of Franklin, George H. Conradson, and Nina Conradson Winkler executors of said Pontus H. Conradson, deceased
Application February 3, 1937, Serial No. 123,772
3 Claims. (Cl. 308—88)



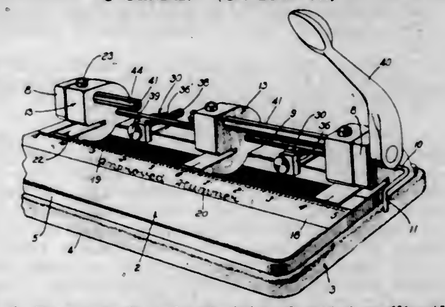
1. In combination with an axle and a journal box therefor, a lubricating device comprising rails positioned on the bottom surface of said box and having upturned inner ends for engagement with the back wall of said box, a transverse handle extending between the forward ends of said rails, a frame supported on said rails and extending upwardly beyond the horizontal diameter of said axle, a body of lubricant saturated material maintained under compression in said frame, a perforate cover member positioned on said material, a fabric lining secured to the underside of said cover member, a friction reducing metal positioned on the upper side of said cover member and in engagement with the axle bearing surface, and guide means on said cover member comprising outwardly and upwardly extending portions in engagement with the inner walls of said frame.

2,123,169
METHOD OF MAKING RANGE BOILERS
Paul L. Fowler, Portland, Oreg.
Original application December 27, 1935, Serial No. 56,339. Divided and this application October 1, 1937, Serial No. 166,855
5 Claims. (Cl. 29—157.4)

1. A method of constructing range boilers consisting of forming a tank into a desired shape and then subjecting the tank to an excessive internal pressure in a manner to produce a permanent set therein after it is fabricated into tank form, and then enameling the interior of said tank.

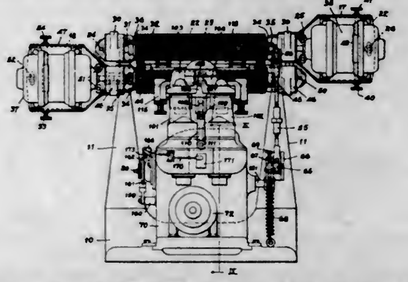


2,123,170
BACK GAUGE FOR PUNCHES
George H. Dawson, Chicago, Ill., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts
Application September 19, 1934, Serial No. 744,629
6 Claims. (Cl. 164—91)



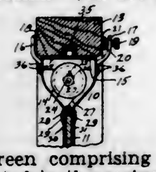
1. In a punch, a bent strip of metal resiliently held against a lateral movement, a screw threaded through portions of said strip, and a flat disk secured to one end of said screw.

2,123,171
POLISHING APPARATUS
Alfred E. Hamilton, Pittsburgh, Pa.
Application November 14, 1936, Serial No. 110,863
8 Claims. (Cl. 51—84)



7. Polishing apparatus comprising a polishing roll, a work holder, means for moving the work holder toward and from the polishing roll to move a work piece on the face of the roll, and a device operable simultaneously with said means, for effecting combined reciprocatory and shorter vibratory movements of the work holder in directions transversely of the path of movement of the work holder.

2,123,172
VEHICLE SCREEN
Iver H. Hedlund, Sioux City, Iowa
Application May 7, 1936, Serial No. 78,381
1 Claim. (Cl. 156—39)

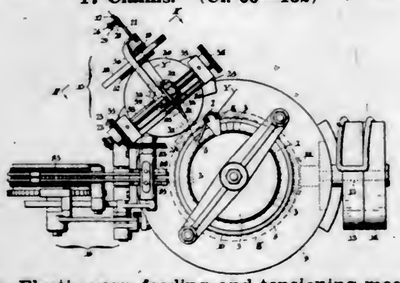


A vehicle screen comprising a casing, a reel rotatably mounted in the casing, a pliable screen wound on the reel, means attached to the lower edge of the screen to permit engagement of the upper edge of a vehicle window therewith, said means including a pair of arcuate resilient members, a rubber member having a channel and bevelled shoulders adapted to receive the upper edge of a vehicle window, received between the resilient members.

2,123,173
ALKALINE EARTH FILLER
Otto Kress and Charles E. Johnson, Appleton, Wis., assignors to The Institute of Paper Chemistry, Appleton, Wis., a corporation of Wisconsin
No Drawing. Original application March 2, 1935, Serial No. 9,015. Divided and this application March 27, 1936, Serial No. 71,184
7 Claims. (Cl. 134—58)

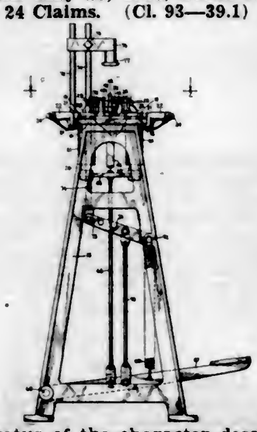
1. A method of preparing an alkaline earth filler for use in paper making, comprising admixing with a sludge of alkaline earth solids in finely divided condition an emulsion of substantially inert wax material, stabilized with an acid precipitable, proteinaceous, protective colloid and adding an acidic reagent to said emulsion whereby the particles of alkaline earth material are coated with a film of said wax-like material and the latter is in turn protected by means of said colloid, the ratio of the proteinaceous colloid to the wax material being at least about 1:4.

2,123,174
ELASTIC YARN FEEDING AND TENSIONING MECHANISM FOR KNITTING MACHINES
George W. Lindley, Philadelphia, Pa.
Application October 19, 1936, Serial No. 106,392
17 Claims. (Cl. 66—132)



1. Elastic yarn feeding and tensioning mechanism for knitting machines comprising a plurality of serially-arranged devices by which the yarn is tensioned enroute to the knitting needles, each such device consisting of a drive disk and a contacting roller between which the yarn is passed; and means whereby the rollers can be shifted radially of the disks to vary the tension and the rate of feeding of the yarn as the knitting proceeds.

2,123,175
FOLDING APPARATUS AND METHOD
Maurice M. Balsam, New York, N. Y., assignor to William L. Lawson, New York, N. Y.
Application May 20, 1936, Serial No. 80,683
24 Claims. (Cl. 93—39.1)



1. Apparatus of the character described comprising means for supporting a hollow blank of material having a polygonal shape at points thereon spaced apart from each other, and means cooperating with said supporting means for folding said blank along predetermined lines into the shape of a bellows.

2,123,176
ARCH SUPPORTING APPARATUS
Alexander E. Block, University City, Mo.
Application November 17, 1934, Serial No. 753,465
17 Claims. (Cl. 36—71)



1. A shoe having an arch supporting apparatus, comprising a carrier provided with pockets for longitudinal arch pads and a plurality of individual metatarsal arch pads on said carrier arranged in overlapping lateral relationship with one another and also disposed in overlapping relationship with one or more of the longitudinal arch pads, thereby enabling a metatarsal arch pad to be arranged in various positions transversely of the carrier without liability of shifting laterally out of adjusted position.

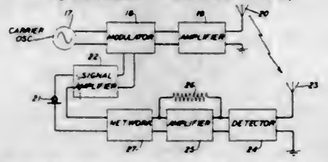
2,123,177
ACOUSTIC DEVICE
Nelson Blount, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 26, 1936, Serial No. 102,697
3 Claims. (Cl. 179—103)

1. An acoustic device comprising a sound wave translating unit including a terminal, a case of flexible material having an open end portion in which the unit is positioned and held in place by the contraction of the case material about its peripheral portion, said case having a groove in its inner surface adjacent said unit, spring contact means opposite said terminal, and a disc of insulating material having its peripheral portion disposed in said groove and held therein by the contraction of the case material, said disc



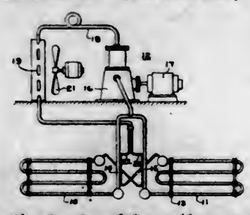
supporting said contact means in engagement with said terminal.

2,123,178
AMPLIFIER
Hendrik W. Bode, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 22, 1937, Serial No. 149,565
15 Claims. (Cl. 179—171)



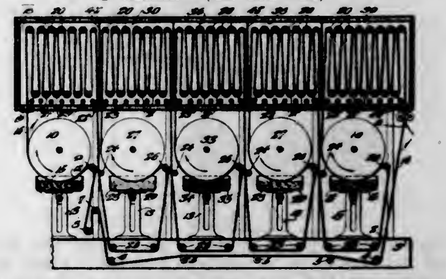
11. In a carrier wave transmitter comprising a carrier wave source, a signal source, modulating means, means for impressing oscillations from said carrier source and said signal source upon said modulating means, and a high frequency amplifier coupled to said modulating means for amplifying the modulated carrier wave produced therein, a feedback path extending from the output circuit of said amplifier to the output circuit of said signal source, a rectifier in said feedback path and a degenerative feedback amplifier included in said feedback path between said rectifier and said signal source, said amplifier having uniform gain over a frequency range which includes the frequency range of the signals from said source and is large compared therewith.

2,123,179
REFRIGERATING APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 28, 1937, Serial No. 122,716
12 Claims. (Cl. 62—115)



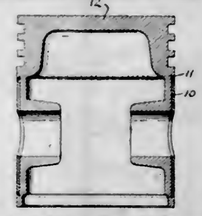
1. The method of refrigerating a plurality of evaporators, which comprises vaporizing refrigerant in the evaporators, withdrawing the vaporous refrigerant from the evaporators, condensing the withdrawn refrigerant, conveying the condensed refrigerant to the evaporators in parallel and varying the heat content of the condensed refrigerant supplied to an evaporator in response to variations in the temperature of the vaporous refrigerant withdrawn from another evaporator.

2,123,180
SHEET MATERIAL
Elbert A. Corbin, Jr., Gradyville, and Ellwood W. Wolf, Philadelphia, Pa., assignors of one-third to William C. Biddle, Lansdowne, Pa.
Application November 20, 1934, Serial No. 753,812
1 Claim. (Cl. 154—46)



A composite wrapping sheet material comprising, in integrated form, a central layer formed of a rubber compound, outer layers formed of a water-proofing resinous substance, and layers of an adhesive gelatinous substance intermediate and inter-connecting the opposite sides of said central layer with said outer layers.

2,123,181
METHOD OF BONDING FERROUS AND NON-FERROUS METALS
Horace E. Deputy, Rochester, Minn.
Application December 26, 1935, Serial No. 56,132
Renewed September 7, 1937
3 Claims. (Cl. 22—204)

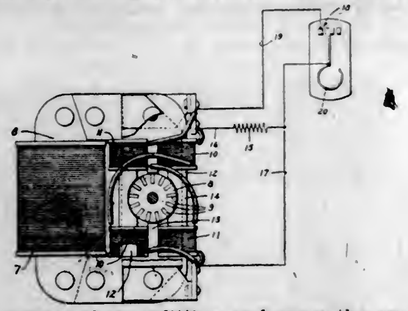


1. The process of bonding a ferrous metal with a non-ferrous metal comprising at least partly aluminum, which comprises heating the ferrous metal to approximately 850 degrees F., dipping the ferrous metal in a molten bath comprising principally zinc but including small quantities of iron and lead, to coat the ferrous metal therewith, the bath being at a temperature of approximately 860 degrees F. while limiting access of oxygen thereto, and quickly thereafter pouring the non-ferrous metal into engagement with the coated surface of the ferrous metal.

2,123,182
MOTOR CONTROL
George Forrest Drake, Rockford, Ill., assignor to Howard D. Colman, Rockford, Ill.
Application March 23, 1934, Serial No. 716,927
10 Claims. (Cl. 172—278)

5. A reversible single phase alternating current motor having poles, one of which is divided into two pole sections, a shading means on one of said pole sections of sufficient shading capacity to produce phase splitting causing rotation of the motor in one direction, and a normally open circuited shading means on the other section of the same pole having sufficiently larger

shading capacity to act in conjunction with the first named shaded pole section but in opposition to the first named shading means to produce reverse phase splitting and cause the motor to rotate in a reverse direction when the circuit of the last named shading means is closed.



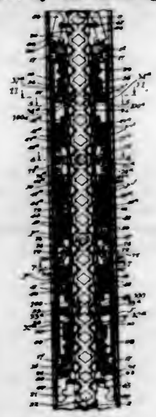
2,123,183
PUMPING MECHANISM
Edward C. Ekstromer, Los Gatos, Calif., assignor to Electrolift Corporation, Reno, Nev., a corporation of Nevada
Application May 27, 1936, Serial No. 82,025
12 Claims. (Cl. 103—46)



1. In pumping mechanism of the class described, a tubular housing adapted to be suspended from its upper end in a well hole; a rigid assembly of operatively connected units insertable into an end of the housing and including a co-axial series of motors and power transferring mechanism having a member to which reciprocating movement is transmitted; co-acting means on the housing and units of said assembly for confining the latter against rotation relative to the housing; and means in the housing co-acting with the uppermost and lowermost units of the assembly to secure the assembly against axial displacement in the housing.

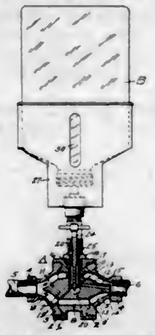
2,123,184
DRIVING MECHANISM
Edward C. Ekstromer, Los Gatos, Calif., assignor to Electrolift Corporation, Reno, Nev., a corporation of Nevada
Application May 11, 1937, Serial No. 141,955
18 Claims. (Cl. 74—57)

1. Motion converting mechanism comprising a shuttle; a rotary driving member adapted to be rotated in one direction; a plurality of rotary driven members; means operatively connecting said driven members to the shuttle for movement axially therewith yet rendering the driven members free to rotate idly with the driving member; means by which the driven members when held against rotation are adapted to be axially fed in opposite directions by the driving member; means



for alternately holding the driven members against rotation by establishing a positive driving connection between the respective driven member and the shuttle, whereby to reciprocate the latter; and means for gradually absorbing the starting load at each reversal of the shuttle, by substantially arresting rotation of the idle driven member before said holding means is rendered active.

2,123,185
APPARATUS FOR MIXING FLUIDS
Jefferson B. Elliot and Fritz Klaeden, San Antonio, Tex.
Application May 18, 1935, Serial No. 22,179
3 Claims. (Cl. 210—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

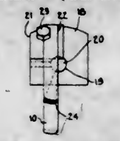


1. A valve for the introduction of a fluid into a stream of a second fluid under pressure adapted to flow through said valve, comprising a substantial hollow body portion having an inlet and outlet provided thereon, a centrally located member provided in said body portion, said member having ends forming a passageway with the inner surface of said body portion for said second fluid, one of the ends of said member being substantially conical-shaped and another thereof being substantially in the shape of a frustum, the said conical-shaped end of said member terminating adjacent to the inlet side of said body portion and the said frustum-shaped end of said member terminating closely adjacent to the outlet side of said body portion, a central bore provided in said body portion and extending into said member, a bushing provided in said bore, passageways for said first mentioned fluid provided in said body portion and member, one of said last mentioned passageways leading from the outer surface of said body portion to said central bore and another of said passageways leading from said bore to the outer end of said frustum-shaped end of said member, a valve opening provided in said bushing and a needle valve between said last mentioned passageways threadably connected to said bushing and adapted to control said valve opening.

2,123,186
THIOCYANO-FATTY ACID ESTERS
Albert K. Epstein and Benjamin R. Harris, Chicago, Ill.
No Drawing. Application July 22, 1936, Serial No. 91,910
23 Claims. (Cl. 260—99.10)

20. Esters of lower fatty acids and aliphatic alcohols containing at least twelve carbon atoms, said esters containing a thiocyanate group in the alkyl portion of the acyl group of the ester molecule.

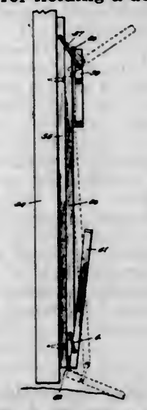
2,123,187
PEELING KNIFE
Mark Ewald, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg., a corporation of Oregon
Application October 26, 1934, Serial No. 750,151
Renewed September 20, 1937
2 Claims. (Cl. 146—43)



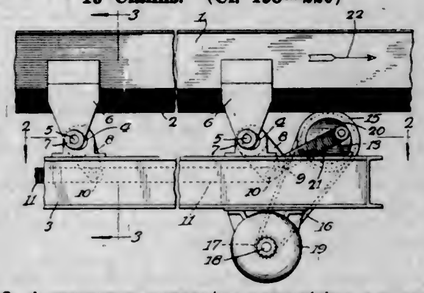
2. A peeling blade for peeling half fruit, and having an axis of rotation about which it is turned, said blade comprising a relatively narrow blank strip of metal curved to conform to the curvature of the fruit to be peeled, the inner face of the strip transversely of the length of the strip being concentric to the axis of rotation of the blade, a portion of the outer face of the blade being disposed to form a relatively blunt angle with the inner face of the blade to provide a cutting edge substantially at the inner face of the blade and coinciding substantially with the axis of rotation of the blade.

2,123,188
DOOR STOP
Burt M. Hurlbut, Pueblo, Colo., assignor to San Isabel Novelty Works Company, Pueblo, Colo., a corporation of Colorado
Application February 12, 1935, Serial No. 6,204
3 Claims. (Cl. 292—196)

3. In a door stop, a body, an actuating member associated therewith and adapted to swing away from said body, a handle swingingly connected with the actuating member, means swingingly connecting the handle actuating member with the body, a stop bar swingingly connected with the body, and means swingingly connecting the stop bar with the actuating member, said handle being movable for shifting one end of the actuating member and swinging the stop bar into locking position for holding a door against movement, said handle and stop bar being shiftable toward and away from each other in stop bar retracting and engaging directions respectively whereby space will be conserved.



2,123,189
CONVEYER
Richard S. Jacobsen, Wheaton, Ill.
Application March 12, 1934, Serial No. 715,172
Renewed December 7, 1936
15 Claims. (Cl. 198—220)



3. A conveyer apparatus comprising an oscillating trough mounted on supports comprising in effect crank arms so constructed that the trough supporting end of each of the arms moves through more than one-half of the upper rear quarter of a circle, between right angle lines intersecting the axis of the arms, one line parallel with the trough and the other line at right angles to it, and thus has an arcuate path practically equally divided by a radial line midway between said other lines.

2,123,190
INSECTICIDE AND METHOD OF MAKING SAME
John F. Les Veaux, Middleport, N. Y., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y., a corporation
No Drawing. Application April 3, 1935, Serial No. 14,529
13 Claims. (Cl. 167—15)

1. The method of treating calcium arsenate containing excess lime to reduce its injurious effect when applied to living plants, which comprises heating the said calcium arsenate while in

a substantially dry granular state or condition to a temperature between about 1100 degrees Fahrenheit and 2200 degrees Fahrenheit until the said injurious effect on living plant organisms is substantially reduced.

13. An arsenate of a bi-valent non-toxic metal characterized by a degree of resistance toward the decomposing action of carbon dioxide solution or carbonic acid such that a representative sample of the said arsenate weighing about 1.5 grams, when brought into intimate contact with about ¼ gram of carbon dioxide dissolved in about 750 c. c. of water at a temperature of about 65° F. for about 30 minutes with stirring, reacts with the carbon dioxide and water to form an amount of soluble arsenic, expressed as metallic arsenic, not more than about 2 percent of the weight of the sample, the said arsenate of a bi-valent non-toxic metal being selected from the group consisting of an arsenate of calcium and an arsenate of magnesium.

2,123,191

INSECTICIDE AND METHOD OF MAKING SAME

John F. Les Veaux, Middleport, N. Y., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y., a corporation

No Drawing. Application June 4, 1936, Serial No. 83,555

5 Claims. (Cl. 167—15)

3. The method of reducing the injurious effect of a calcium arsenate containing uncombined or excess lime on living plant organisms which comprises preparing the said calcium arsenate in a substantially dry granular state or condition and heating the said granular material to a temperature between about 1100° F. and 2200° F. until a representative sample of the product thus obtained, weighing about 1.5 grams in a state of subdivision such that, after suspending in water, 70% to 90% passes through a 300 mesh wetted screen when gently washed, when brought into intimate contact with carbon dioxide, in an amount substantially equivalent to the uncombined or excess lime, dissolved in about 750 cc. of water at a temperature of about 65° F. for about 30 minutes with stirring reacts with the carbon dioxide and water to form an amount of soluble arsenic, expressed as metallic arsenic, not more than about 2% of the weight of the sample, and discontinuing the heating when a second sample weighing about 1.5 grams when brought into contact with about 2 grams of carbon dioxide dissolved in 750 cc. of water at a temperature of about 65° F. for about 30 minutes, with stirring reacts with the carbon dioxide solution to form an amount of soluble arsenic, expressed as metallic arsenic, which is not less than about ½ percent of the weight of the sample.

2,123,192

METHOD OF MAKING INSECTICIDE

John F. Les Veaux, Middleport, N. Y., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y., a corporation

No Drawing. Application June 4, 1936, Serial No. 83,556

9 Claims. (Cl. 23—53)

1. In the method of making insecticidal calcium arsenate for controlling the normally occuring insect pests on relatively tender growing plants, the steps which comprise heating pulverized calcium arsenite in an atmosphere containing gaseous oxygen to a temperature sufficient to bring about the exothermal chemical reaction of the oxygen with the calcium arsenite to form calcium arsenate, maintaining the particles of the calcium arsenite during and after said reaction in intimate contact with a surrounding oxidizing atmosphere at a temperature between about 1100° F. and about 2200° F. by removal of a portion of the exothermal heat produced by said interaction until the resistance of the particles of the calcium arsenate thus formed toward the decomposing action of carbon dioxide solution or carbonic acid is such that a representative sample of the product thus obtained, weighing about 1½ grams, when brought into intimate contact with about ¼ gram of carbon dioxide dissolved in about 750 cc. of water at a temperature of about 65° F. for about 30 minutes with stirring reacts with the carbon dioxide and water to form an amount of soluble arsenic, expressed as metallic arsenic, not more than about 2% of the weight of the sample, and said resistance to the decomposing action of the carbon dioxide solution is such that a second representative sample weighing about 1.5 grams, when brought into intimate contact with about 2 grams of carbon dioxide dissolved in about 750 cc. of water at a temperature of about 65° F. for about 30 minutes with stirring reacts with the carbon dioxide and water to form an amount of soluble arsenic, expressed as metallic arsenic, not less than about ½% of the weight of the sample.

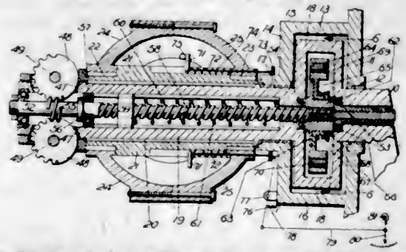
2,123,193

AUTOMATIC VARIABLE PITCH PROPELLER

Daniel G. Lilley, Denver, Colo.

Application July 29, 1935, Serial No. 33,736

27 Claims. (Cl. 170—162)



1. In an automatic pitch varying mechanism for propellers, comprising in combination, a drive shaft, a hub non-rotatably carried thereby, a propeller blade carried by the hub and mounted for limited rotation about its axis, an auxiliary shaft in axial alinement with the drive shaft, means comprising an inertia member carried by the auxiliary shaft and mounted for concentric rotation therewith, for producing relative rotation between the two shafts when the drive shaft is accelerated above a predetermined rate, means operated by the relative rotation of the two shafts for decreasing the pitch of the propeller blade when the drive shaft accelerates and for increasing the pitch when it decelerates, stops for limiting the extent of relative rotation of the auxiliary and drive shaft in either direction, and a friction clutch interposed in the motion transmitting mechanism between the inertia member and the blade.

2,123,194

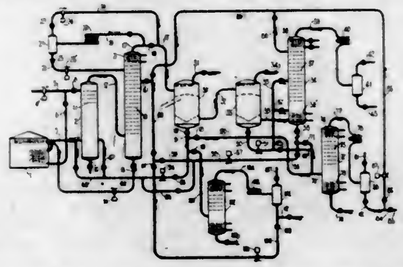
TREATMENT OF HYDROCARBON OIL

Malvin R. Mandelbaum, New York, N. Y., assignor to The Gray Processes Corporation, Newark, N. J., a corporation of Delaware

Application March 1, 1934, Serial No. 713,437

11 Claims. (Cl. 196—48)

5. The process of refining gasoline which comprises subjecting the gasoline while essentially in the vapor phase to contact with solid adsorbent catalytic material in a treating stage, said material being effective to selectively promote polymerization of unstable unsaturated constituents undesired in the final product to higher boiling products, removing polymer-containing oils from the treating stage, subjecting said polymer-containing oils to distillation in a separate zone removed from the flow of vapors undergoing treat-



ment to separate them into constituents lying within a gasoline or naphtha boiling range and higher-boiling polymer products, withdrawing said polymer product from the process, removing refined vapors from the treating stage, and returning the separated constituents lying within a gasoline or naphtha boiling range to the vapors being treated prior to the contacting thereof with said catalytic material.

2,123,195

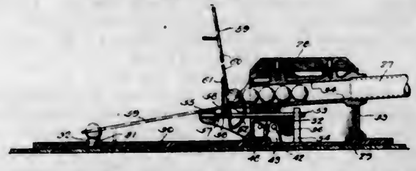
GAME APPARATUS

William V. Middleton, Trenton, N. J.

Application November 7, 1932, Serial No. 641,677

Renewed August 13, 1936

6 Claims. (Cl. 273—33)



1. In combination, a stationary tee arranged to support balls in driving position thereon, a ball reservoir having an outlet spaced laterally from said tee, means for conducting balls from the reservoir to the tee, said means normally residing adjacent and obstructing the reservoir outlet to retain the balls therein, means for actuating said ball conducting means at periodic intervals to conduct the balls in the reservoir, one at a time, to driving position on the tee, and means operable at will to predeterminedly change the time interval of the periodic operation of the ball conducting means.

2,123,196

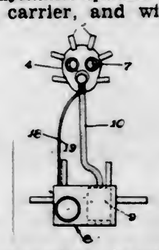
GAS MASK EQUIPMENT

Frederick C. Millard, Mount Lebanon, Pa., assignor, by mesne assignments, to Acme Protection Equipment Company, a corporation of Pennsylvania

Application November 23, 1936, Serial No. 112,254

3 Claims. (Cl. 128—141)

3. In combination with a gas mask, a canister, a carrier therefor and an inlet connection for air leading through the canister, a telephone transmitter with its diaphragm seated in the wall of the mask, a dynamic speaker and battery supported by the carrier, and wiring connections



between the transmitter battery and dynamic speaker.

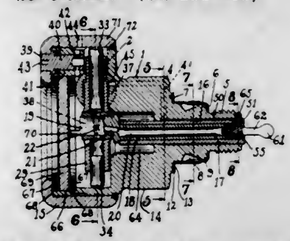
2,123,197

LUBRICATOR

Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application December 18, 1934, Serial No. 758,076

25 Claims. (Cl. 184—55)



19. In a lubricator adapted for connection to a pressure fluid supply line, a lubricator casing, a motor driven pump in said casing and having lubricant intake and discharge passage means, a pressure fluid actuated motor in said casing for driving said pump, passage means in said casing for supplying pressure fluid from the supply line to said motor, and valve means regulated automatically by the flow of pressure fluid through the supply line for controlling the flow of pressure fluid in said pressure fluid supply passage means, said valve having an actuating portion projecting within the supply line and upon which the flowing pressure fluid in the supply line acts.

2,123,198

TREATMENT OF ANTITOXINS AND THE LIKE

Ivan A. Parfentjev, Nyack, N. Y., assignor to Lederle Laboratories, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application October 23, 1936, Serial No. 107,227

9 Claims. (Cl. 167—78)

1. In a method of purifying antitoxin contained in a solution of serum proteins by selectively digesting the greater portion of the serum proteins with a proteolytic enzyme and without substantial destruction of the antitoxin, the step which comprises treating the solution after the digestion operation with finely divided tricalcium phosphate to absorb undesirable materials in said solution.

2,123,199

STRETCHING AND FITTING DEVICE

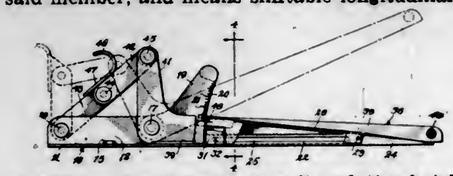
Joseph Petty, Port Chester, N. Y.

Application October 27, 1936, Serial No. 107,753

11 Claims. (Cl. 223—61)

1. A stretching and fitting device comprising a relatively thin elongated member, a clamping de-

vice for clamping the article to be stretched over said member, and means shiftable longitudinally



of said member for adjusting its relative height with respect to the clamping device.

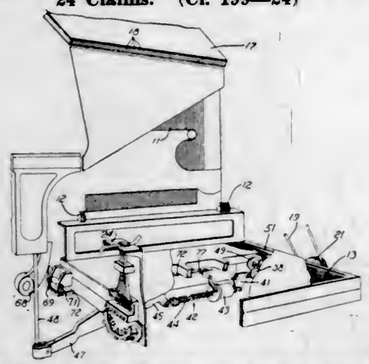
2,123,200

LINE CASTING AND COMPOSING MACHINE

Louis M. Potts, Evanston, Ill., assignor, by mesne assignments, to Teletypesetter Corporation, a corporation of Delaware

Original application January 2, 1932, Serial No. 584,387, now Patent No. 2,057,652, dated October 13, 1936. Divided and this application May 5, 1934, Serial No. 724,025

24 Claims. (Cl. 199—24)



1. A linecasting machine including a composing mechanism having a magazine affording a plurality of channels each adapted to contain a number of matrices having different character intaglios individual thereto, each character class appurtenant to an individual one of said channels with certain character classes appurtenant to two channels located indiscriminately in said magazine, an automatic control mechanism including means for individually releasing matrices from their channels, and means operative for releasing the same character matrices from alternate channels during successive cycles of operation.

2,123,201

PYROTECHNIC COMPOSITIONS

Charles H. Pritham, Philadelphia, Pa.

No Drawing. Application July 22, 1937, Serial No. 155,023

6 Claims. (Cl. 52—23)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

6. A pyrotechnic composition containing a metallic fuel and an insoluble soap.

2,123,202

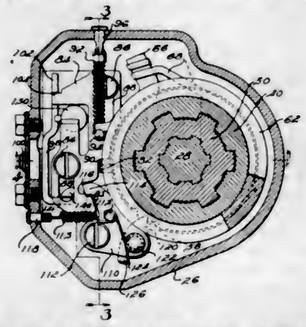
SPRAG CLUTCH

Carl F. Rauen, Grosse Pointe, Mich.

Application February 6, 1935, Serial No. 5,186

44 Claims. (Cl. 192—4)

1. A motor vehicle having in combination a shaft rotatable in either direction, a plurality of driving means, each operable for rotating said shaft in either direction, a fixed member, a one-way clutch device having one element connected to said fixed member, another element adapted to rotate with said shaft in at least one direction, and a third element normally cooperable with said other elements for automatically preventing rotation of said shaft under the influence of one of said driving means in said one direction only, means operable incidental to controlling the ro-



tation of said shaft by the other of said driving means for rendering said third element inoperative, and a latch mechanism cooperable with said means to maintain said third element inoperative after said last named driving means have been rendered inoperative, said latch mechanism being adapted to be released by rotation of said shaft in the other direction by either of said driving means.

2,123,203

PROTEIN MINERAL COMPLEX AND PROCESS FOR MAKING SAME

Lloyd K. Riggs, Newark, N. J., and Forest H. Clickner, Chicago, Ill., assignors, by direct and mesne assignments, to Kraft-Phenix Cheese Corporation, a corporation of Delaware

No Drawing. Application January 29, 1936, Serial No. 61,318

15 Claims. (Cl. 99—57)

1. A method of preparing a nutritive mineral product from whey resulting from the acidic separation of casein, which method comprises coducing the protein content in the whey, adding to the whey in a heated condition the minimum quantity of an alkaline material necessary to precipitate a complex protein mineral material, and immediately separating and drying the precipitate, whereby a stable material is obtained substantially free from products of decomposition.

15. A substantially dry, stable, complex mineral alkaline precipitated milk product substantially white in color, odorless and free from decomposition products of unstable protein substances, comprising protein, calcium, and phosphorus; the protein being present in the amount of 14 to 18 per cent, the calcium in an amount identifiable as 29 to 33 per cent calcium oxide, and the phosphorus in an amount identifiable as 25 to 29 per cent phosphorus pentoxide.

2,123,204

BURNER

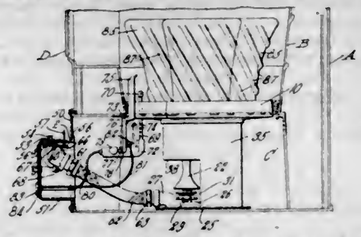
Millard J. Roberts, N. Tonawanda, N. Y.

Application November 17, 1933, Serial No. 698,510

9 Claims. (Cl. 158—104)

1. In a burner for installation in heaters constructed for use with solid fuel, the combination of a burner head and fuel supply means constructed to be arranged in the ash pit space of a heater, a metal plate for closing the opening

leading to the ash pit space, a box mounted in an opening in said plate and having an open side facing into said ash pit space, an air inlet opening in a wall of said box, a plate adjustably secured on said wall of said box to partly close said



air opening to regulate the admission of air to said burner, and a damper also movably mounted to extend across said opening and which is adjustable for opening or closing that part of said opening which remains uncovered by said plate.

2,123,205

HYDROCARBON OIL TREATMENT

Oscar L. Roberts, Drexel Hill, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application November 30, 1935, Serial No. 52,343

18 Claims. (Cl. 196—13)

1. In the art of refining mineral oils, the process which comprises separating an oil containing paraffinic and naphthenic hydrocarbons into fractions respectively richer in paraffinic and naphthenic compounds by extracting said oil with a nitrogen-containing derivative of thiophene.

2,123,206

SYNTHETIC RESINS AND COMPOSITIONS CONTAINING THEM

Paul Robinson, Lansdowne, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 13, 1929, Serial No. 370,727

9 Claims. (Cl. 260—8)

1. The process of preparing synthetic resins which comprises the alcoholysis of oils of the drying or semi-drying type with a polyhydric alcohol in the presence of an inorganic basic catalytic material, and the esterification of the resulting product with a polybasic carboxylic acid.

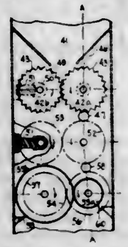
2,123,207

COFFEE AND THE TREATMENT THEREOF

Henry Rosenthal, New York, N. Y.

Application August 4, 1934, Serial No. 738,404

5 Claims. (Cl. 99—65)



1. The method of preparing coffee which comprises first crimping and rolling the raw coffee beans whereby the beans are reduced to thin, shredded, easily extractible flakes, then subjecting said flakes to a hydrocarbon solvent, gaseous at normal temperatures and pressure, maintaining said solvent in the liquid phase while in contact with said flakes, withdrawing the solution, and applying heat to the flakes, whereby there is produced a substantially solvent free coffee flake from which the fatty oil content has been largely removed.

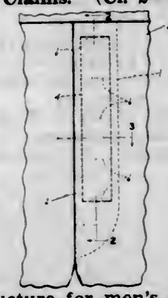
2,123,208

FLY STRUCTURE FOR OVERALLS, TROUSERS, AND THE LIKE

Samuel Rosenthal, Cleveland, Ohio

Application February 1, 1935, Serial No. 4,541

8 Claims. (Cl. 2—234)



1. A fly structure for men's overalls, trousers and the like, said structure comprising a pair of inner and outer fly portions, and a flat elastic strip longitudinally arranged therebetween and permanently secured thereto for releasably maintaining said fly portions in closed relationship, said strip being entirely concealed by the outer fly portion when the outer and inner fly portions are in closed relationship.

2,123,209

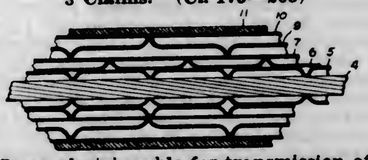
ELECTRIC CABLE

Helge Rost, Stocksund, Sweden

Application September 2, 1937, Serial No. 162,090

In Sweden July 26, 1932

3 Claims. (Cl. 173—265)



1. In an electric cable for transmission of high frequency currents in communication systems, an insulating sleeve and an electric conductor disposed within said sleeve, the latter consisting of a pure, homogeneous, substantially completely polymerized product of an aliphatic, vinyl ester of a saturated acid, said sleeve being sufficiently thin so as to possess inherent flexibility and being free from extraneously added plasticizers.

2,123,210

PROJECTOMETER

Curtiss W. Schantz, United States Navy

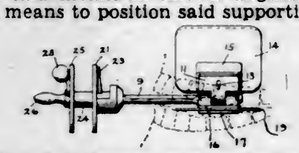
Application October 21, 1935, Serial No. 45,860

8 Claims. (Cl. 250—34)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

5. A device of the kind described, comprising a body portion having an end adapted to be in-

serted into the mouth of a person, means to support a film rotatably mounted on said end, a biting pad engageable by the teeth of such person fixed to said means in known angular relation thereto, means to position said supporting means



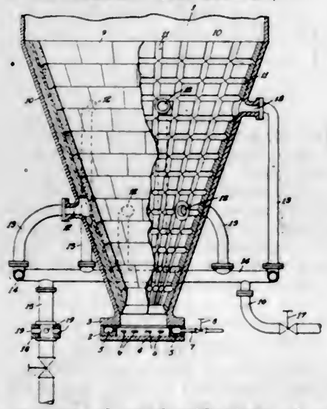
and said pad in known relation to the occlusal plane of the teeth of such person, and means to indicate the position of said supporting means with respect to the horizontal when the teeth of such person are closed against said pad and said positioning means.

2,123,211

PROCESS OF SACCHARIFICATION OF CELLULOSE

Heinrich Scholler, Solln, near Munich, Germany

Application August 25, 1934, Serial No. 741,374
In Germany September 27, 1933
24 Claims. (Cl. 127—37)



24. A process of saccharification of cellulose comprising heating cellulose under pressure in a percolator, intermittently supplying to the percolator at predetermined intervals batches of dilute acid of different concentrations to flow through said cellulose, the acid concentration of the successive batches being increased and the quantity of each successive batch of acid being decreased approximately in correspondence with the shrinkage of the cellulose, the temperature of said acid batches being lower than that of the cellulose, increasing the temperature of the cellulose in the lower portion of the percolator at least before introducing a batch of acid, inhibiting the flow of the acid batches through the cellulose until the whole thereof has been introduced, and thereafter supplying steam of a temperature higher than the temperature of the cellulose to cause the acid to flow through the cellulose.

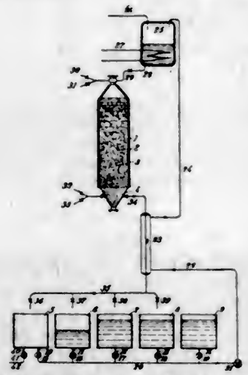
2,123,212

PROCESS OF EXTRACTION

Heinrich Scholler, Solln, near Munich, Germany

Application September 24, 1934, Serial No. 745,376
In Germany September 28, 1933
12 Claims. (Cl. 87—28)

1. A process for the extraction of vegetable material comprising intermittently and rapidly flowing individual batches of an extraction medium through vegetable material in an extractor, each successive batch of extraction medium being smaller than that corresponding to the volume of the vegetable material being treated and the temperature thereof being lower than that of the vegetable material, withdrawing the medium containing the extractives substantially immediately after the percolation of the vegetable material, and leaving the vegetable material after each batch of extraction medium has flowed therethrough in a moist state surrounded by gases and vapors.



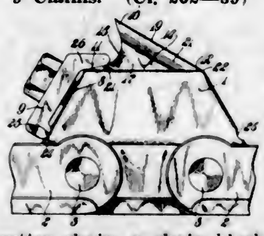
3. A process for the extraction of vegetable material comprising intermittently and rapidly flowing individual batches of an extraction medium through vegetable material in an extractor, the pressure at the top of the extractor being less than the pressure at the lower part of the extractor and the temperature of the extraction medium being lower than that of the vegetable material, causing the extraction medium to flow through said vegetable material, withdrawing the medium containing the extractives, leaving the vegetable material after each batch of extraction medium has flowed therethrough in a moist state surrounded by gases and vapors, and successively increasing both of said pressures proportionately within the extractor prior to the introduction of the next batch into the extractor.

2,123,213

CUTTER CHAIN

Leon E. Simmons, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application December 22, 1936, Serial No. 117,188
9 Claims. (Cl. 262—39)



1. In a cutter chain, a chain block having a socket, a double-ended cutter bit having pairs of cutting faces terminating in cutting points, with two cutting points at each of the opposite ends of the bit, said bit receivable in said socket, the faces of the rearward inactive cutting points of the bit engaging surfaces on the chain block and

the forward portion of the inner edge of the bit body engaging the inner surface of said socket, and means carried by the block and engaging the bit for securing the bit in cutting position within said socket.

2,123,214

STABILIZED SOLUBLE STANNITE DEPILATORY

William B. Steddard and Julius Berlin, New York, N. Y.

No Drawing. Application November 2, 1935, Serial No. 47,973
4 Claims. (Cl. 167—89)

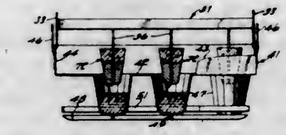
1. A soluble stannite depilatory solution having a pH value of less than 12.6 and containing alkali silicates as stabilizers.

2,123,215

METHOD OF MOLDING MULTIFLAVORED FROZEN CONFECTIONS

Norman M. Thomas, Brooklyn, N. Y., assignor to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware

Application April 17, 1935, Serial No. 16,810
2 Claims. (Cl. 107—54)



1. The method of forming, refrigerating and harvesting a multi-flavored unit serving, which comprises the steps of partially filling a mold with a substance to be frozen, filling the remainder of the mold with another kind of substance, positioning a peg within the mold and into the substances to be frozen, subjecting the mold and contents to refrigeration until frozen into an integral mass and the substances bonded to said peg, removing the contents of the mold by means of said peg, positioning the same within a second mold containing a substance to be frozen, subjecting the second mold and contents to refrigeration until the latter is frozen into a unitary serving, and then removing said serving from the second mold by means of said peg.

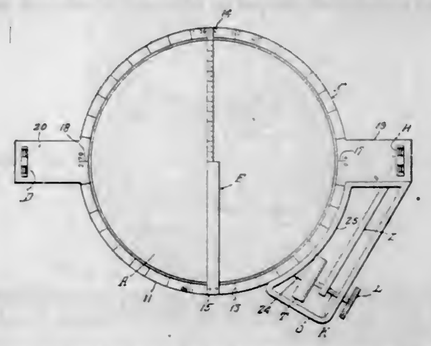
2,123,216

MEASURING AND SURVEYING DEVICE

Dillwyn L. Thomas, Butte, Mont.

Application June 11, 1937, Serial No. 147,753
2 Claims. (Cl. 33—66)

1. A surveying instrument of the character described, said instrument comprising a support adapted for mounting on a tripod or the like, a drafting board mounted on said support, a rotary telescope bracket rotatably mounted on said support, said bracket including a circular calibrated rim surrounding said drafting board, a calibrated ruler extending between opposite sides of said rim and fastened thereto to overlie the drafting board, a stationary telescope on one side of said bracket, a rotatably adjustable telescope on the opposite side of said bracket, said telescopes having their vertical axes lying in a vertical plane passing through a diameter of said circular rim and the line of sight of the stationary telescope at right angles thereto, and means operatively connected with said adjustable telescope for selectively rotating the same to a position in



which its line of sight is at an acute angle to that of the stationary telescope.

2,123,217

PROCESS FOR THE PRODUCTION OF HORMONES

Everett S. Wallis and Willis A. Yarnall, Princeton, N. J., assignors to Merck & Co. Inc., Rahway, N. J., a corporation of New Jersey

No Drawing. Application July 15, 1937, Serial No. 153,866
7 Claims. (Cl. 260—131)

1. In a process for the production of substances having the properties of Δ^5-pregnenolone, and Δ^5-isopregnenolone, the step which comprises condensing dehydroandrosterone with ethyl-α-chloropropionate, in the presence of an alkali metal alcoholate.

2,123,218

METHOD OF MAKING THERAPEUTIC COMPOUNDS

Ossip B. Wanshenk, New York, N. Y., assignor, by mesne assignments, to Kraft-Phenix Cheese Corporation, Chicago, Ill., a corporation of Delaware

No Drawing. Application September 29, 1933, Serial No. 691,502
4 Claims. (Cl. 99—57)

3. The method of recovering a stable nutritive mineral product from whey which comprises adding an alkaline material to the whey to precipitate a complex protein mineral substance, separating the precipitate from the solution, redissolving the precipitate in an acid solution, reprecipitating said complex protein mineral substance by the addition of an alkaline material to said acid solution, substantially immediately thereafter separating the precipitate from the solution, whereby a substance is obtained substantially free from products of decomposition.

2,123,219

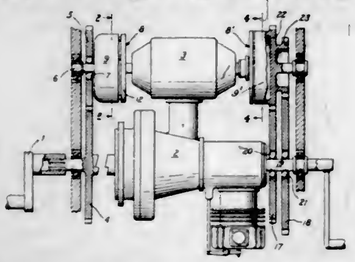
DRIVING MECHANISM

Charles Raymond Waseige, Rueil-Malmaison, France, assignor to Societe Anonyme Air Equipment, Billancourt, Seine, France, a society of France

Application March 18, 1936, Serial No. 69,558
In France March 29, 1935
4 Claims. (Cl. 60—97)

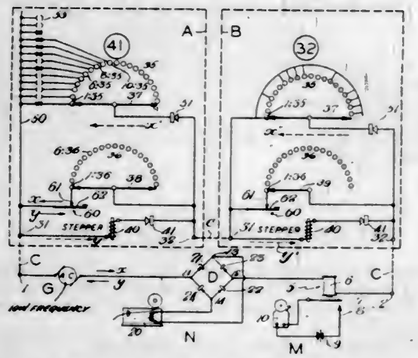
1. The combination with a pair of internal combustion engines, of a work performing unit associated therewith, separate driving means in-

terposed between each of said engines and said work performing unit, and means responsive to the transfer of torque to said unit by way of one



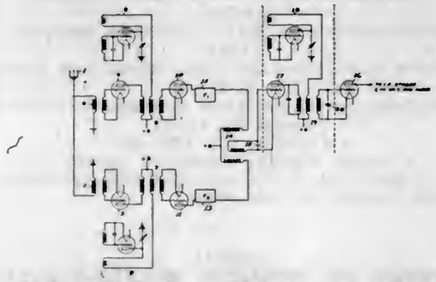
of said separate driving means to cause the other of said separate driving means to remain in non-driving condition.

2,123,220
ALTERNATING CURRENT SIGNALING SYSTEM
Foster E. Weld, Newton, Mass., assignor to The Gamewell Company, Newton Upper Falls, Mass., a corporation of Massachusetts
Application November 6, 1933, Serial No. 696,742
4 Claims. (Cl. 177—360)



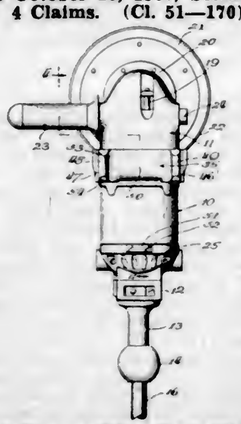
1. In a signaling system of the character described, in combination a signal circuit, serially including an alternating current source, signal transmitting means, and signal manifesting means responsive to omission of any half waves from said alternating current source, said transmitting means comprising a selector switch with a series of selector contacts, a maintenance contact, a wiper for said contact series, a second wiper for said maintenance contact and an actuator having a stepping magnet operable by alternating half waves from said source for advancing said wipers one step in response to each such half wave flowing therethrough, an actuating current path serially including said magnet in said signal circuit and means for substantially excluding from said actuating current path current flow in one direction, a maintenance current path including in series a key switch, said maintenance contact and said maintenance contact wiper, and a transmitting current path including in series certain predetermined and interconnected selector contacts, said selector contact wiper and means for substantially excluding current flow in the other direction, said maintenance and transmitting current paths being connected in parallel with said actuating current path.

2,123,221
RADIO CIRCUIT FOR CHANNEL RECEPTION
Robert H. Worrall, Washington, D. C.
Application May 11, 1936, Serial No. 79,038
29 Claims. (Cl. 250—20)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



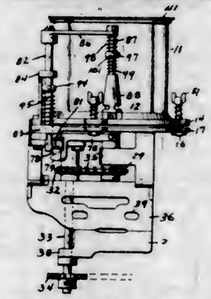
1. A method of amplifying a received radio frequency current of unstable frequency which comprises dividing it into two substantially equal parts, beating one of said parts with a first substantially constant frequency to produce a first beat frequency corresponding to the difference in frequency between the received current and said first substantially constant frequency, simultaneously beating the other of said parts with a second substantially constant frequency, differing from the said first substantially constant frequency by a predetermined amount, to produce a second beat frequency corresponding to the difference in frequency between the received current and said second substantially constant frequency, combining these said first and second beat frequencies to produce a signal current having a frequency corresponding to the difference between the said first and second substantially constant frequencies and equal to the sum of the said first and second beat frequencies, then amplifying and detaching this last said signal current.

2,123,222
SANDING MACHINE
Frans O. Albertson, Sioux City, Iowa, assignor to Albertson & Company, Inc., Sioux City, Iowa, a corporation of Iowa
Application October 13, 1937, Serial No. 168,702
4 Claims. (Cl. 51—170)



1. In a sanding machine, the combination of an electric motor with a gear housing and suitable gearing for driving a drive spindle at a predetermined speed, said drive spindle having a sanding disc, and said motor having ventilation conduits extending through it, with a guard member carried by said motor for deflecting the discharged air from the direction of the operator of the sander, said guard member being provided with a pair of skids whereby the sander may be drawn about upon a stable supporting surface of said skids without damage to the sanding disc or motor.

2,123,223
DISPENSING DEVICE
Harry D. Ayars, Philadelphia, Pa.
Application October 4, 1937, Serial No. 167,224
20 Claims. (Cl. 221—102)



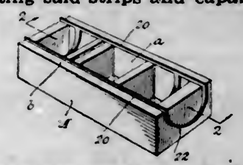
1. A dispensing device comprising a hopper for material to be dispensed, a drive shaft, a central shaft driven by said drive shaft, a discharge port, disk means in said hopper provided with cups for measuring said material, a plunger for forcing the material from the cup registering with said discharge port, a bell crank pivotally mounted on said central shaft, means for rocking said bell crank, means operated by one arm of said bell crank to intermittently rotate said disk to progressively register the measuring cups with said discharge port, and means operated by the other arm of said bell crank to operate said plunger.

2,123,224
PROCESS FOR THE PRODUCTION OF SULPHUR
Hans Baehr and Walter Gross, Leuna, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application October 16, 1935, Serial No. 45,314. In Germany October 20, 1934
6 Claims. (Cl. 23—225)

1. A process for the production of sulphur comprising spraying sulphuric acid into an evaporation chamber internally heated by the combustion of hydrogen sulphide with air, adding hydrogen sulphide to the gas mixture coming from the evaporation chamber, leading the resulting mixture over a bauxite catalyst at about 300° C., cooling the reaction mixture leaving the catalyst down to about 200° C., completing the reaction by means of a second bauxite catalyst at about 200° C., and separating the sulphur by cooling the reaction mixture to a temperature somewhat above the melting point of sulphur.

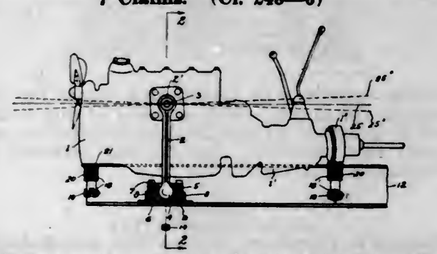
2,123,225
BUILDING DEVICE
Vern A. Barnhart, Jester Lake, Milton, N. J.
Application February 17, 1937, Serial No. 126,118
9 Claims. (Cl. 72—128)

2. A building device of the kind described comprising spaced, parallel strips of absorbent material, and normally straight transverse members connecting said strips and capable of being



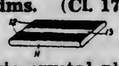
flexed for insertion into a hollow building unit to fix said strips in operative position thereon.

2,123,226
MOTOR SUSPENSION
Elck K. Benedek, Bucyrus, Ohio
Application November 22, 1935, Serial No. 51,130
7 Claims. (Cl. 248—6)



1. In a motor vehicle, a chassis, a driving motor having a pair of aligned suspension bearing means, a yoke having arms connected to said suspension bearing means and partially encircling the motor, said arms terminating in a ball, a cross beam member on the chassis, a bearing member carried thereby and forming with said ball a universal ball and socket connection for supporting said motor for universal rocking movement on the chassis, and resilient means operatively interposed between the chassis and motor for yieldably limiting transverse rocking of the motor, an additional resilient means operatively interposed between the motor and chassis for limiting the fore and aft rocking of the motor relative to the chassis.

2,123,227
PIEZOELECTRIC DEVICE
Carl A. Bieling, Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 26, 1935, Serial No. 28,414
5 Claims. (Cl. 171—327)

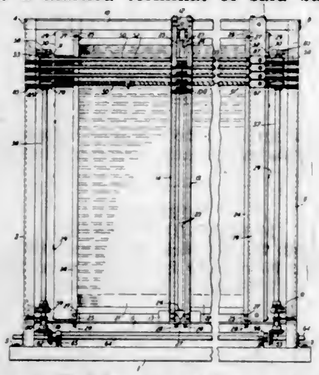


1. A piezoelectric crystal plate having metallic coating formed integral therewith and having a rounded edge between a major and another surface thereof to prevent fracturing said coating, the coating on said major surface comprising an electrode for said plate.

2,123,228
SELECTOR SWITCH
Warren W. Carpenter, Garden City, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 31, 1937, Serial No. 133,969
18 Claims. (Cl. 179—25)

1. In a telephone system, a selector switch having a bank of terminals and a brush set cooperating therewith, means for advancing said

brush set in a hunting movement over said bank of terminals, testing means for arresting the hunting movement of said brush set when it engages a marked terminal of said bank, and



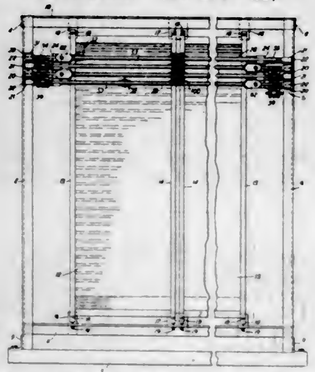
means controlled by said testing means for reversing the direction of movement of said brush set to return it to said marked terminal in the event said brush set overruns said terminal in its hunting movement.

2,123,229

SELECTOR SWITCH

Warren W. Carpenter, Garden City, and Rudolph F. Mallina, New York, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application March 31, 1937, Serial No. 133,970
18 Claims. (Cl. 179—25)



1. In a selector switch having a bank of terminals and a brush set cooperating therewith, a brush carriage upon which said brush set is mounted, a belt for traversing said brush carriage across said bank, means for driving said belt, and yielding means for attaching said brush carriage to said belt.

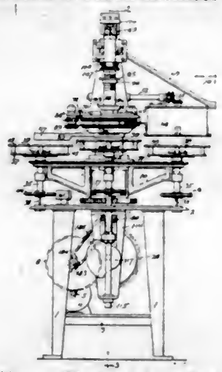
2,123,230

MACHINE FOR MAKING PIE RIMS

Arthur E. Clark, Freeport, and John F. Kohler, New York, N. Y.

Application September 9, 1935, Serial No. 39,802
13 Claims. (Cl. 107—1)

1. A pie rimming machine having holders to receive and hold pie plates thereon, having a sheet of dough on said pie plates, a mould member for engaging the top of the dough on said plate, a circular toothed member formed adjacent the outer edge of said mould to engage the dough on the rim of the plate, a second toothed member lying in a horizontal position and having teeth co-operating with the teeth of said first toothed member to rim the dough around the edge of the plate, said second toothed member having a cy-



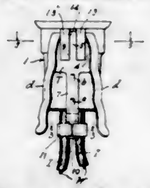
lindrical portion rolling against the outer edge of the plate to rim the dough, and means for moving said second mentioned toothed member laterally into and out of co-operative relation with said first toothed member substantially in the plane of the plate.

2,123,231

SUPPORT CLIP ATTACHMENT FOR MINIATURE ELECTRIC LAMPS

Elliott I. Clemence, Millburn, N. J.

Application March 5, 1937, Serial No. 129,152
3 Claims. (Cl. 240—10)



1. An electric lamp socket, comprising a husk of insulating material having wiring connected thereto, a pair of integral, spaced apart lugs on one side of said husk, a tree limb embracing clip having elongate, spaced apart and backwardly curved clip members, with a central, serrated toothed stem therebetween, said clip being seated between said lugs with the toothed stem in frictional engagement with the inside edges of said lugs, said clip having an extension coaxial with said toothed stem, the outer end of said extension being bent at an angle towards the axis of said husk, a ferrule seat located at the outer extremity of said extension and in parallel contact with said wiring externally of said husk and a wire clamping ferrule clamped about said wiring and said ferrule seat.

2,123,232

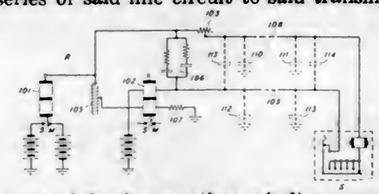
TELEGRAPH SIGNAL REPEATER

Walter W. Cramer, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application August 30, 1935, Serial No. 38,526
13 Claims. (Cl. 178—70)

6. A long two-wire line circuit, signal transmitting means including a source of signaling potential at one end of said line circuit, receiving equipment at the other end of said line circuit, a polar relay at said one end of the line circuit

having one winding connected over the two wires in series of said line circuit to said transmitting



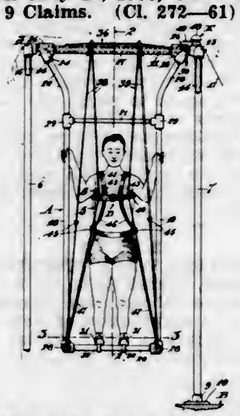
means and having another winding connected through a local circuit to said transmitting means.

2,123,233

SWING

Samuel M. Crawford, Hollywood, Calif.

Application May 11, 1936, Serial No. 79,068
9 Claims. (Cl. 272—61)



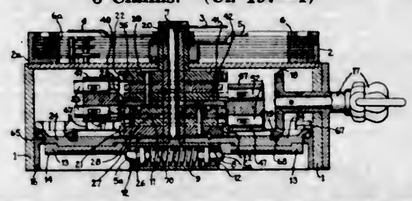
1. In a swing, a swing structure, a support therefor, a pair of cables carried by said swing structure extending lengthwise thereof, a safety belt, and means slidably connecting said belt to said cables, said cables being downwardly divergent relative to each other and sidewise of the swing structure so as to yieldably resist downward movement of said belt thereon.

2,123,234

WATCH TYPE CRYPTOGRAPH

Alexandre L. de Livi, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application December 28, 1934, Serial No. 759,495
8 Claims. (Cl. 197—4)



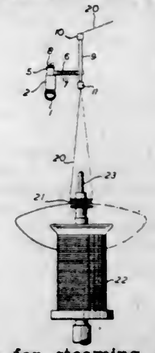
1. In a device of the character described, comprising a plurality of settable means, a character printing wheel associated with one of said settable means, a plurality of ratchet wheels associated with another of said settable means, a plurality of similar ratchet wheels associated with still another of said settable means, and means cooperating with certain of said plurality of ratchet wheels during the coding operation and during the decoding operation with the others of said plurality of ratchet wheels, to control the characters recorded by said printing wheel so as to vary from the characters selected by one of the said settable means, and the variations of the recorded characters are in accordance with the original setting of said plurality of settable means.

2,123,235

APPARATUS FOR THE MANUFACTURE OR TREATMENT OF TEXTILE MATERIALS

Henry Dreyfus, London, England

Application June 3, 1936, Serial No. 83,272
In Great Britain June 12, 1935
7 Claims. (Cl. 117—2)



1. Apparatus for steaming travelling textile filaments and threads, comprising a steam supply chamber, a hollow thread member for passage of the material to be steamed, a connecting member joining said steam chamber to said thread member, and means adapted to cool steam passing through said connecting member and to ensure in said thread member a supply of steam cooled to saturation.

2,123,236

CRYSTAL HOLDER

Irvin E. Fair, Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application April 22, 1936, Serial No. 75,727
21 Claims. (Cl. 171—327)



6. An electromechanical vibrator including a piezoelectric crystal, electrodes therefor, and means including a roller contacting a rollway on one of said electrodes for clamping said electrodes.

2,123,237

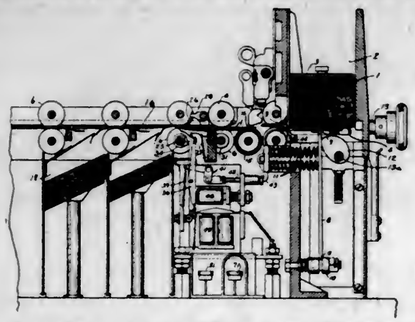
SORTING MACHINE

Eugene A. Ford, Scarsdale, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application August 17, 1935, Serial No. 36,643
8 Claims. (Cl. 209—110)

1. In a record sorting machine, a plurality of pockets, guide blades associated with the pockets for selectively guiding records thereto, means for feeding records through the blades to the pockets, means controlled by the records being fed for lowering the ends of some of the blades below the path of the records being fed, and

means for raising the ends of the blades not lowered while the lowered blades remain in low-



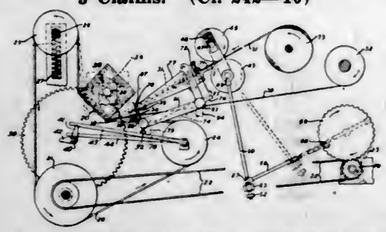
ered position, to provide a path between the blades for the records to enter.

2,123,238

APPARATUS FOR WINDING MATERIAL

Erwin E. Franz, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application February 9, 1935, Serial No. 5,743
3 Claims. (Cl. 242—10)



1. In an apparatus for winding strand material and sheet material upon an article, which apparatus comprises means to hold a supply of strand material, and means to hold a supply of sheet material, means to freely rotatably hold an article to be wound, a driven belt running against the article to rotate the same continuously to wind a plurality of layers of strand and of sheet material thereon and to seat the strand thereon in laterally snugly abutted coils, means to withdraw and cut off successive pieces of sheet material of predetermined length, means to increase the length of the successive pieces of sheet material to correspond to the increasing size of the wound article, and pneumatic means to blow the pieces of sheet material into position on the article to be caught and wound thereon by the combined action of the belt and the strand between successive layers of strand thereon without interference with the strand winding.

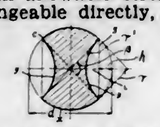
2,123,239

REINFORCING MEMBER FOR REINFORCED CONCRETE STRUCTURES

Henryk Griffel, Katowice, Poland

Application April 27, 1936, Serial No. 76,499
In Poland October 21, 1935
4 Claims. (Cl. 72—111)

1. A reinforcing member for reinforced concrete structures made of high value steel of high yield point having an approximate circular cross section with two opposite portions thereof of concave shape formed by removing two opposite lens-like segments of the same radius as that of the circular section, the periphery of the said cross section being at least equal to the periphery of said circle, whereby a reinforcing member adapted for high allowable stresses is produced which is exchangeable directly, that is without



any further calculation or alteration of plan, for the corresponding circular reinforcing member.

2,123,240

RECOVERY OF VALUABLE METALS OR METAL COMPOUNDS FROM COMPLEX ORES

Axel Hammarberg, Lidingo, Sweden

No Drawing. Application June 8, 1936, Serial No. 84,177. In Sweden June 8, 1935
9 Claims. (Cl. 75—21)

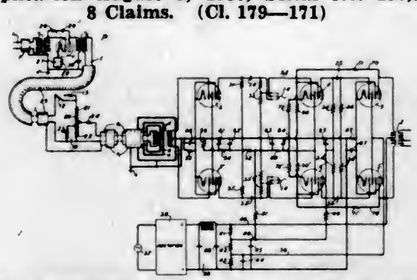
1. A method of treating complex ores, containing oxide of iron and oxide of another heavy metal, which comprises comminuting the ore, heating the comminuted ore under oxidizing conditions while controlling the degree of comminution, the heating temperature and the oxidizing conditions so as to cause the bond between the constituents of the ore to be destroyed, reducing the oxidized ore so as to cause iron oxide to be reduced, at least in part, to metallic iron, while leaving the oxide of the other heavy metal substantially unchanged, and separating the iron thus reduced.

2,123,241

ELECTRIC WAVE AMPLIFIER

John B. Harley, Forest Hills, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application August 5, 1937, Serial No. 157,511
8 Claims. (Cl. 179—171)



6. In obtaining a negative grid biasing potential for a tube of a multistage amplifier having a negative feedback circuit from the amplifier output circuit to the amplifier input circuit including a resistance in the grid-cathode circuit of the tube, the method which comprises transmitting a direct current through the feedback circuit from the amplifier output circuit in a given direction through the resistance, and transmitting in the same direction through the resistance a direct current exclusive of the space current of the tube.

2,123,242

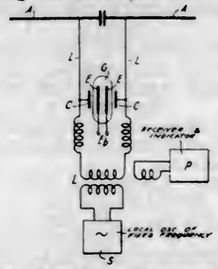
ULTRASHORT WAVE RECEIVER

Hans Erich Hollmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application January 12, 1937, Serial No. 120,246
In Germany December 20, 1935
2 Claims. (Cl. 250—27)

1. A circuit for receiving and detecting ultrahigh frequency electrical waves, comprising a body of gas and means for causing ionization therein, an oscillatory circuit having capacity

which includes at least a portion of said gas as its dielectric, means for exciting said circuit at a frequency near its natural frequency, means for impressing on said gas an ultra-high fre-



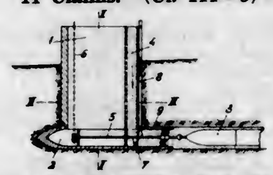
quency electric field whereby to affect an electrical property of said gas and thereby the impedance of said circuit, and means to indicate the variation in impedance of said circuit and thereby to indicate said high frequency field.

2,123,243

APPARATUS FOR MANUFACTURING DRAIN PIPES IN THE EARTH

Heinz Janert, Leipzig, Germany

Application July 24, 1936, Serial No. 92,316
In Germany March 29, 1935
11 Claims. (Cl. 111—5)



10. In an apparatus of the character described, a soil-separating mole body adapted to be driven through the soil so as to form a subterranean bore, a chamber carried by said mole body and extending rearwardly therefrom, means for separately introducing solid and liquid ingredients of concrete into said chamber, mixing mechanism in said chamber, and means for propelling the mixed concrete rearwardly out of said chamber.

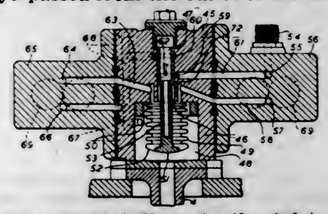
2,123,244

CONTROL DEVICE

Edward Kinsella, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware

Application September 24, 1935, Serial No. 41,893
In Great Britain October 3, 1934
1 Claim. (Cl. 103—11)

Device for use in combination with a measuring pump and an auxiliary pump adapted to deliver at a higher rate than said measuring pump, for maintaining the rate of delivery of a liquid by said measuring pump substantially constant, said device comprising a chamber, a bellows which comprises a cylinder of sheet metal closed at one end and having deep circumferential corrugations, said bellows being mounted in said chamber with its open end in liquid tight engagement with a wall thereof and in such a way that a pressure change between the interior of said bellows and the surrounding space causes axial movement of said end, a valve casing having a bore co-axial with said bellows and opening into that part of the chamber enclosed by said bellows, outlet and relief passages in said casing and opening into said bore at different levels, the relief passage above the outlet passage, said outlet passage being adapted to be connected to the inlet of the auxiliary pump, said relief passage communicating with the space surrounding the bellows, means for connecting the outlet of the measuring pump to said space, outlet means for said space, means for connecting the interior of the bellows with the outlet of the auxiliary pump and the inlet of the measuring pump, a valve piston connected to the closed end of the cylinder and sliding in said bore, said piston having a reduced portion, an internal passage communicating with the interior of the bellows and open at the end remote from the bellows, and a peripheral port adapted in normal working to connect said internal passage with the outlet passage in the valve casing and to throttle the flow into said outlet passage, the arrangement being such that: so long as the piston is not moved beyond a predetermined range it keeps said relief passage closed and said port varies the amount of liquid bye-passed from the outlet of the auxiliary



pump through the bellows to the inlet of said pump in accordance with variations in the pressure on the outlet side of the measuring pump in such a way as to keep the output of the measuring pump substantially constant, when the piston is moved beyond said range by excess pressure on the outlet side of the measuring pump the annular space between the reduced portion of the piston and the walls of the bore connects the outlet passage in the valve casing to the interior of the bellows so as to allow substantially the whole output of the auxiliary pump to be bye-passed to the inlet thereof and said port connects the relief passage to the internal passage in the valve, and when the piston is moved beyond said range owing to a deficiency of pressure on the outlet side of the measuring pump said port allows substantially the whole output of the auxiliary pump to be bye-passed to the inlet thereof and the open end of the internal passage in the valve connects said passage to the relief passage.

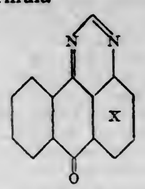
2,123,245

NAPHTHENE-HYDROCARBON-AMINO-ANTHRAPYRIMIDINES

Karl Koeberle and Otto Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 3, 1937, Serial No. 123,862. In Germany February 13, 1936
5 Claims. (Cl. 260—32)

5. A high molecular compound corresponding to the general formula



in which the nucleus marked *x* contains up to two

groups selected from the class consisting of the group —NH—X, X being the radical of a hydrocarbon corresponding to a naphthenic acid, and the group —NH—CO—Y, Y being a high molecular aliphatic hydrocarbon radical, at least one of the said groups being a group —NH—X.

2,123,246

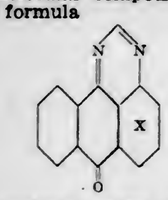
ABIETINYL-AMINO-ANTHRAPYRIMIDINES

Karl Koeberle and Otto Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 3, 1937, Serial No. 123,863. In Germany February 13, 1936

5 Claims. (Cl. 260—32)

5. A high molecular compound corresponding to the general formula



in which the nucleus marked X contains up to two groups selected from the class consisting of the group —NH—abietinyl and the group —NH—CO—Y, Y being a high molecular aliphatic hydrocarbon radical, at least one of the said groups being —NH—abietinyl.

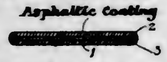
2,123,247

METAL REINFORCED SHEATHING SHEET AND METHOD OF MAKING SAME

Joseph T. Lawrence, Jersey City, N. J., and Leon Hartman, New York, N. Y., assignors to Mitchell-Rand Manufacturing Company, New York, N. Y., a corporation of New York

Application October 3, 1936, Serial No. 103,850

7 Claims. (Cl. 91—70)



1. Metal reinforced sheathing comprising a highly flexible sheet of metal selected from the group of non-ferrous metals consisting of copper, zinc and aluminum, which are of a gauge of the order of not exceeding about 7 oz. per sq. ft. and which sheet has a tough, firmly adhering coating covering both sides thereof, said coating comprising essentially a member of a group of bituminous compounds consisting of asphaltum and hard wood pitch and containing a minor proportion of an oil and being also characterized by its substantial freedom from inert mineral filler, as well as being waterproof, semi-plastic, alkali- and acid-resistant and of a melting point between 130° F. and 200° F.

2,123,248

INSOLUBLE REACTION PRODUCTS OF PEAT AND PROCESS OF MAKING SAME

Louis N. Markwood, Washington, D. C.

No Drawing. Application January 14, 1937, Serial No. 120,506

8 Claims. (Cl. 167—53)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The substantially water-insoluble reaction products of peat with organic bases of the group consisting of arecoline, anabasine, codeine, ethylene diamine and piperidine.

5. The process of preparing substantially water-insoluble reaction products of peat with organic bases of the group consisting of arecoline, anabasine, codeine, ethylene diamine and piperidine, which comprises bringing together peat and any of said organic bases in the presence of water.

2,123,249

MANUFACTURE AND USE OF SYNTHETIC RESINS

William Henry Moss, London, England, assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application July 6, 1935, Serial No. 30,165

14 Claims. (Cl. 260—2)

1. Process for the manufacture of synthetic resins which comprises reacting a ketone selected from the group consisting of methyl ethyl ketone, methyl butyl ketone and cyclohexanone with an aromatic compound containing at least two phenolic hydroxyl groups in the same ring until resinification takes place, these reactants being the only substances present capable of condensing to form a synthetic resin.

2,123,250

PROCESS FOR THE PRODUCTION OF DEPOLARIZING COMPOSITIONS FROM NATIVE MANGANESE DIOXIDE, E. G., PYROLUSITE

Wilhelm Müller and Gerhard Schaufler, Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application December 18, 1935, Serial No. 55,064. In Germany December 24, 1934

6 Claims. (Cl. 23—145)

1. A process for the production of depolarizing compositions from native manganese dioxide which comprises roasting said native manganese dioxide so as to convert a minor portion into Mn_2O_3, dissolving said Mn_2O_3 by means of a solution of at least one acid reacting compound capable of dissolving Mn_2O_3 and in concentration so adjusted as to cause solution of Mn_2O_3 but not of MnO_2, precipitating the dissolved manganese salts onto the remaining portion of the original native manganese dioxide by the addition of an alkaline agent, and thereupon oxidizing the precipitated manganese hydroxide to manganese dioxide by means of oxidizing agents.

2,123,251

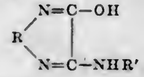
VAT DYESTUFFS OF THE PYRAZINE SERIES

Heinrich Neresheimer and Wilhelm Ruppel, Ludwigshafen-on-the-Rhine, and Willy Eichholz, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 17, 1937, Serial No. 126,252. In Germany February 21, 1936

10 Claims. (Cl. 260—29)

1. A vat dyestuff of the pyrazine series corresponding to the general formula



wherein R represents the radical of an aromatic compound having up to three condensed isocylic nuclei combined in two adjacent positions with the nitrogen atoms of the pyrazino ring shown,

and R' an organic radical, at least one of the radicals R and R' being para-quinoid and capable of being vatted.

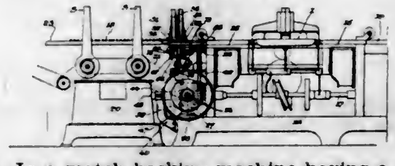
2,123,252

MACHINE FOR BOOKING MATCHES

John R. Nolan, Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del., a corporation of Delaware

Application July 8, 1936, Serial No. 89,575

11 Claims. (Cl. 93—2)



1. In a match booking machine having a carrier constructed to clamp and transport a succession of assembled covers and match cards, mechanism for associating protection cards with the complementary match cards and covers previously clamped in the carrier and including a thrust member having a notch for engaging succeeding protection cards and inserting them in the carrier in a path unobstructed by the match heads and longitudinally of the proximate match cards and for positioning said protection cards in clamping relation to the said complementary match cards and covers, said thrust member also having a match engaging member for assuring the orderly relation of said match cards and said protection cards in the covers, and means for supplying protection cards to the effective path of the thrust member at determined intervals.

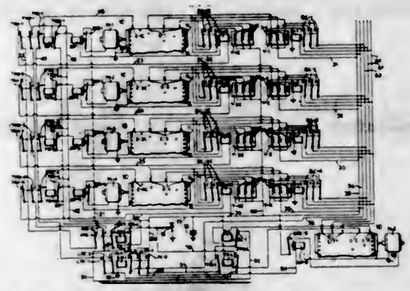
2,123,253

SYSTEM OF OPERATION OF TRANSLATING MECHANISMS

Austin R. Noll, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application December 28, 1934, Serial No. 759,505

8 Claims. (Cl. 197—20)



1. A system of the class described comprising a plurality of translating mechanisms, a plurality of indicia record control means and arranged so that a translating mechanism is adapted to be controlled by an individual indicia record control means for reproducing the indicia represented thereon, circuit control means to initiate operation of the said record control means and their associated translating mechanisms simultaneously, so that each translating mechanism reproduces the indicia represented on the record control means associated therewith, an additional indicia record control means, and control means to connect automatically the translating mechanisms with said additional indicia record control means so that all the said mechanisms are operated simultaneously in accordance with the indicia represented on said common record control means.

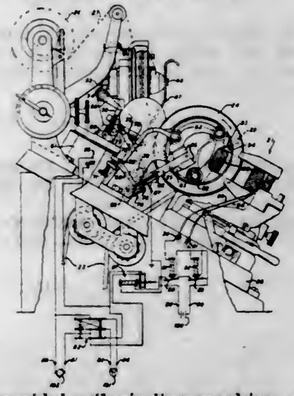
2,123,254

STRAND HANDLING APPARATUS

Robert Pash, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application November 14, 1935, Serial No. 49,696

4 Claims. (Cl. 242—4)



1. In a toroidal coil winding machine, a driven annular rotatable strand guide member, an annular freely rotatable metallic strand supply shuttle, a metallic brake member, spring pressed means to press the brake member against the shuttle to stop the same, a latch to hold the spring pressed means out of action, a solenoid to trip the latch and put the spring pressed means into action when deenergized, the winding of the solenoid being in shunt to the motor across the supply circuit thereof, a relay whose armature is in the supply circuit to the solenoid and acting when energized to open the supply circuit to the solenoid, means in the shuttle to connect the inner end of a conductive insulated strand wound thereon electrically to the shuttle, means to connect the brake member electrically to one end of the winding of the said relay and to one side of a source of current, means to connect the other end of the said winding to the armature of a second relay, means to connect the second relay armature to the other side of the source and to one end of the winding of the second relay, means to connect the other end of the second relay winding to the outer end of the strand wound on the shuttle, and a combination clutch and brake actuable by the solenoid when deenergized to disconnect the guide member from the motor and to stop the guide, all whereby when a break occurs in the strand on the shuttle the guide member will be disconnected from the motor and stopped, and the shuttle will be stopped.

2,123,255

PILE CUTTER FOR DOUBLE FABRIC LOOMS

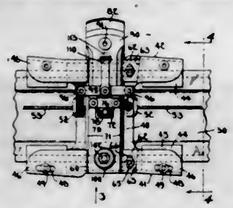
Oscar V. Payne, Leicester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application January 27, 1936, Serial No. 61,011

8 Claims. (Cl. 26—14)

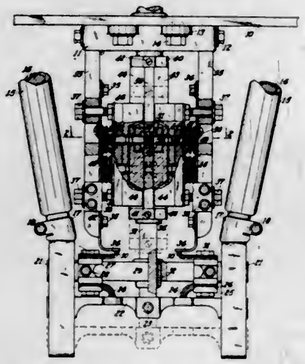
6. In a pile cutter, a body member, a knife holder mounted to slide on said body member

toward and from the fabric, means to shift said knife holder alternately in opposite directions as said body member is reciprocated, a knife blade, means to clamp said blade to said holder, and



means to adjust said blade on said holder toward and from the fabric and to firmly support said blade against cutting pressure in every adjusted position thereof.

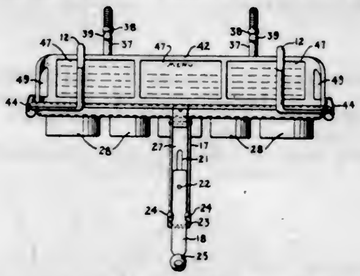
2,123,256
CIRCUIT SWITCHING DEVICE
Ralph R. Pittman and Carroll H. Walsh, Pine Bluff, Ark.
Application May 24, 1934, Serial No. 727,258
3 Claims. (Cl. 200—146)



1. A circuit switching device comprising elements constituting an arc suppressing switch, a first and a second main current carrying switch, a main disconnecting switch, an auxiliary disconnecting switch, and a movable control member for operating said switches, said elements being so related that a predetermined longitudinal movement of the control member from a position in which all of said switches are closed except said second main current carrying switch effects the serial arrangement of said main disconnecting switch, said auxiliary disconnecting switch and said arc suppressing switch, opens said first main current carrying switch and closes said second main current carrying switch, said last named switch shunting said serial arrangement.

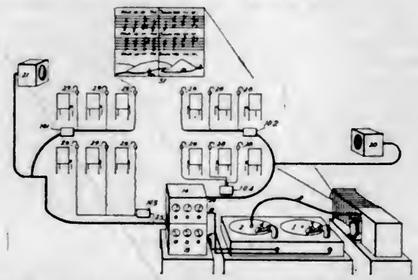
2,123,257
SERVING TRAY
Euzebe Provost, Houston, Tex.
Application April 13, 1936, Serial No. 74,046
3 Claims. (Cl. 40—10)

1. An attachment for a serving tray comprising a U-shaped frame having spaced walls with openings in the inner wall thereof for the reception and display of written matter, a flange on said frame comprising a downward extension of the inner wall of the frame and designed to fit within the upstanding edge of a tray, and spring clips on the ends and back of said frame adapted



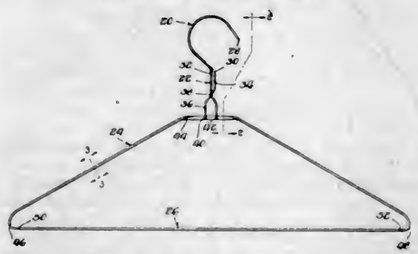
to be sprung over the outside edge of the tray to secure the frame in position.

2,123,258
MUSICAL INSTRUCTION
Richard Howland Ranger, Newark, N. J.
Application November 21, 1932, Serial No. 643,623
4 Claims. (Cl. 84—470)



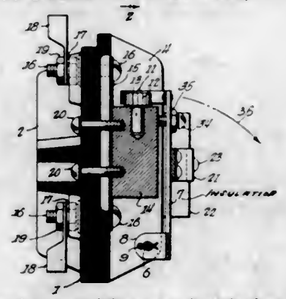
1. Apparatus for assisting ensemble musical performance comprising, in combination, a plurality of phonographic records, each recording one or more but not all of the tonal parts of a musical composition, an electromagnetic pick-up device for each record and means for driving said records synchronously relative to said pick-up devices and a receiver for each pick-up device.

2,123,259
COAT HANGER
Alvin V. Rowe, Galesburg, Ill.
Application February 13, 1936, Serial No. 63,701
6 Claims. (Cl. 223—88)



1. A trousers bar for a hanger, comprising a plurality of wires spaced from each other to provide a broad non-crease forming support, portions of one wire being bent toward the other and welded thereto to join the wires into a unit.

2,123,260
THERMAL TRANSFORMER CUT-OUT
Alwin G. Steinmayer, Milwaukee, and Robert L. Smythe, West Milwaukee, Wis., assignors to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application May 14, 1936, Serial No. 79,686
15 Claims. (Cl. 200—124)

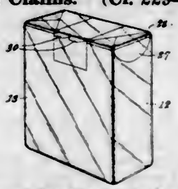


1. A cutout comprising an insulating base, a pair of terminals mounted on said base and each including a resilient contact brush in insulated relation to and inclined toward the other brush, a movable circuit-closing plate engaging said brushes to close a circuit therethrough, an insulating block on said plate, an arm pivotally carried by said base and connected to said block in insulated relation to said plate, a latch connected to said arm, a rotatable catch engaged by said latch, a low-melting material supported by the base and normally holding the catch against rotation, and electric heating means for softening said material.

2,123,261
TEXTILE YARN
Matthew Michael Taylor and Stephen Miller Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application December 22, 1936, Serial No. 117,146. In Great Britain February 5, 1932
15 Claims. (Cl. 117—52)

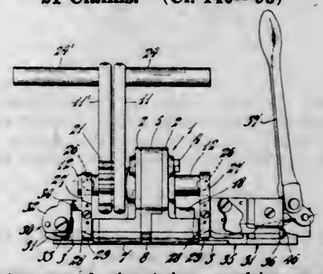
1. A composite yarn containing at least one spun yarn and at least one stapilized yarn.

2,123,262
CIGARETTE PACKAGE
Rex Townsend, New York, N. Y.
Application May 11, 1935, Serial No. 21,000
14 Claims. (Cl. 229—51)



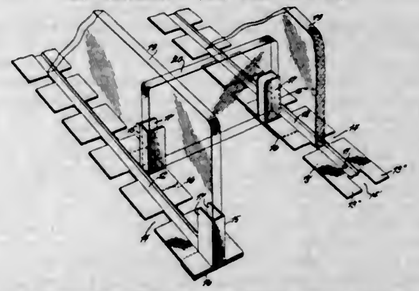
1. A wrapper foldable in definite order to form an enclosure for an object of predetermined shape and composed of layers of cover material, a tearing strip coextensive and foldable with that portion of the wrapper which forms the top of the enclosure and a tab projecting from the edge of said tearing strip at the point where one end of the top will be formed in the folding of the wrapper, said tab being disposed to lie at the outside of the outer cover layer of the folded wrapper.

2,123,263
WIRE-TYING APPARATUS FOR BALING, PACKING, AND THE LIKE
Arthur Richard Wallis, Hadleigh, and John James Cheesman, Sidcup, England, assignors to Gerrard Industries Limited, Brentford, England
Application September 24, 1936, Serial No. 102,270
In Great Britain March 25, 1936
21 Claims. (Cl. 140—93)



1. An improved wire-tying machine comprising a slotted pinion for engaging and twisting together the wires, a rock shaft in geared operative connection with said pinion and two oppositely moving operating levers for actuating said rock shaft.

2,123,264
DISPLAY SPACER
Harry L. Walter, University City, Mo., assignor to Ely & Walker Dry Goods Company, St. Louis, Mo., a corporation of Missouri
Application August 20, 1937, Serial No. 160,064
15 Claims. (Cl. 312—140.3)

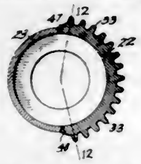


1. A counter-display partition-support comprising, in combination, a base strip having a longitudinal channel and a plurality of flatwise extending spaced flanges, the under faces of which are disposed in a plane spaced upwardly from the plane of the under face of the channel, and means engageable with the flanges having an upwardly presented socket for edgewise receiving and supporting a selected partition.

2,123,265
METHOD OF MAKING CYLINDER GEARS
William M. Wattie, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application April 10, 1935, Serial No. 15,602
2 Claims. (Cl. 29—159.2)

1. The method of making a complete segmental cylinder gear which comprises forming an elongated and substantially semi-cylindrical gear part, forming an elongated and substantially semi-cylindrical tube part, providing two separate heads for said segmental cylinder gear, welding the two heads one at each end of one of said

semi-cylindrical parts at the inside of said heads, applying the other semi-cylindrical part to said assembled parts to form a complete cylindrical element, and welding said gear part and said



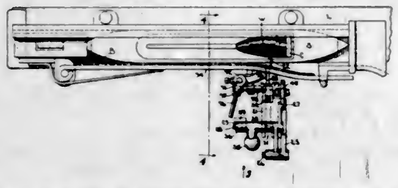
tube part to said heads at the outside of said heads and welding said gear part to said tube part at their axially extended abutting edges, thereby forming a complete segmental cylinder gear.

2,123,266

SMASH PREVENTER FOR SHUTTLE CHANGING LOOMS

William M. Wattie, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application June 22, 1936, Serial No. 86,513
11 Claims. (Cl. 139—230)



1. In a shuttle changing loom having a lay and operating with a weaving shuttle, means to pick the shuttle from alternate ends of the lay on successive beats of the loom, a shuttle changing mechanism located behind the lay and effective to advance a reserve shuttle forwardly as the lay moves rearwardly, a weft detector at the opposite end of the loom to indicate exhaustion of weft, setting mechanism for the shuttle changing mechanism controlled by the detector and effective when the latter indicates weft exhaustion to cause the shuttle changing mechanism to advance a reserve shuttle, controller means on the detector end of the loom normally positioned on detecting beats of the loom to move the setting mechanism out of control of the detector, and means moved by the shuttle when arriving at the detector end of the loom to move the controller means out of normal position to a position where said controller means is incapable of moving the setting mechanism.

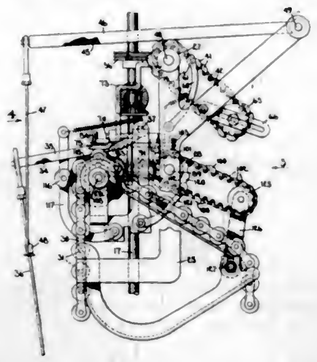
2,123,267

MULTIPLIER FOR LOOMS

Earl J. Wentz, Danville, Va., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application December 5, 1936, Serial No. 114,456
1 Claim. (Cl. 139—326)

In a multiplier for looms, a main pattern chain, a secondary pattern chain, a multiplier chain, a driving member for each chain, a single actuator for all the driving members, a set of box chain elements on the main chain, a different set of box chain elements on the secondary chain, a set of secondary chain control elements on the main chain, a set of multiplier chain control elements on the main chain, a set of main chain control elements on the multiplier chain, control connections between the sets of secondary and multiplier chain control elements on the main chain to connect the driving members of the secondary and multiplier chains to the actuator simultaneously to cause both of said chains to move together, control connections between the main chain elements of the multiplier chain and the driving member of the main chain to connect the latter to the actuator and cause the main



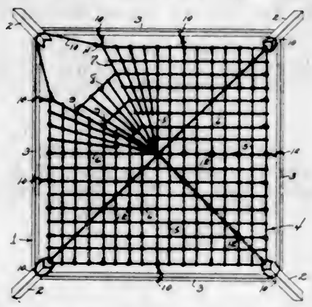
chain to move, control connections between the secondary chain control elements of the main chain and the driving member of the secondary chain to disconnect the driving member of the secondary chain from the actuator to stop the secondary chain, and control connections between the multiplier chain elements of the main chain and the driving member of the multiplier chain to disconnect the latter from the actuator.

2,123,268

SAFETY NET

Otis L. Young, Pampa, Tex.

Application January 22, 1938, Serial No. 186,432
1 Claim. (Cl. 227—46)



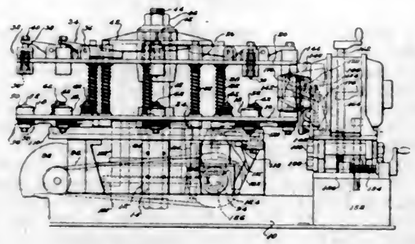
A safety net for oil well derricks comprising a net structure including in one corner thereof an opening, a flap forming a part of the net structure and having one edge detachably connected to the net structure whereby the size of the opening may be increased and decreased, a plurality of flexible elements each including hooks for connection with the net structure after the passing of the flexible element around parts of the derrick, said net structure including a series of looped elements to be engaged by hooks of certain of the flexible elements for connecting the net structure onto the derrick where the latter is of a size less than the marginal dimensions of the net structure.

2,123,269

METHOD AND APPARATUS FOR OPERATING ON HEELS

Arthur F. Ball, Haverhill, and George A. Craig, Malden, Mass., assignors to Gregory & Read Wood Heel Company, Malden, Mass., a corporation of Massachusetts

Application March 3, 1937, Serial No. 128,784
12 Claims. (Cl. 51—145)



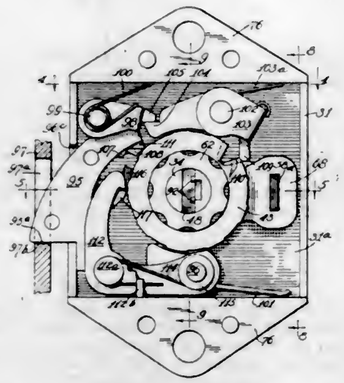
1. The method of shaping heels, which comprises the presentation of a heel shape with the rear portion in contact with a moving abrasive belt surface and traversing the heel shape lengthwise of the belt while passing the belt from one plane into a second plane disposed angularly thereto, and while so traversed oscillating the heel about an axis.

2,123,270

PERMUTATION LOCK

Dillwyn M. Bell, Oak Park, Ill., assignor to Dudley Lock Corporation, Chicago, Ill., a corporation of Illinois

Original application November 28, 1933, Serial No. 700,104, now Patent No. 2,083,358. Divided and this application October 12, 1936, Serial No. 105,212
9 Claims. (Cl. 70—314)



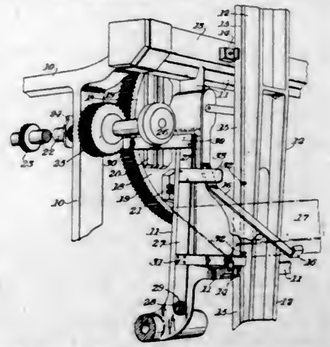
1. In a combination lock including a case, a bolt mounted movably therein for projection and withdrawal, a plurality of combination disks in the case normally serving to maintain the bolt in projected position but adjustable to permit its movement to withdrawn position, means actuated by movement of the bolt in one direction for shifting one of said disks out of such adjustment, and means actuated by movement of said bolt in the other direction for shifting another of said disks out of adjustment.

2,123,271

SAFETY DEVICE FOR TYPOGRAPHICAL COMPOSING MACHINES

Robert M. Berry, Sr., Uniontown, Pa.

Application October 21, 1937, Serial No. 170,174
3 Claims. (Cl. 199—52)



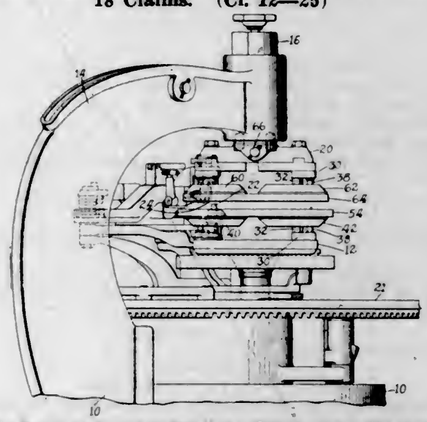
1. In a typographical composing machine having a mold selector and an elevator, a member arranged to be operated by the forward movement of said mold selector and arranged to be interposed by said movement in the path of the moving elevator to stop the latter, said member being manually retractable to permit the resumption of the machine's operation.

2,123,272

SOLE ROUNDING MACHINE

Frederic E. Bertrand, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application December 15, 1936, Serial No. 115,979
18 Claims. (Cl. 12—25)



1. In a sole-rounding machine, opposite carriers, and a forepart and a heel-end clamping member upon each carrier arranged for engagement with one side of an interposed sole-pattern, each clamping member being mounted upon the carrier for a universal tilting movement.

2,123,273

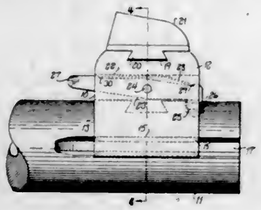
REMOVABLE MOUNT FOR FIREARM SIGHTS

Frank F. Burton, Mount Carmel, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland

Application March 29, 1937, Serial No. 133,521
2 Claims. (Cl. 33—47)

1. A removable mount for front firearm-sights, comprising: a sight-carrying body-portion pro-

vided with a vertical groove extending longitudinally of a barrel; a pair of opposed complemental clasping-arms extending from the said body-portion on the respective opposite sides of the said groove therein, one at least of the said clasping-arms being laterally resilient and each



thereof being provided with a wedge-shaped portion constructed and arranged to engage with a similarly-shaped portion of a firearm structure; and a latch-member mounted in the vertical groove in the said body-portion and engageable with a latching-abutment of the firearm structure.

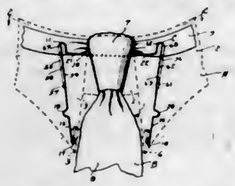
2,123,274

COLLAR SUPPORT AND NECKTIE RETAINER

William O. Dailey, Portland, Oreg.

Application November 29, 1932, Serial No. 644,800

20 Claims. (Cl. 24—87)



1. A collar support and necktie retainer, comprising a pair of converging resilient legs having a pair of forwardly extending piercing points adapted to penetrate the collar fabric, penetration limiting means formed within the legs immediately adjacent the piercing points adapted to limit the penetration of the piercing points into the collar fabric, a transverse bridge member, inverted U-shaped retaining means terminating the extreme ends of said transverse bridge member, and adjustable means secured to said retaining means and having the legs slidably inserted therein, said legs adapted for vertical adjustment relative to said means.

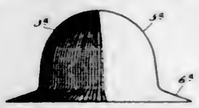
2,123,275

PROTECTIVE HEADGEAR

Joseph B. Dym, Pittsburgh, Pa., assignor to Mine Safety Appliances Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application June 1, 1936, Serial No. 82,765

6 Claims. (Cl. 2—3)



1. Molded safety head-gear comprising a rigid crown portion composed of molded plastic material having moldably embedded therein at least one knit fabric blank knit substantially to the crown shape.

2,123,276

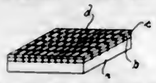
METHOD OF MAKING RULED SCREENS

Hermann Eckerlin, Frankfort-on-the-Main, Germany

Application December 12, 1936, Serial No. 115,585

In Germany January 2, 1936

1 Claim. (Cl. 95—81)



A method of producing original ruled-screens suitable for photochemical and photomechanical reproduction purposes comprising covering a transparent plate with an opaque coating of lead sulphide, covering the coating with a second coating resistant to lead-sulphide solvents, positioning the coated plate in a ruling machine, applying the diamond point of the ruling machine to the coatings to cut rulings simultaneously through the coatings, applying a lead-sulphide solvent to the ruled plate to etch out of the rulings the lead-sulphide residues that are left in the transparent rulings after the diamond-point cutting operation, and removing the second coating.

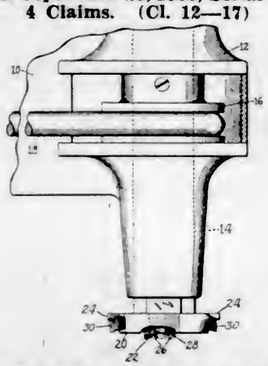
2,123,277

DEVICE FOR OPERATING UPON SHOE SOLES

James P. Fredericksen, Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application September 29, 1936, Serial No. 103,142

4 Claims. (Cl. 12—17)



1. A device for operating upon soles comprising a channel lip-raising tool and a roughing tool arranged upon said lip-raising tool for operation upon a surface of a channel formed on a sole.

2,123,278

STITCHDOWN SHOE

James P. Fredericksen, Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application October 26, 1936, Serial No. 107,639

1 Claim. (Cl. 36—16)



A stitchdown shoe having an extension sole and an insole which extends only from the tip line to the rearward extremity of the shank and which extends outwardly to the edge face of the extension sole, the outturned margins of the upper materials at the ends of the shoe being secured to the extension sole while the outturned margins of the upper materials at the sides of the shoe are secured to the margins of the insole.

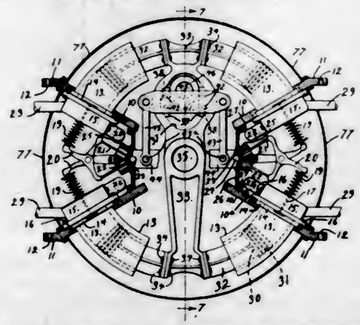
2,123,279

INTERNAL COMBUSTION ENGINE

Warren E. George and William J. Borer, Tekamah, Nebr.

Application May 28, 1936, Serial No. 82,356

5 Claims. (Cl. 74—48)



1. In an oscillating internal combustion engine having curved cylinders fixed in a frame and having valves and valve actuating means therefor, an oscillating power arm upon which are rigidly mounted pistons reciprocatingly received in their respective cylinders, said arm having a slot therein adjacent an oscillating end, crank pin guides operable in the slot of the oscillating arm, the inner faces of said guides being flat and parallel to each other, a crank operatively mounted in the frame and having its crank pin operably received between the flat faces of said guides, and rocking means adapted to maintain the flat faces of the guides parallel to each other and parallel to any plane of said faces regardless of their position as they are actuated upon oscillation of the oscillating power arm.

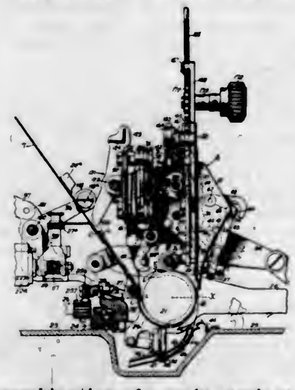
2,123,280

TYPEWRITING AND LIKE MACHINE

Frederick A. Hart, Fallbrook, Calif., assignor to Remington Rand Inc., New York, N. Y., a corporation of Delaware

Application October 17, 1934, Serial No. 748,694

65 Claims. (Cl. 197—128)



2. The combination of a main carriage, an auxiliary work-sheet-carrying carriage mounted to travel therewith and to receive an independent travel, and a work sheet holder carried by said last mentioned carriage and mounted therein to receive a bodily independent line spacing movement in a direction transverse to that of the travel of the main and auxiliary carriages.

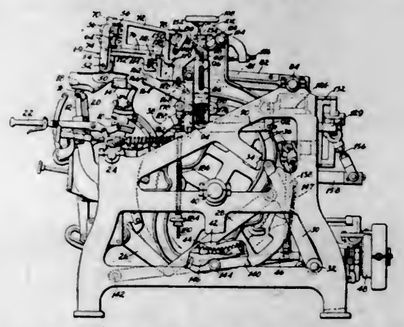
2,123,281

MACHINE FOR PRESSING THE BOTTOMS OF SHOES

Fred V. Hart, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application October 2, 1935, Serial No. 43,220

26 Claims. (Cl. 12—34)



1. In a machine for pressing the bottoms of shoes, the combination with a shoe support, of a device for applying pressure progressively to the forepart and shank portions of the bottom of a shoe on said support upon relative movement of said device and support lengthwise of the shoe, and means for effecting relative turning movement of said device and support about an axis extending heightwise of the shoe in predetermined time relation to their relative movement lengthwise of the shoe when the device is located substantially at the junction of the forepart and shank portions of the shoe bottom to cause the device to operate in substantially the same angular relation to one of said portions of the shoe bottom as to the other portion.

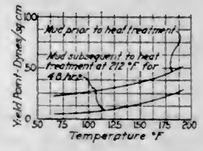
2,123,282

PROCESS FOR RECONDITIONING DRILLING FLUIDS

Philip H. Jones and Edmund C. Babson, Los Angeles, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California

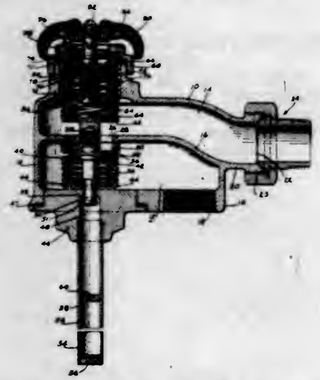
Application January 20, 1936, Serial No. 59,890

8 Claims. (Cl. 255—1)



1. In a process for drilling wells the steps comprising withdrawing drilling mud laden with cuttings from the drill hole, reducing the yield point of said withdrawn mud by prolonged heating to a temperature of approximately 212° F., separating extraneous matter from the mud of reduced yield point and returning the thus treated mud to the drilling well.

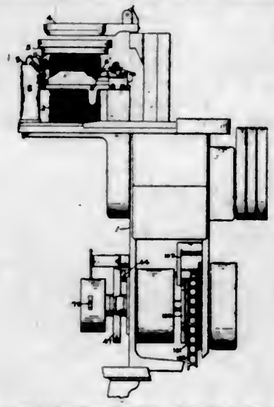
2,123,283
VALVED DEVICE
Carl G. Kronmiller, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application May 28, 1934, Serial No. 727,987
1 Claim. (Cl. 236—42)



An automatic valve for controlling the flow of heating medium into a heating element for heating a space comprising, in combination, a valve casing having inlet and outlet passages separated by a partition having a valve port therein, a valve member cooperating with said valve port for controlling the flow of said temperature changing fluid from said inlet passage to said outlet passage, a thermostatic motor means responsive solely to space temperature connected to said valve member and arranged for graduatingly moving said valve member towards closed position upon an increase in said space temperature and for graduatingly moving said valve member towards open position upon decrease in said space temperature, and means for compensating for the effect of changes in heat content of the heating medium upon the operation of said heating element, said compensating means comprising a second thermostatic motor means, said second thermostatic motor means being arranged within said valve casing to be responsive solely to the temperature of the heating medium flowing through the valve and interposed between said first thermostatic means and said valve member for varying the relationship between said first thermostatic motor means and said valve member, said second thermostatic motor means being arranged to graduatingly move said valve towards closed position upon increase in temperature of the heating medium and to graduatingly move said valve towards open position upon decrease in temperature of the heating medium to maintain a substantially constant heat output by said heating element for a given space temperature.

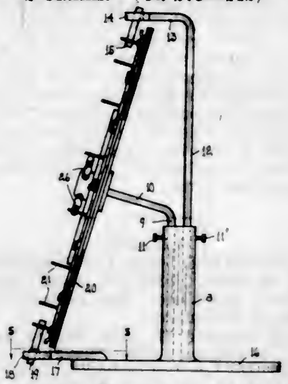
2,123,284
KNITTING MACHINE AND METHOD
Robert H. Lawson, Pawtucket, and Arthur N. Cloutier, Lonsdale, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application August 9, 1934, Serial No. 739,152
7 Claims. (Cl. 66—48)

7. A method of knitting a toe pocket in a stocking by reciprocatory knitting, said method including the withdrawal of a needle during each successive course of knitting to narrow the fabric and in varying the said narrowing by interrupting the rate thereof by periodically returning to action needles which have been withdrawn, and



thereafter widening said fabric by returning needles to action during certain reciprocatory courses in the knitting, but not at each successive reciprocatory course.

2,123,285
SPINNING WHEEL
William M. Miller, Omaha, Nebr.
Application February 19, 1938, Serial No. 191,506
2 Claims. (Cl. 273—142)



1. In a spinning wheel, a standard, an upright supporting-bar provided with a spindle and slidably mounted on the standard, a disc-wheel rotatably mounted on the spindle of the supporting-bar and provided along its periphery with detent-pins, a second upright adjusting-bar slidably mounted on the standard and provided with a flexible contact-member for engaging the detent-pins, a plurality of elongated strips provided with indicating characters and disposed side by side between said detent-pins circumferentially on the face of the disc-wheel, and a detachable disc on the disc-wheel engaging said strips.

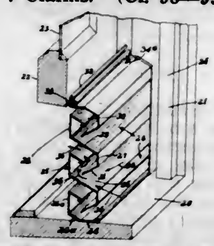
2,123,286
SECURING DEVICE
Sulo M. Nampa, Detroit, Mich., assignor to The Worth Company, a corporation of Michigan
Application November 21, 1934, Serial No. 754,014
2 Claims. (Cl. 248—223)

2. In combination, a supporting member and a member to be supported thereby, a unitary resilient means for releasably engaging and holding one of said members, said resilient means having an apertured shank for attachment to the other of said members, and means for permanently attaching said resilient means to the other of said members comprising a clip integrally secured to



said other member and having a portion spaced from said other member to define a slot for the reception of the apertured shank of said resilient means, said clip having a portion thereof permanently deformed to extend into said aperture for locking the resilient means to said other member.

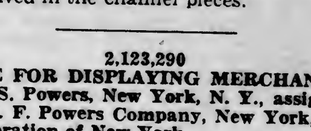
2,123,287
COMBINATION VENTILATOR
Eugene J. Ney, New York, N. Y.
Application November 22, 1934, Serial No. 754,289
7 Claims. (Cl. 98—99)



6. In a ventilator, a column of a plurality of superposed angular generally S-shaped members, each member being composed of an outer plate, an inner plate, a bridge plate connecting the lower end of the inner plate with the upper end of the respective outer plate, an upper flange plate projecting towards the center of the column from the upper end of the inner plate, a lower flange plate projecting towards the center of the column from the lower end of the outer plate, said bridge plates and said upper flange plates forming identical acute angles with the center plane of said column, and said lower flange plates forming identical acute angles with said center plane, the inclination of said lower flange plates to said center plane being opposite to the inclination of said upper flange plates and said bridge plates in relation to said center plane, the adjacent bridge plates, flange plates and the free ends of said flange plates being spaced apart from one another and from the respective adjacent plates, thereby forming a plurality of tortuous but free passages for the air between the interlocking neighboring portions of said members.

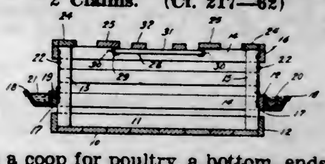
2,123,288
ARCH SUPPORTING SHOE
Edward R. Noyes, Natick, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 15, 1936, Serial No. 105,756
2 Claims. (Cl. 36—71)

1. A shoe comprising an insole having an upwardly turned lateral extension in its shank portion, an outsole having an upwardly turned lateral extension in its shank portion, an upper having its margin inturned between the insole and the outsole, a shank stiffener between said soles having a lateral arch supporting wing located between said lateral extensions of the soles and extending substantially throughout the length of the shank portion of the shoe, and a continuous



line of stitches uniting the upper with the body portions and with the lateral extensions of both soles, said line of stitches providing a continuous stitched seam extending around the forepart and along the opposite sides of the shank portion of the shoe and the stitches of said seam extending through the upper and through both soles and being located close to the upper edges of said body portions and said lateral extensions.

2,123,289
POULTRY COOP
Arthur T. Olson, Omaha, Nebr.
Application July 19, 1937, Serial No. 154,470
2 Claims. (Cl. 217—62)

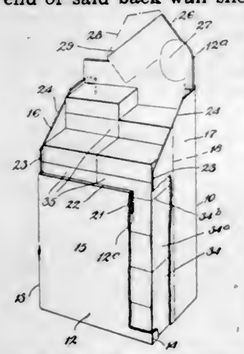


1. In a coop for poultry, a bottom, ends of vertically spaced transversely extending slats, the top slat at each end being centrally notched along the top edge, sides of suitably arranged slats, a top comprising slats suitably spaced apart and having a door opening between the adjacent central slats, a portion of said adjacent central slats extending over the respective ends of the notches which are at the ends of the door opening, channel pieces extending between the notches at the respective ends thereof and secured to the notched end pieces, said channel pieces being substantially U-shaped in cross-section with the open ends facing each other, said channel pieces having their upper sides in contact with the under side of the respective central slats of the top, and a door slidably received in the channel pieces.

2,123,290
DEVICE FOR DISPLAYING MERCHANDISE
William S. Powers, New York, N. Y., assignor to The W. F. Powers Company, New York, N. Y., a corporation of New York
Application October 5, 1936, Serial No. 104,079
1 Claim. (Cl. 248—174)

A display device of the class described comprising a tubular body, said body being fashioned from one characterized sheet of thin material folded to form a front wall, side walls foldable upon each other and rear projecting flanges, a back wall sheet secured to said flanges, the side walls being foldable centrally to collapse upon each other and the front wall upon said back wall, a supplemental back wall part attached to the flanges of said side walls at the upper end thereof to provide an upwardly projecting display section, the upper edge of the front wall having an inwardly folded flange, the back wall sheet

terminating short of the lower end of said body to form a large opening at the back thereof, and the upper end of said back wall sheet having an



upwardly extending flange arranged rearwardly of and serving to reinforce the lower edge portion of said supplemental back wall part.

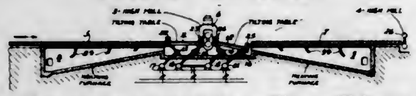
2,123,291

APPARATUS FOR ROLLING STRIP

John A. Smitmans, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application February 23, 1935, Serial No. 7,865

8 Claims. (Cl. 80—33)



1. The combination with a rolling mill for manufacturing hot metallic strip which has a plurality of working passes, of conveyors for delivering the strip to and from said mill, a pair of furnaces located under said conveyors, a pair of tilting tables at the two sides of the mill for guiding the strip as it leaves the mill either into the furnaces or onto the conveyors, and means for adjusting said tables to register at the mill end with the different pass lines thereof and at their other ends with either the furnaces or the conveyors.

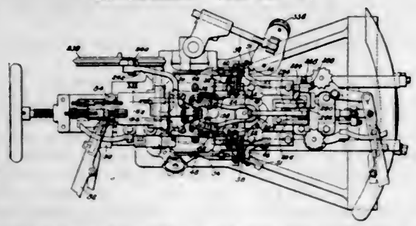
2,123,292

MACHINE FOR USE IN MANUFACTURING BOOTS AND SHOES

William D. Thomas, Lynnfield, and Charles A. Robinson, Salem, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application December 28, 1936, Serial No. 117,728

33 Claims. (Cl. 12—7)



1. In a machine for use in the manufacture of pre-welted shoes, a plate constructed and arranged to support a pre-welted upper by engagement within the welt crease, means constructed and arranged to press the welt against the supporting plate and to hold it against said plate while a last is forced into the supported upper, a depressor for forcing a last into the supported upper, an actuator, connections from the actuator to the depressor, and connections from the actuator to the welt pressing means whereby said welt pressing means is operated while the depressor remains in retracted position, said connections to the welt pressing means including means disengageable at the will of the operator to permit operation of the depressor.

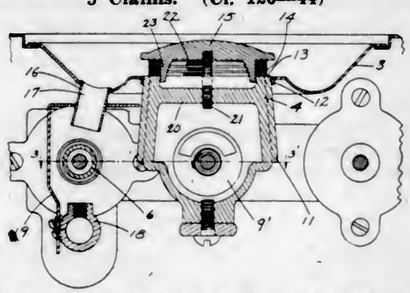
2,123,293

STOVE

Boyd W. Tullis, Wichita, Kans., assignor to The Coleman Lamp and Stove Company, Wichita, Kans., a corporation of Kansas

Application February 15, 1936, Serial No. 64,135

5 Claims. (Cl. 126—44)



3. A stove including a top plate having a burner opening, a burner supported in said opening, a reflector encircling the burner and closing said opening, said reflector having an opening, and a vaporizing generator and burner for supplying vaporized fuel to the burner and supported below said reflector opening whereby said vaporizing generator burner is ignited through the opening in the reflector.

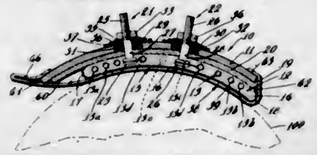
2,123,294

ELECTRIC HEATING APPARATUS

Edwin L. Wiegand, Pittsburgh, Pa.

Application August 27, 1936, Serial No. 98,123

19 Claims. (Cl. 219—19)



1. A heat-applying machine shoe, comprising: a sheet metal member having a face providing the heat and pressure applying surface of said shoe, said sheet metal member being so constructed and arranged as to be by itself incapable of withstanding deformation by normal pressure applied to said heat and pressure applying surface; a heating unit, including a resistor embedded in a compact mass of refractory electrical insulating material, so constructed and arranged that said unit heats said member and resists deformation of said member by normal pressure applied to said heat and pressure applying surface; and means, including an integral portion of said member, constructed and arranged to hold said heating means in assembled relation with said member.

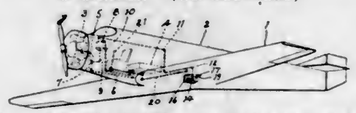
2,123,295

SAFETY DEVICE FOR AEROPLANES

Garfield A. Wood, Detroit, Mich.

Application February 8, 1937, Serial No. 124,532

5 Claims. (Cl. 244—135)



3. A safety device for aeroplanes having an opening in the outer wall of a wing thereof, said safety device including a pivoted mounting member for closing said opening and adapted to swing outwardly therefrom, a Venturi tube mounted upon said mounting member to swing therewith into position outside of said aeroplane and to be housed within said aeroplane by the swinging of said mounting member to a position to close said opening in said aeroplane wing wall, a closed tank within the fuselage of the aeroplane at a distance from said opening, and a flexible tubular connection between said tank and the restricted portion of said Venturi tube to permit free swinging movement of said mounting member.

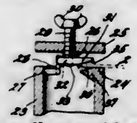
2,123,296

SAW TOOTH SETTER

James N. Alexander, Birmingham, Ala.

Application August 18, 1934, Serial No. 740,515

1 Claim. (Cl. 76—66)



In a saw set, a handle provided with a recess, a support spaced from the end thereof and secured thereto by means of two spaced spiders, a clamping head between said support and end, a portion of one surface of which is sloped, screw-threaded means mounted in the support and rotatably secured to said clamping head, a sloped surface formed on said end projecting into the recess and being substantially parallel to the sloped surface of the clamping head, a flat surface formed on the handle and adjacent said sloped surface formed thereon whereby the flat of a saw blade may be laid on the flat surface on the handle and a tooth set by being placed between the sloped surface on the handle and the sloped surface portion on the clamping head by the movement of the clamping head through said screw-threaded means, said clamping head being provided with a groove, and a substantially L-shaped guide piece one leg of which fits in said groove whereby reciprocation of the clamping head is permitted without rotation thereof, the extremity of the other leg being secured to the inner wall of the recess in the said handle.

2,123,297

PROCESS OF PREPARING PERFORATED METAL ARTICLES

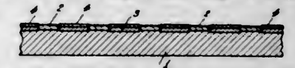
Laurens Rynhart Beynen, Brummen, Bernard Marie van Dorp, Vorden, and Willem van de Pol, Loenen, Veluwe, Netherlands

Application December 9, 1935, Serial No. 53,680

In the Netherlands December 12, 1934

4 Claims. (Cl. 204—6)

1. The process of making perforated articles by electro-deposition which comprises placing a design on a metal base plate by means of an electrically insulated light-sensitive emulsion, hardening the emulsion form said design, etching the plate in the areas other than covered by said design, depositing an amalgam on said etched areas, cleaning said plate with an acid, coating said plate with fatty ink, the latter adhering only to the hardened design, dusting said plate with



asphalt powder which adheres only to said fatty ink, cleaning the non-adherent ink and powder, melting and hardening said asphalt, electrically depositing a metal on said plate, and stripping off said metal in the form of a perforated article.

2,123,298

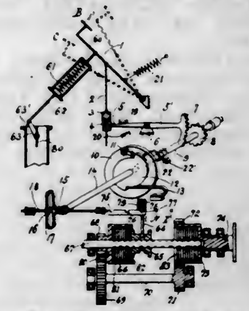
MECHANICAL CONTROL MECHANISM

Hanns Stephan Wilhelm Böllinger and Walter Moritz Alwin Gottschalck, Frankenthal-Pfalz, Germany, assignors to Klein, Schanzlin & Becker Aktiengesellschaft, Frankenthal, Germany

Application November 6, 1936, Serial No. 109,503

In Germany September 19, 1935

6 Claims. (Cl. 74—472)



1. A control apparatus comprising pedal means, actuating means, a one-way coupling comprising a driving member and a driven member, a first set of connecting means connected to and connecting said pedal means and said driving member, and a second set of connecting means connected to and connecting said driven member and said actuating means, said members of said coupling being so arranged that said first set of connecting means can move in one direction independently from said second set of connecting means.

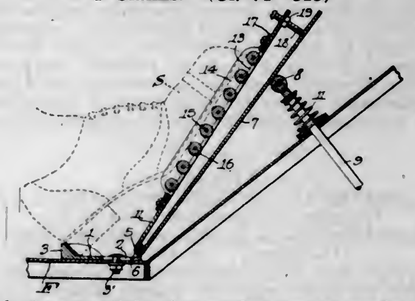
2,123,299

ACCELERATOR PEDAL FOR MOTOR VEHICLES

John Partridge Gibbons, Jr., and Joseph Allison Davant, Hamlet, N. C.

Application March 26, 1937, Serial No. 133,278

4 Claims. (Cl. 74—513)



1. As an article of manufacture an accelerator pedal including an attaching plate having a heel

rest, a pusher plate hingedly connected to one end of the attaching plate, a foot plate hingedly connected to the attaching plate and the pusher plate, and anti-friction devices carried by the foot plate.

2,123,300

PROCESS FOR WORKING UP ZINC DUST

Kurt Rudolf Göhre, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York

No Drawing. Application September 15, 1937, Serial No. 164,065. In Germany September 21, 1936

5 Claims. (Cl. 75—71)

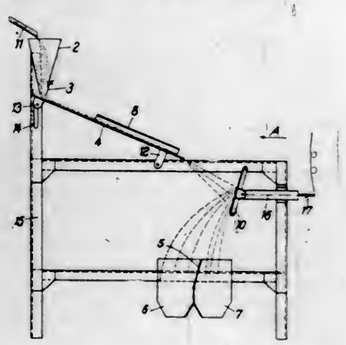
1. Process for working up zinc dust which contains cadmium which comprises liquating the dust in the absence of reducing agent and subjecting the resulting cadmium-zinc alloy to rectification.

2,123,301

ELECTROSTATIC SEPARATOR FOR THE SEPARATION OF FINE-GRAINED MIXED MATERIALS

Georg Grave, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York

Application March 12, 1936, Serial No. 68,532
In Germany March 20, 1935
6 Claims. (Cl. 209—128)



1. An electrostatic separator for the separation of fine-grained materials, comprising in combination, an electrically uncharged inclined chute, means for feeding materials to be separated to said chute, an electrically charged separating surface positioned facing the lower edge of the chute across the plane thereof at a position in the path of all the material leaving the chute where the material has a substantial horizontal component of travel to serve as a deflector for all of the material leaving the chute whereby particles leaving the chute at different velocities are caused to rebound in separate distinct paths, and separate receptacles positioned in said separate paths.

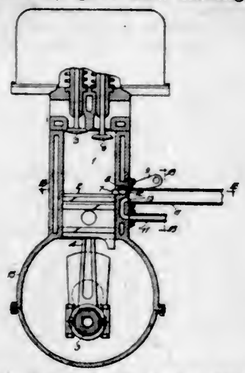
2,123,302

INTERNAL COMBUSTION ENGINE

Clarence C. Groth, New York, N. Y.

Application March 23, 1937, Serial No. 132,465
11 Claims. (Cl. 123—75)

1. In a four stroke cycle internal combustion engine, in combination, an engine cylinder having an auxiliary port, a piston movable within the cylinder and adapted to cover and uncover said auxiliary port, and an exhaust line leading from the auxiliary port and having constant



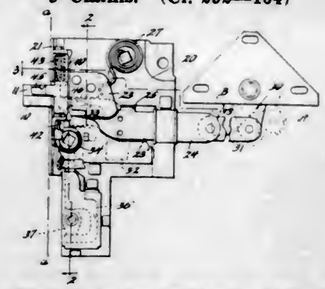
communication through its intake end with the auxiliary port and with atmosphere.

2,123,303

COMBINED LOCK AND DOOR RETAINER

Alfred Haberstump, Detroit, Mich.

Application September 17, 1935, Serial No. 40,982
9 Claims. (Cl. 292—164)



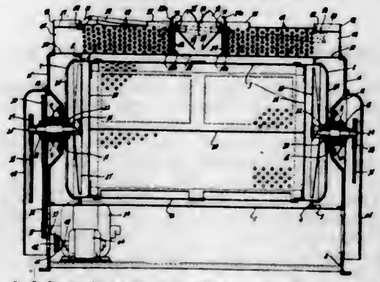
1. A door lock comprising wedge receiving means, wedging means including a latch bolt, means for retracting the latch bolt, a device for engaging and locking said retracting means against operation, and mechanism for rendering said device ineffective to lock the retracting means when the wedging means is out of engagement with the wedge receiving means.

2,123,304

DRYING TUMBLER

Russell A. Hetzer, Madeira, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio

Application January 27, 1936, Serial No. 60,947
14 Claims. (Cl. 34—5)



1. A fabric treating device comprising a casing,

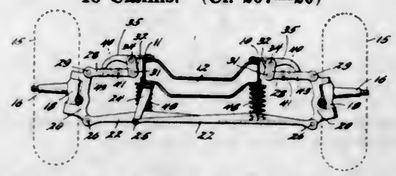
a work containing drum arranged in said casing having end plates with air passages therein and a perforated cylindrical body portion, perforated partitions in said drum spaced inwardly from the end plates, and air propelling means interposed between said end plates and said partitions whereby air may be forced at a high velocity into both ends of said drum, through the fabric contained therein, and outwardly through the perforations in the cylindrical body.

2,123,305

MOTOR VEHICLE

Hans Hierta, Dearborn, Mich.

Application June 20, 1934, Serial No. 731,565
18 Claims. (Cl. 267—20)



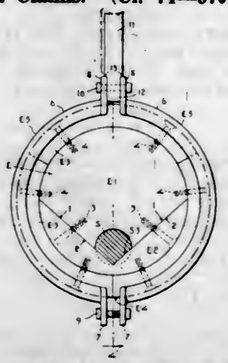
1. In a motor vehicle, the combination with a vehicle frame, of steerable road wheels disposed at opposite sides of said frame, and means supporting said road wheels on said frame for independent rising and falling movement with respect thereto, said means comprising a pair of generally parallel vertically spaced links having articulated connection with each of said wheels and with said frame for swinging movement in generally vertical planes, the connection of one link of each pair with the frame providing for lateral bodily displacement of the link, the other link of each pair being pivoted to said frame for swinging movement about a fixed axis, and guide means associated with said first named link and acting between the frame and the link at a point intermediate the ends of the link to cause the said point to follow an outwardly directed path as the link rises from a midposition.

2,123,306

INTERNAL COMBUSTION ENGINE

Waits E. Hood, Harrison, Ark., assignor to Clarence N. Hudson, Harrison, Ark.

Application October 1, 1935, Serial No. 43,100
2 Claims. (Cl. 74—570)



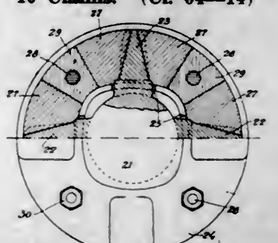
1. In an internal combustion engine, the combination of a straight power shaft having chamfered portions to form a pair of shoulders defining chords on said shaft; a circular disc mounted on said shaft and comprising co-acting plates, one of said plates having a semi-circular orifice and a pair of straight shoulders, and the other plate having a pair of straight shoulders, the shoulders of the latter plate bearing upon the shoulders of the shaft and the shoulders of the former plate, a multi-piece collar bolted on the periphery of said disc; a grooved ring slidably embracing the periphery of said collar; and a connecting rod between said ring and the engine piston.

2,123,307

FLEXIBLE UNIVERSAL COUPLING

Hans Kattwinkel, Coswig, Germany

Application September 8, 1936, Serial No. 99,871
In Germany September 9, 1935
10 Claims. (Cl. 64—14)



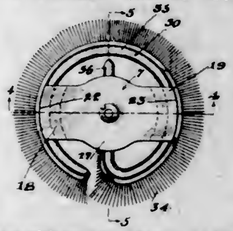
1. A universal joint comprising: two forked heads having each at least two arms, elastic bodies between the arms of the one and the arms of the other forked head, a casing covering the said elastic bodies and having a clear cross-section of substantially the same dimensions as the cross-section of the said elastic bodies and additional elastic bodies co-operating with the said first mentioned elastic bodies and having considerably larger cross-sectional dimensions than the first-mentioned bodies.

2,123,308

SCRUBBER STRUCTURE

Anders R. Lofstrand, Sr., Washington, D. C.

Application December 14, 1936, Serial No. 115,869
3 Claims. (Cl. 15—176)



1. In a scrubber structure, a brush structure formed of an annular portion carrying a brush element, and a rigid plate having means on its upper face for connecting it with a shaft and a pair of ribs on its lower face in the form of segments of a circle diametrically oppositely located for frictionally engaging the inner face of opposite sides of said annular portion.

2,123,309

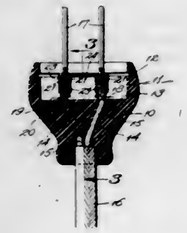
ATTACHMENT PLUG

Thomas McKee, Colorado Springs, Col assignor of one-third to Margaret M. Dudte one-third to C. B. Van Deman, both of Colorado Springs, Colo.

Application July 26, 1937, Serial No. 155,789
2 Claims. (Cl. 173—361)

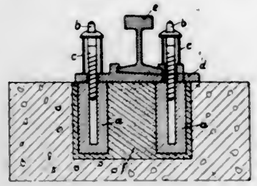
1. An attachment plug comprising a body formed of insulating material and provided in one

end with a cylindrical opening of less diameter than the body, there being an annular groove formed in the wall of the opening parallel with the bottom of the opening, there being channels formed in the body receiving circuit wires and a pair of electric terminals, each terminal comprising a U-shaped bar of spring metal, one of the legs of the bar being bent at an angle to provide an attaching foot embedded in the material of the body, the legs of the bar being provided with



registering openings to receive the bared reversely bent end of a circuit wire, a metal clamp sleeve slidably fitted on the legs of the bar and adapted to be slid over the bent end of the circuit wire to rigidly clamp the wire to the bar and maintain good electrical connection, and a resilient lock plate of insulating material adapted to be sprung at the ends into said groove and to bear upon the clamp sleeves of said pair of terminals for releasably holding the clamp sleeves in operative position.

2,123,310
MEANS FOR SECURING IRON PARTS TO MASONRY OF ALL KINDS
Oscar Meyer, Cologne, Germany
Application January 30, 1936, Serial No. 61,531
In Germany November 28, 1935
2 Claims. (Cl. 72—105)



1. A method of securing iron parts to masonry or concrete, which consists in providing at the securing points for the iron work, holes in the masonry or in the concrete, securing dowels of asbestos-cement with the iron work, placing the iron work with the dowels in the end position and pouring concrete-mortar in the space between the asbestos-cement dowels and the walls bounding the recesses in the masonry or concrete.

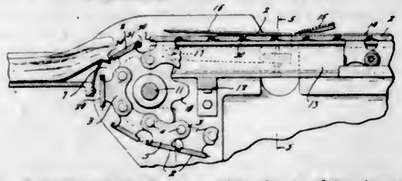
2,123,311
SKI-POLE
Alice Müller-Roggli, Thun, Switzerland
Application May 22, 1937, Serial No. 144,155
In France April 9, 1937
3 Claims. (Cl. 280—11.37)

1. The method of manufacturing a ski-pole, which comprises impregnating a filling consisting of a reed with a liquid consisting of two parts of potassium silicate and one part of water, and



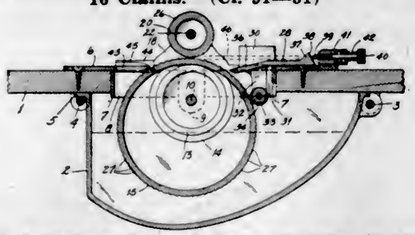
gluing the impregnated filling to the interior of a hollow pole consisting of a reed.

2,123,312
SKINNING MACHINE
William H. O'Connor, Middletown, N. Y.
Application November 13, 1935, Serial No. 49,570
3 Claims. (Cl. 146—130)



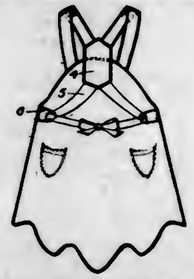
1. A holding plate assembly for a skinning machine comprising movable plates, means to move the plates, each plate having hollowed-out recesses on either side at the under portion adjacent the edge of the plate, and pins on each plate pointing backward to the direction of travel to grasp the skin between it and the adjacent plate, the pins of one plate being adapted to lie in the recesses under the adjacent plate in the holding position.

2,123,313
PASTE APPLYING DEVICE
Dennis Parks, St. Louis, Mo.
Application July 22, 1935, Serial No. 32,582
16 Claims. (Cl. 91—51)



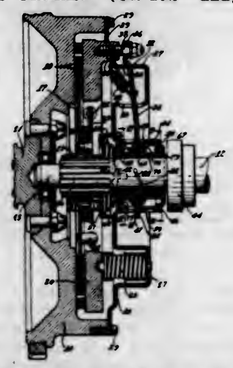
1. A paste applying device comprising, in combination with a container for paste, a relatively large floating lower roller suspended therein, an upper roller yieldably cooperating with the lower roller to receive paste therefrom, means for circumferentially rotating said lower roller and means for driving said upper roller.

2,123,314
APRON
Ada Quinn, Ogden, Utah
Application July 3, 1935, Serial No. 29,650
4 Claims. (Cl. 2—48)



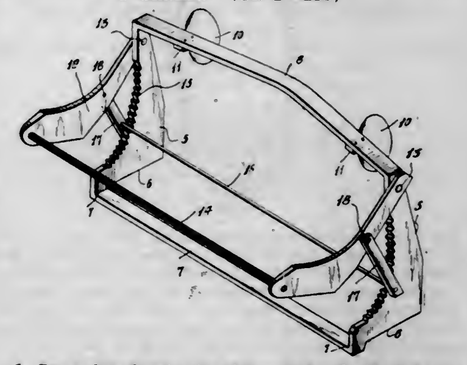
1. In an apron, the combination of a permanent back panel attached only at the neck portion of the apron, the lower extremity of said panel being cut on lines inclined in opposite directions with respect to the horizontal, diagonally disposed strings attached to the lower extremity of the panel extending in divergent directions toward the rear side edges of the apron, and side extensions secured to the rear side edges of the apron and carrying loop members through which said strings may be inserted and secured, whereby the apron may be adjusted as to length and girth.

2,123,315
MOTOR VEHICLE
Peter F. Rossmann, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application February 26, 1934, Serial No. 713,054
5 Claims. (Cl. 192—111)



1. In a wear compensating, motion transmitting device, the combination with a pair of relatively displaceable members, of means operable automatically to relatively displace said members and to retain said members substantially in such displaced relation, said means comprising devices retaining said members against relative rotation, an element rotatable with respect to said members and having an axial cam connection with the first one of said members and a ratchet connection with the second one of said members, and yielding means urging said element to rotate with respect to said members in opposition to said ratchet connection and to move axially to maintain said ratchet connection, whereby axial movement of the first one of said members to an extent sufficient to disengage said ratchet connection will effect rotation of said element to displace said cam connection axially.

2,123,316
HEADREST ATTACHMENT FOR BATHTUBS
Stella Rotolo, Elizabeth, N. J.
Application October 7, 1937, Serial No. 167,837
4 Claims. (Cl. 4—185)



1. In a headrest attachment for bath tubs, a skeleton frame comprising end plates, head and base rails connecting the end plates, the forward edges of the end plates being of arcuate formation and toothed, a pair of arms pivotally connected to the upper ends of the end plates, means carried by said arms adjustably engaged with the toothed edges of the end plates for supporting the arms at different elevations and a flexible headrest supporting sheet attached to said arms.

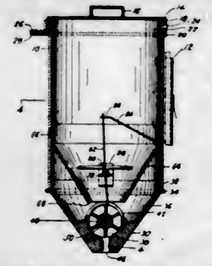
2,123,317
MAKING COLORED PLATES FROM MIXTURES OF HYDRAULIC BINDING AGENTS AND FIBROUS SUBSTANCES
Stefan Schless, Freiburg in Breisgau, Germany
No Drawing. Application April 22, 1936, Serial No. 75,903. In Germany April 26, 1935
8 Claims. (Cl. 25—155)

1. A method of making colored articles like plates for covering roofs, floors and walls, and colored household articles like cups, knobs, etc., from mixtures of hydraulic binding agents and fibrous materials consisting in treating with only about 5% of water a mixture of cement with asbestos and coloring material, loosening up the whole to a dry uniform mixture, pressing the mixture into shapes, and causing the shaped pieces to set by placing them between moist surfaces.

2,123,318
DISPENSER
Daniel C. Taylor, Huntington Park, Calif., assignor to Turco Products Inc., Los Angeles, Calif., a corporation of California
Application August 21, 1937, Serial No. 160,319
4 Claims. (Cl. 221—106)

1. A dispensing apparatus, comprising a reservoir having a dispensing opening in the bottom thereof, and having means for simultaneously agitating the contents of the dispenser and dispensing predetermined quantities thereof, said means including a rotatable toothed wheel positioned adjacent the dispensing opening, a horizontally disposed shaft pivotally mounted in the

reservoir above the toothed wheel, a horizontally disposed vibrator element rigidly attached to and moving with said shaft, a vertically disposed leaf spring element rigidly attached to said shaft and having its upper end extending upwardly into the body of the reservoir above the said shaft and vibrator element, the lower end of said spring depending downwardly in the direction of the dis-



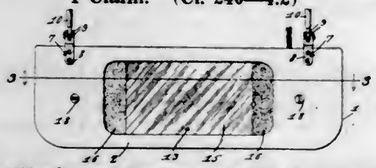
pensing opening and terminating at a point within the outer circle of said toothed wheel and between the teeth thereof, and means for restraining the sidewise movement of the upper spring end, and exterior control means for imparting motion to said agitating and dispensing means, said control means being operable in either a clock-wise direction or in an anti-clockwise direction at the will of the operator.

2,123,319

MIRROR AND VISOR ATTACHMENT FOR MOTOR VEHICLES

Sigurd Thompson, Poplar, Mont., assignor of one-half to Peder Moe, Poplar, Mont.

Application July 14, 1937, Serial No. 153,630
1 Claim. (Cl. 240—4.2)



An attachment for motor vehicles, comprising an elongated relatively flat body providing a visor, adjustable bracket means for mounting the body in position for use, said body being hollow and having a detachable front wall and provided with an elongated opening, a frame plate mounted in the body about the opening and including a right angle flange on the outer edge thereof cooperating with the front wall to provide a channel, a strip of glass in the channel and having a mirror portion and frosted portions at the ends thereof upon opposite sides of the mirror portion, lamp housings formed in the frame plate and covered by the frosted portions, illuminating means for the mirror and in the lamp housings and said front wall and glass being detachable to provide access to the lamp housings.

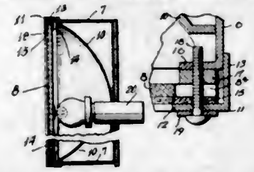
2,123,320

TRAFFIC SIGNAL DEVICE

Joe Turano, Sacramento, Calif.

Application July 21, 1936, Serial No. 91,757
1 Claim. (Cl. 40—132)

In a traffic signal device, a rectangular illuminated casing open at one side, a glass plate closure for the open side, said plate having traffic signal indicia and symbols imprinted thereon, the mounting for the glass plate including a rectangular frame having a front strip overlying the front of the glass plate and a side flange overlying the edge of the glass plate and sides of the casing, a gasket strip interposed between the front strip of the frame and the glass plate, inwardly directed apertured lugs carried by the forward edges of the opposite ends of the casing, a block having a threaded opening therein, anchored to



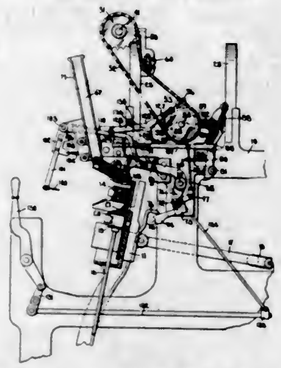
the outer face of each lug with the threaded opening therein registering with the apertures in the lugs and screws passing through the front strip and lugs and threaded through the blocks for securing the frame and glass plate in position on the casing, the side edges of the casing having abutting engagement with the front strip of the rectangular frame.

2,123,321

PICK AND PICK WEFT REPLENISHING LOOM

Richard Greenleaf Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application October 1, 1936, Serial No. 103,544
8 Claims. (Cl. 139—232)



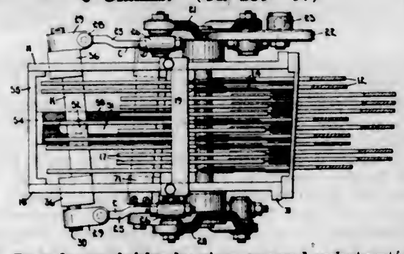
1. In a loom operating with a plurality of weaving shuttles, a lay, shifting shuttle boxes at each end of the loom which shift with respect to the lay when the latter is in the forward part of its motion and are at rest relatively to the lay when the latter is in the rear part of its motion, a pattern chain to determine the sequence of movements of the shuttle boxes and cause one set of shifting shuttle boxes to be at rest with respect to the lay during a forward and the following backward movement of the lay, a reserve bobbin magazine, transfer mechanism for the magazine to move a reserve bobbin from the magazine into one of the boxes of said one set when the lay is in rear position, a weft detector to determine the condition of weft in said one box when the lay is in its forward position and said one box is at rest relatively to the lay, means moving in timed relation with the pattern chain to render the detector effective to detect every fourth beat of the loom when the lay is forward, a controller for the transfer mechanism, means moving in timed relation with the pattern chain capable of giving the controller an operative motion to set the transfer mechanism for transfer every fourth beat of the loom when the lay is moving rearwardly immediately subsequent to indication of exhaustion by the detector, and means controlled by the detector to cause the actuator to have an operative movement with respect to the magazine when the detector indicates exhaustion.

2,123,322

DOBBY KNIFE GUIDE

Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application September 24, 1937, Serial No. 165,544
6 Claims. (Cl. 139—67)



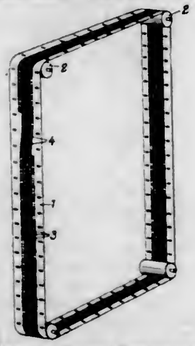
1. In a loom dobby having spaced substantially parallel side frames, a set of hooks between and substantially parallel to said frames, a knife supported by and movable along the frames, means to move said knife in a direction substantially parallel to said hooks and at the same time change the angular relation of said knife relatively to the hooks, and a pair of cooperating members to resist endwise motion of the knife laterally of the hooks, one of said members having a slot substantially parallel to the side frames to receive the other member, one member being fixed to the knife and the other member being fixed with respect to the dobby.

2,123,323

SOUND RECORD

Dénes von Mihály, Berlin-Wilmersdorf, Germany, assignor to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany

Application March 28, 1929, Serial No. 350,692
In Germany December 8, 1928
7 Claims. (Cl. 274—41.6)



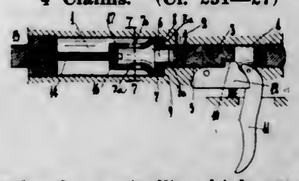
1. A sound record for talking machines and the like, consisting of an endless band of light sensitive film on which sound has been photographically recorded in lines extending a number of times around the endless band parallel to the edges of the film, the record shifting from one line to the next at intervals and passing completely round the endless band between two such displacements.

2,123,324

VALVE FOR CONTROLLING HIGH PRESSURES

Clive Nelson Webby, Riverlea, Taranaki, New Zealand

Application October 9, 1935, Serial No. 44,298
In New Zealand May 28, 1935
4 Claims. (Cl. 251—27)



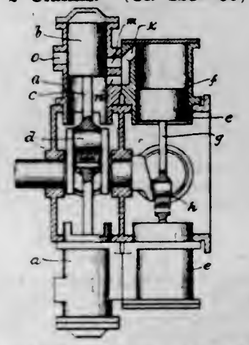
4. A valve for controlling high pressures, including in combination, a reservoir, a valve chamber extending therefrom and provided with an outlet, said valve chamber merging with the reservoir to form a shoulder, a valve operative in the valve chamber for opening the chamber to the outlet, a packing fixed relative to the shoulder to seal between the shoulder and the valve, said packing having an annular facing member disposed intermediate the inner and outer peripheries of the packing on the side presented to the shoulder, and said facing member being partially engageable with portions of the shoulder and valve.

2,123,325

ENGINE WITH RADIALLY ARRANGED WORKING CYLINDERS AND PISTON SCAVENGING PUMPS

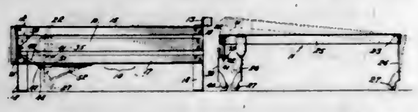
Ignaz Zeissl, Vienna, Austria

Application October 21, 1936, Serial No. 106,881
In Austria October 24, 1935
2 Claims. (Cl. 123—55)



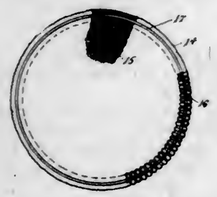
1. An engine having a set of radially arranged working cylinders and a set of radially arranged scavenging cylinders each co-operating with one of the working cylinders, pistons reciprocating in the cylinders, and a passage connecting each scavenging cylinder with the corresponding working cylinder, with one port in the scavenging cylinder and two piston-controlled ports in the working cylinder, of which one opens into the combustion space of the cylinder and the other opens into the lower part of the cylinder below the piston.

2,123,326
BED STRUCTURE
Joseph Basile, New York, N. Y., assignor to Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y., a corporation of New York
Application December 14, 1932, Serial No. 647,086
13 Claims. (Cl. 5—18)



12. In a bed structure, the combination of two telescoping bed frames, a carrier member separate from the frames, means detachably connecting the carrier member with one of the frames for horizontally acting on that frame, and means mounted on the other frame and connected with the carrier member for automatically acting on the carrier member to cause it to thus act and to move the frame acted on to a position outwardly and clear of the other frame to provide a double bed, in which position the frame acted upon is separable from the carrier member at will.

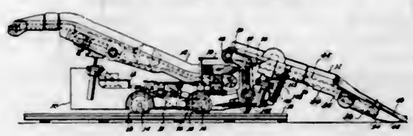
2,123,327
STRAINER
Max G. Biberthaler, Meriden, and Wesley R. Becher, Wethersfield, Conn., assignors to The Silex Company, Hartford, Conn., a corporation of Connecticut
Application January 6, 1937, Serial No. 119,254
6 Claims. (Cl. 210—162)



1. A strainer for coffee makers comprising a disc of cloth material, elastic means adjacent the edge thereof and extending substantially around said disc, and a series of over-edge stitches extending substantially around the said edge and in contact with said elastic means for securing the said means to said sheet whereby the said means will normally draw the said edge towards the center of said disc.

2,123,328
GATHERING AND LOADING MACHINE
Frank Cartlidge, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Original application July 26, 1933, Serial No. 682,248, now Patent No. 2,066,137. Divided and this application April 4, 1934, Serial No. 718,924
2 Claims. (Cl. 198—8)

1. In a loading machine, a main frame, a swinging frame mounted on said main frame for pivotal movement about a vertical axis, an inclined conveyer mounted on said swinging frame for pivotal movement with respect thereto about a horizontal transverse axis, a shaft mounted in said swinging frame beneath and parallel to the axis of pivotal movement of said conveyer, means driven from said shaft for swinging said swinging frame, other means driven from said shaft for elevating said inclined conveyer about said transverse axis, a pair of operating levers disposed adjacent one side of said main frame for independently controlling swinging and elevation of said conveyer, a conveyer drive shaft disposed coaxial with the axis of pivotal movement of said conveyer, a drive connection between said shafts including a driving member coaxial with said conveyer drive shaft disposed adjacent the end thereof opposite said operating levers, a driven member keyed to said



conveyer drive shaft, friction means interposed between said driving and driven members and a spring for engaging said friction means with said driving member and arranged to permit slippage between said driving and driven members upon a predetermined load on said shaft, and means operable from the same end of said shaft as said first-mentioned control levers for permitting said friction means to be selectively disengaged from said driving member comprising a rod extending through said shaft and means for translationally moving said rod against said spring.

2,123,329
SUPPORT
William J. Combs and Oscar O. Mann, Otterbein, Ind
Application January 21, 1938, Serial No. 186,216
3 Claims. (Cl. 189—26)

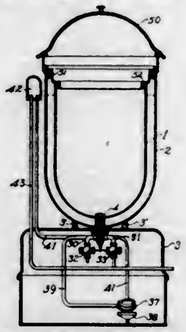


1. A support comprising a lower socket portion having a cap removably secured thereon, and having an angular slot in its upper end, a load-bearing post having an angular cross section of the same shape as the said angular slot, said post being extended thru said slot into the interior of the said socket, means for securing the said cap on the said socket portion, means for positioning the said post vertically in the said socket portion, and means cooperating with said last named means for preventing removal of the said cap-securing means.

2,123,330
PALLADIUM ALLOY
Otto Feussner, deceased, late of Hanau-on-the-Main, Germany, by Natalie Feussner, administratrix, Hanau-on-the-Main, Germany, and Alfred Jedele, Hanau-on-the-Main, Germany, assignors to W. C. Heraeus Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany, a corporation of Germany
No Drawing. Original application July 14, 1932, Serial No. 622,568. Divided and this application June 11, 1936, Serial No. 84,719. In Germany July 15, 1931
7 Claims. (Cl. 148—32)

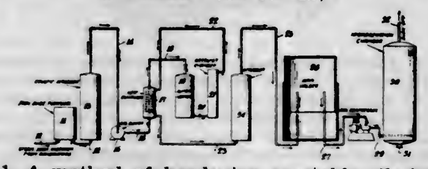
1. An age hardening alloy substantially consisting of about 60 to 40% of palladium, 20 to 48% of silver, 8 to 18% of gold, and not less than 2 nor more than 10% of a constituent selected from the metals of the iron group (iron, cobalt, nickel).

2,123,331
COFFEE MAKER
Edward Fromwiller, Brooklyn, N. Y.
Application November 11, 1935, Serial No. 49,193
2 Claims. (Cl. 220—14)



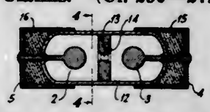
1. In a device of the character described, two containers one inside the other and means to maintain said containers in spaced relation, said means comprising an internally threaded cap having an internally threaded extension thereon, an externally threaded pipe screwed into said internally threaded cap and having a flange thereon and an externally threaded nipple screwed into said externally threaded extension and having a flange in proximity to said first named flange when the parts are assembled.

2,123,332
METHOD FOR PRODUCING EDIBLE SUBSTANCES
Truman M. Godfrey, Winchester, and William J. Paterson, Chestnut Hill, Mass., assignors to Lever Brothers Company, a corporation of Maine
Application May 4, 1934, Serial No. 723,838
2 Claims. (Cl. 87—12)



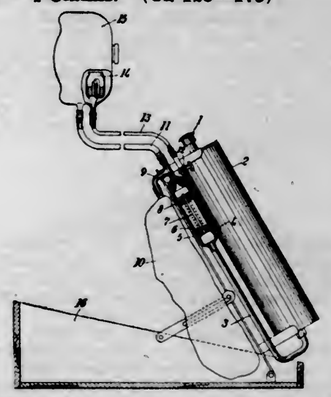
1. A method of hardening vegetable oils into plastic fats with an ultra-purified steam-iron hydrogen gas, which method comprises maintaining said oils under pressure at a temperature of not over 180° C. and in contact with a metallic hydrogenating catalyst, and introducing an ultra-purified steam-iron hydrogen gas into said oil, said steam-iron hydrogen having a purity that is obtained by purification with iron oxide and a caustic solution followed by ultra-purification obtained by passing it in a heated condition under pressure over a metallic catalyst selected from a group consisting of nickel, nickel-iron, nickel-chromium, and nickel-aluminum mixtures while said catalyst is heated to a temperature of approximately 200–500° C., whereby the formation of solid unsaturated fatty compounds is suppressed, yielding a product of greater plasticity for a given degree of saturation.

2,123,333
LIGHTNING ARRESTER
Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application June 21, 1935, Serial No. 27,677. Divided and this application March 30, 1937, Serial No. 133,764
7 Claims. (Cl. 250—27.5)



1. A lightning arrester for protecting circuits where the strength and duration of excess voltage is normally greater than the normal instantaneous breakdown voltage in the arrester comprising a tubular insulating housing, said housing being divided into two separate chambers by a metallic disc member, a spherical electrode within each chamber, a metallic closure member at each end of said housing, a connection between each of said electrodes and said metallic closure member, said metallic disc member located substantially central within said housing, and said metallic member having an aperture located on the same axis as said spherical electrodes for gaseous fluid communication between said electrodes.

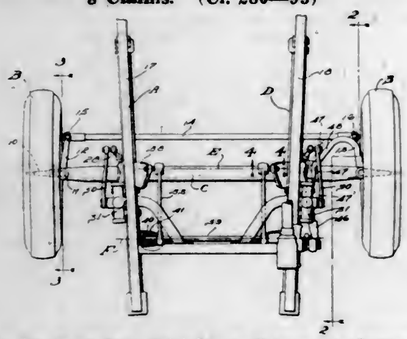
2,123,334
INHALING APPARATUS
Max Hausmann, Berlin-Zehlendorf-Mitte, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application December 31, 1936, Serial No. 118,481
In Germany January 15, 1936
4 Claims. (Cl. 128—173)



1. An inhaling apparatus comprising a source of gas, a gas mask fitted with at least two gas

supply pipes, a device adapted to receive and to atomize a liquid medicament and operatively connected with one of said gas supply pipes to produce atomization of said medicament by the gas supplied therethrough, a gas supply pipe leading away from said source of gas and dividing into two branch pipes, one of said branch pipes, by way of an interposed valve, being connected with said gas pipe supplying the atomizing gas current, and the other of said branch pipes connecting, through a reducing valve which is adjustable in respect of pressure, with another of said gas supply pipes.

2,123,335
MOTOR VEHICLE
Alexander G. Herreshoff, Grosse Pointe Village, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application June 5, 1935, Serial No. 25,072
8 Claims. (Cl. 280—95)

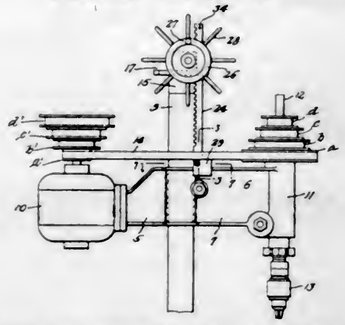


1. In a motor vehicle, a frame structure, a steering ground wheel at each side of the vehicle, an axle mounting said wheels, springs yieldingly supporting said frame from said axle, radius rods extending generally longitudinally of the vehicle, steering gear including a swinging pitman arm, a link pivotally connected at one end thereof to said pitman arm, a steering knuckle arm for one of said wheels pivotally connected to the other end of said link, a steering knuckle arm for the other of said wheels, means for imparting steering movement to the last said steering knuckle arm in response to steering movement of the first said steering knuckle arm, means for pivotally connecting one end of said radius rods with said axle for pivotal movement on an axis substantially containing the point of pivotal connection between said link and the first said steering knuckle arm, and means for pivotally supporting the other ends of said radius rods from said frame structure, said radius rod supporting means comprising a stabilizer bar extending transversely of the vehicle between the last said ends of said radius rods.

2,123,336
MEAT PROCESSING
Fernand Kabus, Chicago, Ill., assignor to The Angostura Wuppermann Corporation, New York, N. Y., a corporation of New York
No Drawing. Application January 29, 1936, Serial No. 61,307
2 Claims. (Cl. 99—159)

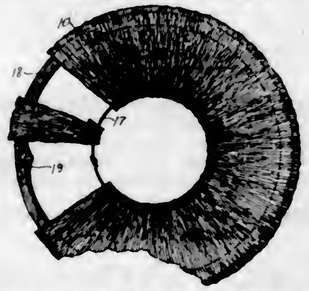
1. The method of producing processed meat which comprises subjecting raw meat stock to a chopping or grinding operation in the presence of a curing compound, incorporating into the meat stock, after the curing operation is completed, at least one spice, and thereafter mixing with the meat stock at least one bitter substance in solution and at least one aromatic substance in solution.

2,123,337
SAFETY DRILL PRESS
John Kosman and Joseph Alterman, Brooklyn, N. Y.
Application December 28, 1936, Serial No. 117,989
Renewed May 20, 1938
3 Claims. (Cl. 77—28)



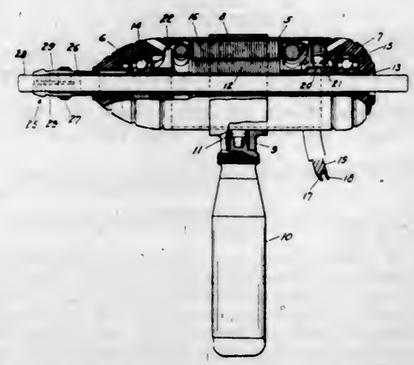
1. A drill press comprising a post, a beam horizontally disposed and rotatably mounted on the post, a motor mounted on one end portion of the beam, a drill head mounted on the opposite end of the beam, drive means between the motor and the drill head, a vertically disposed rack secured to the beam, a swivelled member at the upper end of the post, a shaft mounted for rotation on the swivelled member, a pinion on the shaft, said pinion meshing with the rack, and a pivotal dog mounted on the swivelled member and engaged with the rack.

2,123,338
STEEL WOOL PAD
Elmer R. Martin, Springfield, Ohio, assignor to The Williams Company, London, Ohio, a corporation of Ohio
Application December 30, 1935, Serial No. 56,648
5 Claims. (Cl. 15—230)



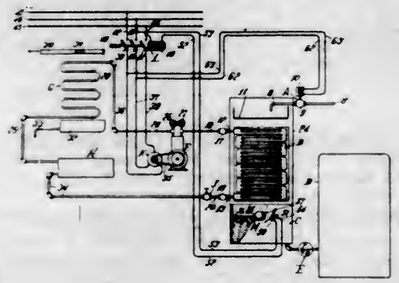
1. A steel wool pad for floor surfacing machines comprising an annulus composed of layers of steel wool ribbon with strands thereof disposed radially and having loop portions at the peripheral edge and at the inner edge, tie means extending through the loop portions at the inner edge, and means carried by the annulus and extending within the loop portions at the peripheral edge for increasing the thickness of the peripheral edge portion thereof as compared to the inner edge portion.

2,123,339
ELECTRIC ERASING MACHINE
Louis J. Misuraca, Glendale, Calif.
Application February 24, 1936, Serial No. 65,403
6 Claims. (Cl. 120—36)



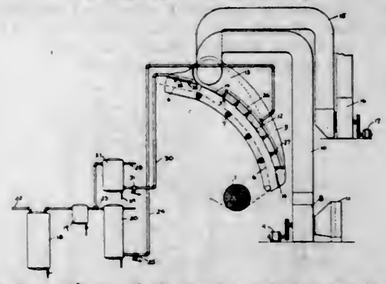
4. An erasing machine comprising a motor having an axial bore therethrough adapted to serve as a magazine for an elongated abrasive element and means for releasably effecting a driving connection between said motor and said element and which, when released, permits longitudinal adjustment of said element through said bore and said means.

2,123,340
LIQUID CONDITIONING SYSTEM
Harry G. Mojonnier, Oak Park, Ill., assignor to Mojonnier Bros. Co., a corporation of Illinois
Application August 30, 1937, Serial No. 161,533
4 Claims. (Cl. 257—2)



3. A liquid conditioning system comprising a heat exchange element arranged to bring a liquid to be treated and a liquid conditioning medium into heat exchange relation to each other, a liquid supply means for delivering the liquid to be treated to said element, means for receiving and holding said liquid after being treated by said element, the liquid thus held serving as a supply of conditioned liquid which may be drawn upon as needed, a medium supply means for delivering the heat exchange medium to said element, a first electromagnetically operated device for controlling the operation of said liquid supply means, a second electromagnetically operated device for controlling the operation of said medium supply means, electric circuits and connections operative to actuate said second device, and other electric circuits and connections for operating said first device in response to the operation of said second device.

2,123,341
DRYING METHOD AND APPARATUS
Bernard Offen, Chicago, Ill.
Application November 26, 1935, Serial No. 51,563
3 Claims. (Cl. 34—24)

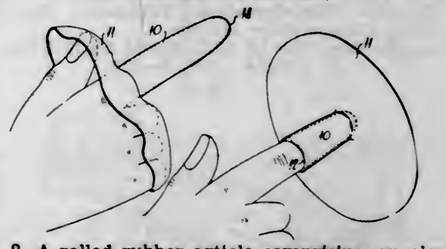


1. A method of drying a printed surface of a web consisting in passing the web through a confining hood, discharging a main volume of air within the hood in a condition capable of effecting drying of a freshly printed surface, discharging a secondary smaller volume of air within the hood at a velocity much greater than that of the velocity of discharge of the main volume, the secondary volume being directed at the web to break up film forming at the printed surface.

2,123,342
HYDROGENATION OF FATTY OILS
William J. Paterson, Chestnut Hill, Mass., assignor to Lever Brothers Company, a corporation of Maine
No Drawing. Application October 10, 1935, Serial No. 44,392
7 Claims. (Cl. 87—12)

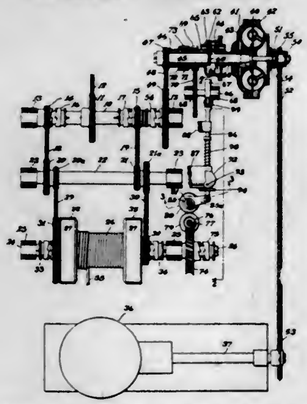
1. A hydrogenation catalyst capable of effecting the selective step-wise hydrogenation of vegetable oils herein disclosed and suppressing the formation of iso-oleic acid, which catalyst consists of electrolytic nickel substantially free from sulphides, said nickel being prepared from electrolytically precipitated nickel hydroxide which is subsequently converted into catalytically active metallic nickel by heat and contact with hydrogen gas.

2,123,343
SANITARY COVER FOR A BODY ORGAN
Earl F. Rightsell, Durham, N. C.
Application February 8, 1937, Serial No. 124,600
2 Claims. (Cl. 2—21)



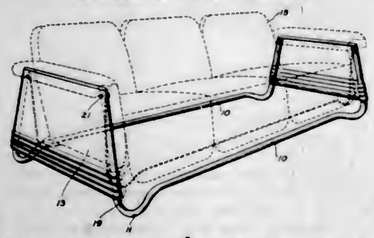
2. A rolled rubber article comprising an elongated sack having an open end and a closed end and having an annular base portion whose inner edge is integral with the open end of the sack, the sack being telescoped so that its closed end protrudes slightly through the open end of the sack and the telescoped portion of the sack being rolled to where the rolled portion lies adjacent one side of the base portion.

2,123,344
MEANS FOR USE IN THE ROTARY DRILLING OF BORE HOLES
Lewis William Rogers, London, England, assignor to Hydraulic Coupling Patents Limited, London, England, a company of Great Britain
Application March 18, 1937, Serial No. 131,602
In Great Britain March 19, 1936
16 Claims. (Cl. 255—19)



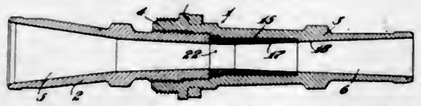
1. Apparatus for use in the rotary drilling of bore holes, comprising a driving member adapted to rotate continuously, means for imparting rotary motion to a string of drill pipes, a hydraulic coupling having an impeller element connected to said driving member and a runner element connected to said means for rotating the drill pipes, said coupling being of the kinetic type in which the slip between said elements increases with increase of torque transmitted therethrough and thus serving to limit the torque that can be applied to the drill pipes, a feeding mechanism which can be engaged to feed said drill pipes at a rate which is independent of the gravitational load imposed by said drill pipes on said feeding mechanism, and a control device, responsive to variations in the relative speed of said coupling elements, and capable of regulating said feeding mechanism so as to reduce the rate of feed of the drill pipes in consequence of an increase in said relative speed.

2,123,345
GLIDER FRAME STRUCTURE
Louis Vavrik, Rossford, Ohio, assignor to The Hettrick Manufacturing Company, Toledo, Ohio, a corporation of Ohio
Application May 10, 1937, Serial No. 141,616
10 Claims. (Cl. 5—129)



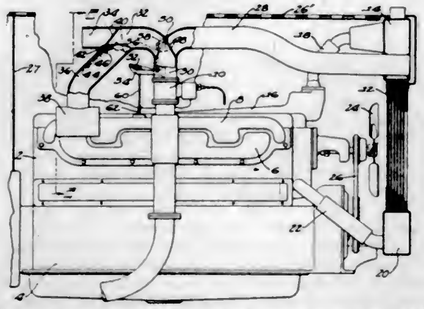
1. A glider frame comprising a pair of separate laterally spaced substantially U-shaped members, an end panel for each end of the frame detachably engaging respectively the adjacent ends of said members, and means for holding said end panels and U-shaped members in assembled relation, the space between said end panels being free to afford swinging movement of the glider.

2,123,346
STEAM JET PUMP
Frederick W. Walch, Newton Center, Mass., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey
Application March 10, 1937, Serial No. 130,053
3 Claims. (Cl. 103—278)



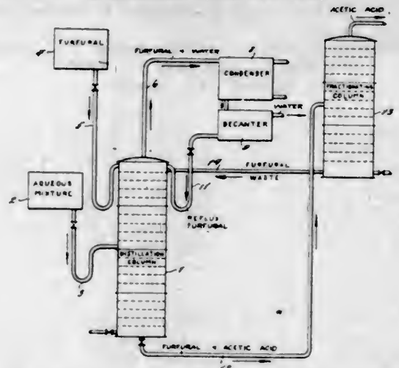
1. A forcer tube for injectors comprising a combining tube section and a delivery tube section, said sections having converging and diverging bores, respectively, disposed with their smaller ends adjacent to each other and collectively forming a passage devoid of lateral outlets from its receiving to its delivery end, the delivery tube section having integral attaching means for cooperation with complemental attaching means of an injector casing thereby to support the entire tube structure in the casing, the bore of the delivery tube section being enlarged at its rear part to provide a liner receiving chamber, said chamber being enlarged in diameter twice in succession at its rear end, and a tubular liner of hard, wear-resistant material disposed in said chamber, said liner having a bore which comprises a cylindrical rear portion and a forwardly flaring front portion and which merges smoothly with the inner wall of the delivery tube proper, the external configuration and dimensions of the liner being such that it can be entered into the receiving chamber only when the wider end of its bore is directed forwardly, the forward end of the combining tube being housed in the rearward enlargement of the bore of the delivery tube and abutting the rear end of the liner.

2,123,347
INTERNAL COMBUSTION ENGINE
Marsden Ware, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application March 11, 1935, Serial No. 10,370
4 Claims. (Cl. 123—122)



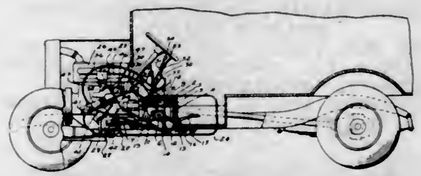
1. In an internal combustion engine, air feeding means for a carburetor comprising a main supply pipe leading to the carburetor, an inlet pipe leading to said main supply pipe and open to atmosphere, another inlet pipe leading to said main supply pipe for supplying air having two relatively different ranges of temperature, valve means for controlling the relative proportions of air flowing from the two inlet pipes to the main supply pipe, and means responsive to the engine temperature for adjusting said valve means, said valve means regulating the proportion of air entering the main supply pipe from said inlet pipes to control the air temperature entering the carburetor inversely to the engine temperature variance.

2,123,348
PROCESS FOR DEHYDRATION OF AQUEOUS ACETIC ACID
Theodore O. Wentworth, Cincinnati, Ohio
Application December 16, 1936, Serial No. 116,110
4 Claims. (Cl. 202—42)



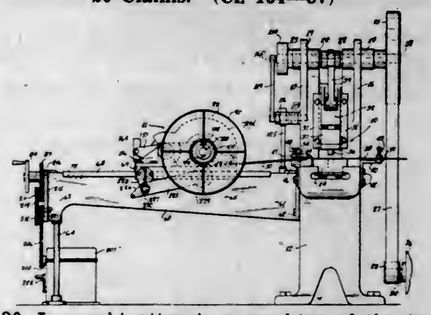
1. In the process of dehydrating aqueous acetic acid by an azeotropic distillation thereof in a column still, the steps of introducing furfural as the water entraining agent, condensing the water and furfural distilled over the top of the column, decanting the condensate and returning the furfural to the head of the column as reflux, and adding an additional amount of furfural to the head of the column as additional reflux, above that required for the azeotropic mixture and sufficient to hold down the acid to produce substantially acid-free water at the top of the column.

2,123,349
VEHICLE CONTROL APPARATUS
Benjamin F. Wright, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application December 17, 1930, Serial No. 503,036
17 Claims. (Cl. 192—.01)



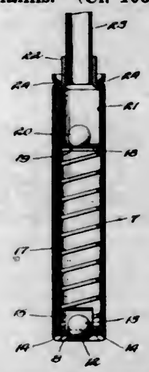
1. In combination a plurality of control mechanisms including clutch, brake and fuel feeding mechanisms; actuating apparatus for each of said control mechanisms respectively including an operating member; and means for releasably locking said brake mechanism in an applied position when said operating member is in a predetermined position.

2,123,350
STRIP FEEDING MECHANISM
Gordon R. Anderson, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois
Application August 15, 1936, Serial No. 96,192
20 Claims. (Cl. 164—87)



20. In combination in a machine of the type described for producing an armature core assembly or the like from a strip of slotted core-forming material, a rotatable strip winding element, a movable carriage supporting said winding element, operating means for said element including a ratchet and pawl assembly adapted for imparting to the element a step-by-step, unidirectional rotation, and mechanism functionally responsive to said operating means, and including a gear train, adapted for effecting a linear movement of said carriage coordinately with the rotation of the winding element.

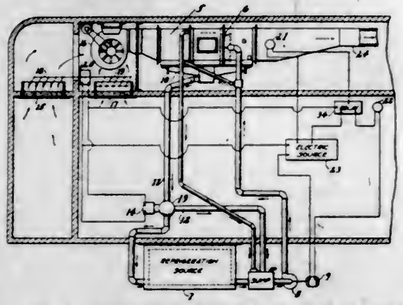
2,123,351
SPRAY PUMP
Rudolph Bernhardt, Chicago, Ill.
Application April 30, 1936, Serial No. 77,217
2 Claims. (Cl. 103—188)



1. In a spray pump, the combination of a cylinder formed of sheet metal having an integrally formed closed end adapted to rest upon the bottom of a receptacle from which liquid is to be pumped, said end extending upwardly into the cylinder and having an inlet opening therein, radial passageways around the end, a valve engaging with said opening, a valve retainer over said valve, a spring engaging with said retainer, a washer engaging with the opposite end of the spring, a tubular piston formed of sheet metal fitting closely within the cylinder and having its lower end engaging with said washer, projections at the top of the cylinder for holding the piston in engagement with the cylinder, said piston hav-

ing a reduced tubular upper end, a hollow piston rod having its lower end fixed in said reduced upper end, and a discharge nozzle for said rod.

2,123,352
AIR CONDITIONING SYSTEM UTILIZING REFRIGERATION
Charles Everett Blanchard, Randolph, Mass., assignor to B. F. Sturtevant Company, Boston, Mass.
Application July 8, 1937, Serial No. 152,559
9 Claims. (Cl. 62—129)



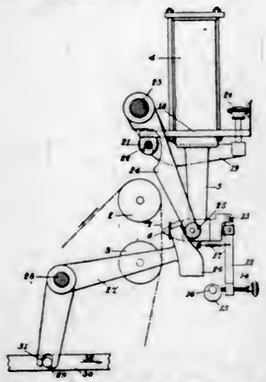
1. Air conditioning apparatus comprising a spray cooler, means for passing outside air through said cooler, pumping means for circulating water to and from said cooler, means for discharging the air to be conditioned into the space to be served, means responsive to the temperature in said space for energizing said pumping means when the temperature in said space increases above a predetermined point, cooling means for cooling said water, means responsive to the temperature of the air discharged by said cooler for initiating the operation of said cooling means when the temperature of the air discharged by said cooler is above a predetermined point, and means for delaying the action of said last mentioned means for a predetermined period after said pumping means is energized.

2,123,353
INHALER
Samuel George Catt, London, England
Application April 2, 1936, Serial No. 72,375
In Great Britain April 6, 1935
3 Claims. (Cl. 128—198)



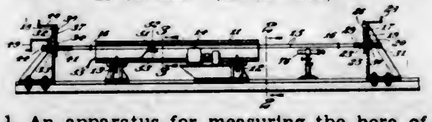
2. An inhaling device comprising a vessel for containing hot liquid, a stopper therefor having a medial passage and an air vent, a porous cartridge and a holder therefor, said holder comprising a nasal mask, said mask having a rim, said rim including rigid pressure-distributing side facial portions of such width as to provide a surface contact of substantial area with the face at each side of the nose, and an upper portion extending beyond said side facial portions which is sloped forwardly from said side portions to bridge the nose and conform closely therewith when said side facial portions are pressed into the flesh, and a tubular housing depending from the lower portion of said mask, said housing for containing the said cartridge being positioned so as to come substantially into alignment with the nostrils when the inhaler is in use, said cartridge being a rigid block of porous material having passages therethrough so that inhalation can take place therethrough with a natural breathing action, said tubular housing being adapted to be fitted into the medial passage in said stopper.

2,123,354
COATING SIZE ON A PAPER STRIP
Gaston Corse, Paris, France, assignor to Société dite "Anciens Etablissements L. Chambon", Paris, France
Application February 9, 1934, Serial No. 710,543
In France February 17, 1933
1 Claim. (Cl. 91—12)



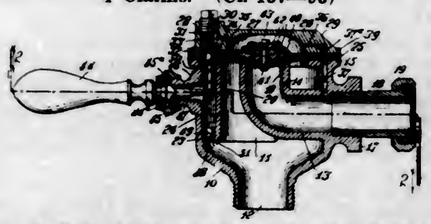
An apparatus for coating a strip of paper with gum or the like comprising a nozzle for discharging said gum, means for supporting said nozzle while at the same time permitting freedom of movement from and toward said strip, a valve cooperating with said nozzle controlling the discharge of gum, means normally urging said valve to closed position, a control member for said valve and an abutment located at a fixed distance from said strip and at a position where said control member will contact the same when said nozzle is almost in contact with the strip so that upon contact of said control member against said abutment said valve will be opened.

2,123,355
MEASUREMENT OF ECCENTRICITY OF HOLLOW SHAFTING
Edwin Ross Feehrer and Walter G. Kuhnert, Steelton, Pa., assignors to Bethlehem Steel Company, a corporation of Pennsylvania
Application April 15, 1936, Serial No. 74,434
13 Claims. (Cl. 33—178)



1. An apparatus for measuring the bore of a hollow shaft comprising supporting means adapted to be positioned interiorly of the bore of a shaft, measuring and indicating means movably mounted on said supporting means, anchor means positioned externally of the shaft for holding said supporting means in operative position within the shaft, means for supporting the shaft and rotating means for changing the operative positions of said measuring and indicating means and said shaft relative to each other.

2,123,356
FLUSH VALVE
William Glynn, Chicago, Ill.
Application May 8, 1936, Serial No. 78,614
4 Claims. (Cl. 137—93)



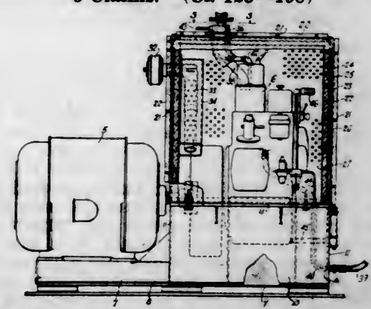
1. A flush valve comprising a main shell defining a chamber provided with an outlet in its bottom; a water inlet whose orifice is disposed upwardly in the chamber; an auxiliary chamber provided with an air port and with an outlet in its bottom; a check-valve for said outlet closable against upward flow through said outlet; a top member adapted to be removably secured on the shell and formed to provide a chamber above the water inlet; a flexible diaphragm adapted to be clamped in place between said top member and the main shell and to seat on the water inlet orifice; a valve chamber in the top member adapted to have communication with the auxiliary chamber and arranged in communication with the chamber in said top member; a by-pass between the water inlet and the chamber in said top member; a loosely mounted valve intermediate of said valve chamber and said auxiliary chamber adapted to control the communication between the chamber in the top member and said auxiliary chamber; and an operating lever for moving said loosely mounted valve off its seat.

2,123,357
NIPPERS FOR SKIN AND FINGERNAILS
Carl Gustav Grah and Paul Giesen, Solingen, Germany
Application July 3, 1936, Serial No. 88,802
In Germany December 23, 1935
3 Claims. (Cl. 30—28)



1. Skin and nail nippers opening automatically by spring action and comprising in combination crossing arms pivotally connected at the point of intersection, a plate spring attached to and extending from the lower portion of one of said arms, the second arm of said nippers having an inwardly and downwardly directed projection forming at the face located opposite the first arm a sliding surface for the free end of said spring when the nippers are in their operative position, said projection having a means for removably attaching the free end of said spring thereto, said free end of the spring being slightly curved in the direction to the pivot of the nippers.

2,123,358
ENGINE SILENCING HOOD
Fritz Paul Grutzner, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois
Application January 29, 1937, Serial No. 122,928
5 Claims. (Cl. 123—198)



1. A silencing hood for stationary internal combustion engines comprising a perforated inner casing member, an imperforate outer casing member paralleling said inner member, an intermediate shell spaced between said inner casing member and shell, and sound-absorbing material filling the space between the inner casing member and shell, said hood being divided at a vertical, longitudinal medial plane into paired, complemental sections, and means detachably securing said sections together.

2,123,359
PIEPAN
Ethel O. Hallmark, Pasadena, Calif.
Application July 8, 1937, Serial No. 152,634
2 Claims. (Cl. 53—6)



1. A pie pan comprising a bottom having an upstanding side wall, a divider free of attachment to and resting removably on said bottom, said divider consisting of rigidly joined radial arms whose outer ends abut said side wall, said arms being hollow and being open at their outer ends and at their lower sides, said bottom being provided with apertures under said arms communicating with the interiors of the latter, said side wall being provided with apertures at the outer ends of said arms and communicating with the interiors of the latter, all of said apertures serving to conduct heat into said arms, and means for holding said divider against turning out of communication with said apertures without interfering with removal of said divider.

2,123,360
APPARATUS FOR OBTAINING LINEAR MEASUREMENTS
William E. Harris, Cincinnati, Ohio, assignor of one-half to John D. Powell, Cincinnati, Ohio
Application June 10, 1936, Serial No. 84,505
1 Claim. (Cl. 33—141)

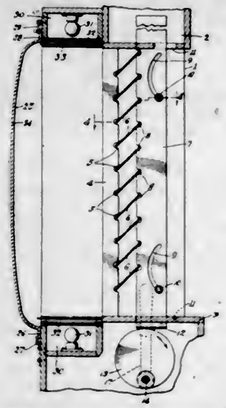
In a portable device for measuring and indicating linear distances having a frame, a hand

grip formed in connection with said frame at one end thereof, a freely rotatable surface engaging wheel carried by said frame, a pin extending laterally from said wheel and movable therewith, a roller carried by said pin, and a counter mechanism carried by said frame, said counter mechanism being provided with a rocking shaft, an arm secured to the outer end of said rocking shaft, a flexible engaging element



secured to the outer end of said arm and projecting into the path of movement of said roller whereby rotation of said wheel will impart motion to said arm through contact with said engaging element, whereby when the arm secured to the rocking shaft reaches the limit of its movement, continued motion of the pin will flex the engaging element without strain on the arm until the pin passes thereover.

2,123,361
DISPLAY DEVICE
Henry L. Hollis, Chicago, Ill.
Application July 5, 1935, Serial No. 29,870
6 Claims. (Cl. 240—10)



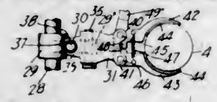
1. An ornamental light device comprising a casing having an open front wall defining the light aperture of the device, a light source positioned within the casing and outside of the projected outline of the light aperture, means for directing said light through the open front wall of the casing, a diffusing grill positioned in said open front wall and comprising a plurality of spaced light reflecting and transmitting strips positioned transversely of the light aperture and inclined in the direction of the light beam passing through said aperture, whereby to present appreciable surface areas to the light flux to thoroughly diffuse the same in passing from said casing.

2,123,362
MEANS AND METHOD OF SHIPPING AUTOMOBILE BODIES
Fred A. Isaacson, Topeka, Kans.
Application October 2, 1936, Serial No. 103,686
31 Claims. (Cl. 105—368)



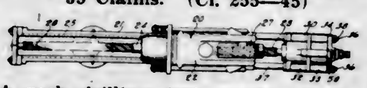
1. Means for shipping automobile bodies comprising, in combination with a closed transporting vehicle, an upstanding floor rail disposed lengthwise of the vehicle; a depending ceiling rail disposed lengthwise of the vehicle; body supporting frame structures provided at one of the ends with slide plates adapted to slide lengthwise on one side of the base of the floor rail, while the other ends of said frame structures are provided with ceiling rail engaging portions, said frames being adapted to be positioned on opposite sides of the ceiling rail and the floor rail in opposing relation whereby automobile bodies are supported in vertical position and in bottom to bottom relation on opposite sides of the floor and ceiling rails; and means whereby the opposing frame structures are locked to each other and in place.

2,123,363
BOTTLE TRANSFER DEVICE
William Abbott Joplin, Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y., a corporation of Delaware
Application December 21, 1936, Serial No. 116,949
7 Claims. (Cl. 214—1)



1. The combination with a conveyor provided with retainers adapted to carry bottles in an inverted position and a bottle transporting conveyor adapted to carry bottles in a filling position, of a rock shaft, an arm extending radially therefrom and comprising two members, a spring hinge between the members, bottle gripping means comprising two pivoted members spring held together and carried by the outer hinged member, means for rocking the rock shaft, and means for holding the outer hinged member in a horizontal position until the bottle engaged by the gripping members is raised clear of its retainer, and means for opening the gripping means at each end of the rocking stroke.

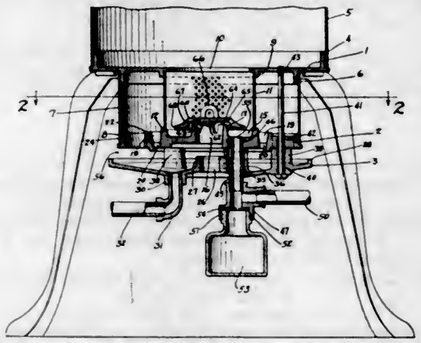
2,123,364
AUTOMATIC FEED FOR ROCK DRILLS
August H. Katterjohn, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey
Application September 1, 1934, Serial No. 742,372
35 Claims. (Cl. 255—45)



1. A rock drilling device comprising a fixed support having longitudinally extending guideways, a drill mounted thereon and adapted to reciprocate in said guideways, said drill having

a reciprocating hammer piston therein adapted to impart to the drill longitudinal jars in opposite directions, a longitudinally extending feed member for said drill, means for coupling the feed member to the drill to adapt the feed member to vibrate in unison with the drill, one end of the feed member being supported on said support by means permitting limited longitudinal movement of the feed member relative to the support and means carried by the support and responsive to longitudinal vibrations of the feed member for moving said feed member in a direction to advance the drill.

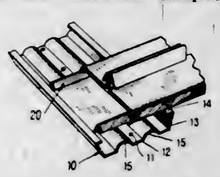
2,123,365
BURNER
Maurice H. Keating and Albert T. Larson, Minneapolis, Minn., assignors to H. D. Hudson Manufacturing Company, Chicago, Ill., a corporation of Minnesota
Application October 8, 1934, Serial No. 747,392
8 Claims. (Cl. 158—91)



1. A burner comprising three superposed spaced plates, a top plate, a middle burner plate and a lower plate, each having a central opening, said openings being vertically aligned, said middle plate having on its upper side an oil-burning cup circumscribing the central opening, a perforate drum rising from and circumscribing the cup and forming therewith and with the upper plate a flame chamber, a second drum spaced outwardly from and surrounding the first and also held between said middle and top plates, said middle plate having an over-flow channel adjacent and circumscribing said cup and disposed outwardly from said perforate drum, said channel having openings leading downwardly through its bottom, said middle plate having elongated arcuate air intake openings leading downwardly therethrough and located between said over-flow channel and the outer drum, said bottom and middle plates being so spaced as to provide a circumferential air intake opening, said middle plate having an upstanding flange which in part defines the central opening, a cap supported by said flange, and spaced therefrom and from said cup to establish air communication between the opening and the cup, and an overflow pipe leading from the bottom plate.

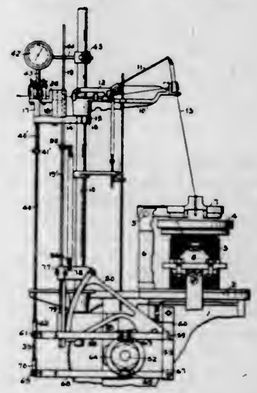
2,123,366
STRUCTURAL SUPPORT
Gustav H. Kehr and Fred J. Ertel, Brooklyn, N. Y., assignors to Charles H. Uhlig, Brooklyn, N. Y.
Application December 23, 1936, Serial No. 117,252
3 Claims. (Cl. 189—34)

1. Structural supporting apparatus comprising in combination, a ground member adapted to be secured to a fixed support, upstanding inclined flanges on said ground member, at least one of said flanges terminating in an overhanging abruptly ending edge, a stringer member shaped like said ground member but being reversed in position as used and being provided with outstanding portions adapted to carry a load, and a flanged connector member shaped to fit the



flanged portions of said ground and stringer members, the flanges of said connector member being inclined and turned over to form abrupt overhanging edges whereby the connector member may be snapped laterally into engagement with and securely locked with said ground and stringer members at any point along the lengths thereof.

2,123,367
YARN GAUGING MECHANISM
Robert H. Lawson, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application June 12, 1935, Serial No. 26,222
In Canada June 16, 1934
5 Claims. (Cl. 66—125)

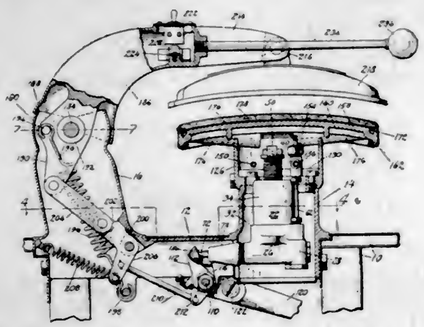


1. A method of measuring yarn consisting in causing the yarn to be twisted and intermittently advanced and determining the cross-section or diameter of the yarn between movements of the yarn and while the same is twisted.

2,123,368
IRONING MACHINE
Erwin F. Loweke and Harvey C. Swift, Detroit, Mich., assignors to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application September 22, 1933, Serial No. 690,620
32 Claims. (Cl. 38—25)

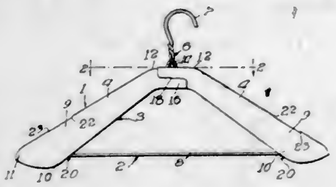
1. An ironing machine comprising a head movable manually into operative position, means for locking the head in operative position, a reciprocatory buck cooperating with the head, fluid pressure means for actuating the buck, means operated manually for actuating the fluid pres-

sure means including means for unlocking the locking means, and means effective upon unlock-



ing the locking means to move the head to inoperative position.

2,123,369
GARMENT HANGER
William G. Luecke, Chicago, Ill.
Application July 6, 1936, Serial No. 89,146
8 Claims. (Cl. 223—88)



1. In a garment hanger of the kind described a hanger formed of wire to provide two oppositely extending and downwardly inclined supporting parts, their lower ends integrally connected by a horizontally extending part, and the wire formed into a suspension hook extending above the connection of the two inclined parts, in combination with an extended surface member, formed to fit within the upper part of a man's coat or woman's dress and retain it, when hung thereon, in proper extended shape, the extended surface member having a central opening enabling it to be applied to the wire hanger by passing the suspension hook therethrough, and also provided with tongues partly severed from the main body and spaced inwardly from its outer ends provided with openings for receiving both the inclined and horizontal parts of the wire hanger as and for the purpose specified.

2,123,370
PROCESS FOR THE MANUFACTURE OF AMMONIUM DITHIOCARBAMATE
Roger A. Mathes, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application September 30, 1937, Serial No. 166,586
19 Claims. (Cl. 260—112)

1. A process for the manufacture of ammonium dithiocarbamate which comprises interacting carbon disulfide and ammonia in the presence of a ketone.

2,123,371
PROCESS FOR THE MANUFACTURE OF AMMONIUM DITHIOCARBAMATE
Roger A. Mathes, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application September 30, 1937, Serial No. 166,587
12 Claims. (Cl. 260—112)

1. A process for the manufacture of ammonium dithiocarbamate which comprises reacting carbon disulfide and ammonia in a member of the group consisting of cyclic ethers and poly ethers of the glycols.

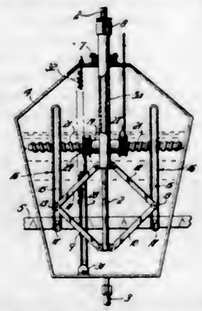
2,123,372
PROCESS FOR THE MANUFACTURE OF AMMONIUM DITHIOCARBAMATE
Roger A. Mathes, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application September 30, 1937, Serial No. 166,588
7 Claims. (Cl. 260—112)

1. A process for the manufacture of ammonium dithiocarbamate which comprises interacting ammonia and carbon disulfide in the presence of a liquid, aromatic nitro compound.

2,123,373
PROCESS FOR THE MANUFACTURE OF AMMONIUM DITHIOCARBAMATE
Roger A. Mathes, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application September 30, 1937, Serial No. 166,589
13 Claims. (Cl. 260—112)

1. A process for the manufacture of ammonium dithiocarbamate which comprises interacting ammonia and carbon disulfide in the presence of a stable, liquid hydrocarbon-nitrile.

2,123,374
APPARATUS FOR VARYING THE STROKE OF PUMP RODS AND THE LIKE
Ernest Francis Naismith McGauchie, Quarry Hill, Bendigo, Victoria, Australia
Application September 13, 1937, Serial No. 163,682
In Australia September 19, 1936
12 Claims. (Cl. 74—110)

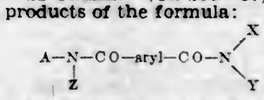


1. Apparatus for varying the stroke of pump rods or like reciprocating members having driving and driven sections, comprising a deformable parallelogram of links connected at or near two opposite corners to said driving and driven sections respectively, and adjustable means connected to said links for deforming said parallelo-

gram whereby the length of the stroke of the driven section may be varied in relation to that of the driving section.

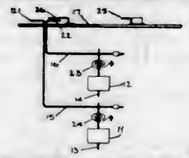
2,123,375
ANTHRAQUINONYL AMIDES OF AROMATIC DICARBOXYLIC ACIDS
Walter Mieg and Franz Wieners, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 5, 1936, Serial No 83,808. In Germany June 7, 1935
21 Claims. (Cl. 260—60)

1. The products of the formula:



wherein A stands for a radical which is capable of being vatted, X stands for a member of the group consisting of alkyl, aryl and a radical which is capable of being vatted and is different from that designated by A, Y stands for a member of the group consisting of hydrogen and alkyl, and Z stands for a member of the group consisting of hydrogen and alkyl.

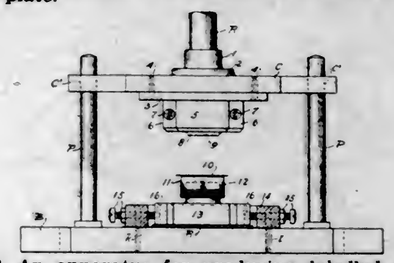
2,123,376
MEASURING INSTRUMENT
Kurt Moeger, Berlin, Germany, assignor to General Electric Company, a corporation of New York
Application September 11, 1936, Serial No. 100,376
In Germany October 9, 1935
2 Claims. (Cl. 73—151)



1. Long-scale measuring apparatus comprising in combination, a scale plate having an annular slot therein, and a pair of rotatable deflecting elements with pivot axes substantially coaxial with said annular slot and carrying deflecting arms extending through said slot, said scale plate having scale divisions and markings thereon on either side of said annular slot and said deflecting arms each having an index, one of which extends inwardly to cooperate with one of said scales and the other of which extends outwardly to cooperate with the other of said scales, one of said deflecting elements being of the suppressed-zero type and the scale cooperating therewith having a lower scale value corresponding substantially with the upper scale value of the other scale.

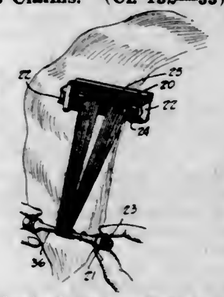
2,123,377
APPARATUS FOR CUTTING, EMBOSSING, AND ADHERING LABELS
George Papp, Maspeth, N. Y., and Walter Meyer, Princeton, N. J., assignors to Peters Brothers Rubber Company, Inc., Brooklyn, N. Y., a corporation of New York
Application May 13, 1936, Serial No. 79,484
11 Claims. (Cl. 41—7)

1. In combination, a work holding means adapted to hold an article to be embossed and comprising with a bolster and a fixed retaining ring, a bed plate adjustably and resiliently held for vertical movement in said retaining ring, an article holding means upon said bed plate, means on said article holding means for resiliently centering the article on said holding means and means on said ring for adjustably locating said bed plate.



10. An apparatus for producing labelled and embossed bottle caps comprising cap holding means including a support for engaging the inner face of the top of a plain cap, relatively movable means including a die element for embossing a design on a labelling strip, the strip being placed on said top, and a cutting element surrounding the die element so that as the latter forms the design the strip portion therearound may be cut so as to force the edge thereof into the material of said cap in attaching relation therewith.

2,123,378
METHOD OF AND APPARATUS FOR WAVING HAIR
Gust W. Peterson, Long Beach, Calif.
Application September 23, 1935, Serial No. 41,787
8 Claims. (Cl. 132—33)

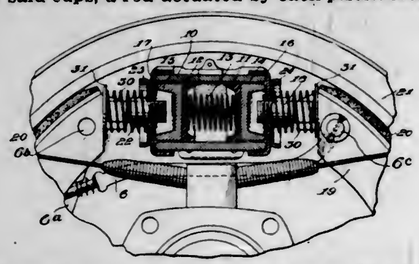


5. The method of curling hair to produce permanent waves which includes dividing a preformed flat strand of hair into flat parts by the manual threading of a dividing protector element to dispose the latter at the scalp; applying a clamp to the divided flat parts of the strand at the dividing protector element, to clamp the parts flatly and spaced from each other; bringing and holding the clamped parts together at their tip ends; concurrently winding the parts from their tip ends as thus held together about spindle means, while manually spreading the parts laterally away from each other as the winding operation proceeds, so as to tend to maintain an approximately parallel condition between the parts, and a relatively even lay of the parts when fully wound; and then holding the parts in curl formation, in the presence of heat for such period of time as is required to set the hair.

2,123,379
BRAKE
Howard T. Pfeiffer, Woodlawn, Md.
Application January 5, 1938, Serial No. 183,554
4 Claims. (Cl. 188—152)

1. In a brake mechanism, brake shoes, an hydraulic system including a cylinder having a

pair of movable rubber piston cups therein, spring means intermediate said cups, pistons actuated by said cups, a rod actuated by each piston loose-



ly engaging a brake shoe, means for mechanically operating said brake shoes, and means resisting outward movement of said cups upon mechanical actuation of said shoes.

2,123,380

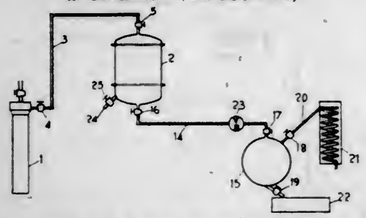
METHOD OF PRODUCING EXTRACTS FROM SOLID CARBONACEOUS MATERIALS

Alfred Pott and Hans Broche, Essen-Ruhr, Germany

Application April 5, 1935, Serial No. 14,794

In Germany October 17, 1934

2 Claims. (Cl. 196—14)



1. In a method of producing extracts from solid carbonizable fuel material by treating it with solvent media comprising organic solvents boiling under normal pressure above about 100° C., said treatment performed at elevated temperatures between about 330° C. and 415° C.—the step of separating the extracts still dissolved in solvent media of said type from undissolved solid residues of said material, such as ashes, by filtering under excess pressure on one side of the filter within the pressure range of about 5 to 20 atmospheres per square centimetre and within the temperature range of about 75° C. to 170° C., until the content of said undissolved solid residues has decreased substantially below 1%.

2,123,381

METHOD OF MAKING EXPANSIBLE DIAPHRAGMS

Wladimir A. Reichel, Philadelphia, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Original application January 22, 1932, Serial No. 588,223. Patent No. 2,070,751, dated February 16, 1937. Divided and this application July 12, 1935, Serial No. 31,129

8 Claims. (Cl. 29—148.2)

1. The method of making expansible diaphragm devices, which method comprises forming a pair of corrugated disc-shaped flexible diaphragms so as to provide peripheral flanges thereon projecting at an acute angle out of the planes thereof, providing a cylindrical supporting shell for said diaphragms, positioning said diaphragms in said shell at opposite ends thereof with their flanges projecting toward each other and abutting against the inner surface of said shell, and



joining said flanges to the inner surface of said shell to provide a sealed air tight connection therebetween, thereby forming an air-tight closed chamber between the two diaphragms.

2,123,382

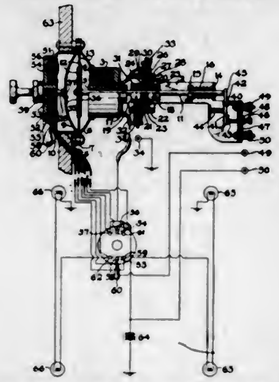
TIMING MECHANISM

Etienne Jean Rocher, Johannesburg, Transvaal, Union of South Africa

Application May 24, 1934, Serial No. 727,337

In the Union of South Africa February 1, 1934

4 Claims. (Cl. 200—90)



1. Timing mechanism comprising a reciprocable member, including an armature, an electromagnet positioned to influence said armature for reciprocating the member, a switch controlling the electromagnet and comprising a sleeve freely slidable on the member, spaced dogs on the member adapted to shift the sleeve in the direction of the member's movement, said sleeve being formed with a V sectioned shoulder and providing an insulating surface at one end and a conducting surface at the other end, a spring-pressed contact positioned to override the shoulder and shaped to exert a sleeve-propelling force component on the trailing face of the shoulder, means providing constant electric connection with the metallic surface, and means dependent upon restricted fluid flow for determining the frequency of the reciprocation of the reciprocating member.

2,123,383

RAZOR EDGE STROPPING DEVICE

Hermann F. Schroeder, Milwaukee, Wis.

Application April 16, 1934, Serial No. 720,791

1 Claim. (Cl. 51—198)

A razor blade sharpening device of the character described comprising a semi-flat and oblong base, having four similar and identical corners, and each being vertical to the ends and sides of the base, and also being at right angles with the flat bottom, and also with the ends and sides of said base, and the top of said base having a pair of sharp projecting lateral ribs, which being horizontal to both vertical sides and also forming the

two sharp V-shaped side grooves, by the junction of a pair of convexed shoulders having a slightly inclined convexed line toward the middle of the base, and with the lower curvature ending at the angle of the inner rib sides, and together forming the side groves, the top of said base also having a wide channel groove across the middle of its



length the ends of said base being provided with curved recesses to provide finger holds; the upper portion of the base adjacent the central portion thereof being provided with a slot; and a convex strop of flat, oblong and convex configuration, the ends of which are adapted to be received in the grooves.

2,123,384

COPPER BASE ALLOY ARTICLE FOR BRAZING AND METHOD OF PREPARING IT

Horace F. Silliman, Waterbury, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

No Drawing. Application April 7, 1936, Serial No. 73,120

11 Claims. (Cl. 113—112)

1. A method of making a fabricated structure comprising providing a member composed of a copper base alloy containing an appreciable amount of metal from the group composed of beryllium and aluminum, providing on said member a surface composed only of a copper alloy which is non-oxidizable when heated in a neutral or reducing atmosphere containing traces of oxygen, and brazing said member without a flux in said neutral or reducing atmosphere to another member which has a surface composed only of metal which is non-oxidizable when heated in this atmosphere.

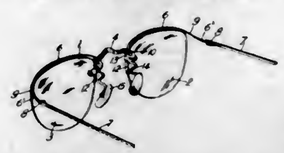
2,123,385

MOUNTING FOR OPHTHALMIC LENSES

Joseph W. Smith, Cambridge, Ohio, assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application November 16, 1933, Serial No. 698,324

5 Claims. (Cl. 88—47)



5. In an ophthalmic mounting, the combination of a lens, a lens holding device secured to the nasal edge of the lens and above the horizontal axis thereof, said device having a lens-edge-engaging part, a portion secured directly to said part and extending rearwardly therefrom, a member extending upwardly from a point on said portion which is spaced rearwardly from the lens and thence extending outwardly closely adjacent to the lens and following the contour of the upper edge of the lens without attachment thereto and terminating in a free end which extends downwardly and rearwardly adjacent the temporal edge of the lens, a temple pivotally mounted on said free end, a rearwardly extending arm secured to said portion and a nose-engaging pad carried by said arm.

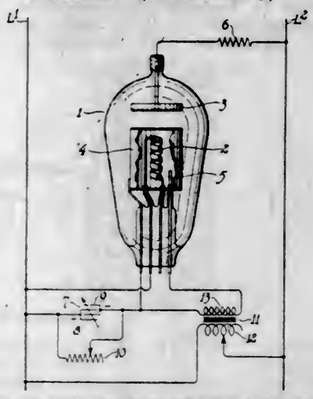
2,123,386

CATHODE CONSTRUCTION

Carroll Stansbury, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware

Original application March 20, 1931, Serial No. 524,047. Divided and this application April 21, 1933, Serial No. 667,180

6 Claims. (Cl. 250—27.5)



6. A gaseous electron discharge tube having a cathode, an anode and a grid surrounding said cathode, these elements constituing a main rectifier and an auxiliary anode located in the space between said cathode and grid, said cathode and said auxiliary anode constituting an auxiliary rectifier to function independently of said grid.

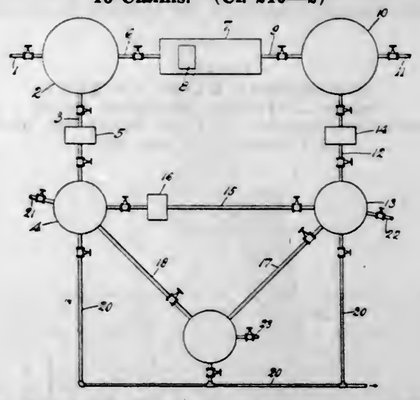
2,123,387

DUAL DIGESTION PROCESS FOR SEWAGE

Marcus B. Tark, Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill., a corporation of Illinois

Application March 21, 1935, Serial No. 12,207

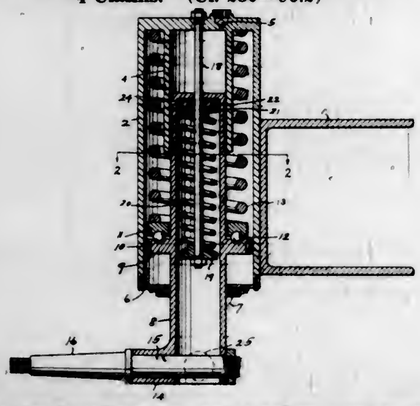
13 Claims. (Cl. 210—2)



1. Apparatus for use in the treatment of sewage which comprises a pre-clarifying tank having an inlet for raw sewage, an outlet for pre-clarified sewage and an outlet for settling sludge, a digester connected to said sludge outlet for the digestion of sludge, a settling tank connected to the said outlet for pre-clarified sewage, means for introducing a chemical coagulant into said pre-clarified sewage, an outlet connected with said settling tank for leading off the clear sewage effluent, a second digester and means for

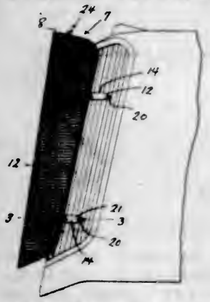
conducting sludge precipitated in the settling tank thereto for digestion and means for conducting digested sludge from the first digester to the second.

2,123,388
COMBINED SPRING AND STEERING MECHANISM
Arthur C. Viguerie, Jr., Pasadena, Tex.
Application April 27, 1937, Serial No. 139,167
4 Claims. (Cl. 280—96.2)



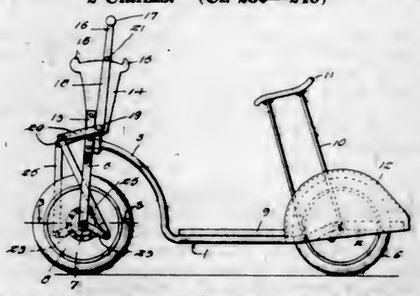
1. Combined spring and steering mechanism comprising housings connected to the side members of a vehicle chassis, a vertical rotatable shaft in each housing, means for confining the shaft to approximately vertical movement in the housing, an external support on each shaft, yieldable means supporting the housing on the corresponding shaft support, a rod connected to the top of the cylinder and extended into the shaft, a coil spring mounted on said rod, abutments on the shaft and rod between which the spring is confined, a wheel spindle on each shaft, a steering wheel on each spindle, means for simultaneously rotating the shafts for steering the wheels.

2,123,389
AUTOMOBILE RADIO ANTENNA
George G. Wareing, Blackfoot, Idaho
Application August 24, 1936, Serial No. 97,696
2 Claims. (Cl. 250—33)



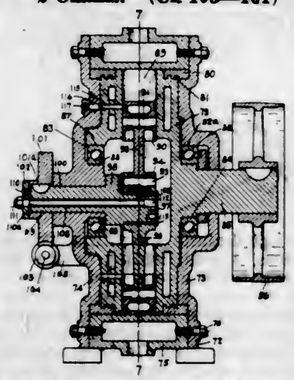
1. The combination of an insect shield and antenna for automobile radiators comprising a perforate antenna structure for disposition in front of an automobile radiator structure, and connecting means of insulation for interposition between the said antenna structure and the radiator to which the same is to be attached, a tube of insulation projecting rearwardly from the antenna structure and having an internally threaded member disposed in the rear end thereof, and a hook member having a threaded shank feedably disposed in the said internally threaded member.

2,123,390
FRONT DRIVE SCOOTER
John M. Welch, Houston, Tex.
Application May 10, 1937, Serial No. 141,760
2 Claims. (Cl. 280—248)



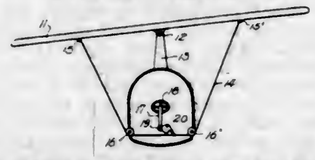
1. A scooter comprising a frame including a rest for a child, a rear fork on said frame, a rear wheel journaled on said fork, a front fork pivoted on said frame, an axle secured on said front fork, arms journaled on said axle, a front wheel journaled on said axle, overrunning clutches connecting said arms to said front wheel, bars pivoted on said front fork, connecting links joining the bars to said arms, a hand grip secured to said bars, a plate secured on said front fork and having a cutout portion providing spaced stops, a pin secured on said bars and operating in the cutout portion and engageable with the stops to limit the pivotal movement in either direction of said bars.

2,123,391
FLUID PUMP
Joseph E. Whitfield, Grove City, Pa.
Application April 15, 1935, Serial No. 16,441
2 Claims. (Cl. 103—161)



1. In a fluid pump, the combination of a case having a sealing surface to and from which inlet and outlet ports lead said case having an oil discharge passage therethrough; a cylinder having an exterior wall having a surface adapted to rotatively traverse in sealing relation the sealing surface in the case and ported to open and close to the cylinder the ports in the case; a rotative mounting for the cylinder forming a chamber from which the cylinder leads; a piston in the cylinder; a crank normally fixed with the case; and a connecting rod and bearings between the piston and crank, said crank having a lubricating passage leading therethrough and delivering oil from the pump past the crank bearing to the chamber in the mounting, the side wall of the cylinder being provided with an oil discharge passage registering with the oil discharge passage in the case as the cylinder rotates.

2,123,392
AIRCRAFT CONTROL
Edward Burke Wilford and Elliot Daland, Philadelphia, Pa.
Application October 22, 1936, Serial No. 107,058
8 Claims. (Cl. 244—83)



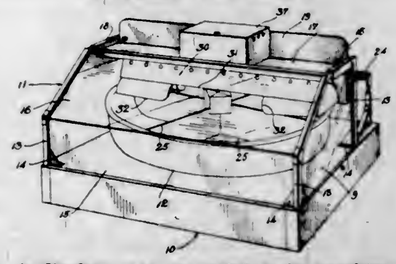
1. In a heavier-than-air craft for steering the same, the combination with a displaceable principal lifting member, of a hand wheel, and of reversible transmission means operatively connecting the hand wheel and the lifting member, the mechanical efficiency of said transmission means being substantially larger for transmitting motion from the hand wheel to the lifting member than for transmitting motion in the opposite direction.

2,123,393
TOOL HANDLE
John F. Windsor, Fairfield, Conn., assignor to The Bridgeport Hardware Manufacturing Corporation, Bridgeport, Conn., a corporation of Connecticut
Application January 21, 1937, Serial No. 121,397
1 Claim. (Cl. 279—96)



A tool of the character described comprising a handle including a non-metallic body member, a tool member having a metal shank extending longitudinally through the body member, a separate enlarged metallic head member having serrations on its outer peripheral surface, said head being rigidly secured by a forced fit to the end of the shank at the outer end of the body member, and a cap member of substantially the diameter of the body member at its outer end, said cap member being of a molded material different from those of the body and head members and such as to be highly resistant to breaking and deformation under blows of a hammer or mallet, and said cap having a recess to receive said serrated head member and to which it is rigidly connected by forced fit so that the force of the blows on the cap is received by the head member and transferred by it to the shank.

2,123,394
DISPLAY CASE
Charles Ralph Anderson, Chicago, Ill.
Application May 11, 1936, Serial No. 79,110
3 Claims. (Cl. 34—21)



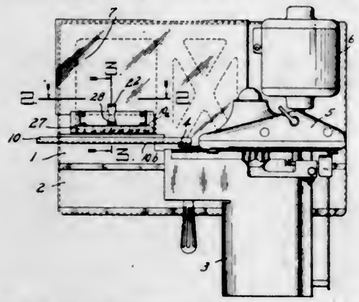
1. A display case comprising, in combination, a rectangular base, a container rotatably supported by said base, and an enclosure for the container of such size as to permit the container to extend rearwardly therefrom for accessibility, said enclosure comprising end and front walls of glass, the front wall comprising a lower vertical portion extending substantially to the top of the container, and an upper portion slanting upwardly and rearwardly from the top edge of the lower portion and thereby providing a full view of the part of the container thereunder.

2,123,395
GAUGE
Charles H. Antrim, Grand Rapids, Mich.
Application June 20, 1935, Serial No. 27,527
1 Claim. (Cl. 73—109)



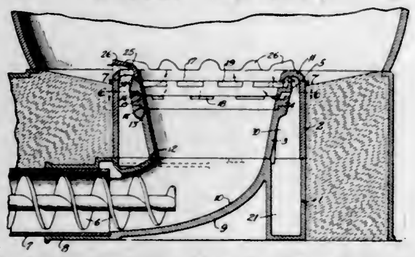
In a gauge: an arcuate scale extending one hundred and eighty degrees; an indicator comprising a rotatable shaft having a pinion and carrying a pair of diametrically opposite pointers; a curved hollow diaphragm member operated by fluid pressure therein to rotate the shaft; and adjustable means for operatively connecting said member with the shaft comprising an arm turnable relatively to the shaft to adjusted positions and a toothed sector pivoted on the arm, meshing with the pinion and connected with said member, the sector and the pinion having a gear ratio sufficient to rotate the shaft a complete revolution to every one complete turning movement of the sector in either direction to bring only one or the other of the pointers into operative registration with the scale.

2,123,396
SLICING MACHINE
Harry W. Barnes, Detroit, Mich., assignor to Barnes Products Incorporated, Detroit, Mich., a corporation of Michigan
Application September 17, 1936, Serial No. 101,222
2 Claims. (Cl. 146—102)



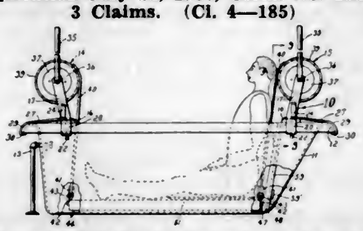
1. In a slicing machine having a rotary disc knife, a reciprocable carriage for material to be sliced, and an adjustable gauge plate for determining sliced thickness, a base upon which the knife, carriage and gauge plate are mounted; a controlling lever, fulcrum means carried by the gauge plate above the base and in close proximity thereto, said lever being disposed in an upright position, means on the upper end of the lever for shifting the same on its fulcrum, an inclined member mounted on the base underneath the upper surface thereof disposed at an angle to the plane of the gauge plate, the lower end of the lever being bifurcated with the inclined member disposed between the bifurcated parts, and adjustable contact devices carried by the lever and engaging opposite sides of the inclined member.

2,123,397
RETORT FOR UNDERFEED STOKERS
John C. Bohmker, Kankakee, Ill.
Application April 22, 1937, Serial No. 138,403
14 Claims. (Cl. 110—45)



1. A retort of the class described comprising an upwardly extending open-ended body, a shell spaced from and surrounding said body, flange-like means connecting the upper ends of said shell and body and closing off the space therebetween, and a hollow support for said shell opening upwardly into said space and having a lateral air inlet, said body having a plurality of perimetrically spaced ports therethrough communicating with the said space, said ports being proportioned to provide a progressively increasing port area in successive predetermined perimetric segments of said body as said segments become perimetrically remote from the location of said air inlet and a decreased port area as said segments again approach said air inlet location in the same perimetric direction.

2,123,398
BATH APPLIANCE
Leverett T. Bowers, Pasadena, Calif., assignor of one-half to E. C. Ryer, Pasadena, Calif.
Application July 21, 1937, Serial No. 154,803
3 Claims. (Cl. 4—185)



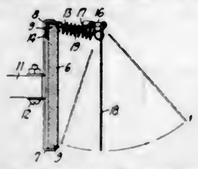
1. In a bath tub attachment, a pair of transverse base supports adapted to engage the upper portion of a tub, means to hold said supports in spaced relation, each of said supports having a pair of upwardly directed brackets thereon, said brackets being spaced apart, means to brace said brackets, a shaft rotatable on each pair of brackets, a drum fixed on each of said shafts, means to rotate said drums, means to hold said drums in set position, each of said drums having a flexible member thereon adapted to depend into a tub, a frame secured to the lower ends of said flexible members, a removable patient support on said frame, a turntable on said patient support, said frame having rollers thereon projecting beyond one end thereof and means engaged by said rollers to prevent longitudinal swinging of said patient support.

2,123,399
METHOD OF MAKING WASHABLE PAPER
Charles G. Bright, deceased, late of Appleton, Wis., by Ruth E. Bright, Appleton, Wis., administratrix, assignor to Paper Patents Company, Neenah, Wis., a corporation of Wisconsin
Application May 2, 1935, Serial No. 19,424
4 Claims. (Cl. 92—40)



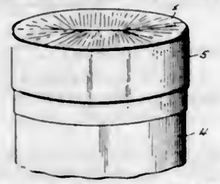
3. A method of producing washable paper, comprising forming a paper web carrying a potentially water-resistant protein coating in an aqueous carrier, applying during the paper making operation a material which will chemically fix said coating, drying the web, then softening the dried coating and printing on said softened coating with a water-insoluble ink.

2,123,400
MIRROR SHIELD
Carl A. Carlson, San Francisco, Calif.
Application February 19, 1936, Serial No. 64,735
2 Claims. (Cl. 88—77)



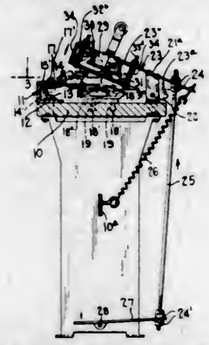
1. A device for use with a mirror having a clamp engaging the margin of said mirror, comprising a mirror shield including a mounting member adapted to be interposed and gripped between said mirror and said clamp, a shield hinged to said mounting member and movable between a first position overlying said mirror and a second position away from said mirror, and a spring fastened to said member and to said shield at points which with said hinge are all in alignment in a position of said shield between said positions for urging said shield into either of said positions.

2,123,401
HEADER CONSTRUCTION FOR ROLLS
Ralph R. Clements, Dunellen, N. J.
Application February 11, 1937, Serial No. 125,215
5 Claims. (Cl. 206—59)



1. A header for covering the ends of a roll of roofing material, comprising a loosely knitted fabric formed in the shape of a cap to fit over the end of the roll, said fabric being elastic in both lengthwise and widthwise directions.

2,123,402
PRESSING DEVICE
Sidney Cohn, St. Albans, N. Y.
Application June 15, 1934, Serial No. 730,776
8 Claims. (Cl. 223—57)



1. In a scallop pressing machine, in combination with a press block, a resilient scallop form carrying scalloped material positioned in spaced relationship adjacent said press block, and a pressing iron actuable by contact to displace the scallop form onto said press block and to press and shape the scalloped material.

2,123,403
CABINET CONSTRUCTION
James M. Connelly, Pontiac, Mich., assignor to Detroit Paper Products Corporation, Detroit, Mich., a corporation of Michigan
Application May 4, 1936, Serial No. 77,690
5 Claims. (Cl. 220—9)

1. In combination, a cabinet, panels disposed on said cabinet with adjacent edges in spaced relation, a flat rigid breaker strip presenting a smooth panel surface overlapping the adjacent edges of said panels, a clamping member secured along the edge of each panel, each clamping member comprising an elongated base member overlapping the adjacent panel edge, a resilient wall extending out from one edge of each elongated base member, a convex portion turned down from and under the outwardly projecting edge of each wall to provide a retaining shoulder, and a substantially



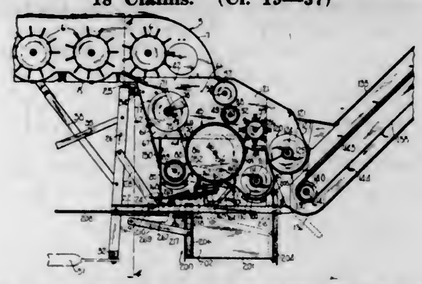
flat retaining strip extending from the down turned edge of each convex portion toward each base member to provide resilient seats movable relative to the base members for receiving the edges of said rigid breaker strip snapped therein to hold and depress the same against the base members.

2,123,404
LUBRICATING MEANS
John L. Creveling, near Tucson, Ariz.
Application August 24, 1933, Serial No. 686,549
Renewed December 6, 1937
18 Claims. (Cl. 285—143)



1. Lubricating means for use with a nipple, including means for engaging a portion of said nipple and means cooperating with said last-named means clampingly to hold and form a fluid-conveying sealed connection with said nipple and having a portion with a non-circular opening surrounded by a narrow contact area making a fluid-tight joint with said nipple throughout motion of said cooperating means with respect to said nipple throughout a solid angle of substantially a hemisphere.

2,123,405
COTTON CLEANER
Frank T. Court, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application April 23, 1934, Serial No. 721,962
18 Claims. (Cl. 19—37)



1. In a cleaner of the class described, a housing, a saw cylinder in said housing, means for rotating said saw cylinder, means for directing material into said housing into contact with the side of said saw cylinder moving upwardly, means for moving said material laterally along

said saw cylinder and beyond the ends thereof, said saw cylinder acting upon the material during such lateral movement to remove cotton therefrom, endless belt means at opposite ends of said saw cylinder driven from said last named means and arranged to receive the remainder of said material therefrom and to conduct the same to the opposite side of said saw cylinder, and means at the opposite side of said saw cylinder arranged to receive material from said endless belt means and to present the remainder of said material to said saw cylinder, whereby said saw cylinder acts upon the remainder of said material to further remove cotton therefrom.

2,123,406
FOUNTAIN PEN
Frank C. Dell, Chicago, Ill., assignor to Autopoint Company, Chicago, Ill., a corporation of Illinois
Application September 3, 1935, Serial No. 38,873
9 Claims. (Cl. 120—47)



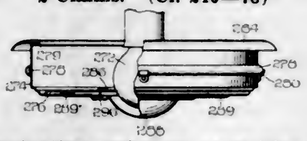
1. In a fountain pen, a barrel having an open rear end and an internal shoulder spaced inwardly from the open end, an elastic rubber bag having at one end a laterally extending marginal flange, a clamping plug adapted to be firmly seated in the open end of the barrel to tightly clamp the marginal flange between the shoulder and the clamping plug, a plunger head at one end of the rubber bag, an elongated tubular member secured to said head and extending into the bag, a control handle movably associated with the rear end of the barrel, a rod fastened to said control handle to move therewith, said rod being telescopically slidable in said tubular member, a lateral projection on said rod, a longitudinal slot in the tubular member adapted to slidably receive the projection on the rod, and spaced apart lateral openings in the tubular member into which said projection may be rotated to permit the joint length of the rod and tube to be increased to enable reciprocation of the plunger when the projection is in one of said lateral openings and hold it against reciprocation when it is in the other of said lateral openings.

2,123,407
TOOTH BRUSH
Walter A. Dullea, Milton, Mass.
Application June 3, 1937, Serial No. 146,283
1 Claim. (Cl. 15—167)



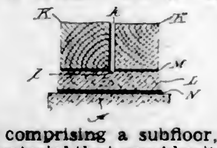
A tooth brush comprising a handle, including a hand grip portion and a head portion, said head portion being provided with an offset portion paralleling the longitudinal axis of the hand grip portion of the handle and merging with the hand grip portion in a gradual curved portion, and bristles on the head portion and extending uniformly from opposite sides thereof throughout the curved and offset portions of the head to provide a concaved set of bristles at one side of the head and a convexed set of bristles at the opposite side of the head.

2,123,408
ILLUMINATING EQUIPMENT
Arthur P. Ebrite, Chicago, Ill., assignor of one-half to E. C. Koegel, Chicago, Ill.
Application November 9, 1935, Serial No. 49,108
2 Claims. (Cl. 240—78)



1. Illuminating equipment comprising, in combination: a light source; a main reflector having an illuminated surface shaped to direct light from said source in a flood in a predetermined direction; translucent material arranged to define a tracery pattern adjacent the unilluminated surface of said reflector; said translucent material being substantialy entirely cut off from receiving direct light from said source; and ancillary reflecting means for directing a minor fraction of reflected light from said source into said material, whereby said material is rendered luminous and noticeable but not brilliant, and comfortable for direct contemplation with the naked eye; certain of said material receiving light reflected out from the axis of said reflector and certain other of said material receiving light reflected around the peripheral edge of said reflector.

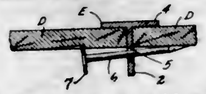
2,123,409
FLEXIBLE WOOD FLOOR OR FLOORING MATERIAL
Armin Elmendorf, Winnetka, Ill.
Application December 10, 1936, Serial No. 115,204
2 Claims. (Cl. 20—7)



1. A floor comprising a subfloor, a membrane made from material that provides it with capacity for appreciable internal shear displacement bonded to the subfloor, wood tiles overlying the said membrane and arranged edge to edge, the tiles being connected together by tongues and grooves in a manner to permit each tile to expand and contract laterally independently of adjacent tiles, and a bonding material in a non-plastic state holding the tiles to the said membrane while permitting said membrane to retain its said capacity for internal shear displacement.

2,123,410
AIR DUCT
Charles W. Fawcett, St. Louis, Mo.
Application April 9, 1937, Serial No. 135,875
1 Claim. (Cl. 20—92)

A joint for an air duct, formed of individual wall members, comprising a joining metal member of the shape having a web and a flange member, said flange member supporting the ends of said individual wall members and which ends abut against the web members, said web member being perforated to receive nails each having a head and a point for holding said wall



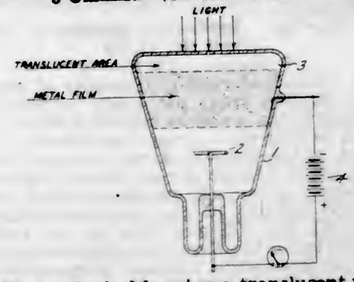
members in contact with said web and flange members, said nails being passed through said perforations with heads and points alternating about said joint, said web members being cut transversely at intervals so said flange members can be bent at said cut portions.

2,123,411
LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application May 26, 1937, Serial No. 144,879
2 Claims. (Cl. 150—33)



1. The combination with a handbag of a substantially vertical strap-like handle member secured thereto at top and bottom but free therefrom at intermediate points; a ring secured to the upper portion of said handle member; a supplemental handle member in the form of a loop slidably engaging through the ring on said first mentioned handle member; and a ring secured to the bottom of said supplemental handle member and slidably engaging said first mentioned handle member.

2,123,412
MOSAIC AND TRANSLUCENT SURFACE
Bernard C. Gardner, Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application August 18, 1936, Serial No. 96,612
3 Claims. (Cl. 250—27.5)



1. The method of forming a translucent photoelectric surface on an envelope wall which comprises exposing said wall to moisture, coating said wall with an opaque film of silver, heating said wall until a change in light transmission occurs and the film becomes substantially non-conducting, oxidizing the film and depositing an alkali metal on said oxidized film until the film becomes conductive again.

2,123,413
ADJUSTABLE CURTAIN
Hugo Geller, New York, N. Y., assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y., a corporation of New York
Application August 10, 1935, Serial No. 35,620
12 Claims. (Cl. 156—10)



1. As an article of manufacture a ready-to-hang adjustable curtain having a body portion and a surplus fabric top portion merging with the upper end of the body portion and in extension thereof, a plurality of horizontal rows of eyelets formed in said top portion constituting rod-engaging eyelet passageways for extending the body portion of the curtain to effect length adjustment, the eyelets in one of said rows being alternately positioned in narrowly and widely spaced relation to define pairs of eyelets, the narrow strip of fabric extending between eyelets of the same pair constituting a tongue, and the eyelets in the next adjacent row being positioned in alignment with said tongues, the curtain being foldable to bring said row of tongues into cooperative registry with said row of tongue aligned eyelets, said tongues engaging through said aligned eyelets to form loops for receiving a curtain rod thereby locking the folded surplus fabric to prevent any change of curtain length when said curtain is suspended in hung position.

2,123,414
ANTENNA BRACKET AND ANTENNA
John L. Gilmore, Kansas City, Mo.
Application February 9, 1937, Serial No. 124,842
3 Claims. (Cl. 250—33)



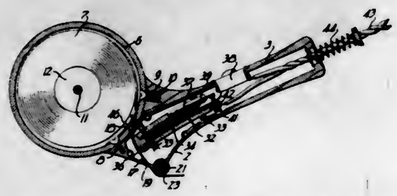
1. In a staff antenna structure, a staff tubular in form having a bulge near its lower end, a resilient insulating sleeve on the lower end of the staff around said bulge, a clamp receiving said

sleeve and compressing it on the staff with the lower end of the staff projecting from the sleeve, said clamp having means for mounting it on a support, a conductor connected to the lower end of the staff, and a resilient sleeve covering the joint between the conductor and the staff and engaging said first sleeve to leave no exposure of the antenna between the two sleeves.

2,123,415
TAPING INSTRUMENT

Dimitri L. Gorbatenko, San Francisco, Calif., assignor, by direct and mesne assignments, of eleven-twentieths to A. J. Allgoewer and four-twentieths to Luka I. Gorbatenko, both of San Francisco, Calif.

Application July 28, 1937, Serial No. 156,249
3 Claims. (Cl. 216—20)

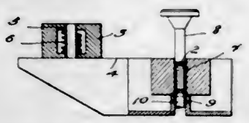


2. A taping instrument comprising a frame, means on the frame for holding a supply roll of tape, a roller on the frame for engaging the tape to press the latter against a surface to be taped, and a heating unit on the frame and having a face interposed between the supply roll and pressure roller and over which the tape may pass.

2,123,416
METHOD OF EXTRUDING METALS AND ALLOYS

Alexander Barbour Graham, Thornliebank, Glasgow, Scotland, assignor to The International Nickel Company, Inc., New York, N. Y., a corporation of Delaware

Application April 25, 1935, Serial No. 18,130
In Great Britain May 1, 1934
2 Claims. (Cl. 207—10)



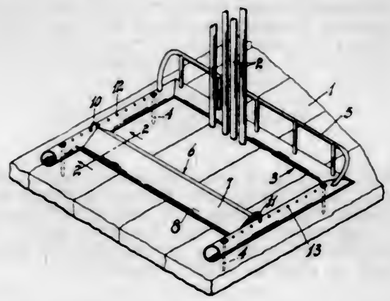
1. A process of producing an article constituted of nickel or nickel alloy which comprises heating a mass of nickel containing particles in a thin-walled metallic container to a selected temperature below the melting point of said mass and said container, transferring said container bodily to an extrusion chamber, and then extruding said heated container from an extrusion chamber whereby coalescence of the particles is effected and an integral nickel article is produced.

2,123,417
FOOT GUARD

John Grier, Fullerton, and Louis J. Hopkins, Wasco, Calif.

Application June 23, 1936, Serial No. 86,786
6 Claims. (Cl. 211—60)

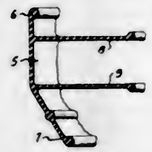
1. A foot guard comprising a frame and a substantially inverted V-shaped guard plate extending transversely of said frame, and a reinforcing tube in the guard plate.



2,123,418
HELMET FOR THERAPEUTIC SCALP TREATMENTS

Lewis M. Crosley and Fred E. Johnston, Cincinnati, Ohio, assignors to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application May 16, 1936, Serial No. 80,186
7 Claims. (Cl. 128—300)



1. In combination with a metallic helmet adapted to move, during use, up and down on the head and having an air inlet through which compressed gas is forced into the helmet and negative pressure induced in said helmet by exhaustion through said inlet, a rubber head-engaging element having spaced annular diaphragms, one to be fastened about the head and the other to rest on the head and above the first, and a cushioning element mounted between the said diaphragms.

2,123,419
ROOFING GRANULE AND METHOD OF COLORING SAME

Henry R. Gundlach, Baltimore, Md., assignor to Central Commercial Company, a corporation of Illinois

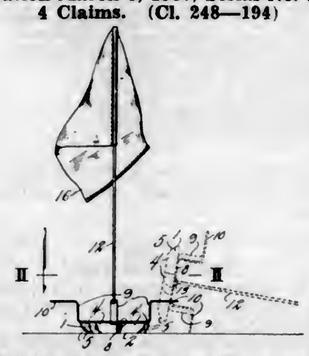
No Drawing. Application October 3, 1935, Serial No. 43,388
3 Claims. (Cl. 91—70)

2. A method of coloring granules of mineral matter selected from the group consisting of slate, quartz, shale and traprock for use on composition roofing which comprises attaching color pigment to the surface of the granules with a thin layer of weather-proof cement comprising the reaction product of phosphoric acid with a compound of one of the common metals of Groups III, IV, VII and VIII of the Periodic Classification of the Elements which is capable of forming a sesquioxide, heating the mass between 400° F. and 800° F. and simultaneously agitating the mass to prevent agglomeration.

2,123,420
SELF-RIGHTING SUPPORT

Romey W. Hiser, Samaria, Mich., assignor of one-third to Walter H. Rasey, Temperance, Mich.

Application March 8, 1937, Serial No. 129,664
4 Claims. (Cl. 248—194)

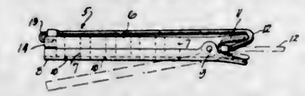


1. A tiltable base, and fending arms upward from the base providing a seat adapted approximately centrally intermediate said arms to support an object in upstanding position of the base, said fending arms on base tilting providing fulcra for base return against overthrow of the object.

2,123,421
HAIR CURLER

Eugenia Kahn, New York, N. Y.

Application September 20, 1937, Serial No. 164,635
2 Claims. (Cl. 132—41)



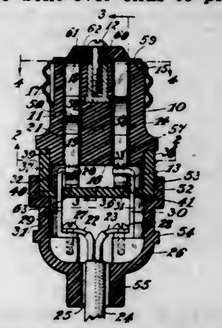
1. A hair curling device, comprising a pair of pivotally connected molded spring tensioned curler members, one of the said members being semi-tubular in shape, and provided with spaced apart openings, the other member being cylindrical and provided with spaced apart openings in alinement with the openings in the first mentioned member, a semi-tubular projection at the end of the cylindrical member, the said projection and end of the semi-tubular member forming a circular lip at the end of the device, the sides of the openings in the said cylindrical member being parallel to a line passing through the center of the semi-tubular projection, an elastic hair retaining cord secured at one end to the device, and a hook on the said cord for releasably engaging the circular lip formed by the said projection and end of the semi-tubular member.

2,123,422
ELECTRIC PLUG OR OUTLET

Charles W. Kautz, Jr., Lancaster, Pa.

Application September 5, 1935, Serial No. 39,217
1 Claim. (Cl. 173—343)

In an electric terminal device, an outlet end including two electric terminals, U-ends on said terminals forming jaws, a cover for the terminals having openings, a fixed mounting for each terminal, a bend in each terminal between the mounting and the jaw adapted to yield, a plug having two terminals with bent-over ends adapted to pass through the cover openings and to be rotated to seat the ends in the jaws, a rabbeted housing on the plug adapted to fit over the cover and center the bent-over ends to protect them,



and U-extensions of the U-ends resting on the inside of the cover to resiliently support the jaws.

2,123,423
BRAKE EQUIPMENT FOR ARTICULATED CARS

William Platts Kellett, Jr., New York, N. Y., assignor to William Platts Kellett, Bronxville, N. Y.

Application October 4, 1935, Serial No. 43,477
9 Claims. (Cl. 188—34)



1. An articulated container car comprising a pair of car sections each individually mounted upon wheel supports, a permanent flexible coupling joining said car sections, brake members on each of said car sections, a flexible member extending between said car sections and operatively connecting the brake mechanisms thereof, pulley guides for said flexible brake connection mounted respectively on the adjacent ends of said car sections, said pulley guides being disposed respectively on opposite sides of the longitudinal vertical centre plane of the car sections, means for rigidly spacing said guide means in a lateral direction but capable of flexible operation, and means mounted on one of said car sections cooperating with said flexible member for operating the brake mechanisms of the respective cars simultaneously, said flexible member having spaced portions supported on opposite sides of the said centre plane by the guide pulleys of the respective car sections with the intervening portion between the guide pulleys disposed in a plane transversely of the said centre plane.

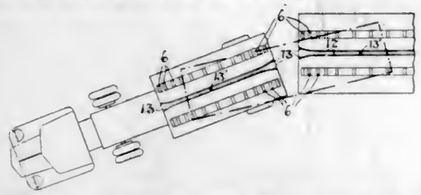
2,123,424
APPARATUS FOR TRANSFERRING CONTAINERS

William Platts Kellett, New York, N. Y.

Application August 24, 1936, Serial No. 97,628
7 Claims. (Cl. 214—38)

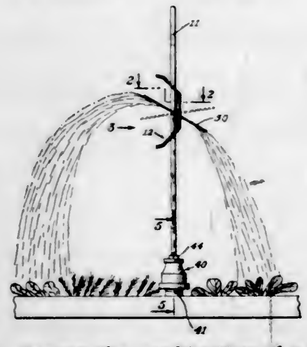
1. Transport equipment for containers comprising in combination, a railway car and a road truck, each having spaced longitudinal rows of deck rollers, a container, and means for enabling the guided rolling of said container to and from said railway car and road truck with said respective vehicles disposed in wide angular positions relative to each other, said means including central longitudinal guideways rigidly carried respectively by the car and road truck spaced below the level of the upper extremities of the rollers to permit the roller-engaging portions of the con-

tainer to pass thereover at a wide angle clear of contact therewith in a bridge-like manner while



supported on opposite sides of the guideway by the deck rollers.

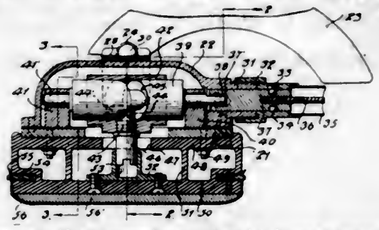
2,123,425
VEGETABLE SPRAYER
Thomas L. Kelley, Bakersfield, Calif.
Application May 6, 1937, Serial No. 141,114
5 Claims. (Cl. 299—58)



1. In a sprayer, the combination of a vertical rod having a support, a clamp having an outer and an inner plate, means securing said plates together adjacent their free ends, such ends being adapted to form a finger grip, the two plates having two converging sections in close contact, aligned perforations through said sections with the rod extending therethrough, the center portion of the outer plate being substantially flat and parallel to the rod, the center portion of the inner plate having a convex curve forming a space between the two center portions, a spreader plate having a shaft, the shaft extending through said space at substantially right angles to the rod and frictionally engaging the two center portions of the plate and forming a frictional engagement whereby on rotation of the spreader plate on the axis of the shaft, the shaft is held by friction.

2,123,426
RUBBING MACHINE
Ottmar A. Kehle, Detroit, Mich., assignor to Sterling Products Company, Detroit, Mich., a corporation of California
Application November 7, 1934, Serial No. 751,838
6 Claims. (Cl. 51—170)

5. In a rubbing machine of the class described, a rubbing pad; a supporting structure; a plurality of flat resilient strips doubled upon themselves to provide loops; means for connecting said loops on said supporting structure with the outer face of said loops engaging said supporting structure; means for connecting said rubbing pad to said loops diametrically opposite the connection of said loops to said supporting structure and in engagement with the outer face thereof, said loops retaining said pad connected to and in spaced relation to said supporting



structure, the curvature of said loops extending outwardly toward opposite ends of said pad.

2,123,427
FOUNTAIN PEN
Russell B. Kingman, Orange, N. J., assignor, by mesne assignments, to Camel Pen Company, a corporation of New Jersey
Application September 18, 1935, Serial No. 41,014
1 Claim. (Cl. 120—46)

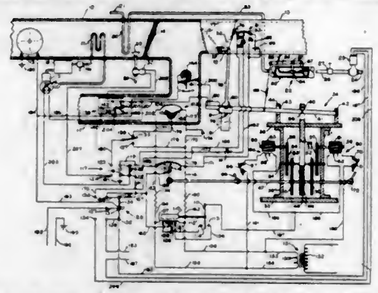


A fountain pen comprising a functional unit, constituting the working parts of the pen, the elements of which are secured and maintained together in operative assembled relation, and an external barrel for detachable connection with said unit without disturbing the operative assembled relation of the elements of said unit; said unit including a throat-section carrying a pen nib and feed bar therefor, a collapsible reservoir sac connected by its lower end to said throat-section in communication with the feed bar, a slide-piece to which the upper end of said reservoir sac is connected, and a flexible spring member extending along said sac and fixedly anchored by its lower end to said throat-section and by its upper end to said slide-piece; said barrel being telescopically mountable over said slide-piece, spring member and sac, and means to detachably couple the lower end of said barrel to said throat-section, said barrel being so sized in length as to permit external projection of the free end portion of the slide-piece from the upper end thereof when said barrel and unit are operatively coupled together.

2,123,428
SUMMER-WINTER AIR CONDITIONING SYSTEM
George D. Kingsland, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application June 6, 1934, Serial No. 729,253
45 Claims. (Cl. 236—1)

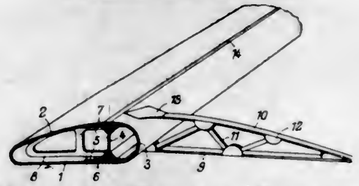
43. In a heating and cooling air conditioning system, in combination, means for cooling a space, means for heating a space, means for supplying fresh air to said space, controlling means for controlling said heating and cooling means, said controlling means being arranged for controlling said heating means in a manner to increase the supply of heat upon increase in heat demand during the heating cycle of the system, and to increase the operation of the cooling means upon increase in demand for cooling during the cooling cycle, thermostatic means influenced by inside and outside temperature for

controlling said fresh air supplying means, and means for substantially restricting the fresh air



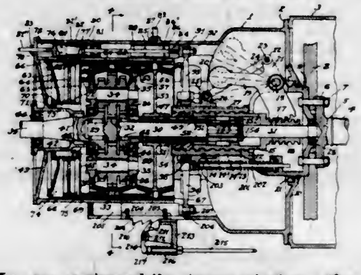
supply when said heating means is placed into operation.

2,123,429
MONOSPAR CANTILEVER AIRCRAFT WING
Hanns Klemm, Boblingen, Germany
Application July 27, 1937, Serial No. 155,860
In Germany June 26, 1936
5 Claims. (Cl. 244—123)



1. Monospar cantilever aircraft wing comprising a hollow spar, having a substantially flat bottom, a substantially semicylindrical leading edge, a substantially semicylindrical trailing edge of a diameter larger than that of the leading edge, and a curved top wall sloping down from the upper edge of the trailing semicylinder to the upper edge of the leading semicylinder, the greatest thickness of the spar being approximately in a vertical section through the chord of the wing between the front third and the rear two-thirds thereof.

2,123,430
AUTOMOBILE TRANSMISSION
Frank Kuehnel, Detroit, Mich.
Application October 10, 1934, Serial No. 747,667
7 Claims. (Cl. 74—260)



1. In an automobile transmission, the combination, with a main housing, of a gear casing rotatable within said housing; a planetary gearset within said casing comprising three central pinions, one of which is connected to the propeller shaft, one to a central shaft adapted to be driven by the motor, and the other to a sleeve surrounding said central shaft and also adapted to be driven by the motor, and a plurality of sets of three planetary pinions journaled in said casing and meshing with said central pinions, each set being rotatively connected together or formed integral one with the other; brake means for holding said gear casing stationary; brake means for holding said sleeve stationary; clutch means for connecting said shaft and said sleeve alternatively with the motor shaft; speed responsive means for operating said respective brake means and said respective clutch means in proper sequence; and torque-responsive means for varying the effect of said speed-responsive means.

2,123,431
MIRROR
William LaHodny and Alfred T. Barager, Buffalo, N. Y., assignors to Standard Mirror Company, Inc., Buffalo, N. Y., a corporation of New York
Application January 26, 1935, Serial No. 3,658
8 Claims. (Cl. 88—102)

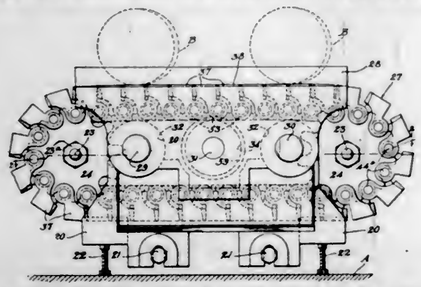


2. A mirror, comprising a mirror panel, a support therefor having a tapered recess at one end, a pair of clamping members embracing a small portion of the edge and adjacent portions of the opposite flat faces of said panel and jointly formed to provide a tapered extension fitting into said recess and screw means connected to said support and extending coaxially into said extension and operatively connected to at least one of said clamping members to draw said tapered extension into said tapered recess upon being turned.

2,123,432
FEEDING MECHANISM OR THE LIKE
Carl Lawrence Mattison, Rockford, Ill., assignor to Mattison Machine Works, Rockford, Ill., a corporation of Illinois
Original application July 12, 1930, Serial No. 467,501. Divided and this application August 7, 1936, Serial No. 94,833
3 Claims. (Cl. 144—128)

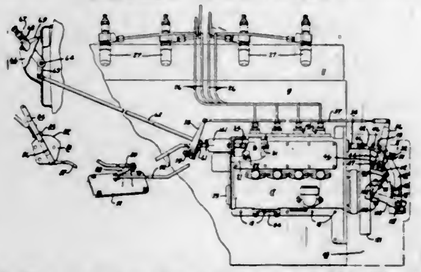
1. A feed mechanism having, in combination, a traveling chain comprising a plurality of pivoted links each having a top work-engaging face and having two sets of lugs diverging downward to provide a gap between the lower ends of the two sets lengthwise of the chain, a supporting roll underlying the chain and engaging the alined bottom faces of the successive sets of lugs as the chain travels, the two sets of lugs on the links adjacent to any given link intermeshing with the lugs of said given link and jointly bridging said gap to engage the line of support on said supporting roll when the two sets of lugs of said

given link are in a position straddling said line, pivot pins connecting said intermeshing lugs, and a pressure roll overlying the chain directly above said supporting roll and acting to exert downward pressure upon the individual links succes-



sively, such pressure when the lugs of a given link are in the said straddling position being transmitted through two of said pivot pins to the links adjacent to said given link, thereby distributing the stresses through a substantial section lengthwise of the chain.

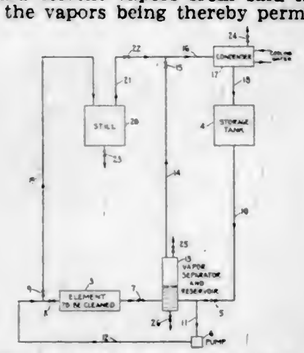
2,123,433
ENGINE
Roy E. Mayo, San Leandro, Calif., and Edward W. Jackson, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application December 9, 1933, Serial No. 701,580
9 Claims. (Cl. 123—140)



1. In a compression ignition and the like engine, a plurality of fuel injection pumps adapted to eject measured amounts of fuel therefrom, common means connected to said pumps for controlling the amount of fuel ejected therefrom, resilient stop means determining the position of said common control means to cause injection of fuel for full load operation of said engine, and means responsive to a decrease in speed of said engine for moving said common control means against the resistance of said resilient stop means to thereby cause increased fuel injection and engine torque.

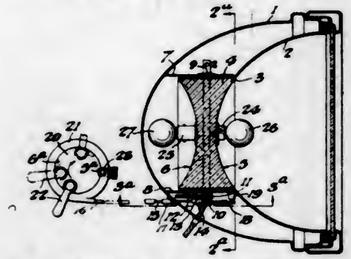
2,123,434
PROCESS OF CLEANING
Paul M. Paulson and Ira D. Chambers, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application December 13, 1934, Serial No. 757,286
3 Claims. (Cl. 87—5)

1. A process for cleaning the interior surfaces of heat exchangers which comprises subjecting said surfaces to the action of a volatile chlorhydrocarbon solvent in liquid form, vaporizing said solvent by the application of heat while it is retained within the heat exchanger, and then releasing said solvent vapors from said heat exchanger, the vapors being thereby permitted to



emerge from the heat exchanger at a velocity sufficient to carry out the solvent and solid particles which may be present within the heat exchanger.

2,123,435
LAMP FOR ROAD VEHICLES
Douglas Muir Peill and Norman Macintyre, Glasgow, Scotland
Application February 6, 1937, Serial No. 124,405
In Great Britain February 13, 1936
7 Claims. (Cl. 240—37)

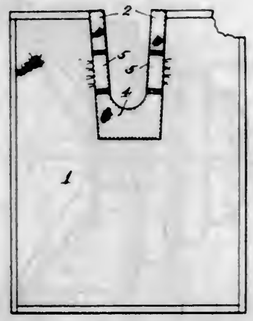


1. In a headlamp a reflector therein foreshortened or truncated at its inner end to provide an opening therein, a pair of supplementary reflectors arranged behind the first mentioned reflector and shaped so as to individually complete the continuity of the first mentioned reflector, said supplementary reflectors being adapted to project beams of different character, remote control means for bringing said supplementary reflectors into and out of the operative position in continuity with the said first mentioned reflector, co-operating abutments on one of said supplementary reflectors and the first mentioned reflector, said first mentioned reflector being tiltably mounted and adapted to be moved from the normal position to the tilted position by engagement of said abutments combined with movement of one of said reflectors to an inclined beam projecting position by said remote control means.

2,123,436
HAIR CUTTING CLOTH
Fred H. Richmond, St. Louis, Mo.
Application June 10, 1937, Serial No. 147,403
2 Claims. (Cl. 2—50)

1. A hair cutting cloth comprising a sheet having a neck opening, and a fabric yoke enclosing said neck opening in overlying surface contact approximately throughout the portion of

the sheet around the opening and having a fabric body portion at the inner end thereof with



legs extending along opposite sides of the opening, each of said legs having elastic strips therein and stitched to the sheet while stretched.

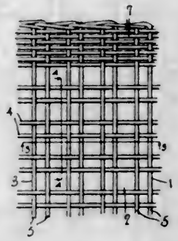
2,123,437
SKI POLES AND HIKING STICKS
Harold B. Ring, Brooklyn, N. Y.
Application November 27, 1936, Serial No. 112,868
9 Claims. (Cl. 280—11.37)



1. A device of the class described, comprising a metal tube, a steel point secured to the latter, a snap-on protector adapted to cover the end of said steel point, a removable fingerspread arranged on said tube, an enlarged portion disposed at the top of the tube and serving as a handle, removable straps in connection with said handle, and a somewhat ball-shaped knob secured to the top of the latter.

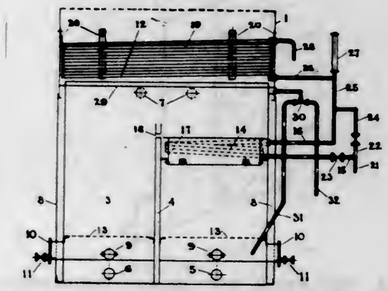
2,123,438
METHOD OF PRODUCING OPEN MESH BAGS
Wade E. Sackner and John E. Millett, Grand Rapids, Mich.
Original application October 21, 1936, Serial No. 106,744. Divided and this application March 18, 1937, Serial No. 131,626
1 Claim. (Cl. 139—389)

The method of producing paper mesh fabric for produce bags or the like, comprising disposing warp strands of twisted paper cord for weaving in spaced apart pairs with the individual strands of each pair disposed relatively close together and in opposite sheds, and weaving in twisted paper cord weft strands a pair to each take-up pick with the individual strands of each pair on opposite sheds of the warp, whereby the



weft strands are disposed in spaced apart pairs with the individual strands relatively close together and whereby each strand of weft or warp is kinked at its point of crossing each other strand.

2,123,439
METHOD OF DEGREASING
Joseph Savage, Weston Point, Runcorn, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
Original application May 5, 1933, Serial No. 669,610. Divided and this application October 7, 1935, Serial No. 43,888. In Great Britain May 6, 1932
1 Claim. (Cl. 87—6)

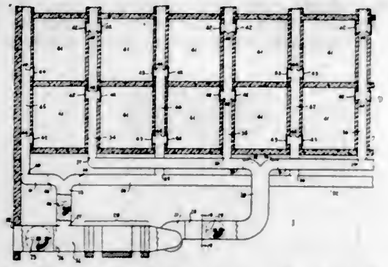


A method of degreasing materials with volatile solvents, which comprises treating the materials in a solvent vapor bath and limiting the upward extent of said solvent vapor bath by condensing the residual vapours by bringing them first into contact with cooling surfaces maintained at a temperature above the dew point of the atmosphere in which the operation is carried out, but substantially below the condensing temperature of the solvent, and then into contact with still cooler surfaces, the condensate from these last surfaces, which may be a mixture of solvent and water, being collected separately from that of the solvent vapours obtained from the first cooling surfaces.

2,123,440
AIR CONDITIONING SYSTEM
Clifford J. Schlafman, Dayton, Ohio
Application April 13, 1936, Serial No. 74,047
9 Claims. (Cl. 98—33)

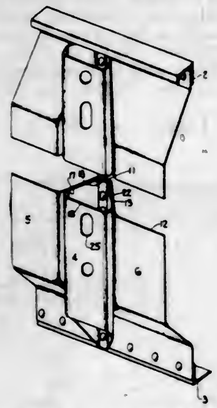
7. A register for air conditioning systems comprising a frame, air passage-way means communicating with said frame, a grille means on one end of said frame, an orifice plate on the

other end of said frame, said orifice plate being provided with an opening of fixed area arranged



to add resistance to the air directed therethrough.

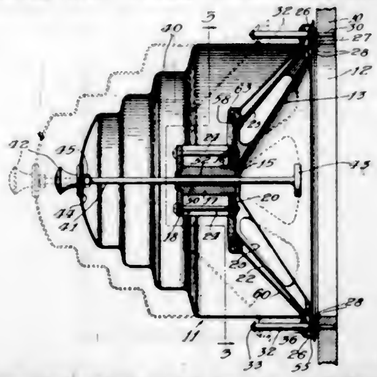
2,123,441
RAILWAY CAR WALL
Edgar E. Schlesinger, Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, a corporation of Delaware
Application March 22, 1937, Serial No. 132,230
9 Claims. (Cl. 105—409)



1. A wall for a railway car comprising an upper chord, a lower chord, a stake connecting said chords and wall sheets, each of said wall sheets comprising end marginal portions secured to said chords, side marginal portions, a central portion in a spaced apart plane from said marginal portions and sloping webs connecting said portions, said stake being of tubular section and having an outer wall, converging side walls substantially parallel with and engaging the sloping webs of the wall sheets, and an inner wall secured to the side margins of the wall sheets.

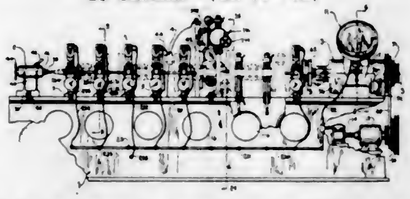
2,123,442
LOUD SPEAKER
John McWilliams Stone, Geneva, Ill., assignor to Zenith Radio Corporation, a corporation of Illinois
Application July 24, 1936, Serial No. 92,350
5 Claims. (Cl. 181—31)

1. A loud speaker comprising an apertured baffle, a diaphragm mounted on said baffle in registry with the aperture therein, means for actuating said diaphragm, a housing member providing a chamber in back of said diaphragm, means mounted on said baffle for adjustably mounting said housing member thereon and



means disposed in said housing member and movable therewith for damping the diaphragm.

2,123,443
BALANCING MACHINE
John Leonard Taylor, Milwaukee, Wis.; Grace Brindley Taylor, executrix of said John Leonard Taylor, deceased
Application November 3, 1933, Serial No. 696,559
13 Claims. (Cl. 73—51)

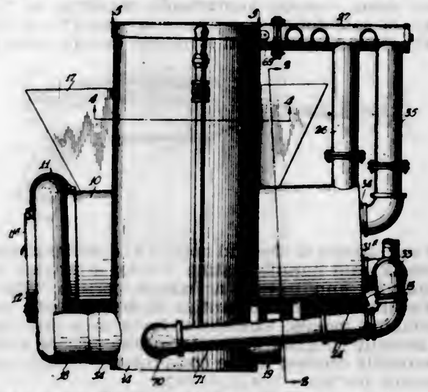


1. In a balancing machine including means for supporting a work piece for rotation under conditions approximating normal operation thereof, and means for rotating said piece, the combination of a bearing having a stationary portion contacting said work piece and a movable portion contacting said work piece and permitting deflection thereof away from said stationary portion under centrifugal forces developed in said piece by rotation of unbalanced weight therein, said movable portion being disposed to be moved by such deflections, and mechanism arranged to resist movement of said movable portion, and arranged to indicate the force necessary to substantially prevent deflection of said work piece and movement of said movable portion.

2,123,444
BOILER, FURNACE, OR THE LIKE
Joseph Edmond Thibaudeau, Shawinigan Falls, Quebec, Canada
Application July 10, 1936, Serial No. 89,862
3 Claims. (Cl. 122—135)

3. In a boiler or furnace of the character described, a plurality of upright water circulating cell units of different diameters and disposed within one another, said units having a plurality of radially disposed longitudinal and parallel hollow fin-like members and corresponding intermediate recesses, an adjoining wall laterally closing said recesses to form a plurality of fume flues, a fume collecting chamber located below said

cell units, a fume collecting chamber located above said cell units, a transverse partition in the lower fume collecting chamber dividing the same into a fume receiving section for directing the



fumes upwardly through a section of the cell units to the upper fume collecting chamber with the other section of the lower fume collecting chamber leading to an outlet.

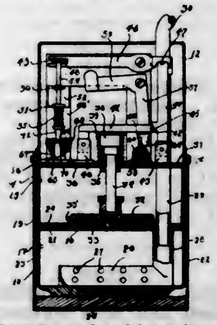
2,123,445
FILM DEVELOPING APPARATUS
John F. Van Leuven, Los Angeles, Calif.
Application September 7, 1937, Serial No. 162,637
15 Claims. (Cl. 271—2.3)



1. In a motion picture film handling device of the character described, the combination of: a spool over which a film is carried in such relation that shortening of said film will exert a force to move said spool; a drive roller placed so as to be engaged by said spool when the shortening of said film moves the same; means for rotating said drive roller; a lever supporting said spool so that it may be moved by the shortening of said film into engagement with said drive roller; and pivot means supporting said lever so that it will lie at an acute angle to a line passing through the centers of said spool and said drive roller.

2,123,446
LIFESAVING DEVICE
John Veenstra, Detroit, Mich.
Refiled for abandoned application Serial No. 154,450, December 13, 1926. This application November 12, 1936, Serial No. 110,505
5 Claims. (Cl. 9—19)

1. A device of the class described comprising a reservoir; a container mounted below said reservoir and communicating with said reservoir through an opening; a valve for closing and opening; a spring for normally retaining said valve in open position; a swingably mounted lever for retaining said valve in closed position



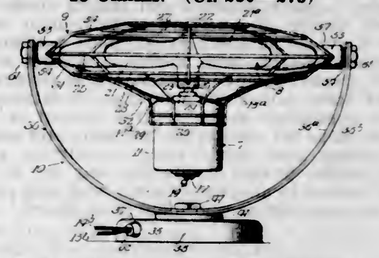
against the tension of said spring; a releasable mechanism for engaging said lever and latching the same in retaining position; and a trigger mechanism for releasing said latching mechanism at will.

2,123,447
SHAMPOO APRON
Fred M. Waite, Saranac Lake, N. Y.
Application September 24, 1936, Serial No. 102,430
7 Claims. (Cl. 2—48)



1. A shampoo apron comprising a shoulder portion, means for raising the outer portion of said shoulder portion, and a receptacle secured to the upper side of said shoulder portion.

2,123,448
AIR CIRCULATOR
Max Weber, Chicago, Ill.
Application March 22, 1937, Serial No. 132,223
15 Claims. (Cl. 230—273)



1. An air circulator comprising in combination a hollow guard, a fan wheel within the guard, an electric motor attached to and supported by the rear part of the guard and connected to drive the fan wheel, and a bracket adapted to support the assembly of motor, fan wheel and guard for universal adjustment, said bracket comprising a base and a U-shaped member having the central portion thereof pivotally connected to said base and its end portions extending around the guard

and pivotally connected to diametrically opposite side portions of the guard on an axis at substantially right angles with said pivotal connection between the base and central portion of the U-shaped member.

2,123,449
ALLOY
Henry L. Whitman, Los Angeles, Calif.
No Drawing. Application August 26, 1936, Serial No. 98,075
2 Claims. (Cl. 75—159)

1. An alloy having therein nickel 26 to 31.426%, manganese .491 to 2%, iron .491 to 1%, phosphorus .442 to 5% and copper to substantially make up 100% of the composition of the alloy.

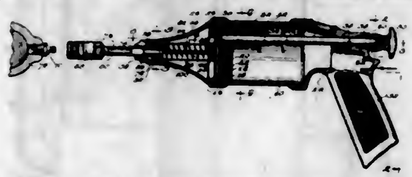
2,123,450
HAND OPERATED SEEDER
Henry E. Brandt and Axel Sorensen, North St. Paul, Minn., assignors to Dobbins Manufacturing Company, North St. Paul, Minn., a corporation of Minnesota
Application May 22, 1936, Serial No. 81,154
6 Claims. (Cl. 221—141)



1. A seeding device having in combination, a container for seed kernels having a bottom with an opening therethrough in the form of an arcuate slot, a plate beneath and spaced from said bottom having an aperture therethrough offset from said opening and a second plate oscillatably mounted between said bottom and first mentioned plate having several circumferentially spaced holes, all of different sizes therethrough, means connected to the central portion of said second plate for oscillating the same and means for holding said second plate in different positions relative to said means with any one of said holes located to alternately align with said opening and aperture as said plate is oscillated.

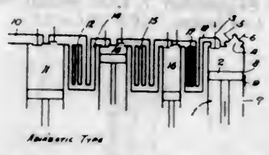
2,123,451
LUBRICATING APPARATUS
Joseph Bystricky, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application July 20, 1936, Serial No. 91,467
8 Claims. (Cl. 221—47.4)

1. In a high pressure lubricant compressor, the combination of a barrel forming a low pressure cylinder, high pressure pumping means secured to said barrel and operable by longitudinal movement of the barrel with respect to a lubricant receiving part, a follower piston reciprocable in said barrel, a guiding rod for said piston, said rod being located appreciably eccentric of the axis of said follower piston and eccentric of the axis of said barrel, and a handle casting secured



to said barrel at the end opposite to said pumping means, said handle casting having a bearing for said rod and having a handle portion with a gripping part in substantial alignment with said pumping means, whereby a force in a line substantially co-axial with said means may be easily manually applied to the compressor through said handle portion.

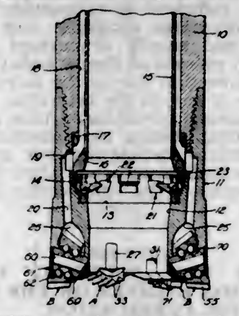
2,123,452
INTERNAL COMBUSTION ENGINE
Cabell Carrington, South Pasadena, Calif., assignor to Ellen P. Carrington, Pasadena, Calif.
Application May 20, 1932, Serial No. 612,495
2 Claims. (Cl. 123—32)



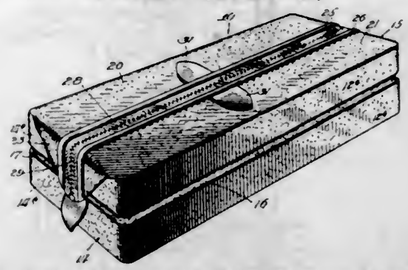
1. A method of operating an internal combustion engine provided with a mixing zone in communication with a combustion and expansion zone, comprising the steps of: compressing air exteriorly of the combustion and expansion zone along substantially isothermal lines by a plurality of alternate compression and cooling steps; injecting such air into the combustion and expansion zone and compressing said air in said zone; injecting fuel into the mixing zone; injecting an oxygen-containing gas at a superatmospheric pressure in excess of the pressure existing in the combustion and expansion zone and at a temperature sufficient to cause fuel to ignite in said mixing zone to initiate ignition of the fuel therein, the ignited fuel being introduced into the expansion zone to cause combustion and expansion to take place therein; and scavenging the combustion and expansion zone during the first part of the compression stroke by injecting compressed air into said combustion and expansion zone before compressing said air therein in cyclic operation of the method.

2,123,453
CORE DRILL CONSTRUCTION
Alfred C. Catland, Alhambra, and Philip C. Efromson, Whittier, Calif., assignors to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application August 11, 1937, Serial No. 158,514
15 Claims. (Cl. 255—72)

1. A cutter unit in a well drilling tool comprising, a cutter having an opening, a pin passing through the opening, a bushing on the pin, balls rotatably supporting the cutter on the bushing, and riveted over parts on the pin holding the bushing on the pin whereby the assembly may be handled as a unit.



2,123,454
CONTAINER
Charles Doppelt, Chicago, Ill.
Application April 13, 1936, Serial No. 73,995
3 Claims. (Cl. 190—48)

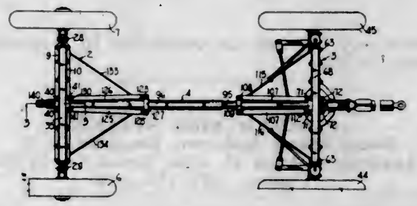


1. In a structure of the character described comprising a base, collapsible and extensible side walls, end walls, a pair of oppositely positioned closure flaps formed as a continuation of said side walls and adapted when folded to lie in a plane substantially parallel with said base, said flaps having foldable continuing end sections adapted to form the upper part of the end walls, supporting bars secured to each of said flaps and said continuing end sections and adapted to cooperate with said continuing end sections to maintain said flaps in an open position, means determining a fold-line between said end walls and said end section at the plane of the top, said flaps being of such width that as said flaps are moved to closing position the supporting bars will force said continuing end sections outwardly around said fold-line to exteriorly overlap the end walls, interlocking fastener elements secured adjacent each said supporting bar, and a co-acting slide adapted to interlock said fastener elements when said flaps are in closed position.

2,123,455
LEAD WELDING
Upton B. Thomas, Jr., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application May 20, 1936, Serial No. 80,789
3 Claims. (Cl. 113—112)

1. The method of welding parts composed chiefly of lead which consists in heating the parts to be welded to a temperature at which an objectionable amount of lead oxide is formed, converting the lead oxide into lead acetate by moistening the junction of said parts with a water solution of acetic acid and continuing the heating until the lead acetate is substantially completely volatilized and the required welding temperature is attained whereupon the welding of the parts is completed.

2,123,456
WHEELED VEHICLE
Miles H. Tuft, Rock Island, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application February 9, 1935, Serial No. 5,724
22 Claims. (Cl. 29—84)



1. The method of fabricating a wheel supported axle structure embodying a rigid member having an axle, on the ends of which the supporting wheels are journaled, connected to the ends of said member, which method comprises deflecting the axle within its elastic limit to give the proper pitch to said wheels, holding the axle deflected, permanently and securely connecting the ends of said rigid member with the end portions of said axle, and permanently connecting the intermediate portion of the axle in its deflected position to the central portion of the rigid member so as to hold the axle in its deflected position.

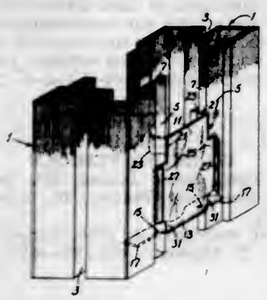
2,123,457
STABILIZED WHITE OIL
Robert E. Wilson, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application January 16, 1931, Serial No. 509,261. Renewed December 6, 1937
7 Claims. (Cl. 167—28)

7. The method of preventing highly refined viscous petroleum oils from deteriorating and forming acidic bodies, which comprises dissolving in said oil a small proportion of an alkyl aminophenol in which the alkyl group contains from 1 to 4 carbon atoms.

2,123,458
STRUCTURAL HOLDING CLIP
Henry G. Woehler and Walter J. Woehler, St. Louis, Mo., assignors to Niedringhaus, Inc., St. Louis, Mo., a corporation of Missouri
Application August 11, 1937, Serial No. 158,478
16 Claims. (Cl. 189—34)

1. A clip for joining spaced structural members having adjacent parallel lips comprising, a body, an angularly related and laterally disposed wing at one end of said body adapted in one position to pass between said lips and having a span greater than the distance between the lips, the wing having notches for accommodating the

lips, and spaced lugs at the opposite end of the body adapted to springingly engage said lips



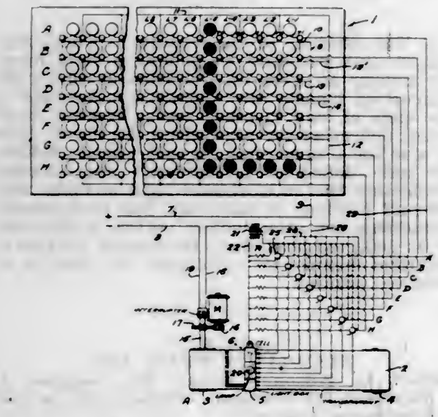
when said notches are positioned to accommodate the lips.

2,123,459

ELECTRIC SIGN SYSTEM

Johan Riberg Andersen, Brooklyn, N. Y.

Application April 17, 1936, Serial No. 74,992
3 Claims. (Cl. 177—350)



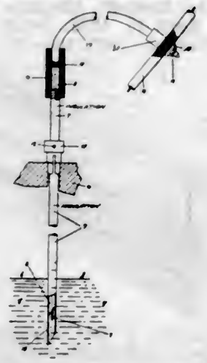
1. In an electric sign system, a row of glow discharge lamps having the characteristics that they maintain discharge at a lower voltage than that necessary to start a discharge therein, a source of current of a voltage sufficient to maintain discharge in said lamps but insufficient to start a discharge therein, connections from each lamp to the opposite terminals of said source, each of said connections, except the connections of the first lamp in the row, having therein a transformer secondary associated with a transformer primary of the preceding lamp connections and a transformer primary associated with a transformer secondary of a succeeding lamp, the relation of the voltage of the secondaries included in the connections to the lamps with respect to the voltage applied to the lamps being such that the voltage induced in the secondary of its transformer by the transformer primary will oppose the voltage of the source when current in the primary is established and aid the voltage of the source when current in the primary is interrupted, the connections of the first lamp in the row including the primary of a transformer for the secondary of the succeeding lamp, means for periodically interrupting the supply of current from said source to all of said lamp connections for a period sufficient to extinguish any lamp which is in discharge condition and for again establishing said supply of current while the voltage is still present in the secondary included in a lamp connection due to the interruption of the discharge, if any, in the preceding lamp connection and means operating in time relation to said interrupting means for determining after each interruption whether the first lamp in the row should be discharged or not after the current from said source to the connections is reestablished.

2,123,460

APPARATUS FOR STOPPING INTERNAL COMBUSTION ENGINES OR THE LIKE EMPLOYING OIL LUBRICATION

Hans-Wolfgang Burschkies, Berlin-Lichterfelde-Ost, Germany

Application March 10, 1936, Serial No. 68,144. Renewed March 14, 1938. In Germany April 2, 1935
4 Claims. (Cl. 123—196)



1. A means for stopping internal combustion engines employing oil for lubrication when a fault occurs in the oil supply, comprising a unit including an electrode in wire or pin-form connected to the engine ignition lead and mounted in, but insulated from, a tube, in the form of a measuring rod which serves as a second electrode and is earthed, said tube being longitudinally slotted at the lower end up to the point where the pin electrode passes out of insulation, to provide for the access of air to said tube when the oil level falls.

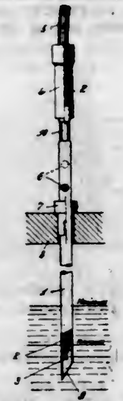
2,123,461

DEVICE FOR STOPPING INTERNAL COMBUSTION ENGINES OR THE LIKE EMPLOYING OIL LUBRICATION

Hans-Wolfgang Burschkies, Berlin-Lichterfelde-Ost, Germany

Application July 7, 1937, Serial No. 152,422
In Germany August 14, 1936
5 Claims. (Cl. 123—196)

1. Device for stopping internal combustion engines on the occurrence of a deficiency in oil or for the supervision of oil levels and the like, comprising the combination of an electrode in wire or rod form, which is connected to the high-tension ignition lead of the internal combustion engine, a conductive tube of rod form which serves as second electrode and is earthed and in which said first mentioned electrode is mounted in insulating material and means for closing the spark gap from the exterior, said means being



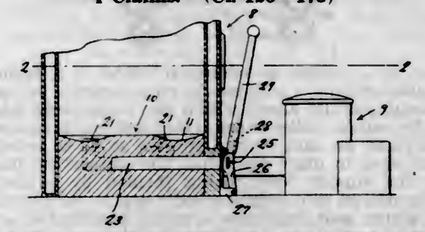
proof against the passage of flame but permeable to oil.

2,123,462

CLINKER LOOSENING MEANS FOR COAL STOKERS

Peter Christiansen, Jr., Racine, Wis.

Application April 13, 1937, Serial No. 136,655
4 Claims. (Cl. 126—173)



1. In a structure of the class described, a furnace, a refractory base therein, guide means imbedded in said base, a plunger in said guide means, said plunger being projectible and retractible and normally flush with the top of the base, means in the base for raising and lowering the plunger, and additional means for controlling said plunger raising and lowering means from the exterior of a boiler.

2,123,463

APPARATUS FOR THE MANUFACTURE OF YEAST

Ivan Auguste Effront, Seclin, France

Application April 6, 1935, Serial No. 15,116
In France April 7, 1934
4 Claims. (Cl. 195—142)



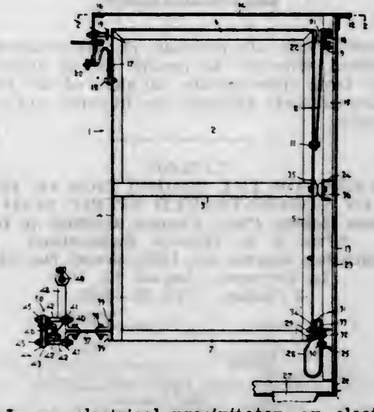
1. In an apparatus for the manufacture of yeast, the combination of a fermenting batch arranged for containing a liquid mass, an air elevating tube which is standing in said batch and the lower part of which communicates with the interior of said batch, the cross-section of said air elevating tube decreasing upwards in a gradual manner, and an air injecting pipe so arranged as to open in the bottom of said air elevating tube.

2,123,464

ELECTRODE RAPPING

Herman C. Engelman, Oakwood Heights, N. Y., assignor to Research Corporation, New York, N. Y., a corporation of New York

Application August 28, 1936, Serial No. 98,419
12 Claims. (Cl. 183—7)



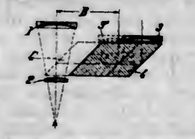
1. In an electrical precipitator, an electrode, means suspending said electrode for gyratory motion, anvil members positioned adjacent said electrode, at least one of said anvil members providing a fulcrum about which the electrode may oscillate when in contact therewith, and means for displacing said electrode from its normal position.

2,123,465

RANGE FINDER

Friedrich Wilhelm Gehrke, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

Application April 17, 1934, Serial No. 721,054
In Germany April 20, 1933
2 Claims. (Cl. 95—44)



1. A range finder which comprises in combination, a positive lens system, a negative lens system arranged at a substantial distance in front of said positive lens system and limiting half of the picture field, said positive lens system and negative lens system forming a Galilean finder, a prism constituting a parallelopiped arranged laterally to said finder and limited by two planes inclined to the optical axis of said finder, a negative lens arranged before the inclined plane of said prism remote from said finder, said prism and said negative lens limiting the other half of the picture field, and means for displacing said prism and said negative lens laterally in and out of the field of said finder.

2,123,466

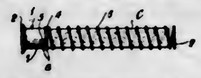
SAFETY CIGARETTE HOLDER

Edward S. Halsey, Arlington, Va.

Application June 30, 1937, Serial No. 151,292
5 Claims. (Cl. 131—51)

3. A safety cigarette holder including an ash holder consisting solely of an openly wound heli-

cal coil of fine wire, said ash holder completely surrounding the cigarette and having adjacent convolutions spaced apart but sufficiently close together to support the ash as it is formed, the spaces between the convolutions being suc-



cessively made air pervious as the cigarette is consumed, whereby to permit air to enter the holder from substantially all sides of the holder and immediately adjacent the burning end of the cigarette.

2,123,467

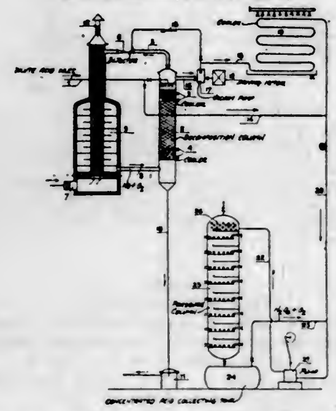
PROCESS FOR THE PRODUCTION OF HIGHLY CONCENTRATED NITRIC ACID

Tadeusz Hobler, Paris, France, assignor to Hydro Nitro S. A., Geneva, Switzerland

Application August 12, 1935, Serial No. 35,870

In Germany August 13, 1934

4 Claims. (Cl. 23—160)



1. A process for the manufacture of concentrated nitric acid from dilute nitric acid which comprises passing dilute nitric acid in counter current to a rising stream of hot gases containing NO and O_2 under pressure substantially below atmospheric to decompose the dilute nitric acid into NO_2 and H_2O, forming a gas containing NO_2, O_2 and H_2O and residual undecomposed nitric acid, cooling the gases produced by the decomposition of the nitric acid to condense out a portion of the H_2O and removing this H_2O together with residual undecomposed nitric acid, removing a portion of the gases from the decomposition of the nitric acid to a decomposition chamber, decomposing the NO_2 in said gases under pressures substantially below atmospheric by heating into NO and O_2, leading the gases from the decomposition of the NO_2 into contact with further quantities of dilute nitric acid to decompose the same into NO_2 and H_2O, removing the remaining portion of the gases from the decomposition of the dilute nitric acid and converting them to nitric acid.

2,123,468

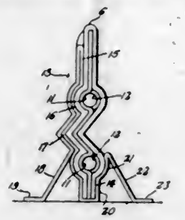
PERMANENT JOINT STRIP

Charles A. Johnson, Duluth, Minn.

Application November 25, 1936, Serial No. 112,797

4 Claims. (Cl. 94—18)

1. A joint strip adapted to be embedded in concrete, said strip having vertical and horizontal right angularly disposed grooves and ribs pressed therefrom to receive and engage plastic concrete, the grooves being on one side of the



strip and the ribs on a relatively opposite side of the strip, said ribs and grooves respectively intersecting each other.
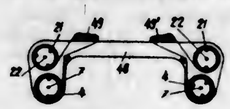
2,123,469

DEVICE FOR PLACING PROTECTIVE COVERINGS AUTOMATICALLY ON THE SEATS OF WATER CLOSETS

Camille Joriot, Lac-ou-Villers, France

Application December 12, 1935, Serial No. 54,128

2 Claims. (Cl. 242—55)



2. In a device according to claim 1, a second hollow spindle, a split elastic ring mounted on said second spindle about which the supporting head of the supply roller turns, a circumferential groove provided on said second spindle so as to receive and keep in place said ring, the supporting head of the supply roller being formed by a sleeve mounted on said second spindle and in the interior of which said ring rubs, a collar provided at one end of said sleeve and carrying pins engaging in the supply roller, a second shoulder provided at the other end, a collar arranged on the second spindle and engaging in said second shoulder, a threaded plug screwed to the hollow end of the second spindle and ensuring the maintenance in place of the unit, the sleeve being able to turn freely about said plug, said plug carrying a centering pin for the supply roller.

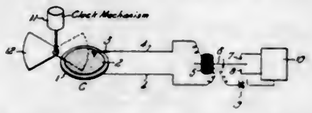
2,123,470

CONTROL DEVICE

Anthony H. Lamb, Elizabeth, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

Application May 10, 1934, Serial No. 725,017

26 Claims. (Cl. 250—41.5)



1. In a photoelectric control system, photoelectric means having an electrical output varying as a function of the illumination at said means, an electrical relay responsive to the electrical output of said photoelectric means, a load circuit controlled by said relay, and time controlled means for altering the sensitivity of the response of said relay to changes in the illumination at said photoelectric means.

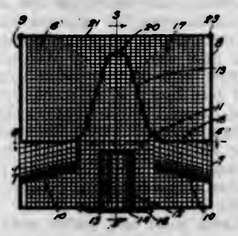
2,123,471

TRAP

Benjamine F. Lewis, Harryhogan, Va.

Application September 2, 1937, Serial No. 162,195

2 Claims. (Cl. 43—100)



1. A trap comprising a main body divided into bait and trap chambers, said main body having an entrance with a passageway leading into said bait chamber, a bait cup in said bait chamber, a partition of inverted U-shape dividing the bait and trap chambers, said inverted U-shaped partition having an opening at the top thereof to give communication to the trap chamber.

2,123,472

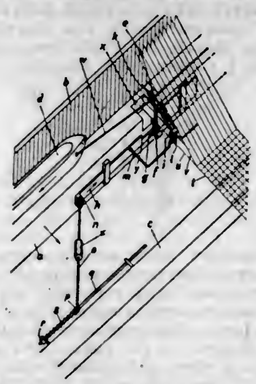
INTERMEDIATE WEFT STOP MOTION FOR LOOMS WITH FEELER AND LIFTER

Wilhelm Lohsse, Gladbach-Rheydt, Germany

Application July 9, 1935, Serial No. 30,551

In Germany July 12, 1934

6 Claims. (Cl. 139—376)



1. In a loom, an intermediate weft stop motion located within the shed comprising a feeler and a lifter, a lay, a single control part driven by the lay adapted to control both the feeler and the lifter, means adapted to prevent movement of said control part in the absence of a taut thread, and a single regulating device for adjusting the relative arrangement between a flying bobbin and said control part in the stop position.

2,123,473

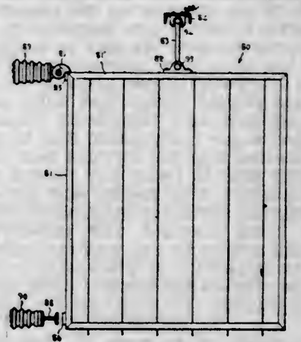
ELECTRODE RAPPING

Archibald F. Meston, Middlesex, N. J., assignor to Research Corporation, New York, N. Y., a corporation of New York

Application August 28, 1936, Serial No. 98,418

12 Claims. (Cl. 183—7)

1. In an electrical precipitator, an electrode, means supporting said electrode comprising a single movable pivot and anvil means positioned adjacent said electrode and means for displacing said electrode from its normal position and



for suddenly releasing it from its displaced position.

2,123,474

MULTI-PLY FABRIC

Frank R. Redman, Yardley, Pa.

No Drawing. Application April 1, 1937, Serial No. 134,458. In Great Britain April 15, 1936

13 Claims. (Cl. 154—46)

1. A multi-ply fabric for use in articles subjected to repeated laundering of which at least one of its plies has associated therewith, causing adherence of said plies, a thermoplastic blend of synthetic resins capable of softening at pressing temperatures, retaining adhesion at and below the boiling point of water and remaining substantially unaffected in color when subjected to repeated laundering, said blend of synthetic resins comprising a mixture of polymerized alkyl alkacrylate and at least one resin selected from the group consisting of:—polymerized alkyl esters of acrylic acid, polymerized vinyl esters of the lower aliphatic acids, a copolymer of vinyl chloride and vinyl esters of the lower aliphatic acids, and vinyl benzene, each of which resins in the blend lacks at least one of the aforesaid properties, but which are blended in the mixture in proper proportions to acquire all of the said properties.

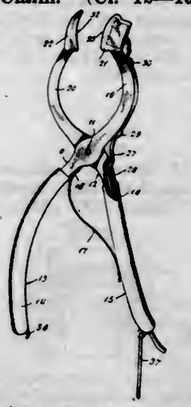
2,123,475

MEANS FOR SIZING SHOES AND THE LIKE

Abraham Sachs, Newark, N. J., assignor to Mary Sachs, New York, N. Y.

Application February 1, 1935, Serial No. 4,425

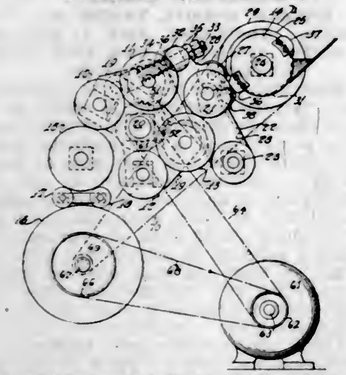
1 Claim. (Cl. 12—103)



A device for sizing shoes, comprising a plier arrangement having a pair of medially pivotally

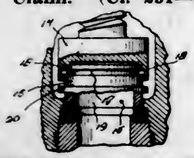
interconnected manually actuated crossing arms with gripping portions adapted to be grasped by the hands of the operator on one side of the pivotal element, a pair of jaw elements by which a manually exerted pressure may be applied to the upper of the shoe, said jaw elements being connected to extensions of said arms on the opposite side of said pivotal connections from said hand gripping portions, said jaws being elongated but of such size, shape and position that they may be readily inserted into the forward part of a relatively small shoe to reach any desired spot and means connected with one of said jaw elements for heating the same, the long edges of said jaw members being provided with embossments or grooves and removable cap members received upon said embossments or grooves to enable said shoes to be subjected to varying sizing operations.

2,123,476
INKING APPARATUS
Alfred Schlesinger, Aldwych, London, England
Application October 2, 1936, Serial No. 103,637
14 Claims. (Cl. 101—350)



1. An inking apparatus including, in combination, a series of rollers for transmitting ink from the ink-fountain roller to the printing-form inking rollers of a rotary cylinder printing machine, said series including two sets of ink-rubbing rollers supported for unitary movement into and out of an ink-receiving and an ink transfer position, one set of rollers rubbing a charge of ink as a charge of rubbed ink is transferred from the other set, and vice versa, means for rotating the rollers of said sets, and means for effecting the unitary movement of said sets at intervals of greater duration than the time required for one rotation of the printing cylinder.

2,123,477
VALVE
John M. Sheedy, Ontario, Calif.
Application April 19, 1937, Serial No. 137,848
1 Claim. (Cl. 251—27)



A valve of the character described comprising a vertical casing having a side inlet nipple and provided with an internal annular flange below said inlet nipple, a cap on the upper end of said body, a valve stem having threaded engagement with said cap and provided at its lower end with a valve head having a depending annular seat-engaging flange and formed with an external annular shoulder above said seat-engaging flange, a spout removably threaded in the lower end of said body and having a reduced upper end, a valve seat gasket fitted on the reduced upper end of said spout and clamped at its outer edge between the upper end of the spout and the internal flange of the body, the inner portion of the upper surface of said valve seat gasket being exposed for engagement by the seat-engaging flange of the valve head, the external flange of the valve head being positioned in spaced relation to and above the internal flange of the valve body when the seat-engaging flange of the valve head is engaged with the valve seat gasket, removal of the spout and valve seat gasket permitting seating engagement of the external flange of the valve head with the internal flange of the body for temporarily stopping most of the flow of fluid through the valve when the nozzle and valve seat gasket are removed for renewal of the latter, and a cylindrical enlargement rigid with the lower end of the valve stem and having a cylindrical socket in the bottom thereof, said valve head having a cylindrical upper portion rotatably fitting in the socket of said enlargement and provided with an external annular groove, and pins carried by said enlargement and engaging in said groove to swivelly connect said head to said enlargement.

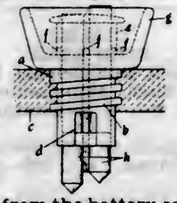
2,123,478
LIGHT REFLECTING DEVICE
Hobart Frederick Smith, Los Angeles, Calif.
Application March 10, 1936, Serial No. 68,095
1 Claim. (Cl. 88—80)



The combination with a coat sleeve, of a light reflecting signalling device comprising a lustrous flexible strip-like light reflecting element conforming to and extending at least half way around said coat sleeve, and means securing said light reflecting element on the coat sleeve so that said light reflecting element is readily removable from sight, said last-named means including a flexible tab carried by the light reflecting element along one longitudinal edge of the latter and stitched to the inside of the coat sleeve adjacent and along the lower edge of said sleeve, whereby the light reflecting element may be disposed at the outside or at the inside of the sleeve.

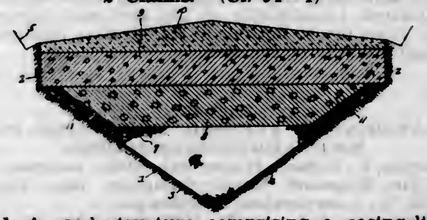
2,123,479
FILLING AND VENT PLUG FOR ELECTRIC STORAGE BATTERIES
George Douglas Spencer, Birmingham, England, assignor to Joseph Lucas Limited, Birmingham, England
Application November 4, 1935, Serial No. 48,218
In Great Britain April 2, 1935
2 Claims. (Cl. 136—177)

1. A filling and vent plug for an electric storage battery case, comprising the combination of a hollow body portion adapted to be screwed into the top of the battery case and having a closed inner end, lateral openings being provided in said body portion near its closed inner end, a cup surrounding the outer end of said body portion and forming a permanently open mouth whereby liquid can be caused to flow into the interior of said body portion from which the liquid passes into the battery case through said lateral openings, said cup also serving to receive



liquid escaping from the battery case through said body portion, and a hollow part situated in said cup over the outer end of said body portion so as to form an extension of the latter, said hollow part having a closed outer end beyond which said cup projects outwardly, and being provided at a position remote from its closed end with lateral openings leading to the interior of said cup.

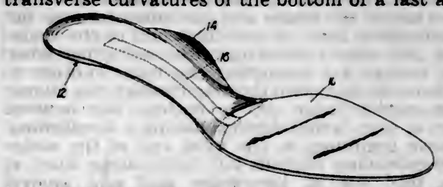
2,123,480
ROAD STRUCTURE
Elisha M. Stanley, Parkesburg, Pa.
Application April 22, 1937, Serial No. 138,408
2 Claims. (Cl. 94—4)



1. A road structure comprising a casing-like guard of galvanized metal including side flanges and a bottom of obtuse angled shape in cross section, respectively, and adapted to be embedded in the ground, a layer of earth in said guard, and a laminated structure of cement and stone built up on said layer, the lowermost lamination being spaced at its side edges from said flanges, and the remaining laminations fitting against the said flanges.

2,123,481
ORTHOPEDIC INSOLE
Charles T. Anderson, Cincinnati, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 23, 1935, Serial No. 32,761
2 Claims. (Cl. 36—71)

1. A reinforced insole unit comprising a full length flexible insole, a relatively stiff heel and shank reinforcing piece underlying the heel and shank portions of the insole at the side which is to face the outsole and having an integral lateral extension in its shank portion for supporting the inner longitudinal arch of the foot, and a metallic stiffener of uniform width interposed between the reinforcing piece and the insole, said stiffener lying throughout its length beneath said insole and being located substantially midway between the opposite lateral edges of the shank portions of the insole, and said reinforcing piece and the portion of the insole covered by it being curved both longitudinally and transversely to conform to the corresponding longitudinal and transverse curvatures of the bottom of a last and

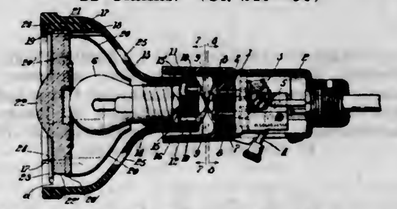


being permanently retained in said curved formation by means of cement whereby said parts are secured together.

2,123,482
PROCESS OF PREPARING MIXTURES OF RUBBER
Johan Richard de Jong, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application September 29, 1937, Serial No. 166,370. In the Netherlands October 6, 1936
2 Claims. (Cl. 106—23)

1. Process for the manufacture of pulverulent mixtures of rubber with carbon black comprising atomizing latex into a stream of heated air blowing approximately 15% by weight of carbon black into said atomized latex, said weight of carbon black being calculated on the weight of the resulting pulverulent mixture.

2,123,483
SEWING MACHINE LIGHTING FIXTURE
Wilfred O. Langille, Chester, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application February 20, 1937, Serial No. 126,795
11 Claims. (Cl. 240—90)

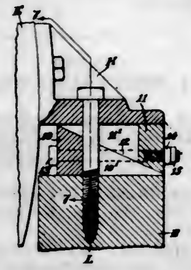


11. In an electric lighting device, a lamp-base receptacle having an insulating body and lamp-base-engaging contacts carried thereby, a pair of coaxial spiral springs each formed as an edgewise spiraled flat strip of spring metal and each fixedly anchored at one end to said insulating body and electrically connected to a respective one of said lamp-base-engaging contacts, a supporting body to which the other end of each of said springs is fixedly anchored, and current-supply means electrically connected to said springs.

2,123,484
ALIGNER
Guy Mafera, Revere, Mass.
Application July 15, 1937, Serial No. 153,767
1 Claim. (Cl. 254—104)

An aligner for adjusting a machine element relative to its supporting base, comprising a pair of wedges adapted to be reversed and assembled one upon the other with their inclined faces disposed in mutual contact, the inclined face of

each wedge having a longitudinal slot therethrough from top to bottom beginning at the thin end of the wedge and extending towards but terminating short of the thick end of the wedge and said slots registering with each other when the wedges are assembled one upon another to provide an elongated opening through the aligner continuously from top to bottom, the inclined face of each wedge further having a longitudinal groove beginning at the thick end of the wedge and extending towards but terminating short of the thin end of the wedge and said grooves registering with each other when the wedges are



assembled one upon another to provide a channel extending through the aligner continuously from end to end thereof, an adjusting and tensioning member disposed within said channel through the inclined faces of said wedges and having a head and nut respectively coacting directly with the thick end of said wedges for effecting longitudinal adjustment of one of said wedges relative to the other on rotation of said member, and a second member disposed vertically through the registering slots of said wedges and connecting said wedges to the machine element and its supporting base and permitting and holding the longitudinal adjustment of said wedges.

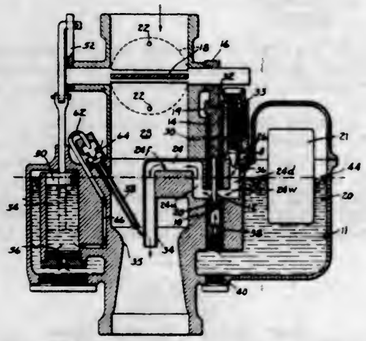
2,123,485

ANTERIOR THROTTLE CARBURETOR

Arlington Moore, Louisville, Ky., assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y., a corporation of Delaware

Application July 27, 1934, Serial No. 737,186

12 Claims. (Cl. 261—50)



1. In an anterior throttle carburetor, an intake passage, a throttle, a fuel passage, throttle actuated means including a cam for controlling the fuel passage opening, whereby the latter is in part varied with change in throttle opening, is in part varied substantially inversely to throttle opening, and in part is a fixed area, a primary air passage into which the fuel passage delivers, a fixed air opening for said primary air passage, and a variable air opening for said primary air passage controlled by engine intake vacuum, the fixed opening being posterior to the variable opening to admit air when the variable passage is closed.

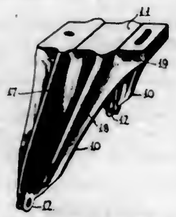
2,123,486

SLED KNEE

Theodore Mungen, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application March 19, 1937, Serial No. 131,762

3 Claims. (Cl. 280—27)



1. A sheet metal sled knee having a pair of leg portions diverging downwardly fore and aft from the deck of the sled to the runner, each leg portion increasing from bottom to top in its effective thickness transversely of the sled and increasing from top to bottom in its effective thickness longitudinally of the sled.

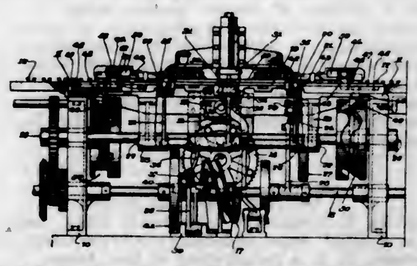
2,123,487

MATCH-STRIP FEEDING MECHANISM FOR MATCH BOOKING MACHINES

Lucian E. Parker, Wadsworth, Ohio, assignor to The Diamond Match Company, New York, N. Y., a corporation of Delaware

Application February 27, 1937, Serial No. 128,079

5 Claims. (Cl. 93—2)



1. Mechanism for feeding a match-strip step by step towards the match-strip cutting and match-card inserting elements of a match booking machine, each step being equal to the width of a card, said mechanism comprising a reciprocative member, a succession of equally spaced dogs pivoted to said member, each dog having a weighted foot overhanging the path of the match-strip, the distance between adjacent dogs being equal to the width of a match-card, and means for reciprocating said member, whereby the said dogs in their feeding strokes bear consecutively against the extremity of the strip, while in the return strokes the weighted feet of the dogs on the strip straighten out and hold down the match stems of the strips during their passage thereover.

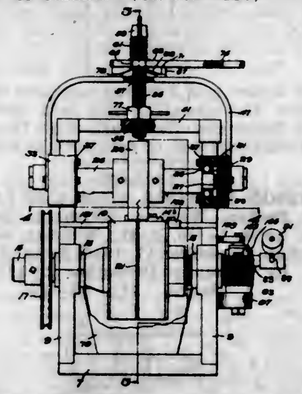
2,123,488

APPARATUS FOR MAKING SHOE TRIMMINGS AND THE LIKE

Leroy Q. Presby, Melrose, Mass., assignor to American Stay Company, East Boston, Mass., a corporation of Massachusetts

Application December 20, 1934, Serial No. 758,473

13 Claims. (Cl. 101—157)



1. Apparatus for applying a coating to a limited portion of the surface between the edges of a narrow elongated strip having, in combination, coating applying means comprising a driven roller having a portion of the surface thereof of less width than the strip formed to present a circumferential band of minute closely spaced depressions, means for guiding the strip into operative relation to said band, a presser roller cooperating with said driven roller for operating upon the strip and pressing it for the entire width thereof into contact with said driven roller, means capable of readily being rendered inoperative under the control of the operator for yieldingly urging said presser roller toward said driven roller, and means for urging said presser roller away from said driven roller under a lesser force than it is urged toward it by the last mentioned means.

2,123,489

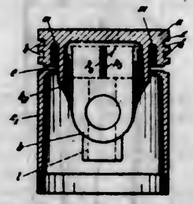
LIGHT METAL PISTONS FOR INTERNAL COMBUSTION ENGINES

Ernst Walter Schneider, Berlin, Germany

Application January 22, 1936, Serial No. 60,212

In Germany January 23, 1935

1 Claim. (Cl. 309—9)



A cast light metal piston for internal combustion engines comprising an upper head portion having a side wall adapted to carry piston rings, and a lower skirt portion having piston pin bosses, said head portion and said skirt portion being separated by a circumferentially extending air gap and being integrally connected together by opposed thick webs, in vertical alignment with said piston pin bosses, and opposed relatively thin webs intermediate said thick webs, all of said webs, depending from said head and being joined to said piston pin bosses, said thin webs being spaced inwardly from the side wall of said head, and a preformed metallic segment disposed in each of said thick webs, each of said segments having a lug extending inwardly therefrom and through a thick web, said metallic segments being spaced at least in part from the adjacent cast metal of the piston by spaces resulting from the shrinkage of said metal in cooling.

2,123,490

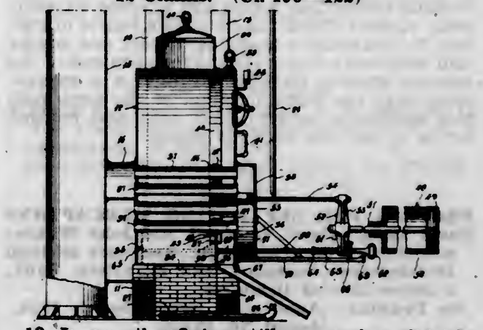
DECOKING AND REFINING APPARATUS

John H. Vital, New Orleans, La.

Application March 20, 1936, Serial No. 69,959

Renewed December 6, 1937

12 Claims. (Cl. 196—122)



12. In an oil refining still, a member slidable in said still, a segmental plate pivotally secured to said member and engageable with the bottom of the still to thereby scrape the bottom of the still upon movement of said plate, means for reciprocating said member and said plate within the still, a rod secured at one end to said plate and extending outwardly through an end of the still, a guide for said rod carried by said reciprocating means, a spring engaging about said rod and having one end abutting against said guide, an adjustable collar secured to said rod and engaging against the other end of the spring whereby to tension the spring, said spring constantly urging said plate to inoperative position, coacting means carried by said guide means and said rod for releasably holding said rod against movement, means for tripping a portion of said coacting means whereby to release said rod for movement by said spring to inoperative position adjacent the end of one stroke, and means active adjacent the end of the opposite stroke of said member and said plate to swing said plate to operative position.

2,123,491

PORTABLE LAMP

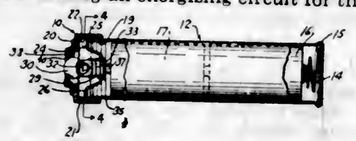
Robert G. Williams, Toledo, Ohio, assignor to The Usona Manufacturing Co. Inc., Toledo, Ohio, a corporation of Ohio

Application July 13, 1936, Serial No. 90,349

3 Claims. (Cl. 240—10.68)

1. A portable electric lamp including a housing having current conducting means and provided with an open end formed with threads; a light emitting head of translucent material having an end wall formed with a central opening and a tubular portion embracing said housing and provided with threads at its inner wall whereby the head engages and closes the end of said housing; a resilient current conducting member engaging the threads of said head and adjustably carried thereby having converging walls and a

central opening for supporting a lamp bulb by engaging a terminal thereof, said current conducting member being located in close proximity to the end wall of said housing whereby relative movement between the housing and head will cause the engagement of the current conducting member and housing current conducting means for establishing an energizing circuit for the lamp



bulb; and resilient means contacting with said housing conducting means and adapted to resiliently support within the housing a source of current by engaging a terminal thereof and urging said source of current toward the open end of the housing whereby its other terminal is in engagement with the other terminal of the lamp bulb and movement between said head and housing serves to flex said resilient means.

2,123,492

PROCESS FOR SEPARATING MERCAPTANS

David Louis Yabroff, Oakland, and John Wilkinson Givens, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application September 5, 1936, Serial No. 99,636

8 Claims. (Cl. 196—13)

1. In the process of separating mercaptans contained in a solution of an organic solvent for mercaptans which is liquid and substantially inert to cadmium hydroxide under the conditions of the treatment, the steps of reacting the dissolved mercaptans at substantially normal room temperature with a solid reagent free from acidic and strongly alkaline reacting substances whose only active component consists of cadmium hydroxide containing less than 30% water, and separating products of reaction from the solvent.

2,123,493

CELLULOSIC STRUCTURE AND METHOD OF PREPARING SAME

Francis P. Alles, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 18, 1934, Serial No. 758,094

17 Claims. (Cl. 18—54)

1. A non-fibrous, flexible, purified, dried cellulosic article of manufacture comprising essentially a reaction product of cellulose xanthate and an aldehyde.

2,123,494

PHOTOGRAPHIC CAMERA

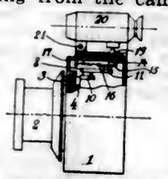
Oskar Barnack, Wetzlar, Germany, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany

Application August 6, 1935, Serial No. 34,887

In Germany August 11, 1934

3 Claims. (Cl. 95—44)

3. In a photographic camera, an objective, a cam lever operated by the objective when the latter is focused, a coincidence telemeter comprising a movable prism mirror and a semitransparent mirror in the same horizontal plane, a prism lever for operating the prism mirror, a cam on said cam lever for operating the prism lever, a tiltable view finder mounted upon the camera, a screw projecting from the camera for tilting



the view finder and a means actuated by the said cam lever for operating the said screw to tilt the view finder simultaneously with the operation of the prism whereby to compensate for parallax.

2,123,495

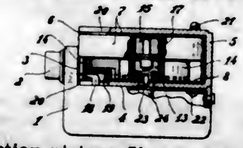
MOTION PICTURE FILM CONTAINER

Helmut Becker, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany

Application November 17, 1936, Serial No. 111,197

In Germany December 2, 1935

2 Claims. (Cl. 88—17)



1. A motion picture film container comprising a box having an open front, two film casettes in said box having film windows facing the front of the box, a supply spool of motion picture film supported in the lower half of the one casette and an empty winding up spool supported in the upper half thereof, another supply spool of motion picture film supported in the upper half of the other casette and an empty winding up spool supported in the lower half thereof and means for supporting the said box upon a motion picture camera in either one of two different positions to place either one of the casettes and its spool of film in photographing operative relation to the objective of a camera.

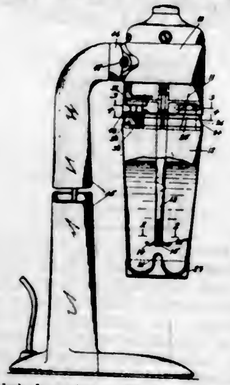
2,123,496

DRINK MIXER

George L. Briggs, Oneida, N. Y.

Refile for application Serial No. 29,453, July 2, 1935. This application December 15, 1937, Serial No. 179,943

11 Claims. (Cl. 259—108)



1. In a drink-mixer, the combination with an electric motor having a receptacle-engaging portion at its lower end and a motor controlling

switch mechanism having an operating member located within the boundaries of the receptacle-engaging portion to be engaged and disengaged by the receptacle, said motor carrying a depending agitator arranged to be operated by the motor, of a receptacle having its upper end arranged to be rotated into locking engagement with and held by the receptacle-engaging portion of the motor, and after the first part of said rotation to encounter and operate the operating member of said switch mechanism, said receptacle enclosing said depending agitator.

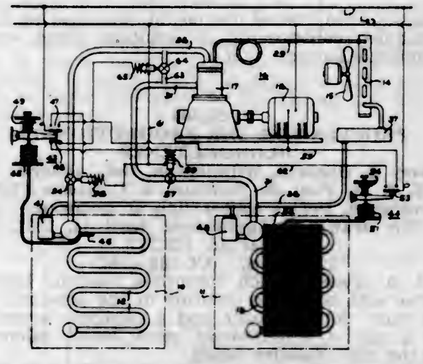
2,123,497

TWO-TEMPERATURE REFRIGERATING APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application November 11, 1936, Serial No. 110,203

6 Claims. (Cl. 62—115)



1. In refrigerating apparatus, the combination of relatively high and low temperature refrigerant evaporators, a mechanism having first and second inlets for refrigerant vaporized in the evaporators, means for establishing communication between the low temperature evaporator and said first inlet during periods when the low temperature evaporator is active, means for also establishing communication between the higher temperature evaporator and said second inlet during periods when both of said evaporators are active and means for establishing communication between the higher temperature evaporator and both of said inlets when only the higher temperature evaporator is active.

2,123,498

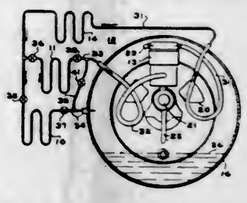
REFRIGERATING APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application November 11, 1936, Serial No. 110,204

5 Claims. (Cl. 62—115)

1. In a refrigerating system having first and second refrigerant evaporators, the combination of a compressor mechanism including a cylinder and a piston movable therein, a casing for hermetically enclosing said compressor mechanism, said cylinder having a first inlet port for refrigerant vaporized in the first evaporator and a second inlet port communicating with the space within the hermetic casing for refrigerant vaporized in the second evaporator, a conduit for conveying refrigerant vaporized in the first evaporator to said first inlet port of the compressor, said conduit extending through the hermetic



casing and a second conduit for conveying refrigerant vaporized in the second evapcrator to the interior of said hermetic casing.

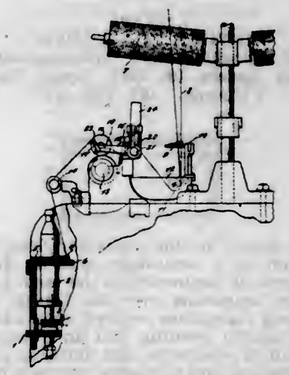
2,123,499

LAP PREVENTER

William M. Camp, Glen Ridge, N. J., assignor to The Clark Thread Company, Newark, N. J., a corporation of New Jersey

Application March 8, 1937, Serial No. 129,566

3 Claims. (Cl. 117—30)



1. A lap preventer for twisting frames or the like comprising a driven feed roller, a tension roller disposed above said feed roller, means guiding thread downwardly back of said rollers, whereby said thread may pass beneath the feed roller and thence rearwardly between the two rollers, rearwardly inclined bearings loosely supporting said tension roller, the tension of the thread normally maintaining the tension roller forwardly in substantial contact with the feed roller and the adjacent contacting surface of the feed roller moving rearwardly, whereby upon breaking of the thread the feed roller will move the tension roller rearwardly on its bearings out of contact with the feed roller, and a carriage pivotally mounted on the machine rearwardly of the rollers and having forwardly extending arms supporting said bearings.

2,123,500

PACKER AND SETTING TOOL

Walter L. Church, Houston, Tex.

Application December 28, 1936, Serial No. 117,744

16 Claims. (Cl. 166—10)

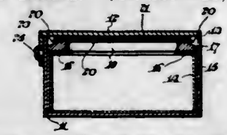
1. The combination with a tubular screen, of a valve movable into one position to open the lower end of the screen and into another position to close said lower end, a tubular operating

string and means arranged to be actuated idly upon rotation of the string in one direction and



to actuate the valve to closed position upon rotation of the string in the other direction.

2,123,501
POWDER CONTAINER
James F. Cunninghame, Collingswood, N. J.
Application August 10, 1937, Serial No. 158,290
3 Claims. (Cl. 229—43)



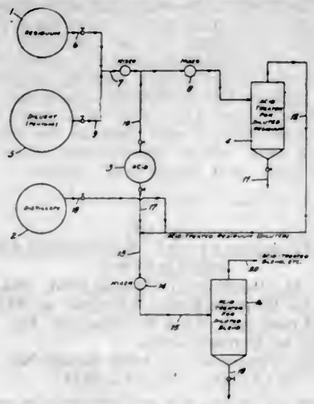
1. In a device of the character described, the combination of a container open at the top, a flanged element connected to the open container, said flange projecting over the top of the container, a cap formation secured upon said flange, having a central opening and an upwardly projecting bead of relatively rigid material surrounding said opening and a closure having a moisture-proof yielding surface for cooperation with the bead.

2,123,502
TEXTILE FIBER
Martin Eli Cupery, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 15, 1936, Serial No. 64,159
6 Claims. (Cl. 91—68)

1. A method of producing artificial fibers relatively stiff and resilient in character comprising treating a filamentous material with a solution the essential ingredient of which is acetone-insoluble cellulose triacetate containing about 2.7 to about 3 acetyl groups per glucose unit.

2,123,503
METHOD OF REFINING BLENDED LUBRICATING OILS
Eddie M. Dons and Dwight B. Mapes, Tulsa, Okla., assignors to Mid-Continent Petroleum Company, Tulsa, Okla., a corporation of Delaware
Application July 10, 1936, Serial No. 89,921
5 Claims. (Cl. 196—40)

1. In the art of refining blended lubricating oils, the steps which comprise treating a viscous petroleum residuum with sulfuric acid, thereafter adding a less viscous lubricating oil dis-



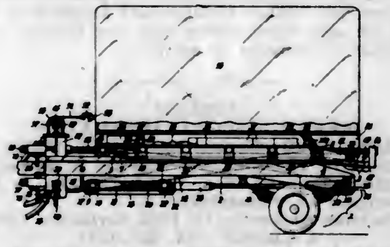
tillate to the treated viscous oil, and treating the combined constituents of resultant blend with additional sulfuric acid.

2,123,504
PROCESS FOR THE PRODUCTION OF CHLOROBUTENES
Harry B. Dykstra, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 24, 1937, Serial No. 138,747
15 Claims. (Cl. 260—162)

1. A process which comprises reacting butadiene with hydrogen chloride in the presence of an inert liquid diluent and a catalytic amount of a salt of a polyvalent metal below calcium in the electromotive series.

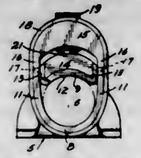
12. In the production of crotyl chloride, the step which comprises treating chloro-3-butene-1 with a catalytic amount of a salt of a polyvalent metal below calcium in the electromotive series.

2,123,505
MOTOR TRUCK
Robert Faries, St. Davids, Pa.
Application July 29, 1936, Serial No. 93,185
12 Claims. (Cl. 214—65)



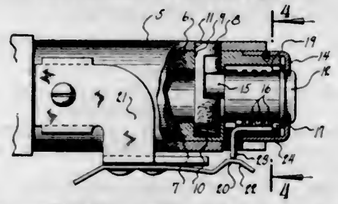
1. A motor truck comprising a chassis frame; a supplemental horizontal frame associated with the chassis frame; a pair of lazy-tong bars connecting the supplemental frame with the chassis frame; axially-aligned actuating screws with associated nut-blocks for the crossed bars; and sleeve means whereby said actuating screws can be concurrently operated to raise and lower the supplemental frame, or one of them operated alone to tilt said supplemental frame.

2,123,506
SOLDERLESS LUG
Ferdinand Frankel, Jr., New York, N. Y.
Application September 15, 1936, Serial No. 100,801
3 Claims. (Cl. 173—269)



1. In a device of the character described, a blade formed of flat metal folded intermediate its length, the ends of said blade being spaced apart and oppositely channeled to form jaws providing a substantially circular pocket for a cable end, one jaw being slidable between the side walls of the other jaw, a stiff shoe resting on the outer surface of one of said blade ends, a yoke overstanding and straddling said shoe and engaging the edges of the other blade end, means for interlocking said engaging edges to prevent independent longitudinal movement of said yoke and blade end, a strap surrounding all of said parts, and a screw passing through said strap and threaded through said yoke and engaging said shoe to force the latter forwardly, for the purpose described.

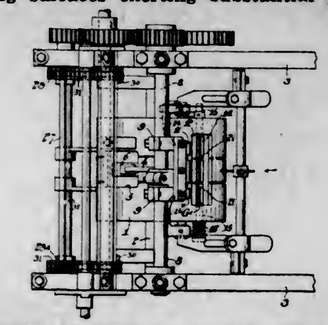
2,123,507
LOCK SWITCH
Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application August 9, 1935, Serial No. 35,491
15 Claims. (Cl. 200—55)



1. In combination with a key operable lock having a casing, a cylinder in the casing and a tumbler movable in the cylinder and biased to a locking position from which it is movable by a key, switch means comprising cooperable contacts one of which is the tumbler, the other contact being engaged by the tumbler only when the key is removed and the tumbler is in its locking position.

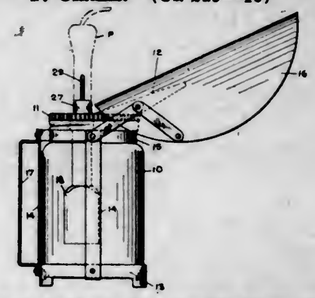
2,123,508
BAG MACHINE
John Koenig, Philadelphia, Pa., assignor to Benjamin C. Betner Company, Devon, Pa., a corporation of Delaware
Application March 15, 1937, Serial No. 130,823
6 Claims. (Cl. 93—27)

3. A bag-forming machine comprising structure for transporting a bag-blank, bag-closing mechanism operating upon said blank during its transport by said structure, mechanism to hold the bag-blank for operation thereon of said bag-closing mechanism comprising relatively movable gripper jaws carried by said structure, and blade structure for creasing the bag-blank during its transport by said structure to form a thick, multi-ply fold between said gripper jaws, at least one of said jaws having projections extending a short distance from its gripping surface toward the gripping surface of the other jaw to compress said thick fold at localized areas, said gripping surfaces exerting substantial pressure



along said fold where not locally compressed by said projections, and said blade structure having notches to straddle those sections of the fold compressed by said projections.

2,123,509
ELECTRIC VAPORIZER
Nicholas Lawner and Samuel Duberstein, Brooklyn, N. Y., assignors to American Sundries Company, Inc., a corporation of New York
Application September 5, 1935, Serial No. 39,282
17 Claims. (Cl. 219—40)

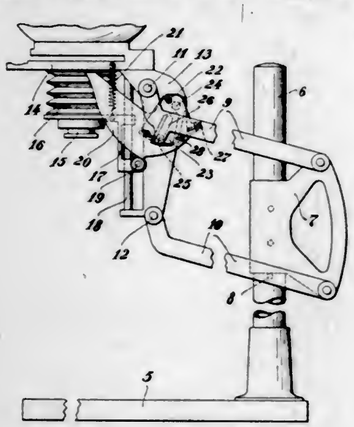


1. In a vaporizer, the combination of a receptacle for the fluid to be vaporized, a cover for the receptacle including thereon a vapor directing spout, and a heating element for the device having electric terminals above the cover for engagement by a detachable plug, and further including electrodes below the cover, a unitary or one piece insulating member enclosing the same, and electrically conductive means, connecting the electrodes and terminals, for supporting the insulating member and electrodes below the cover of the receptacle.

2,123,510
ENLARGING APPARATUS
Ludwig Leitz and Christian Luz, Wetzlar, Germany, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany
Application December 9, 1936, Serial No. 114,939
In Germany January 13, 1936
3 Claims. (Cl. 88—24)

1. A photographic enlarging apparatus including an objective and a base, a bracket for supporting the objective, a lever for moving the bracket to adjust the position of the objective relative to the base for enlarging purposes, a focusing cam operatively connected to the ob-

jective, a member interposed between the focusing cam and the bracket, means for pivoting said member to the bracket, means for pivoting the focusing cam to the said member in eccentric adjustable fixed relation to the said first pivot



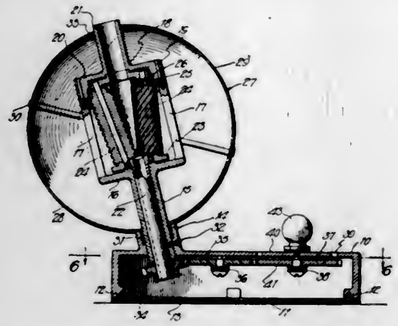
and means on the said lever in constant operative engagement with the said interposed member for moving the same together with the focusing cam around said first named pivot to automatically focus the objective with relation to the adjusted position thereof.

2,123,511

PENCIL SHARPENING DEVICE

Herman Lobel, Brooklyn, and Louis Di Spalatro, New York, N. Y.

Application July 30, 1935, Serial No. 33,818
2 Claims. (Cl. 120—96)



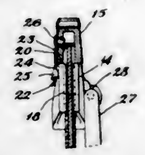
1. A pencil sharpening device comprising a flat hollow base, a pencil holder fixed to said base and extending upwardly and outwardly, a rotary pencil sharpening mechanism journaled in said pencil holder, an actuating crank handle turnably mounted in the top of said hollow base, driving mechanism housed within said hollow base and operatively connecting said actuating crank handle and said rotary pencil sharpening mechanism, whereby the downward and inward pressure imparted to a pencil when inserted within said holder will act against the horizontal rotary force manually imparted to said actuating crank handle to maintain the device relatively immovable during a pencil sharpening operation, and a removable housing carried by said pencil holder and enclosing said rotary pencil sharpening mechanism.

2,123,512

SEPARABLE FASTENER

Davis Marinsky, Bronx, N. Y., assignor to Whitehall Patents Corporation, New York, N. Y., a corporation of New York

Application October 22, 1936, Serial No. 106,961
13 Claims. (Cl. 24—205)



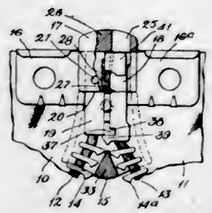
1. In separable fasteners employing stringers and a slider movable longitudinally on the stringers for coupling and uncoupling the same, an end stop at one end of the stringers limiting the movement of the slider in the direction of said end of the stringers, a yielding coupling part arranged upon the outer surface of said end stop and extending longitudinally thereof with the free end of said part projecting onto the stringer beyond the body portion of said end stop, the free end of said yielding part and slider being provided one with a projection and the other with an aperture receiving the projection for coupling the slider to said stop to prevent displacement of the slider therefrom, and means movable relatively to the end stop and cooperating with the yielding part thereof for controlling the coupling and uncoupling of the slider with said end stop.

2,123,513

SLIDER END STOP COUPLING FOR SEPARABLE FASTENERS

Davis Marinsky, Bronx, N. Y., assignor to Whitehall Patents Corporation, Bronx, N. Y., a corporation of New York

Application February 2, 1937, Serial No. 123,611
20 Claims. (Cl. 24—205)



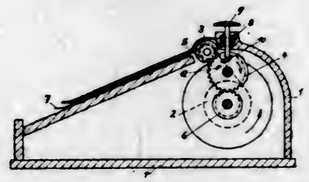
1. In separable fasteners employing stringers and a slider movable longitudinally of the stringers to couple and uncouple the same, an end stop coupling one end of said stringers, a latching or coupling element movably supported within the end stop to move upwardly and downwardly with respect to the upper and lower walls thereof, said slider being movable into close proximity to said end stop, and interengaging means on the slider and said element for retaining the slider against displacement from said end stop in at least one position of said element, and means for normally supporting said element in said position.

2,123,514

DEVICE FOR DELIVERING SLIPS OF MEMORANDUM PAPER

Friedrich Martens, Hamburg, Germany

Application March 17, 1936, Serial No. 69,251
5 Claims. (Cl. 281—11)



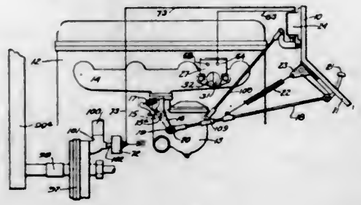
3. A device for delivering memo-slips printed with advertising matter, comprising a reel on which a paper strip composed of memo-slips is adapted to be wound, a closed casing containing said reel and including a writing support, an abutment member adapted to rotate as and when said reel rotates, a locking member adapted normally to prevent said abutment member from rotation, a release member adapted to influence said locking member so as to permit said abutment member to rotate and a spring normally holding said release member in one end position of its movement.

2,123,515

ATTACHMENT FOR INTERNAL COMBUSTION ENGINES

Lester H. Messinger, Jr., Trumbull, Conn., assignor to Messinger Devices, Incorporated, Bridgeport, Conn., a corporation of Connecticut

Application April 8, 1936, Serial No. 73,232
12 Claims. (Cl. 123—124)



1. The combination in an internal combustion engine, means including an electrically operated valve for stopping the flow of fuel to the engine, a constant voltage circuit to operate said valve, means controlling said circuit, a second constant voltage circuit included in said last means, and other means controlled by the engine speed and controlling the second mentioned circuit.

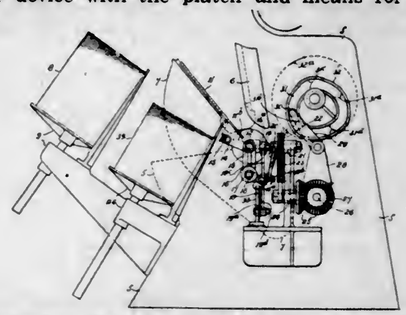
2,123,516

PLATEN PRINTING PRESS

Frank Sydney Thompson, Manchester, England, assignor to T. C. Thompson & Son, Limited, Manchester, England

Application April 30, 1937, Serial No. 139,934
In Great Britain May 31, 1935
4 Claims. (Cl. 101—287)

1. In a platen printing press, the combination comprising an oscillatable platen, a gripper device for removing a printed sheet from the platen, means directly connecting the platen and the gripper device for effecting oscillation of the gripper device with the platen and means for reciprocating the gripper device along its axis of oscillation.



2,123,517

PROCESS OF TREATING SMOKELESS POWDER

Richard G. Woodbridge, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 27, 1935, Serial No. 56,343
2 Claims. (Cl. 52—20)

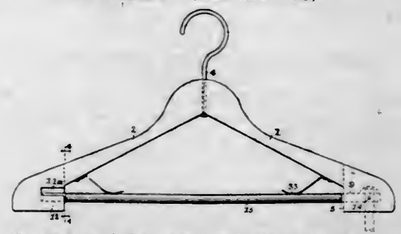
2. The process of restoring the chemical stability of diphenylamine-stabilized nitrocellulose powder grains while retaining the grains in substantially their original form, which comprises treating the grains with ethyl alcohol while maintaining the temperature within the range of 30° C. and 40° C., and impregnating the powder with fresh diphenylamine.

2,123,518

GARMENT HANGER

Bozhidar M. Yankovitch, Paterson, N. J.

Application November 23, 1935, Serial No. 51,240
2 Claims. (Cl. 223—88)



1. A garment hanger including as two independently formed parts a bow having one extremity provided with an upwardly facing abutment and a bar traversing the bow and movable upwardly and having one end portion thereof thereupon adapted to seat on said abutment, the other extremity of the bow having the other end portion of the bar connected therewith and including a stop against which said other end portion abuts before the first-named end portion of the bar may seat on said abutment when the bar is moved upwardly, and said bar being flexible and elastic.

2,123,519

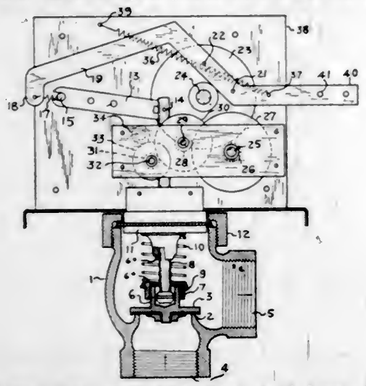
MOTOR CONTROL VALVE

Harold S. Ackerman, Pontiac, Mich.

Application February 10, 1936, Serial No. 63,286
7 Claims. (Cl. 137—139)

1. A snap action motor valve for the control of fluids comprising in combination a valve, a plurality of springs operative to open and close the

valve, one of said springs being normally operative to bias said valve to closed position, means including the other of said springs operative to snap the valve to open position, a lever for actu-



ating said last named spring, said lever being connected at one end for angular movement to a gear reduction mechanism and at its free end to the last-named spring, and an electric motor for driving said mechanism.

2,123,520

PROCESS OF MAKING ALDEHYDES

Dale Friend Babcock, Elmhurst, and James Herbert Werntz, Marshallton, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 20, 1934, Serial No. 749,174

23 Claims. (Cl. 260—138)

1. The process of preparing the corresponding aldehydes from long-chain primary alcohols which comprises passing a mixture containing a long-chain primary alcohol and oxygen over a silver containing catalyst at a temperature in excess of 400° C.

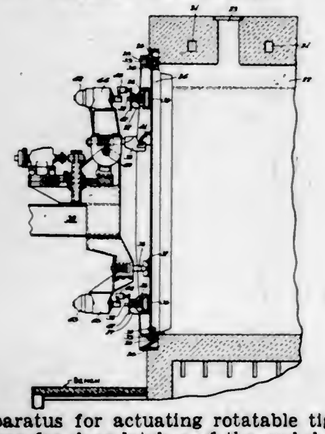
2,123,521

COKE OVEN DOOR OPERATING MECHANISM

Ragnar Berg, Pittsburgh, Pa., assignor to Koppers Company, a corporation of Delaware

Application May 1, 1936, Serial No. 77,311

7 Claims. (Cl. 212—4)



1. Apparatus for actuating rotatable tightening devices for door latches of the end doors of a battery of horizontal coke ovens comprising: a carriage movable along the side of the battery from oven to oven into position to severally manipulate the tightening devices for the door latches of the respective ovens; a power driven reversible motor, a driven shaft therefor; speed reducing gearing attached to the motor driven shaft; a low speed shaft driven by the reducing gearing; a crank directly connected with the low speed shaft for rotation thereby, and an arm on said crank fixed for rotation therewith for cooperatively engaging the tightening devices of the respective doors, said elements being so stationarily mounted in fixed position on an advanceable portion of the carriage that when the portion of the carriage is positioned in place in front of the respective doors and advanced relative to the carriage into position for cooperative engagement with other parts of the door to open or close the same the crank arm is thereby automatically positioned for cooperative rotary engagement of the arm with the tightening devices of the latches upon starting of the motor.

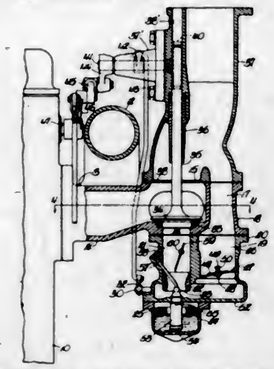
2,123,522

CARBURETION SYSTEM FOR ENGINES

Harry F. Bryan, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application April 18, 1936, Serial No. 75,067

11 Claims. (Cl. 123—27)



3. An air intake system for solid injection engines provided with an auxiliary volatile mixture supply system which comprises an inlet manifold having upper and lower walls, aligned openings formed in said walls, a vertical by-pass conduit open at its ends formed adjacent said manifold, an air inlet member having one branch communicating with the upper end of said conduit and another branch communicating with the opening in the upper wall of the manifold, a carbureter formed with an air inlet passage communicating with the lower end of said conduit and a mixture passage communicating with the opening in the lower wall of the manifold, a vertically movable valve in alignment with the openings formed in the inlet manifold and means for moving said valve to close either the upper opening in the manifold whereby air passes through the carbureter or to close the lower opening whereby the carbureter is cut out of the circuit and whereby air flows directly from the inlet member into the manifold.

2,123,523

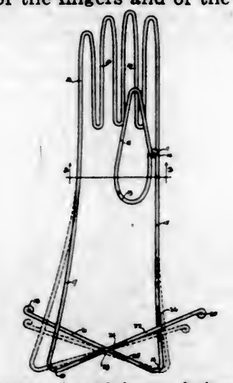
GLOVE STRETCHER

Claude R. Clyde, Grand Coulee, Wash.

Application December 21, 1936, Serial No. 116,940

3 Claims. (Cl. 223—80)

1. In a glove stretcher, a one-piece frame of formed resilient material having finger and wrist portions in one plane and a thumb portion extending inwardly of the frame and at an angle to the plane of the fingers and of the wrist portion,



the extremities of said frame being inturned and interlacing with the wrist portions and having abraded friction surfaces at points of engagement with each other and with the wrist portions of the frame.

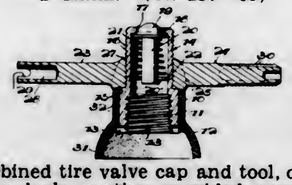
2,123,524

TIRE VALVE TOOL

George F. Colley, Jacksonville, Fla., assignor to Merchants and Manufacturers Inc., Jacksonville, Fla., a corporation of Florida

Application June 5, 1937, Serial No. 146,686

1 Claim. (Cl. 137—69)



A combined tire valve cap and tool, comprising a tubular body portion provided near one end with internal screw threads for engagement with the screw threads of the stem of the tire valve, said tubular body portion being provided at the outer end of the internal screw threads with an internal die having slots to cut or restore the threads of the valve stem, the tubular body portion having its outer end portion reduced for affording a shoulder arranged between the ends of the tubular body portion, a handle having a screw threaded opening to receive the reduced screw threaded portion of the tubular body portion and to have clamping action with the shoulder, said handle extending radially beyond the tubular body portion on opposite sides, the tubular body portion having its reduced portion provided at its free end with an opening and a valve seat, a spring pressed inwardly opening check valve arranged within the reduced portion to engage the valve seat, and a flexible guard surrounding the tubular body portion beneath the handle and projecting outwardly beyond the internal die for a substantial distance for covering the slots thereof.

2,123,525

LOCKING MECHANISM

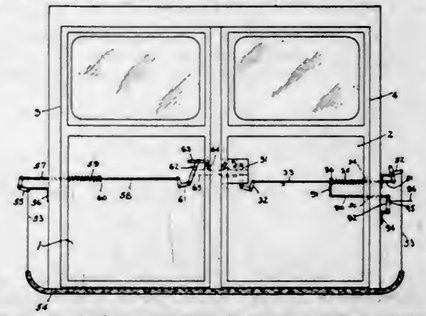
Edward D. Dall, Cleveland, Ohio, assignor to Walter F. Wright, Shaker Heights, Ohio

Application February 4, 1931, Serial No. 513,297

Renewed December 13, 1932

26 Claims. (Cl. 70—26.4)

1. In combination with a vehicle door, means for holding said door closed, means for releasing said holding means, and spring repelled means extending through a peripheral edge of said



door adapted upon actuation to render said releasing means ineffective to release said holding means.

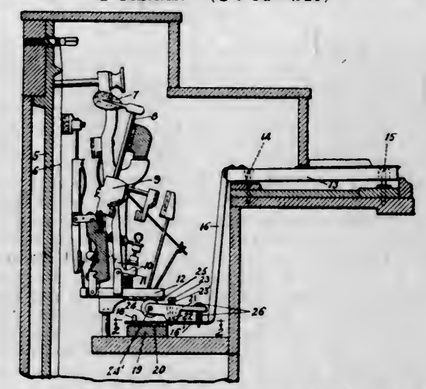
2,123,526

PIANO ACTION

Ashley A. Davidson, Los Angeles, Calif., assignor of thirty-one percent to Vaughn Gilbert and twenty percent to Mortimer Rich

Application September 27, 1937, Serial No. 165,867

4 Claims. (Cl. 84—240)



1. A piano action for connecting the key thereof with the hammer thereof, through the wippen, which includes a depending member connected at its upper end with the rearward end of the key, and at its lower end having an angle portion, a lever pivotally supported on said angle portion, said lever having means at one end for adjusting it, and anti-friction means interposed between the other end of said lever and said wippen, whereby the movement of said lever moves said wippen and said hammer.

2,123,527

DEVICE FOR ATTACHING LICENSE PLATES

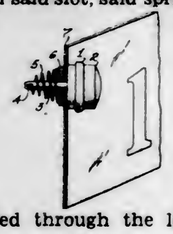
Harry Golden, New York, N. Y., assignor to Magna Products Corp., New York, N. Y.

Application September 15, 1937, Serial No. 164,047

3 Claims. (Cl. 85—5)

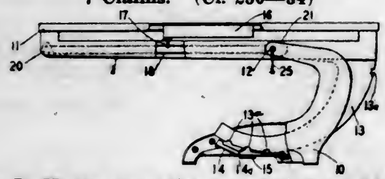
1. A device for securing a license plate to a cross bar, comprising a head, a pin of uniform diameter projecting from one side of the head and having a slot in the free end thereof, and a coiled conical spring encircling said pin, the diameter of the smallest coil of the spring being greater than the diameter of the pin, said spring

having the end thereof adjacent the smallest coil held tightly in said slot, said spring being adapted



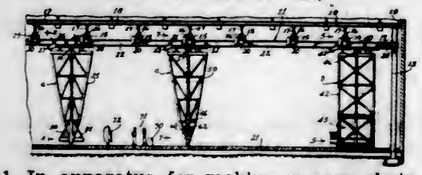
to be threaded through the license plate and cross bar.

2,123,528
X-RAY APPARATUS
Edwin R. Goldfield, University Heights, and Caperton B. Horsley, Gates Mills, Ohio, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio, a corporation of Ohio
Application March 6, 1937, Serial No. 129,420
7 Claims. (Cl. 250—34)



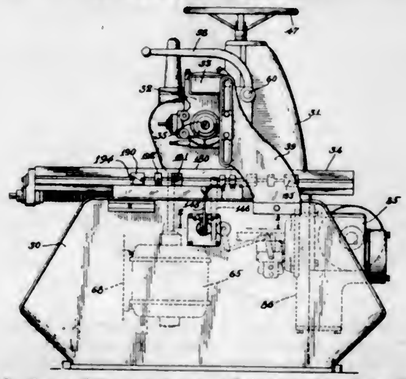
1. In X-ray apparatus comprising a table and a carriage movable therealong, a flexible endless conveyor member connected to said carriage, a rotatable drive member in driving relation with said conveyor member, means for rotating said drive member including a rotatable shaft, a saw tooth clutch having a jaw fixed to said shaft and a coacting movable jaw in driving relation with said drive member, said movable jaw being movable axially of said shaft and rotatable relative thereto, there being a shoulder substantially a fixed distance from said fixed jaw and limiting the movable jaw to axial movement less than the depth of said saw teeth, and means preventing rotation of said movable jaw upon rotation of the parts from the conveyor end of said drive in a direction to cause relative axial movement between said jaws.

2,123,529
APPARATUS FOR MAKING PROCESS SHOTS IN MOTION PICTURE PHOTOGRAPHY
Stephen Goossón, Hollywood, Calif., assignor to Columbia Pictures Corporation of California, Ltd., a corporation of California
Application April 3, 1936, Serial No. 72,612
4 Claims. (Cl. 88—16)



1. In apparatus for making process shots in motion picture photography: a stage floor; a supporting member pivotally mounted at one end to swing horizontally over the floor; camera, screen and projector units suspended from the supporting member in that order and means for moving said units relative to each other free of the floor; and means for swinging the supporting member.

2,123,530
MACHINE TOOL
Bengt Granberg and Fred R. Swanson, Rockford, Ill., assignors to Sundstrand Machine Tool Co., Rockford, Ill., a corporation of Illinois
Application April 19, 1934, Serial No. 721,304
27 Claims. (Cl. 90—21)

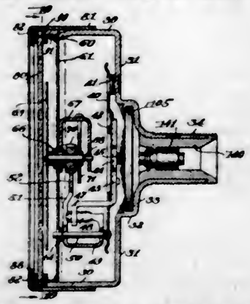


13. A machine tool comprising, in combination, a base, a support reciprocably mounted thereon, electric motor actuating means for reciprocating said support at feed and traverse speeds, electrical governing means for said actuating means, and a single control operable manually to start and stop said support and operable either manually or automatically to determine the rate and direction of movement of said support.

2,123,531
CHEWING GUM BASE CONTAINING CYCLIC AROMATIC PETROLEUM RESINS
George A. Hatherell, Roscoe, Calif., assignor to Frank A. Garbutt, Los Angeles, Calif.
No Drawing. Application July 11, 1936, Serial No. 90,183
4 Claims. (Cl. 99—135)

1. A chewing gum base consisting of a cyclic aromatic petroleum resin and natural gum.

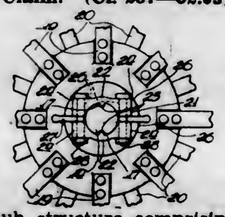
2,123,532
GAUGE CONSTRUCTION
Herbert Hastings, Brighton, and George E. Ford, Rochester, N. Y., assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y., a corporation of New York
Application June 11, 1936, Serial No. 84,662
10 Claims. (Cl. 73—110)



9. A gauge comprising a metal casing, a pressure responsive diaphragm mounted in said casing, a portion of said casing being deformed into

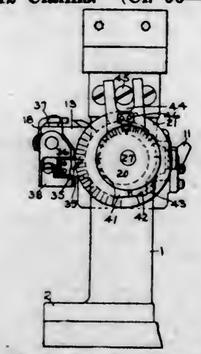
overlying relation to said diaphragm to hold said diaphragm in place within said casing, a pivot member in said casing, gear segment means mounted for oscillation on said pivot member, means operatively connecting said gear segment means to said diaphragm to move said gear segment means in accordance with movements of said diaphragm, a dial plate, a gear mounted on said dial plate for meshing with said segment means, and means in said dial plate cooperating with said pivot member to locate said dial plate in predetermined position relative to said pivot member to insure proper meshing of said gear with said segment means.

2,123,533
TRACTOR WHEEL
Edward A. Johnston, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application November 17, 1933, Serial No. 698,446
1 Claim. (Cl. 287—52.03)



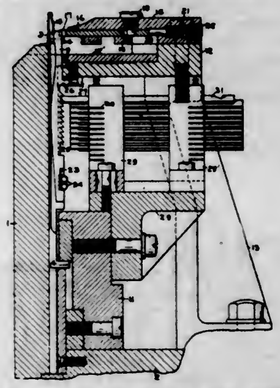
A wheel hub structure comprising a pressed steel annular hub plate, two spaced apart hub members each consisting of a clamping portion for engaging an axle and a substantially semi-annular flange extending from the clamping portion, said flanges being permanently secured to the hub plate, said hub plate being slotted outwardly from the center in line with the space between the clamping portions to provide flexibility for clamping said members on an axle, said hub plate being slotted only a portion of its radial width whereby sufficient rigidity is retained to withstand twisting and lateral strains, and means for engaging the clamping portions of the securing members with an axle.

2,123,534
CAM BLOCK FOR KNITTING MACHINES
Robert H. Lawson and William L. Smith, Jr., Pawtucket, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application August 3, 1935, Serial No. 34,579
In Canada August 9, 1934
12 Claims. (Cl. 66—57)



5. A cam block for knitting machines comprising as a unitary structure, a support, needle cams and sinker cams operatively connected to said support.

2,123,535
SPRING NEEDLE KNITTING MACHINE
Robert H. Lawson, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application June 3, 1936, Serial No. 83,322
In Canada July 15, 1935
14 Claims. (Cl. 66—102)



3. In a knitting machine of the type described the combination of spring beard needles and pressers cooperating therewith, means for causing the pressers to press needle beards when selected, said means being ineffective to act on pressers not selected and selecting means functioning directly upon said pressers and constructed to be manually set for selecting said pressers according to a predetermined pattern requirement.

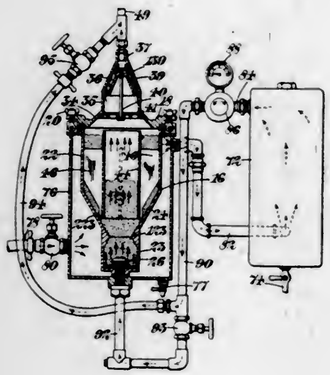
2,123,536
PROCESS FOR THE MANUFACTURE OF MULTICELLULAR GLASS
Bernard Long, Paris, France, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain, Chauny & Cirey, Paris, France.
No Drawing. Application May 27, 1935, Serial No. 23,709. In France May 28, 1934
12 Claims. (Cl. 49—77)

1. The process for the manufacture of multicellular glass, which comprises mixing solid comminuted vitreous substances with a pulverized substance capable of giving up gases, heating the mixture to a temperature at which the particles of the comminuted substance become soft and are joined to each other by mere contact, the second-mentioned substance being capable of producing gases at said temperature, interrupting the heating when the gases developed within the vitreous mass increase the volume thereof to the desired extent whereby cells are formed which are separated one from the other, and then cooling said mass, whereby multicellular glass of predetermined apparent density is produced.

2,123,537
METHOD AND APPARATUS FOR SPRAYING POWDER OR THE LIKE
Philip George Marr, Walton-on-Thames, England
Application May 29, 1936, Serial No. 82,545
In Great Britain June 18, 1935
9 Claims. (Cl. 91—45)

1. A method of spraying powder from a con-

tainer by means of air compressed to several atmospheres pressure admitted into the powder below its free level which always lies below the outlet of the container to provide a cloud space at the top of the container, consisting in subdividing a main current of highly compressed air within the body of the powder, near the bottom of the container, into streams of air bubbles or air pockets which flow in the powder towards the outlet of the container, aerate the powder substantially throughout its depth, and on leaving the free level of the powder carry particles with them and produce a cloud, removing moisture from the compressed air by cooling it prior to its admission to the container, and utilizing the heat of the compressed air to heat the powder container to a temperature above that of the cooled air admitted into the powder.



4. Apparatus for spraying powder, comprising a container for powder having an outlet spaced away above the free level of the powder for the discharge from a cloud space above said free level of the air having powder suspended therein, an air-admission aerating device for air at superatmospheric pressure situated in the container near the bottom thereof to aerate the powder throughout its depth and produce a cloud of air and powder in said cloud space, and guide means constituted by an upwardly directed tube that is open at both ends and has its lower end spaced away from the lower portion of the side wall of the container above the aerating device to form an annular gap, and has its upper end situated in said cloud space.

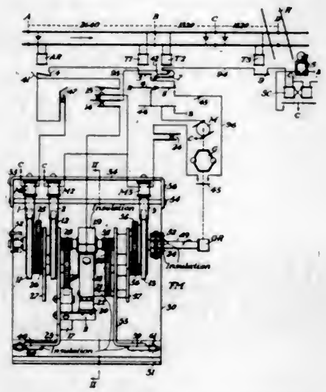
2,123,538

APPARATUS FOR THE CONTROL OF HIGHWAY CROSSING SIGNALS

Paul N. Martin, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application April 26, 1935, Serial No. 18,308
Renewed April 24, 1936
26 Claims. (Cl. 246—130)

20. In combination, an insulated track section, a track circuit for said section including a normal track relay connected across the rails at one end of the section and a source of current and an auxiliary track relay serially connected across the rails at the other end of the section, and a control circuit including a back contact of said



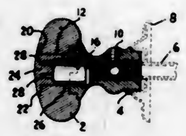
normal track relay and a front contact of said auxiliary track relay in series.

2,123,539

DOORKNOB

Sigurd P. Morgen, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a corporation of Connecticut

Application March 1, 1938, Serial No. 193,233
2 Claims. (Cl. 292—347)



1. A door knob comprising a knob cap having an axial aperture and a counter-bored recess at the inner end of said aperture, a knob shank having one end received in said recess and having an axial aperture in alinement with the aperture in said knob cap for receiving one end of a spindle, said knob cap and said end of the knob shank having a tongue and slot connection between them to prevent relative turning movement thereof, and a tubular plug insert extending into the outer end of said aperture in the knob cap and having a flange engaging the outer side of said knob, the inner end of said insert being screw-threaded into the inner end of said shank, and the outer end of the insert being closed and its inner end open.

2,123,540

TREATMENT OF INHIBITORS

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application November 17, 1934, Serial No. 753,510
9 Claims. (Cl. 23—239)

1. A process for the treatment of wood tar to improve its inhibiting properties in respect to preventing deterioration of motor fuels which comprises, subjecting the said wood tar to a polymerizing treatment in the presence of a polymerizing salt of a metal.

2,123,541

TREATMENT OF INHIBITORS

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application December 20, 1934, Serial No. 758,444
8 Claims. (Cl. 23—239)

1. A process for increasing the inhibiting value of the oily distillates of wood tars having anti-oxygenic properties, which comprises treating the distillate in vapor phase with a hydrogen halide in the presence of a metal reactive with the halide.

2,123,542

TREATMENT OF INHIBITORS

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application December 20, 1934, Serial No. 758,445
7 Claims. (Cl. 23—239)

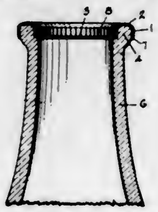
1. A process for increasing the inhibiting value of wood tars having anti-oxygenic properties and oily distillates thereof, which comprises treating the tar material with a hydrogen halide in the presence of a metal reactive with the halide.

2,123,543

METHOD OF FORMING ARTICLES FOR MANIPULATING AND CONTAINING MATERIALS

James R. Morris, Perrysburg, Ohio, assignor, by mesne assignments, to George J. Lincoln, Jr., trustee

Application July 2, 1936, Serial No. 88,572
4 Claims. (Cl. 18—56)



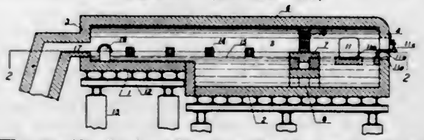
1. The method of forming articles from sheet cellulosic material which consists in wax-impregnating blanks cut from the said cellulosic material, then enveloping the blanks in a humid atmosphere until a uniform dampness is produced throughout the fibres of the blanks, and die-pressing and shaping the blanks by high pressure.

2,123,544

METHOD OF MELTING AND REFINING GLASS

William A. Morton, Mount Lebanon, Pa., assignor to Amco, Incorporated, Pittsburgh, Pa., a corporation of Pennsylvania

Application February 14, 1935, Serial No. 6,435
1 Claim. (Cl. 49—77)



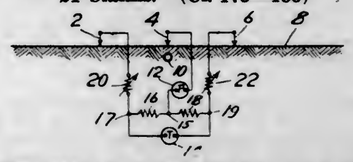
The method of melting and refining glass in a furnace divided into communicating melting, refining and working chambers, which comprises feeding the glass batch materials to the melting chamber in the presence of a reducing heating environment, directing the melted glass materials to the refining chamber, thence to the working chamber and varying the level of the glass in the working chamber to thereby control the velocity of the flow of molten glass from the melting hearth.

2,123,545

ELECTRICAL MEASURING METHOD AND APPARATUS

John M. Pearson, Aldan, Pa., assignor to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey

Application March 7, 1935, Serial No. 9,907
21 Claims. (Cl. 175—183)



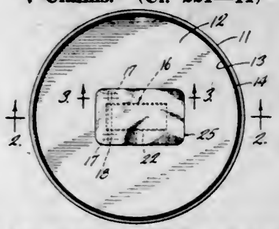
1. The method of determining characteristics of current flow adjacent the surface of the ground including locating three electrodes in electrical contact with the ground, two of the electrodes being connected to a meter shunted by an impedance, and the third electrode being connected through a second meter to the impedance intermediate the ends thereof, balancing the circuit so that the second meter is non-responsive to variations in potential produced between the ends of said impedance and then observing simultaneously the indications of current flow through said meters.

2,123,546

SEALED PACKAGE AND CLOSURE THEREFOR

Floyd R. Perkins, Chicago, Ill.

Application July 1, 1937, Serial No. 151,343
7 Claims. (Cl. 221—11)



1. In a hermetically sealed container enclosing a space of subatmospheric pressure, comprising a metal wall provided with an opening and subject to expansion and contraction with fluctuations in temperature, a shock-absorbing member removable in such opening, and a peelable sealing member having a permanently tacky adhesive surface extending beyond the limits of such opening, such surface being adhesively joined to said shock-absorbing member and to the section of said wall circumscribing the wall opening.

2,123,547

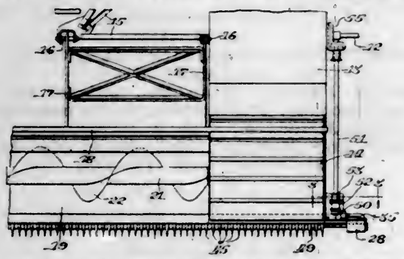
SICKLE DRIVE FOR HARVESTERS

Clemma R. Raney, Riverside, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application July 6, 1936, Serial No. 89,072
6 Claims. (Cl. 56—122)

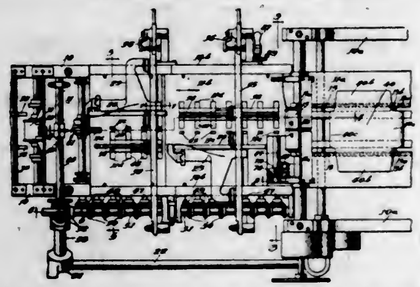
5. In a harvester thresher comprising a transverse platform and a longitudinal feeder housing

at the stubbleward end thereof, a bar extending transversely in front of the platform and feeder housing with the bar extending stubblewardly of the latter and carrying a reciprocatory knife having a head structure in front of the platform and feeder housing, said housing being mounted for up and down movement about a horizontal transverse drive shaft, the combination with said knife



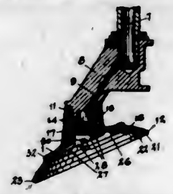
of a longitudinal shaft carried alongside the stubbleward side of the housing for driving the knife, said shaft being driven from the transverse pivot shaft and mounted to swing up and down with the housing about its axis, means including a pitman connected with the head structure to drive the knife from said shaft, and a guide for the pitman and the head structure carried on the stubbleward extension of the bar.

2,123,548
ENVELOPE MACHINE
Ernst C. Sauerman, Chicago, Ill.
Application December 7, 1935, Serial No. 53,306
10 Claims. (Cl. 93—62)



5. An envelope making machine including means for scoring an envelope blank to define a closing flap, a bottom flap and side flaps, means for advancing the blank, means for gumming one of the side flaps for adhesive securement to the other, and separate, longitudinally spaced apart means arranged on opposite sides of the longitudinal center line of the machine, for successively folding said side flaps one upon the other, said folding means being laterally adjustable to accommodate different size blanks, said advancing means including two sets of longitudinally spaced apart driving rollers arranged in opposite relation to the respective folding means, and each set including a series of transversely disposed power driven rollers having relatively wide faces, and idler rollers mounted in peripheral contact with the power rollers for feeding the envelope blanks in a forward direction, said idler rollers being laterally adjustable, toward or away from the corresponding folding means, for engaging different surface areas of said power rollers, for accommodating different size envelope blanks.

2,123,549
VACUUM CUP
Percy Q. Williams, Toledo, Ohio
Application April 23, 1936, Serial No. 76,023
3 Claims. (Cl. 248—363)



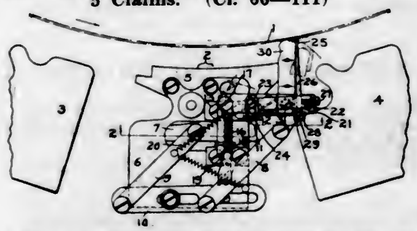
1. In a vacuum cup for securing an object to a supporting surface, a plurality of coaxially arranged ridges located in spaced relation, an outer ridge forming an air-sealing ridge, and each ridge inwardly of said outer ridge having vent means interconnecting the spaces between the said ridges.

2,123,550
GOLF BAG
Theodore S. Cart, Princeton, N. J., assignor to Atlantic Products Corporation, Trenton, N. J., a corporation of New Jersey
Application December 23, 1936, Serial No. 117,248
2 Claims. (Cl. 150—1.5)



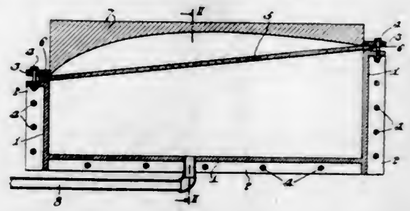
1. A golf bag comprising a casing, a panel cut out of said casing at a point intermediate its ends, a patch of different material covering the aperture in said casing formed by the removal of the panel, said panel being split and having material inserted between the edges formed by the split serving to enlarge the area thereof, a gusset secured to the edges of said enlarged panel and depending therefrom, said gusset being secured to said casing adjacent the edges left by the removal of said panel.

2,123,551
LATCH OPENER
Augustin Gagné, Central Falls, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application April 2, 1936, Serial No. 72,342
5 Claims. (Cl. 66—111)



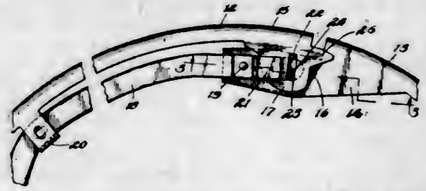
1. In a knitting machine, a needle bed, latch needles maintained in said bed, a latch opener having in combination a latch engaging and opening instrumentality and means for acting upon needles and pressing against their hook sides to maintain them in alignment as they engage and pass the opening instrumentality.

2,123,552
APPARATUS FOR SHAPING THERMOPLASTIC SHEETS
Edward L. Helwig, Bristol, Pa., assignor to Rohm & Haas Company, Philadelphia, Pa.
Application November 19, 1936, Serial No. 111,650
2 Claims. (Cl. 18—56)



1. Apparatus for shaping organic thermoplastic sheet material which comprises in combination a pressure chamber having an opening adapted to receive a sheet of organic thermoplastic material, means for clamping said sheet across the opening of said chamber, means for admitting a fluid under pressure to said chamber, a mold adapted to coact with the opening in said chamber and to be moved away therefrom by the sheet material being pressed against it at a pressure that is insufficient to transfer the texture of the mold surface to the thermoplastic sheet.

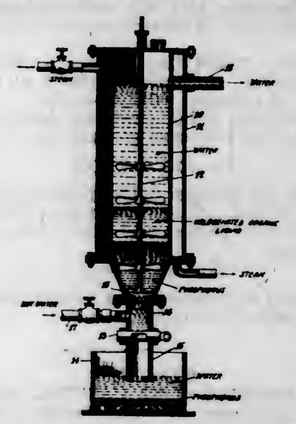
2,123,553
CONTAINER CLOSURE
Alfred Kaehler, Chicago, Ill., assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application June 20, 1936, Serial No. 86,323
7 Claims. (Cl. 220—61)



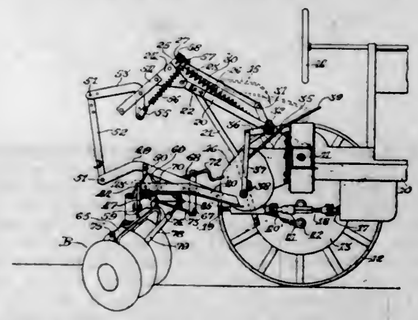
1. A closing ring of the character set forth having a lug on one end extending inwardly and circumferentially beyond the other end when in closed position, and an inwardly extending lug on the opposite end which overlies the first named lug when in closed position, and a closing lever which has a substantially straight inner end pivoted at the end of the first named lug at a point closely adjacent the inner periphery of the ring with its short end having a movable pivotal connection with the second named lug at a point adjacent the opposite end of the ring and close to the inner periphery thereof whereby the lugs will be moved to overlying position when the ring is closed.

2,123,554
PURIFICATION OF CRUDE PHOSPHORUS
Simon Klosky, Westfield, N. J., assignor to The American Agricultural Chemical Company, Newark, N. J., a corporation of Delaware
Application March 5, 1937, Serial No. 129,174
15 Claims. (Cl. 23—223)

9. In a method of recovering liquid yellow phosphorus from a mass containing the same and foreign particles, the steps of agitating the mass with water and a chlorinated hydrocarbon liquid which is inert to phosphorus, lighter than phosphorus and immiscible therewith; allowing the liquids to stratify in layers with the liquid phosphorus at the bottom, and in the chlorinated hydrocarbon foreign particles which have been separated from the phosphorus; and withdrawing the phosphorus layer; all while maintaining the yellow phosphorus in the liquid state.



2,123,555
IMPLEMENT ATTACHMENT FOR TRACTORS
James Morkovski, Canton, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application April 10, 1935, Serial No. 15,551
10 Claims. (Cl. 97—50)



1. The combination with a tractor having a draft connection and a power lift attachment operated from said tractor, of a tractor drawn implement comprising a boom structure supported from said tractor, means mounted on the aforesaid boom structure for to and fro movement in a vertical plane for lifting and lowering said implement, means for connecting said first mentioned means to the power lift attachment, additional means mounted on the first mentioned means for to and fro movement in a vertical plane for exerting pressure on said implement, an implement frame pivoted to said tractor draft connection, and means for connecting said implement frame to the third mentioned means whereby said implement frame may be raised and lowered.

2,123,556

ALIPHATIC HALOGEN-NITRO-ALCOHOLS AND PROCESS OF PREPARING THEM

Otto Nicodemus, Frankfort-on-the-Main-Hochst, and Otto Wulff, Konigstein in Taunus, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application March 26, 1936, Serial No. 71,048. In Germany April 4, 1935
8 Claims. (Cl. 260—144)

1. The process which comprises condensing an aldehyde of the following general formula:

$$R_1—CHX—CHO$$

wherein R_1 is a member of the group consisting of aliphatic radicals and hydrogen and X stands for halogen, with a compound of the following general formula:

$$R_2—CH_2—NO_2$$

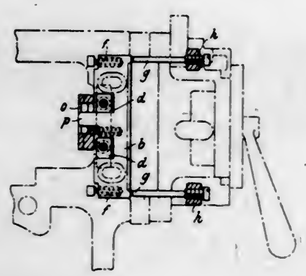
wherein R_2 is a member of the group consisting of aliphatic radicals and hydrogen.

2,123,557

TYPOGRAPHICAL SLUG CASTING MACHINE

Christian Augustus Albrecht, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a company of New York

Application November 30, 1936, Serial No. 113,382
In Germany June 27, 1936
3 Claims. (Cl. 199—59)



1. A slug trimming mechanism for typographical slug casting machines comprising a right hand knife, a spring-urged left hand knife, stops limiting the extreme operative position of the left hand knife, springs holding the left hand knife yieldingly against said stops, and an adjustable fore-and-aft slide formed at its rear end with an inclined surface engaging with a part of the left hand knife, said inclined surface being operative by the rearward adjustment of the slide to withdraw the left hand knife leftward away from the limiting stops against the action of the springs.

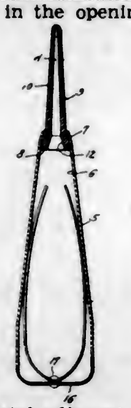
2,123,558

SCALP OILER

Henry C. Altheide, Quincy, Ill.

Application September 25, 1937, Serial No. 165,762
2 Claims. (Cl. 132—13)

1. A device for applying fluid to the scalp comprising a receptacle formed of spring metal and having an elongated substantially straight edge having an opening therein, a comb member including a head of elongated form and having tapered side edges and hollow teeth extending from the small end of the head, said head having openings therein communicating with the teeth, said head fitting in the opening with the edge



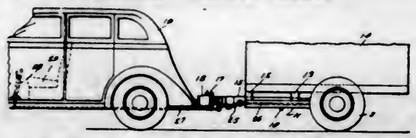
portions of the metal adjacent the opening bent over the tapered sides of the head.

2,123,559

TRAILER

Roy Thomas Bedard, Escanaba, Mich.

Application January 4, 1938, Serial No. 183,357
3 Claims. (Cl. 280—33.55)



1. A trailer comprising a pair of swinging supporting wheels, parallel rods operatively connected to said wheels on opposite sides of the axes about which the wheels swing, a swinging member, and means operatively connecting said member selectively to the rods for swinging the wheels in opposite directions relative to the trailer when said member swings in a given direction, said means including a member pivotally connected to the rods, and means slidably mounted on the first named member and slidably engaged with the second named member for operatively connecting said second named member to said first named member.

2,123,560

PITCH PAINT

George W. Bennett, Elizabeth, Pa.

No Drawing. Application August 14, 1934, Serial No. 739,841
2 Claims. (Cl. 134—52)

1. Paint including coal tar pitch and a mixture of coal tar oils having boiling points of from 100 to 300 degrees centigrade and which is substantially free of tar acids and other acidic compounds, said paint being substantially free of coal tar oils boiling above 300 degrees centigrade and approximately 60 per cent of said mixture boiling below 210 degrees centigrade.

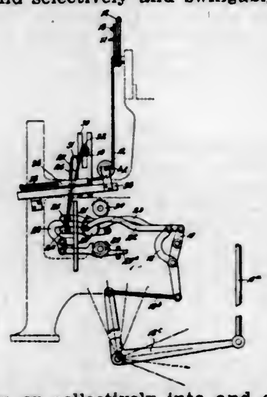
2,123,561

SHUTTLE-BOX POSITION SELECTOR OR INDICATOR

Paul Bond, Houston, Tex.

Application October 22, 1937, Serial No. 170,445
5 Claims. (Cl. 139—171)

1. In a loom, the combination of a box motion mechanism including a pair only of elements movable individually or collectively in one direction or another for effecting a selected one of four shuttle-box positions, a power reciprocated prime mover, a pair only of actuator members pivotally connected one with each of said elements and selectively and swingably movable



individually or collectively into and out of operative connection with the prime mover for at times connecting it in power transmitting relation with said elements, and pattern or jacquard head controlled means for moving said actuator members.

2,123,562

TREATING TEXTILE MATERIALS AND ARTICLES MADE THEREFROM

James Craik, Stevenston, Ayrshire, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Original application September 18, 1935, Serial No. 41,175. Divided and this application June 7, 1937, Serial No. 146,966. In Great Britain October 12, 1934
12 Claims. (Cl. 28—1)

1. In a delustring process, the steps which comprise impregnating lustrous textile materials and articles made therefrom with a pigment-carrying dilute aqueous caustic alkali solution of a low-substituted cellulose derivative of incomplete solubility in dilute caustic alkali solution at room temperature but completely soluble therein at temperatures below 10° C., and thereafter neutralizing alkalinity of the treated article with acid.

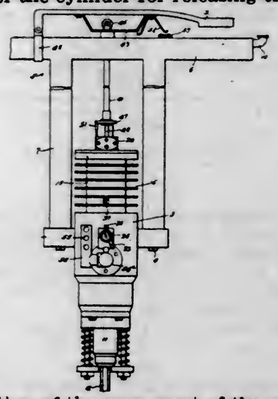
2,123,563

POWER HAMMER

Albert F. Cresien, McComb, Miss.

Application August 13, 1936, Serial No. 95,892
3 Claims. (Cl. 123—7)

1. In a device of the character described, the combination with a cylinder having a floating piston reciprocable therein, an impact assembly in the lower end of said cylinder, and a spring acting upon said piston and in opposition to the movement thereof toward said impact assembly; means for initiating movement of the piston against the action of the spring and including a head for said cylinder having a bore therethrough, an actuator rod slidable through the bore in said head and having an inner end adapted to engage the piston for moving the latter downwardly, a tubular rod slidably mounted on said actuator rod, and interengaging means on the actuator rod and on said tubular rod for releasably connecting said rods together when the tubular rod is moved in one direction relative to the actuator rod whereby upon reverse movement of said tubular rod said actuator rod is caused to move inwardly of the cylinder to engage the piston for moving the latter toward said impact assembly in opposition to said spring, and means on the upper end of the cylinder for releasing the rod at



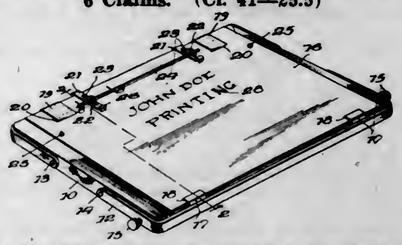
the completion of the movement of the piston toward said impact assembly, whereby said actuator rod is free to telescope inwardly of the tubular rod incidental to the return movement of the piston.

2,123,564

IMPRESSION SHEET FOR PRINTING PRESSES

William M. Dalton, Washington, D. C.

Application March 11, 1937, Serial No. 130,370
6 Claims. (Cl. 41—25.5)



5. A method comprising the steps of affixing a sheet of celluloid to the platen of a printing press, registering a printed impression upon said sheet of celluloid, registering a printed impression corresponding to the impression registered on said celluloid upon the uppermost of a plurality of sheets to obtain an offset impression on the back of said uppermost sheet, affixing makeready to the uppermost of said plurality of sheets or portions thereof having the least impression, placing said makeready sheet beneath said celluloid sheet and aligning the printed legends on said celluloid with those on the top of said makeready sheet to position the makeready in proper relation with respect to the type form used to register the printed impression on said celluloid.

2,123,565

RAKER GAUGE

Cecil R. Edwards, Lacomb, Oreg., assignor of one-half to Elmer C. Ayers, Lacomb, Oreg.

Application December 9, 1936, Serial No. 115,027
2 Claims. (Cl. 33—202)

1. A raker tooth gauge for saws comprising a flat body adapted to be positioned flat against the saw and having in one edge thereof a con-

2,123,556

ALIPHATIC HALOGEN-NITRO-ALCOHOLS AND PROCESS OF PREPARING THEM

Otto Nicodemus, Frankfort-on-the-Main-Hochst, and Otto Wulff, Konigstein in Taunus, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application March 26, 1936, Serial No. 71,048. In Germany April 4, 1935
8 Claims. (Cl. 260—144)

1. The process which comprises condensing an aldehyde of the following general formula:

$$R_1—CHX—CHO$$

wherein R_1 is a member of the group consisting of aliphatic radicals and hydrogen and X stands for halogen, with a compound of the following general formula:

$$R_2—CH_2—NO_2$$

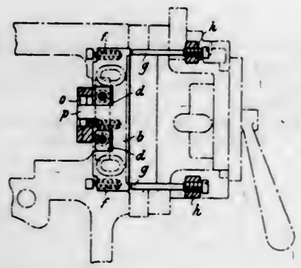
wherein R_2 is a member of the group consisting of aliphatic radicals and hydrogen.

2,123,557

TYPOGRAPHICAL SLUG CASTING MACHINE

Christian Augustus Albrecht, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a company of New York

Application November 30, 1936, Serial No. 113,382
In Germany June 27, 1936
3 Claims. (Cl. 199—59)



1. A slug trimming mechanism for typographical slug casting machines comprising a right hand knife, a spring-urged left hand knife, stops limiting the extreme operative position of the left hand knife, springs holding the left hand knife yieldingly against said stops, and an adjustable fore-and-aft slide formed at its rear end with an inclined surface engaging with a part of the left hand knife, said inclined surface being operative by the rearward adjustment of the slide to withdraw the left hand knife leftward away from the limiting stops against the action of the springs.

2,123,558

SCALP OILER

Henry C. Altheide, Quincy, Ill.

Application September 25, 1937, Serial No. 165,762
2 Claims. (Cl. 132—13)

1. A device for applying fluid to the scalp comprising a receptacle formed of spring metal and having an elongated substantially straight edge having an opening therein, a comb member including a head of elongated form and having tapered side edges and hollow teeth extending from the small end of the head, said head having openings therein communicating with the teeth, said head fitting in the opening with the edge



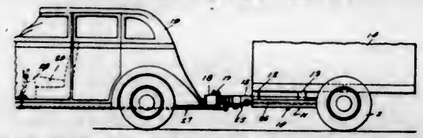
portions of the metal adjacent the opening bent over the tapered sides of the head.

2,123,559

TRAILER

Roy Thomas Bedard, Escanaba, Mich.

Application January 4, 1938, Serial No. 183,357
3 Claims. (Cl. 280—33.55)



1. A trailer comprising a pair of swinging supporting wheels, parallel rods operatively connected to said wheels on opposite sides of the axes about which the wheels swing, a swinging member, and means operatively connecting said member selectively to the rods for swinging the wheels in opposite directions relative to the trailer when said member swings in a given direction, said means including a member pivotally connected to the rods, and means slidably mounted on the first named member and slidably engaged with the second named member for operatively connecting said second named member to said first named member.

2,123,560

PITCH PAINT

George W. Bennett, Elizabeth, Pa.

No Drawing. Application August 14, 1934, Serial No. 739,841
2 Claims. (Cl. 134—52)

1. Paint including coal tar pitch and a mixture of coal tar oils having boiling points of from 100 to 300 degrees centigrade and which is substantially free of tar acids and other acidic compounds, said paint being substantially free of coal tar oils boiling above 300 degrees centigrade and approximately 60 per cent of said mixture boiling below 210 degrees centigrade.

2,123,561

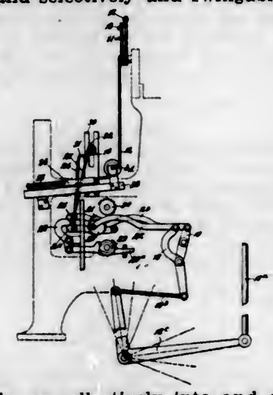
SHUTTLE-BOX POSITION SELECTOR OR INDICATOR

Paul Bond, Houston, Tex.

Application October 22, 1937, Serial No. 170,445
5 Claims. (Cl. 139—171)

1. In a loom, the combination of a box motion mechanism including a pair only of elements movable individually or collectively in one

direction or another for effecting a selected one of four shuttle-box positions, a power reciprocated prime mover, a pair only of actuator members pivotally connected one with each of said elements and selectively and swingably movable



individually or collectively into and out of operative connection with the prime mover for at times connecting it in power transmitting relation with said elements, and pattern or jacquard head controlled means for moving said actuator members.

2,123,562

TREATING TEXTILE MATERIALS AND ARTICLES MADE THEREFROM

James Craik, Stevenston, Ayrshire, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Original application September 18, 1935, Serial No. 41,175. Divided and this application June 7, 1937, Serial No. 146,966. In Great Britain October 12, 1934
12 Claims. (Cl. 28—1)

1. In a delustring process, the steps which comprise impregnating lustrous textile materials and articles made therefrom with a pigment-carrying dilute aqueous caustic alkali solution of a low-substituted cellulose derivative of incomplete solubility in dilute caustic alkali solution at room temperature but completely soluble therein at temperatures below 10° C., and thereafter neutralizing alkalinity of the treated article with acid.

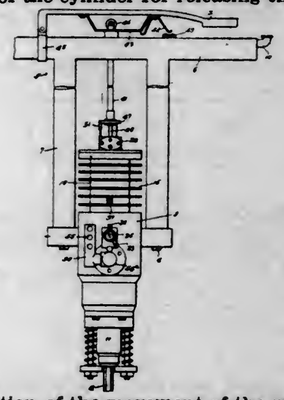
2,123,563

POWER HAMMER

Albert F. Cresien, McComb, Miss.

Application August 13, 1936, Serial No. 95,892
3 Claims. (Cl. 123—7)

1. In a device of the character described, the combination with a cylinder having a floating piston reciprocable therein, an impact assembly in the lower end of said cylinder, and a spring acting upon said piston and in opposition to the movement thereof toward said impact assembly; means for initiating movement of the piston against the action of the spring and including a head for said cylinder having a bore therethrough, an actuator rod slidable through the bore in said head and having an inner end adapted to engage the piston for moving the latter downwardly, a tubular rod slidably mounted on said actuator rod, and interengaging means on the actuator rod and on said tubular rod for releasably connecting said rods together when the tubular rod is moved in one direction relative to the actuator rod whereby upon reverse movement of said tubular rod said actuator rod is caused to move inwardly of the cylinder to engage the piston for moving the latter toward said impact assembly in opposition to said spring, and means on the upper end of the cylinder for releasing the rod at



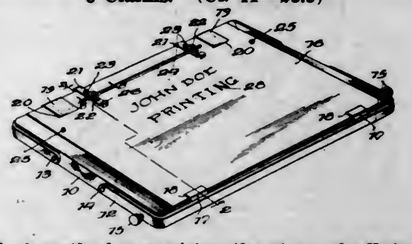
the completion of the movement of the piston toward said impact assembly, whereby said actuator rod is free to telescope inwardly of the tubular rod incidental to the return movement of the piston.

2,123,564

IMPRESSION SHEET FOR PRINTING PRESSES

William M. Dalton, Washington, D. C.

Application March 11, 1937, Serial No. 130,370
6 Claims. (Cl. 41—25.5)



5. A method comprising the steps of affixing a sheet of celluloid to the platen of a printing press, registering a printed impression upon said sheet of celluloid, registering a printed impression corresponding to the impression registered on said celluloid upon the uppermost of a plurality of sheets to obtain an offset impression on the back of said uppermost sheet, affixing makeready to the uppermost of said plurality of sheets or portions thereof having the least impression, placing said makeready sheet beneath said celluloid sheet and aligning the printed legends on said celluloid with those on the top of said makeready sheet to position the makeready in proper relation with respect to the type form used to register the printed impression on said celluloid.

2,123,565

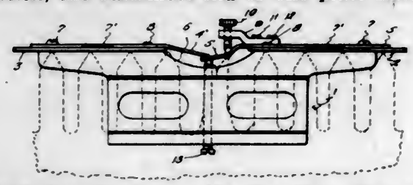
RAKER GAUGE

Cecil R. Edwards, Lacomb, Oreg., assignor of one-half to Elmer C. Ayers, Lacomb, Oreg.

Application December 9, 1936, Serial No. 115,027
2 Claims. (Cl. 33—202)

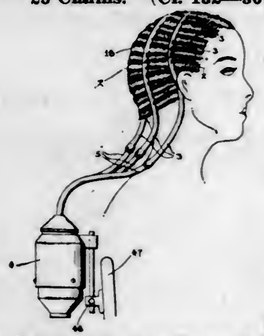
1. A raker tooth gauge for saws comprising a flat body adapted to be positioned flat against the saw and having in one edge thereof a con-

cave portion, a pair of plates of resilient metal secured to said edge upon opposite sides of said portion, respectively, to form a straight edge for resting on the teeth of the saw, said plates having opposed coengaging ends overlapping over said portion, the outermost end of one plate having



a slot therein at one side of said portion and laterally offset from the underneath end to receive a raker tooth therein, and a set screw threaded through said body from the opposite edge thereof into engagement with the underneath one of said ends.

2,123,566
HAIR WAVING APPARATUS
Harold W. Ferguson, Rochester, N. Y.
Application January 30, 1936, Serial No. 61,590
25 Claims. (Cl. 132—36)



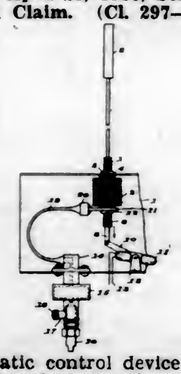
1. In a hair waving appliance, a hollow scalp protector having sufficient rigidity to removably support without collapsing a separate detachable hair waving clamp and provided with an opening for the passage of hair to the clamp and having walls forming an air chamber and conduit the full width of the protector to permit circulation of air around the hair between the clamp and the scalp, said protector being open ended to permit free passage of air at each end of the protector.

2,123,567
METHOD OF MAKING BOOTS AND SHOES
Lewis H. Gilbert, Boston, Mass.
Application December 17, 1935, Serial No. 54,876
1 Claim. (Cl. 12—142)



The method of making a boot or shoe which consists in fastening the inturned lower marginal portion of a toe-less upper, while the latter is unsupported from within, directly to the top or inner side of the marginal portion of an intermediate sole, said fastening extending from a point at one side of the forepart near the toe rearwardly around the heel and thence forwardly along the opposite side of the upper to a point near the toe; then inserting a last within the upper; then applying a flanged toe-cap to the toe of the last and fastening the rear end thereof to the forward end of the upper; then removing the last; then fastening the toe portion of the intermediate sole to the flange of the toe-cap, and then fastening an outersole to the intermediate sole.

2,123,568
TEMPERATURE RESPONSIVE DEVICE
Edward Gruber, Cleveland, Ohio, assignor to Allyne Laboratories, Inc., Cleveland, Ohio
Application April 28, 1936, Serial No. 76,861
1 Claim. (Cl. 297—4)

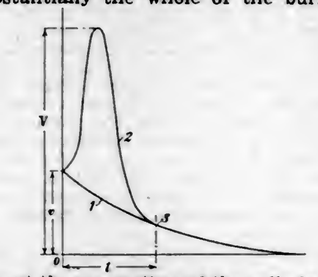


A thermostatic control device including a U-shaped bracket adapted to be attached to a refrigerating apparatus, an expanding bellows secured in the upper portion of said bracket, a hollow screw threaded coupling communicating with the interior of said bellows and passing through one arm of said bracket, a flexible tube terminating in a fluid bulb communicating with said coupling, a solid screw threaded stud affixed to the opposite end of said bellows and connected to an operating lever for moving a suitable control device secured thereto, a Bourdon tube thermostat secured in the lower portion of said bracket, said Bourdon tube terminating at its upper end in an apertured disc through which said solid stud and operating lever pass, the lower end of the Bourdon tube being affixed to and in communication with a tubular chamber secured to and depending through the lower edge of the bracket, the depending portion of the tubular chamber being enlarged and terminating in a valve plug.

2,123,569
TWO-STROKE INTERNAL COMBUSTION ENGINE
Michel Kadenacy, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, Westminster, London, England
Application January 11, 1937, Serial No. 120,118
In Great Britain January 11, 1936
1 Claim. (Cl. 123—65)

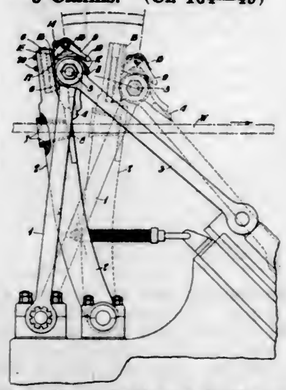
A two-stroke internal combustion engine wherein the evacuation of the cylinder by the mass exit of the burnt gases is utilized for introducing a fresh charge, which comprises an exhaust orifice in the cylinder and means for opening and closing said orifice, the shape, dimensions and position on the cylinder of said orifice and the means for opening said orifice being so constructed and arranged that a sufficient area of said orifice is opened at such a rate at substantially the minimum working speed of the engine

that the ballistic speed of exhaust is maintained for substantially the whole of the burnt gases



throughout the evacuation of the cylinder at said minimum speed, whereby the above condition will be maintained at all higher working speeds.

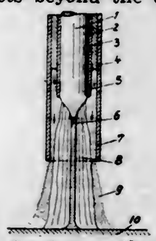
2,123,570
FLYING SHEAR
Robert J. Lehmann, Duquesne, Pa.
Application June 8, 1937, Serial No. 147,132
3 Claims. (Cl. 164—49)



1. A flying shear having a knife mounted to reciprocate diagonally respecting passing work to be sheared between positions where it is free from said work and where it shears said work, said knife moving with said work while approaching its second named position and being pivoted to swing free from said work upon completion of its shearing operation to permit its return to its first named position without contacting said work, said shear being characterized by including means responsive to said knife pivoting free from said work for positively locking it against reverse pivoting and means responsive to the return of said knife a predetermined extent toward its first named position for effecting unlocking action of the first named means so said knife can reversely pivot.

2,123,571
ELECTRIC WELDING
Wolfgang Lessel, Berlin-Charlottenburg, Germany
Application January 25, 1937, Serial No. 122,295
In Germany January 29, 1936
6 Claims. (Cl. 219—8)

1. An electrode for arc welding metals of high thermal conductivity, such as copper and its alloys, comprising a metal rod in a sheathing of non-conducting material which melts off subsequent to the melting of the metal rod, the melting of the sheathing being sufficiently retarded so that during the welding a tube of sheathing material projects beyond the end of the metal

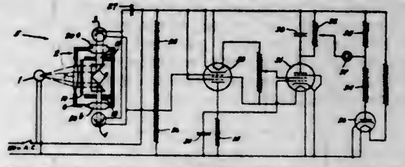


rod a distance of not more than about six times the diameter of the metal rod, the arc and fluid metal travelling along said tube to the weld place.

2,123,572
MOTHPROOFING COMPOSITION
Henry Martin and Rudolf Hirt, Basel, Switzerland, assignors to the firm J. R. Geigy S. A., Basel, Switzerland
No Drawing. Application May 1, 1937, Serial No. 140,265. In Switzerland May 9, 1936
6 Claims. (Cl. 167—37)

1. A moth-proofing composition containing as its essential active ingredient a thianthrene.

2,123,573
APPARATUS FOR MEASURING THE CONCENTRATION OF VITAMIN A
Ronald Lyman McFarlan, Marblehead Neck, and James Wallace Reddie, Hull, Mass., assignors to United Drug Company, Boston, Mass., a corporation of Delaware
Application July 27, 1936, Serial No. 92,940
3 Claims. (Cl. 88—14)



1. Apparatus for measuring the concentration of vitamin A in a substance comprising a sodium vapor light source, means filtering substantially all light except that at a wave length of the order of 3,300 Ångström units from the light from said source, means defining two beams of filtered light of substantially equal intensity from said source, photosensitive devices upon which said beams are directed, means confining the areas of the said beams to substantially identical values, means for interposing a sample of the substance in one of the beams, and means for decreasing the area of the other beam.

2,123,574
HARD COMPOSITIONS OF MATTER
Philip M. McKenna, Latrobe, Pa.
No Drawing. Original application September 6, 1935, Serial No. 39,505. Divided and this application February 24, 1937, Serial No. 127,558
16 Claims. (Cl. 75—136)

1. The new hard composition of matter consisting substantially of particles of a comminuted macro-crystalline multi-carbide having, as a major constituent, a carbide of a metal of the group consisting of tantalum and columbium

and, as a minor constituent, a carbide or carbides of a metal or metals of the group consisting of tantalum, columbium, titanium and zirconium, embedded in a matrix formed of an alloy of a metal of the group consisting of tungsten and molybdenum with a metal of the iron group, said particles constituting the major portion of said composition of matter.

2,123,575

HARD COMPOSITIONS OF MATTER

Philip M. McKenna, Latrobe, Pa.

No Drawing. Original application September 6, 1935, Serial No. 39,505. Divided and this application February 24, 1937, Serial No. 127,559

10 Claims. (Cl. 75—136)

1. The new hard composition of matter consisting substantially of a matrix formed of an alloy of a metal of the group consisting of tungsten and molybdenum with a metal of the iron group and particles of a comminuted macrocrystalline carbide of a metal of the group consisting substantially of a matrix formed of an said matrix, said macro-crystalline carbide being characterized by a carbon content in monatomic ratio to the metal or metals present.

2,123,576

HARD COMPOSITIONS OF MATTER

Philip M. McKenna, Latrobe, Pa.

No Drawing. Original application September 6, 1935, Serial No. 39,505. Divided and this application February 24, 1937, Serial No. 127,560

5 Claims. (Cl. 75—136)

1. The new hard composition of matter consisting substantially of a matrix formed of an alloy of a metal of the group consisting of tungsten and molybdenum with a metal of the iron group, in which there are embedded particles of a comminuted macro-crystalline multi-carbide consisting of a minor proportion of a carbide of a metal of the group consisting of titanium and zirconium in solid solution in a major proportion of columbium carbide, said particles constituting the major portion of said hard composition of matter.

2,123,577

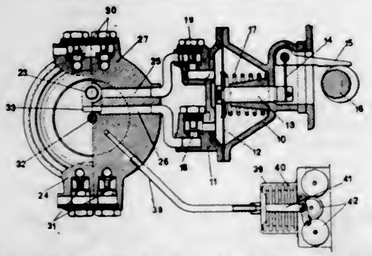
FLUID MEASUREMENT APPARATUS

Eduard Pelich, Brno, Czechoslovakia

Application October 17, 1934, Serial No. 748,714

In Czechoslovakia October 18, 1933

8 Claims. (Cl. 103—152)



1. A pumping system including a reciprocating pump having a casing, a pair of pistons for dividing the space in said casing into four main compartments, a central member in said casing forming a partition therein, and a rod for connecting said pistons together, an auxiliary pump having a casing, a diaphragm in said last casing, a pair of valves, ducts for connecting said valves to ports in said central partition member, and means for oscillating said diaphragm for moving a liquid in said last casing through one of said valves and one of said ducts into one of said four main compartments for moving said pistons and forcing the liquid from another of said four main compartments through another of said ducts and the other of said pair of valves into said second casing, means for feeding a fluid medium being pumped into another of said four main compartments and means for conveying said fluid medium from the last of said main compartments simultaneously through the action of said pistons and said auxiliary pump.

2,123,578

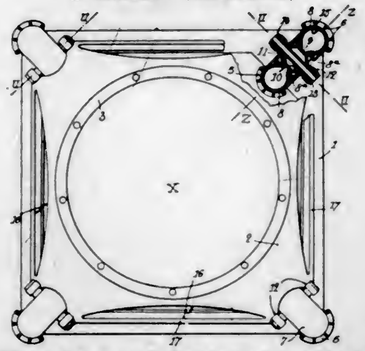
ENGINE MOUNT

Eugène Prosper Renaux, Paris, and Lucien Jules Renaux, Gargan-Livry, France

Application December 9, 1935, Serial No. 53,668

In France December 17, 1934

2 Claims. (Cl. 248—5)



1. In a suspension for an apparatus having parts rotating or oscillating about an axis, in combination a supporting member, a supported member secured on said apparatus, a plurality of pneumatic annular tubes distributed about said axis of rotation and at a distance from said axis, each of said pneumatic annular tubes being disposed in such manner that the axis of said pneumatic annular tube is substantially situated in a plane at right angles with said axis of rotation and is substantially tangent to a circumference in said plane coaxial with said axis of rotation, and for each pneumatic annular tube two concentrically disposed attaching means, one of said attaching means being secured on one of said supporting and supported members and engaging the outer circumference of said tube, and the other attaching means being secured on the other of said members and engaging the inner circumference of said tube.

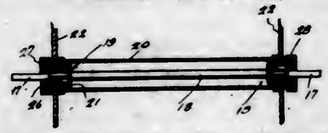
2,123,579

ROTARY STALK CHOPPER

Guy E. Weems, Rotan, Tex.

Application March 8, 1937, Serial No. 129,714

2 Claims. (Cl. 55—61)



1. In a structural assemblage of the class described, an axle, roller bearing units mounted on the end portions of said axle, a rotary bladed stalk chopper including a tubular hub, said hub being provided at one end with a fixed centrally apertured cap, being provided at the opposite end with a removable centrally apertured cap, the end portions of said axle extending through and beyond the apertures in said caps, said bearings being located in the end portions of said tubular hub, and bushings interposed between the bearing units and adjacent portions of said hub.

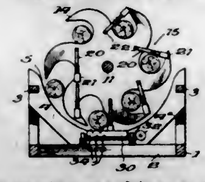
2,123,580

LOG-CUTTING APPARATUS

Roger E. Wheless, Shreveport, La.

Application February 13, 1937, Serial No. 125,661

7 Claims. (Cl. 143—57)



1. In a log-sawing machine, a series of alined rotatable members each having log-receiving recesses at its perimeter, a saw operatively associated with one of said members, means engaging logs in said recesses during a portion only of each revolution of said members to retain said logs in said recesses whereby each log is free to be displaced from said recesses during a portion of each revolution of the members, and means engageable with said logs successively as they are displaced from said recesses for advancing the same longitudinally of said members toward the saw.

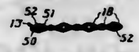
2,123,581

FLEXIBLE COATED ABRASIVE PRODUCT

Harry O. Anderson, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application August 15, 1936, Serial No. 96,205

3 Claims. (Cl. 51—185)



1. A coated abrasive product comprising warp and weft woven into an open mesh leno weave cloth, an adhesive, and a quantity of abrasive grain some of which is smaller in diameter than the diameter of the weft, the abrasive grain being stuck to the leno cloth by the adhesive on at least one surface of the leno cloth and some of the abrasive grain being stuck to the warp and weft and being between the surfaces of the leno cloth, substantially all of the grain projecting from the adhesive and being free from adhesive on its outside portions away from the warp and weft respectively.

2,123,582

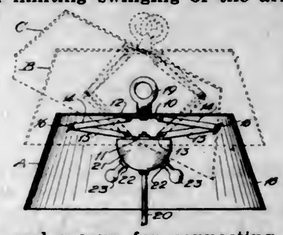
LAMP SHADE ADAPTER

Morris W. Askin, Washington, D. C., assignor of one-half to David Brussell, Philadelphia, Pa.

Application September 23, 1935, Serial No. 41,809

1 Claim. (Cl. 240—144)

In a shade holder, an upper plate, a lower plate, ears carried by each plate, upper arms pivoted to ears of the upper plate, lower arms pivoted to ears of the lower plate and to companion upper arms, the ends of said arms pivoted to the said ears each having a tapered extremity formed with a straight edge face for engaging the companion plate and limiting swinging of the arms in one



direction, and means for connecting one plate with a shade and the other plate with a support.

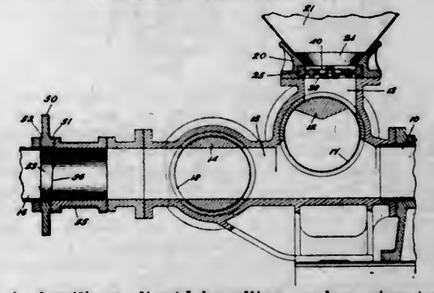
2,123,583

AUXILIARY VALVE STRUCTURE FOR CONCRETE PUMPS

Charles F. Ball, Wauwatosa, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin

Application April 10, 1936, Serial No. 73,791

6 Claims. (Cl. 210—166)



4. Auxiliary liquid-handling valve structure for concrete pumps, comprising a tapering plate-like member having opposite recessed faces, said recesses being located in the thicker portion of the member, and there being a perforated web between said recesses providing a valve seat; a stud carried by said web, projecting into one of said recesses; a valve member mounted on the projecting portion of said stud for coaction with said seat; and a screen member in the other of said recesses; said valve and screen members lying wholly within the planes of the faces of the supporting member.

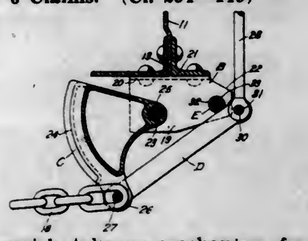
2,123,584

QUICK TAKE-UP MECHANISM FOR HAND BRAKES

Henry Fuchs, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware

Application December 14, 1936, Serial No. 115,674

6 Claims. (Cl. 254—149)



1. In a quick take-up mechanism for hand brakes for cars, the combination with a pivotally

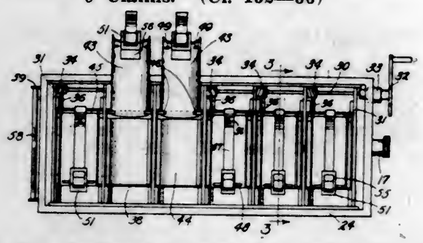
supporting swinging member; of an operating link pivotally connected at one end to said member remote from the pivot of the latter; a fulcrum support on which the other end of said link is adapted to rock, said last named end of the link being connected to the pull-up element of the hand operated mechanism of the brakes; and flexible means connecting the swinging member to the brake mechanism proper of the car.

2,123,585

PERMANENT WAVE APPARATUS

Herbert M. Hart, Cincinnati, Ohio, assignor of one-fourth to Raymond Huwe, one-fourth to Edward A. Vogele, and one-fourth to Fred W. Stutz, all of Cincinnati, Ohio

Application August 12, 1935, Serial No. 35,757
9 Claims. (Cl. 132—36)



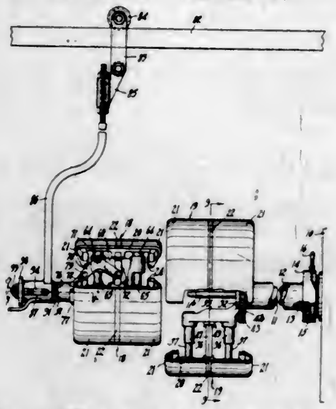
1. In a hair waving unit the combination of a casing, a removable cover for said casing, a series of parallel trough-like clamping plates shiftable transversely in said casing, complementary plates hinged to said clamping plates and movable therewith, latch means for holding said hingedly connected plates together at the free ends upon interposed tresses and means to shift the several adjacent clamping plates in opposite directions simultaneously and at uniform rate.

2,123,586

TIRE BUILDING APPARATUS

Allen L. Heston, Akron, Ohio, assignor to National Rubber Machinery Company, Akron, Ohio, a corporation of Ohio

Application August 28, 1936, Serial No. 98,291
14 Claims. (Cl. 154—9)



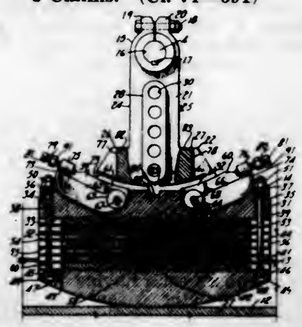
1. Tire building apparatus comprising a sectional tire building drum having key sections movable radially toward the axis of the drum and laterally out of the operative plane of the drum and intermediate sections movable radially toward the axis of the drum after the key sections have been moved laterally of the operative plane of the drum, power means for rotating the drum, and means for utilizing said power means for effecting radial movement of the key sections and of the intermediate sections.

2,123,587

DETACHABLE COUNTERBALANCE

Hiram A. Holzer, Pittsburg, Kans., assignor of one-half to United Iron Works Company, Pittsburg, Kans., a corporation of Kansas, and one-half to J. A. Werme, doing business as J. A. Werme Steel and Iron Works, Oklahoma City, Okla.

Application November 6, 1935, Serial No. 48,486
8 Claims. (Cl. 74—591)



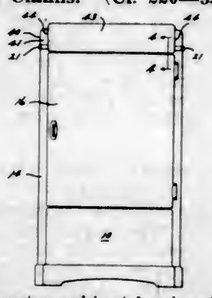
1. In combination with a crank arm having jack screw engaging shoulders at opposite sides of the longitudinal center of said arm, a counterbalance, clamp members, pivot members pivotally connecting the clamp members with the counterbalance and located at greater lateral distances from the extended center line of said arm than the spacing of said engaging shoulders and whereon said clamp members are adapted to swing to and from said shoulders, and jack screws threadedly carried by the clamp members and engageable with said shoulders when the clamp members are moved toward said shoulders to lock the clamp members from lateral pivotal movement in a direction away from said crank arm and to draw the counterbalance into engagement with said crank arm when the jack screws are threaded against said shoulders.

2,123,588

REFRIGERATING APPARATUS

Louis C. Luneke, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application May 15, 1936, Serial No. 79,983
5 Claims. (Cl. 220—55)



1. A refrigerator cabinet having finished metal side walls and a finished metal top wall, a decorative metal strip fitted over the top edge of said cabinet side walls and extending therealong, means for securing said strip to said cabinet side walls, said top wall having downwardly directed

sides resting upon said decorative strip, a plurality of spring clips attached to said cabinet walls by said strip securing means and adapted to engage a part of the downwardly directed sides of said top to secure the top to said cabinet, said spring clips being located inwardly of the walls of said cabinet and concealed thereby, and one of said cabinet walls having an opening therein providing access to certain of said spring clips from the exterior of said cabinet for disengaging the clips from said top wall to permit removal of said top wall from the cabinet.

2,123,589

DEVICE FOR SUSPENDING STRIPS FROM CEILINGS AND THE LIKE

David W. Mealey, Foster, Oreg.

Application December 15, 1936, Serial No. 116,000
Renewed June 6, 1938
2 Claims. (Cl. 1—47)



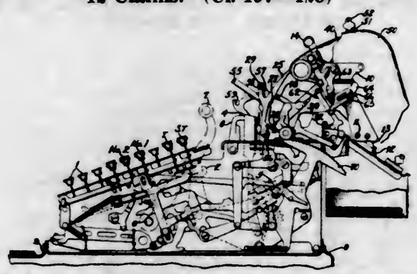
1. In a device of the character described, a member adapted to be sleeved on to one end of a broom handle or the like, a clip projecting laterally from said member for engaging a roll of strip material, and means on one end of said member for engaging a nail head for releasably retaining said head on the member with the shank of the nail projecting upwardly from said end of said member.

2,123,590

CALCULATING MACHINE

Ernest Racz, Detroit, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan

Application September 28, 1936, Serial No. 102,868
12 Claims. (Cl. 197—128)



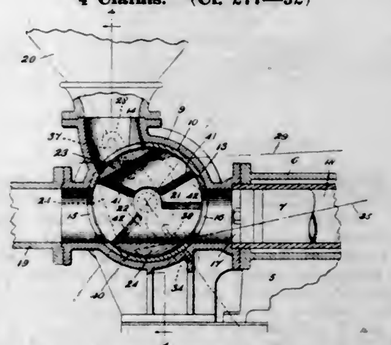
5. In a machine of the class described, a printing mechanism, a platen, front-feed means for holding work sheets in printing position relative to said printing mechanism, a second front-feed means independent of said platen for holding said work sheets, said independent work sheet holding means being movable from closed to open throat position and vice versa, a pivoted front-feed table in front of said platen and movable from front-feed position to work sheet holding position, and means for moving both of said front-feed means toward closed throat position to grip said work sheet including portions operable after movement of said front-feed means to closed throat position to cause said table to be moved to work sheet holding position.

2,123,591

VALVE FOR CONCRETE PUMPS

Willy Siebert, Neuenhagen, near Berlin, Germany, assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin

Application June 14, 1935, Serial No. 26,670
In Germany June 30, 1934
4 Claims. (Cl. 277—52)



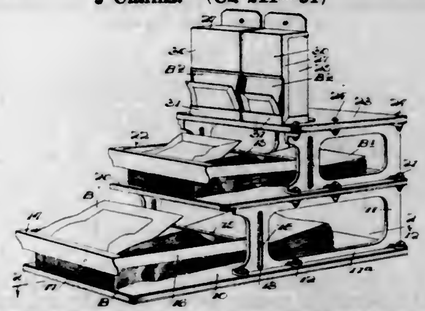
1. In a multi-way valve for plastic concrete mixtures, a housing having a circular valve chamber provided with circumferentially spaced inlet and outlet ports; and a pair of valve members, one for each port, coaxially mounted in said chamber for independent circumferential movement around the chamber wall to alternately open and close their respective ports.

2,123,592

PAPER BAG DISTRIBUTOR

Gustav A. Torgeson and Victor E. Rogers, Madison, Wis.

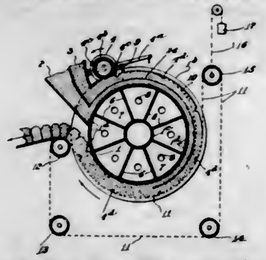
Application March 23, 1937, Serial No. 132,626
3 Claims. (Cl. 211—51)



1. In combination with a substantially horizontal, flat support on which a packet of paper bags may be laid, vertical guides mounted on said support; and a massive yoke having means at one end engaging said vertical guides and having a central opening through which the bag bottoms may project and through which the bags may be withdrawn one at a time; said yoke having at its

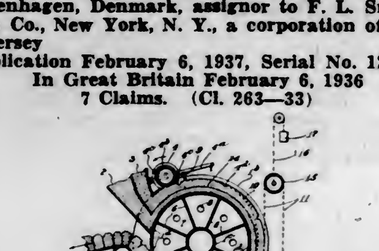
other end a crossbar with an upper, horizontal member for engaging the top of the packet at the outer end thereof.

2,123,593
TREATMENT OF SOLID MATERIAL WITH GASEOUS MEDIA
Mikael Vogel-Jorgensen, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y., a corporation of New Jersey
Application February 6, 1937, Serial No. 124,512
In Great Britain February 6, 1936
7 Claims. (Cl. 263—33)



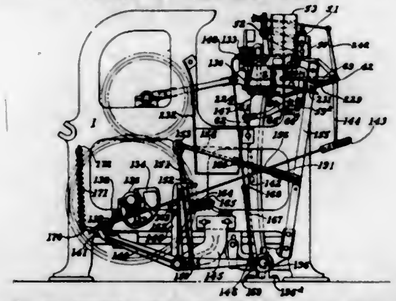
1. An apparatus for the attempering of solid material comprising a rotary drum provided with a plurality of radial chambers, each chamber having a gas permeable peripheral surface and closed at its end except for an air suction port, means to supply material to be treated to the peripheral surface of each chamber as the drum rotates, means to subject each chamber to suction as it approaches the vertical axis of the drum in the upper arc of its movement and passes through the upper arc of movement, means to terminate the suction as the chamber passes beyond the vertical axis of the drum in the lower arc of movement and approaches the point of discharge of the material, each chamber being provided at one end with an air suction port and at the other end with an air inlet port, and means to admit air through the inlet port as the chamber approaches the point of discharge of the material.

2,123,594
JAR CLEANING MACHINE
Joseph Bahelka, Linden, N. J., assignor to Stanco, Inc.
Application January 21, 1933, Serial No. 652,836
5 Claims. (Cl. 15—56)



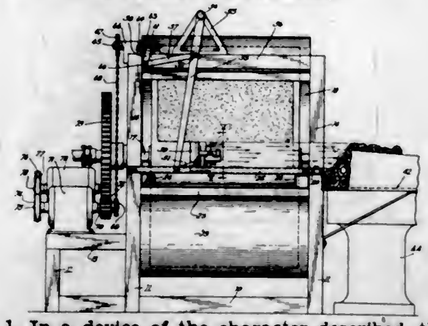
1. A jar cleaning machine, comprising a guideway adapted to receive jars, a feed bar assembly including a feed bar mounted substantially parallel with and spaced from the guideway and having a plurality of spaced jar receiving pockets disposed throughout its length, means for effecting horizontal reciprocation of the feed bar whereby the jars are moved forwardly along the guideway on the forward stroke of said feed bar, cleaning elements secured to the assembly in spaced relation to and facing the pockets to form a unit with the assembly, and means for moving the unit in one direction at the end of the forward stroke of the feed bar whereby the cleaning elements are inserted into the jars and the pockets are withdrawn from the jars to permit the feed bar to pass the jars on its rearward stroke and for moving the unit in the opposite direction at the end of the rearward stroke of the feed bar whereby the cleaning elements are withdrawn from the jars and the thus treated jars are received by the pockets.

2,123,595
LOOM
William H. Baker, Montreal, Quebec, Canada
Application October 3, 1935, Serial No. 43,398
9 Claims. (Cl. 139—232)



1. In a shuttle changing loom operating with a plurality of shuttles, a magazine, a shuttle placer, a vibratable shuttle box adjacent said magazine, operating mechanism to vibrate the shuttle box and placer simultaneously at weft replenishment to change shuttles comprising an operating cam and armed lever having frontward upright and rearward extending arms, fulcrumed on the loom frame, connections to vibrate the shuttle box on the frontward extending arm, shuttle placer connections on the upright arm, a roller supporting member fulcrumed on the rearward extending arm, and means controlled by the weft replenishing mechanism to position said roller in the path of the operating cam to move the armed lever on its fulcrum during cam contact.

2,123,596
DISCHARGE DEVICE FOR CHILLING MACHINES AND THE LIKE
Charles Doering, Chicago, Ill., assignor of one-half to Henry Doering, Chicago, Ill.
Application October 12, 1936, Serial No. 105,263
9 Claims. (Cl. 62—114)



1. In a device of the character described, the combination with a refrigerated external drum

surface, of means for rotating said drum surface, and reciprocatory means for removing the chilled substances from said external drum surface.

2,123,597
MEANS OF DETECTING ALTERATIONS OF DOCUMENTS
Josef Ehrlich, Vienna, Austria
No Drawing. Application August 12, 1935, Serial No. 35,890. In Hungary August 26, 1933
2 Claims. (Cl. 23—5)

1. In a chemical composition of the character described comprising a solution containing about 200 parts by weight of magnesium chloride, 40 parts alkali iodide, 0.15 part of iodine, and 140 parts water.

2,123,598
FISHHOOK
Carl J. E. Eliason, Sayner, Wis.
Application October 3, 1936, Serial No. 103,941
4 Claims. (Cl. 43—38)



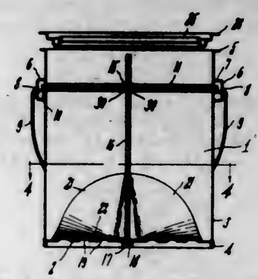
1. In combination, a fish hook having an eye at one end and a point at its other end, a guide, said eye being slidable on said guide, a catch engaging the eye to releasably retain the hook in retracted position with respect to the guide and a guard on the lower end of said guide for the pointed end of the hook.

2,123,599
PRODUCTION OF POLYMERIZATION PRODUCTS
Hans Fikentscher and Claus Heuck, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application January 17, 1931, Serial No. 509,532. In Germany January 28, 1930
13 Claims. (Cl. 260—2)

1. In the production of polymerization products and articles therefrom by polymerization of a mixture of a water-insoluble carboxyl derivative of acrylic acid and its homologues selected from the group consisting of esters and nitriles of said acid with another organic film-forming substance, the step which comprises subjecting to polymerization an emulsion of such derivative in a liquid in which the said initial material is practically insoluble.

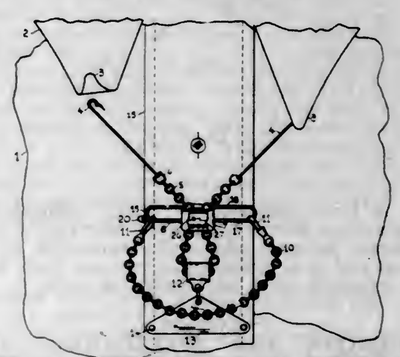
2,123,600
MIXER CAN
Antonio Galante, Medford, Mass.
Application February 11, 1937, Serial No. 125,178
6 Claims. (Cl. 259—107)

1. A mixer comprising a shaft, and a sheet metal piece secured to said shaft and comprising an intermediate portion of tapered width lying along said shaft, wing portions bent in opposite directions from said intermediate portion, and a base binding the lower edges of said inter-



mediate and wing portions together, certain parts of said piece being arranged in lapping relation.

2,123,601
COLLAR ATTACHMENT
Walter Gehrig, Flint, Mich.
Application August 1, 1936, Serial No. 93,854
12 Claims. (Cl. 24—73)

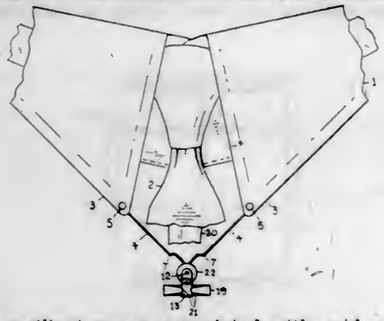


1. In an attachment for the tips of garment collars, a pair of attaching devices, each attaching device having a pointy hook-pin provided with a cavity, a projection and a bend of the pin-body adjacent to the pointy terminal, a pair of connecting members having pivotal links, each connecting member connected to one of said attaching devices on the normal upper portion thereof, an elongated weighty part carried by the normal lower portion of said connecting members in a position transverse to said lower portion of the connecting members.

2,123,602
COLLAR ATTACHMENT
Walter Gehrig, Flint, Mich.
Application April 12, 1937, Serial No. 136,383
11 Claims. (Cl. 24—88)

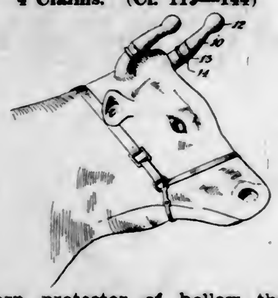
1. In an attachment for garment collars, a pin having a stop-shoulder on one terminal portion thereof, a point formed by the other terminal portion of said pin, the pin body forming a bend adjacent to said stop-shoulder and another bend adjacent to said pointy terminal, a point-guard

for said pointy terminal adapted to engage the pin by the bend adjacent to the pointy terminal,



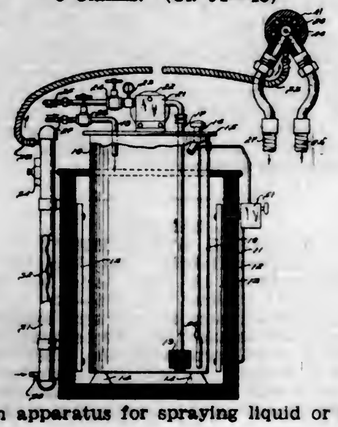
and resilient means associated with said point-guard to secure the point-guard to the pin.

2,123,603
HORN PROTECTOR
Bancroft W. Henderson, Montclair, N. J.
Application January 30, 1936, Serial No. 61,524
4 Claims. (Cl. 119—144)



1. A horn protector of hollow thimble-like construction having a relatively thin elastic neck adjacent its open end, and terminating at its closed end in a compressible resilient bulb having relatively thick self-sustaining walls.

2,123,604
APPARATUS FOR DISTRIBUTING AND SPRAYING LIQUID OR PLASTIC COATING COMPOSITIONS
Earl A. Johnson, Dearborn, Mich.
Application April 10, 1935, Serial No. 15,537
5 Claims. (Cl. 91—45)

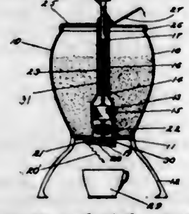


1. An apparatus for spraying liquid or plastic coating compositions, including in combination a supply reservoir adapted to hold a quantity of such liquid or composition, an air bath around said reservoir, heating means in said bath enabling the same to heat the liquid or composition contained in said reservoir to a predetermined temperature and to maintain said temperature substantially constant throughout the entire time of operation, an enclosed hydraulic circuit connected with said reservoir, a spray gun included in said hydraulic circuit, a constant pressure pump for circulating constantly and repeatedly said heated liquid or composition in said circuit and for producing a predetermined pressure therein, the rate of said circulation being in excess of the maximum discharge rate of said spray gun and being sufficient to insure a substantially uniform temperature of said heated liquid or composition throughout the entire circuit.

2,123,605
SYNTHETIC RESIN
John H. Kelly, Jr., Chicago, Ill.
No Drawing. Application March 25, 1935, Serial No. 12,995
11 Claims. (Cl. 260—1)

1. A synthetic resin which is the reaction product of a polyhydric alcohol, a polybasic aromatic acid and a reaction complex resulting from heating at 290° to 320° C. a mixture of rubber, a resin, a drying oil and an unsaturated fatty acid.

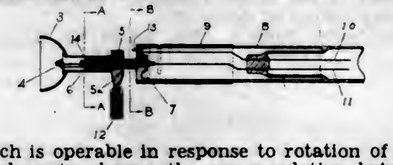
2,123,606
DISPENSING DEVICE
Eugene Latocha, Cleveland, Ohio
Application June 27, 1936, Serial No. 87,653
1 Claim. (Cl. 221—112)



A container, a pedestal support therefor, a tubular chamber of predetermined capacity affixed to the bottom of the container over an opening therein, the access to the chamber being at right angle to the level of said bottom, and the diameter of the opening being substantially equal to the diameter of the chamber, slotted means in the wall of the chamber to admit free flow of contents into said chamber, a piston within said chamber in close contact with the walls thereof, an extension of said chamber within said container, a spring inclosed within said extension for yieldingly supporting said piston above the line of slots, a hinged door closing the chamber from the bottom, means connecting said door with the piston and lever means extending downward from the door to actuate said door and piston.

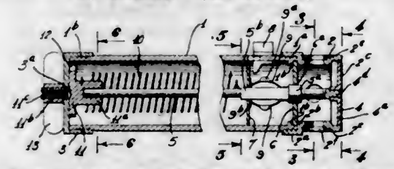
2,123,607
VARIABLE FOCUS X-RAY TUBE
James F. Lee, Palo Alto, Calif.
Application August 19, 1931, Serial No. 557,982
3 Claims. (Cl. 250—35)

1. In an X-ray tube, an evacuated envelope, a target, a hot cathode, and an electrically conductive focusing shield, all within said envelope, said focusing shield being operable to focus the cathode rays emitted by said cathode, and thereby to determine the area of the focal spot on said target, said cathode and focusing shield being relatively movable with respect to each other whereby the area of the focal spot is capable of adjustment, and a device within said envelope



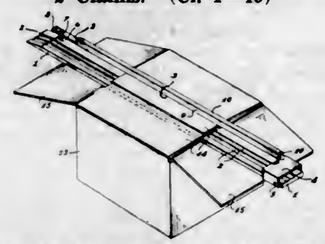
which is operable in response to rotation of said envelope to change the space relation between said cathode and said focusing shield a definite, predetermined amount per revolution of said envelope whereby the area of the focal spot is selectively and precisely adjustable without impairing the vacuum, said device including an element which is rotatable relatively to said envelope.

2,123,608
SHAVER
Howard Chester McCann, Imperial Beach, Calif.
Application October 12, 1936, Serial No. 105,247
10 Claims. (Cl. 30—43)



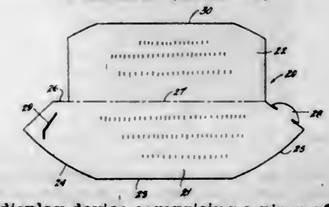
1. In a shaver, a tubular casing member provided with a plurality of radiating various length curved slots at one end, a shaving blade with a plurality of radiating shearing members revolubly mounted against the inside of said end, and a torsion spring in connection with said rotor blade for tending to turn the same.

2,123,609
ANVIL FOR STAPLING MACHINES
Robert Mitchell, Detroit, Mich.
Application June 26, 1936, Serial No. 87,435
2 Claims. (Cl. 1—49)



1. A device for supporting parts to be secured together and for clinching the securing elements which secure them together, said device comprising an elongate anvil, a bar pivoted at one end on said anvil and adapted by swinging movement and application of manual pressure on the free end thereof to clamp the parts to be secured on said anvil, said bar having a straight edge thereon for guiding the movement of a device for driving securing elements through said parts, and means on said bar for holding said device in firm engagement with said straight edge and said parts, said last named means comprising a flange on the edge remote from said straight edge, said flange terminating at a point in the length of the bar spaced from the free end thereof.

2,123,610
DISPLAY DEVICE AND FOLDER
Leroy P. Neher, St. Louis, Mo.
Application December 21, 1936, Serial No. 116,854
5 Claims. (Cl. 40—4)



2. A display device comprising a piece of flexible material including an elongated first section having a lower edge with a central portion and end portions extending outwardly and upwardly therefrom, and an upper edge straight throughout at least a portion of its length, a second section joined to said first section along and extending outwardly from said straight edge, said second section having an outer edge of the same contour as that of the central portion of the lower edge of the first section, and a width equal to the width of the collar at said central portion, whereby said second section may be folded to overlie said first section, and means joining the ends of said first section together to form the device into a portion of a cone, the length of the supplemental section along the straight edge being such that when the device is in conical shape, the junction between the sections is arched to prevent unfolding of the second section from the first.

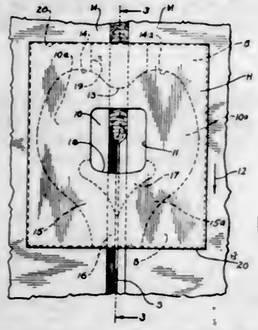
2,123,611
PROCESS FOR THE MANUFACTURE OF NITRO-CELLULOSES
August Noll, Mannheim, Germany, assignor of one-half to Zellstoffabrik Waldhof, Mannheim-Waldhof, Germany, a German company
No Drawing. Application May 21, 1936, Serial No. 81,016. In Germany June 11, 1935
3 Claims. (Cl. 260—145)

1. A process for manufacturing nitro-celluloses, which process comprises nitrating cellulose raw materials for about 30 minutes at about 30° C. with a nitrating acid containing approximately 57.8% sulfuric acid, 24.3% nitric acid, and 3.7% hydrochloric acid.

2,123,612
HEAT ECONOMIZER
Casin W. Obert, Mount Vernon, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application February 17, 1934, Serial No. 711,660
21 Claims. (Cl. 113—59)

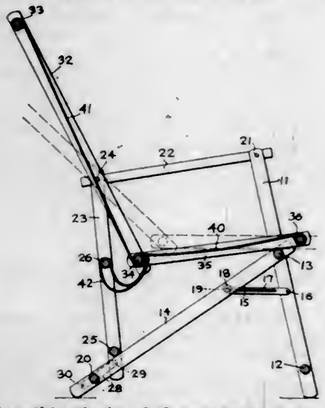
1. A hood for use in fusion welding comprising a block provided with a chamber substantially enclosed except at the bottom; said block being adapted to overlie a seam in an article to be welded; said chamber having a wall adapted to overlie the seam and provided with a projection for dividing heated gases into two streams

and directing said streams along side walls of said chamber and away from such overlying wall; said side walls being shaped to provide expansion portions on either side of the seam through which



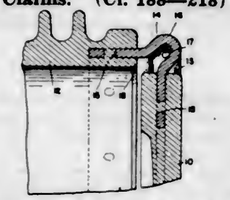
the two streams flow; said overlying wall and said side walls being formed to provide a stream line flow of said streams so as to prevent turbulence.

2,123,613
FOLDING CHAIR
Carl H. Oermann, York, Pa.
Application February 24, 1936, Serial No. 65,448
1 Claim. (Cl. 155—117)



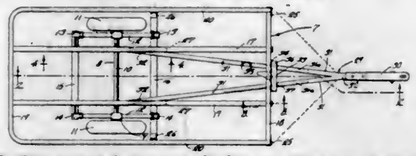
A collapsible chair of the class described, comprising front legs connected by a pair of transverse bars disposed, respectively, adjacent the lower end and mid point of said front legs, rear legs pivotally mounted on the upper front leg bar, link means pivotally connected to the front legs and detachably connected to the rear legs for retaining said legs in extended position, arm rests pivotally connected at their front ends to the upper ends of said front legs, braces having their upper ends pivotally connected to the rear portions of said arm rests, means supporting said braces from the rear legs, links connecting the lower ends of said braces with the rear legs and permitting limited movements of the braces relative to said rear legs to effect folding and unfolding of the chair, a back frame pivotally connected intermediate its length to said arm rests, a cross bar connecting said braces at a point adjacent the lower ends of said back frame, a seat frame pivotally connected to said back frame by a cross bar and slidably supported at its front portion by the upper front leg bar, and a loop extending from the rear of the seat frame around the cross bar connecting said braces for limiting the outward movement of the seat frame.

2,123,614
BRAKE DRUM
Charles W. Sinclair, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application June 8, 1936, Serial No. 84,201
4 Claims. (Cl. 188—218)



1. A brake drum comprising a cast web portion, a cast brake flange portion, and a sheet metal ring forming a yieldable connection between said portions and embedded therein.

2,123,615
TRAILER
James W. Small, Chicago, Ill.
Application January 15, 1937, Serial No. 120,742
15 Claims. (Cl. 280—33.4)



7. In a trailer, a sub-frame having a cross beam, a tow bar having its rear portion extending alongside of portions of the front of the sub-frame with its rear end connected with the sub-frame at a point intermediate the length thereof and extending outwardly beyond the front end of the sub-frame beyond said cross beam, and means for yieldably connecting said tow bar with said cross beam comprising a member having one portion connected with the upper face of the tow bar to permit tilting of the tow bar laterally of the cross beam.

2,123,616
UNDERGARMENT
Harry Van Praag, New York, N. Y.
Application April 25, 1936, Serial No. 76,451
5 Claims. (Cl. 2—43)



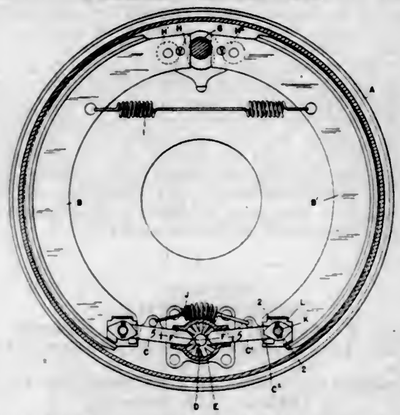
1. A circumferentially-elastic girdle of form-fitting construction, said girdle having a circumferentially continuous lower edge, a crotch-piece therefor adapted to extend from the back of the girdle to the front thereof, and companion fas-

tener elements on said crotch-piece and on the inner side of the girdle, respectively, at the front and back thereof for detachably securing said crotch-piece in position in the inside of the girdle, the rear edge of said crotch piece being positioned horizontally at the back of the girdle adjacent the lower edge thereof and the front edge of the crotch piece being secured to the front of the girdle at horizontally and vertically spaced points, the crotch piece, when the girdle is worn, having a horizontally positioned rear and intermediate part and a front part which extends upwardly from said intermediate part.

2,123,617
PURIFICATION OF METALS
Thomas H. Vaughn, Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application February 29, 1936, Serial No. 66,437
6 Claims. (Cl. 75—121)

1. Process for treating impure metals of the alkali and alkaline earth groups which comprises dissolving the metal in liquid ammonia, separating the solution thus formed from insoluble impurities, removing the ammonia by evaporation, and pulverizing the porous cake of metal thus obtained.

2,123,618
BRAKE
John William White, South Bend, Ind., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application June 22, 1936, Serial No. 86,667
2 Claims. (Cl. 188—79.5)



1. A brake comprising a brake drum, a shoe within said drum, a thrust rod extending from one end of said shoe, a housing apertured for the passage of said thrust rod therein, a conical member within said housing forming a pivot bearing for the end of said shoe, said conical member being adjustable within said housing to change the position of said pivot bearing, a pivotal connection between said thrust rod and shoe, and friction means for normally holding said rod and shoe in rigid relation adapted to yield under adjustment pressure to change the angular relation of said shoe and rod.

2,123,619
STONE CUTTING WIRE SAW
Albert E. Wienholz, Long Island City, N. Y.
Application June 22, 1937, Serial No. 149,606
6 Claims. (Cl. 125—12)

2. A stone cutting wire saw consisting of several strands of a sharp edged wire formed of



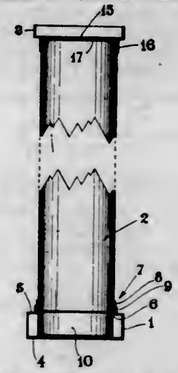
a relatively soft metal and having cutting edges of a relatively hard material.

2,123,620
FACING BAND AND MULTIPLE BAND STRIP
Isadore D. Wolfson, Woodmere, N. Y.
Application May 12, 1937, Serial No. 142,135
3 Claims. (Cl. 139—383)



1. A facing band of single ply woven fabric of uniform width and of a predetermined length having a selvage along each of its longitudinal edges, an opening extending through said band, the edges of said opening having a woven selvage finish, a reinforcing zone centrally disposed between the lateral edges and extending from end to end of said band upon the rear face thereof, said reinforcing zone surrounding said opening and formed of yarns independent of those yarns comprising the body of the band, said yarns forming said reinforcing zone being woven with the body portion of the band and being relatively heavier than the yarns forming the body portion of the band, said reinforcing yarns forming a cushion at the back of the band but showing at predetermined points on the front thereof.

2,123,621
COLUMN ASSEMBLY
Joseph I. Adler, Chicago, Ill.
Application May 21, 1938, Serial No. 209,303
4 Claims. (Cl. 40—126)

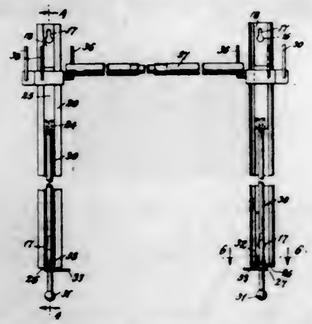


1. An assembly simulating a structural column comprising a hollow base having a hole in the upper side thereof, a tubular hollow shaft extending into said hole and fitting snugly therein, a drum in said base, said shaft making a snug sliding fit around said drum, and a collar having sliding engagement with the shaft at the top of the base and concealing the edge of the hole.

2,123,622
MASTER CURTAIN LIFTER
Paul E. Baginski, New York, N. Y.
Application April 29, 1937, Serial No. 139,652
1 Claim. (Cl. 156—27)

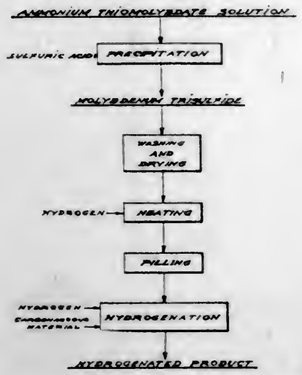
In a curtain fixture adjuster, a pair of upright channel guides open lengthwise at their fronts

and having means for detachable engagement at their rear, said guides having narrow rear portions and relatively wide front portions, blocks slidable in the wider portion of said guides, said blocks having their upper parts extending outwardly through the spaces in said guides and their lower parts movable in the narrow rear portions of the guides, upstanding offset pins carried by the parts of the blocks extending through the



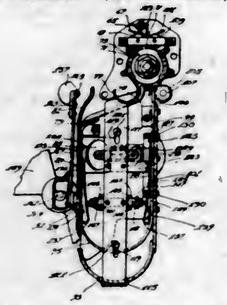
spaces in said guides, rigid rods threaded into the lower narrower parts of said blocks, plates fixed in the bottoms of said guides, said plates having key-hole shaped openings through which said rods freely pass, keepers fixed on said rods normally resting on said plates, and handles fixed on said rods whereby they may be turned into position permitting said keepers to pass through the key-hole shaped openings in said plates to allow said blocks to move downwardly.

2,123,623
HYDROGENATION CATALYST AND METHOD OF PREPARATION AND USE
Cecil L. Brown, Baton Rouge, La., assignor to Standard-I. G. Company
Application June 14, 1934, Serial No. 730,643
11 Claims. (Cl. 196—53)



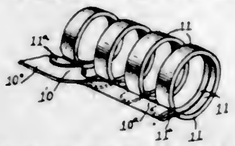
1. In the thermal catalytic treatment of distillable carbonaceous materials for varying the hydrogen content thereof, the step of employing a catalyst prepared by precipitating a polysulfide of a metal of Groups V, VI, and VII from an aqueous solution of a compound of said metal, and heating the precipitate in a non-oxidizing gaseous atmosphere at a temperature of about 350 to 600° C. before contact with said carbonaceous material to convert the polysulfide into a lower sulfide of crystalline form.

2,123,624
MOTION PICTURE APPARATUS
Frank Conrad, Wilkinsburg, Pa., Christian Aalborg, Springfield, Mass., and Orville B. French, Prospect Park, Pa., assignors to Westinghouse Electric and Manufacturing Company, a corporation of Pennsylvania
Original application May 14, 1930, Serial No. 452,252, now Patent 2,032,116, dated February 25, 1936. Divided and this application November 16, 1935, Serial No. 50,110
2 Claims. (Cl. 88—16.2)



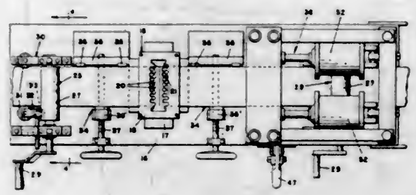
1. In film-handling apparatus, a plurality of film gates, each of said gates including means for exerting a force of compression on the film within said gates, means for supporting said gates at substantially the same elevation in such manner that the film transmitted therethrough moves with its surface in substantially parallel planes, a U-shaped strip mounted between said plates, a U-shaped plate, means for supporting said U-shaped plate in a plurality of positions at varying distances from said U-shaped strip, means for sliding said U-shaped plates from one of said positions to another of said positions, and means, supported on said U-shaped plate and cooperating with said means for exerting a force of compression on said film strip, for releasing said force when said U-shaped plate is in a position nearest to said U-shaped strip and for impressing said force when said U-shaped plate is in a position displaced at least a predetermined distance from said U-shaped strip.

2,123,625
BINDING DEVICE
Charles E. Emmer, Chicago, Ill., assignor to Cercla, Inc., Chicago, Ill., a corporation of Illinois
Application September 23, 1935, Serial No. 41,679
4 Claims. (Cl. 281—25)



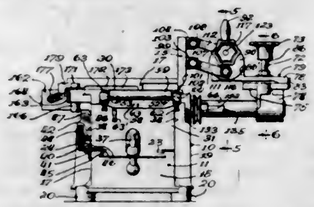
1. A book of perforated sheets having a binding comprising a strip of sheet metal having arms extending from one longitudinal edge portion thereof and of ring-like form extending through the perforations of the sheets, one end of each arm being integral with said longitudinal edge and the other ends of the arms being directed outwardly from the respective ring-like portions and contacting a surface of said strip, said strip being of a width greater than the length of said outwardly directed ends and having the other longitudinal edge portion thereof folded over into close contact with said ends to secure the ends between said portions of the strip to retain the rings in fully closed relation.

2,123,626
METHOD OF JOINING METAL STRIPS
William J. Fiegel, Detroit, Mich., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich., a corporation of Michigan
Application August 31, 1935, Serial No. 38,828
2 Claims. (Cl. 113—116)



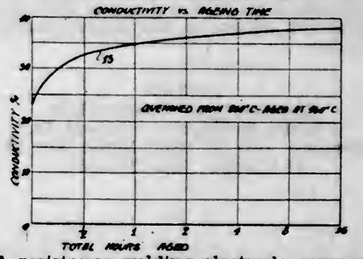
1. Those steps in the method of preparing elongated strips to be joined which consist in supporting the strips with the longitudinal axis of one strip forming a continuation of the longitudinal axis of another strip and with the adjacent ends of the strips in juxtaposition to each other and lying in substantially the same plane; and, while the strips are so supported, simultaneously forming the juxtapositioned ends of the strips to provide projections on one end and corresponding recesses in the other end opposite the projections.

2,123,627
WOODWORKING TOOL
Theron L. Hedgpeth, Oak Park, Ill., assignor to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois
Original application March 5, 1936, Serial No. 67,221, Patent No. 2,099,519, dated November 16, 1937. Divided and this application July 12, 1937, Serial No. 153,132
6 Claims. (Cl. 144—253)



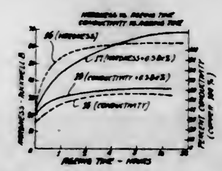
1. In a wood working tool, the combination of a table with a laterally projecting shaft carried by said table, said shaft having a collar slidably mounted thereon, said collar having a bore for said shaft and an attaching flange, a bearing plate carried by said attaching flange and having a pair of bearings for receiving a shaft extending transversely to said first-mentioned shaft, a work-guiding fence, and means connecting said work-guiding fence and said second-mentioned shaft whereby the fence is adjustably supported above said table, said latter means comprising a system of parallelogram links pivotally mounted on said fence and on parts projecting radially from said shaft.

2,123,628
COPPER BASE ALLOYS
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co. Inc., Indianapolis, Ind., a corporation of Delaware
Application June 12, 1936, Serial No. 84,838
6 Claims. (Cl. 219—4)



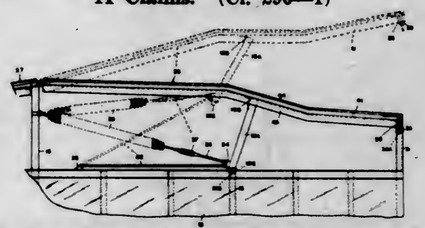
4. A resistance welding electrode composed of about .05 to 10% manganese, .05 to 5% phosphorus and the remainder copper.

2,123,629
ALLOY
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co. Inc., Indianapolis, Ind., a corporation of Delaware
Application July 16, 1936, Serial No. 90,865
2 Claims. (Cl. 219—4)



1. An electrical contacting element of the type comprising pressure exerting welding electrodes and the like composed of an alloy containing about .05 to 5% cobalt, .01 to 2% phosphorus and the remainder substantially all copper.

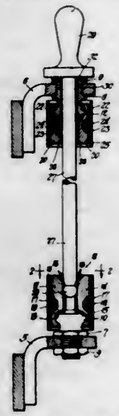
2,123,630
DECK STRUCTURE
Irving H. Judd, Dearborn, Mich., assignor to Whitehead & Kales Company, River Rouge, Mich., a corporation of Michigan
Original application April 27, 1936, Serial No. 76,715. Divided and this application August 9, 1937, Serial No. 158,219
11 Claims. (Cl. 296—1)



1. In a motor vehicle transport, a frame providing storage space therewithin for a lower tier of cars and having tracks on the top thereof for supporting an upper tier of cars, rear portions of said tracks being hinged at their forward ends to permit of swinging upward for clearance in loading and unloading the lower tier of cars, an

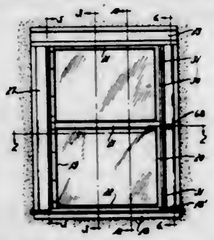
arch member for supporting the hinged portions of said tracks intermediate the ends thereof, said arch member being hinged to said tracks to permit of folding, means cooperating with said arch member during the folding thereof compelling the raising of said hinged portions of the tracks, and resilient means acting on said arch member in a direction to fold the same and counterbalancing the weight of said hinged portions of said tracks.

2,123,631
ELECTRICAL CONNECTER
Charles H. Koehler, Chicago, Ill.
Application July 8, 1935, Serial No. 30,283
14 Claims. (Cl. 173—328)



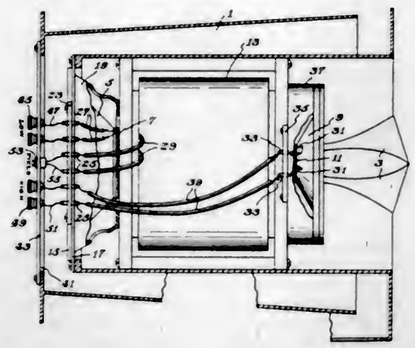
1. In an electrical connecter, a pair of spaced contact studs, a full-floating contact structure mounted for universal movement about each of said studs, one of said contact structures being adapted to receive a connecting member endwise therethrough, and a connecting member movable endwise through said one contact structure into the other of said contact structures and having floating engagement between said contact structures.

2,123,632
WINDOW CONSTRUCTION
William F. Lagemann, Detroit, Mich.
Application May 29, 1936, Serial No. 82,578
5 Claims. (Cl. 20—50)



1. A window construction of the class described comprising: a window frame having a slot formed therein; a window stop slidably mounted in said slot; rods projecting from one face of said stop; a slidable plate; a cam slot formed in said plate; means carried by said rods and engaging in said cam slots and adapted upon slidable movement of said plate for moving said stop inwardly and outwardly of its slot; and means accessible from the exterior of said frame for sliding said plate in either direction.

2,123,633
SIGNAL TRANSLATING APPARATUS
Frank Massa, West Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application December 31, 1936, Serial No. 118,634
10 Claims. (Cl. 179—115.5)



7. In a loudspeaker system, a plurality of electrodynamic units each having a diaphragm and each diaphragm being provided with a voice coil, a single field coil common to all of said units, separate supporting devices for independently supporting each of said diaphragms, and a terminal strip on one of said supporting devices, each of said voice coils and said field coil having leads connected to said terminal strip.

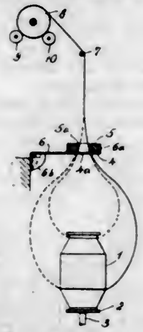
2,123,634
AZO COMPOUNDS
Fritz Mietzsch and Josef Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application January 29, 1937, Serial No. 122,981. In Germany April 18, 1934
11 Claims. (Cl. 260—92)

1. Azo compounds of the general formula:

$$R^1—N=N—R^2$$

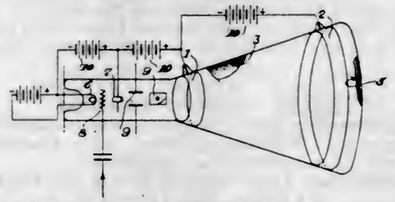
wherein R^1 stands for a cyclic radical selected from the group consisting of radicals of the benzene series containing a sulfamide group in the para-position to the azo group and of disulfamide substituted radicals of the benzene series and of the corresponding N-alkyl and N-alkylene substituted products both free valences of the alkylene radical being attached to the nitrogen atom, which radicals are free from acid groups, and wherein R^2 stands for a cyclic radical containing nitrogen selected from the group consisting of aminobenzene and aminonaphthalene radicals and their N-acyl derivatives, which radicals contain at least one further substituent selected from the group consisting of amino, alkylamino and hydroxyl groups and further contain at least one acid radical which is bound to the cyclic radical by a member selected from the group consisting of nuclear carbon atoms, oxygen atoms, amino-, alkylamino- and alkylene groups, which azo compounds are in the form of their alkali and alkaline-earth metal-, ammonium- and amine salts in general soluble in water.

2,123,635
PRODUCING HAIRY RAYON YARNS
James E. Moore, Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y., a corporation of Delaware
Application November 13, 1937, Serial No. 174,397
5 Claims. (Cl. 117—21)



1. In an apparatus for producing hairy yarn in which yarn is drawn in a loose condition along an axis while it is rotated around the axis to describe a surface of rotation of substantially constant size and shape, at least two fixed orbits being maintained on a surface of rotation to assure the constancy of its size and shape, and a cutting means being disposed adjacent said surface to sever a portion of the filaments of the yarn, the improvement which comprises a first ring having a smooth interior guiding surface, a second ring having a rough interior cutting surface, said rings being disposed substantially parallel to and coaxial with each other with the smooth interior guiding surface of the first ring spaced a relatively small distance from the rough interior cutting surface of the second ring, and a recessed holder in which the second ring is disposed and on which the first ring is fastened.

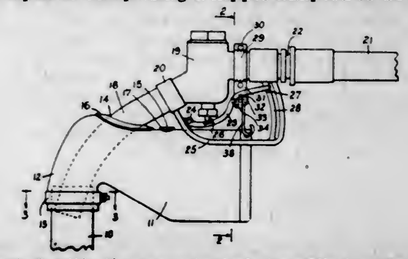
2,123,636
HIGH-VACUUM CATHODE RAY TUBE
Erich Schwartz, Berlin, Germany, assignor to firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany
Application February 17, 1933, Serial No. 657,304
In Germany February 23, 1932
8 Claims. (Cl. 250—27.5)



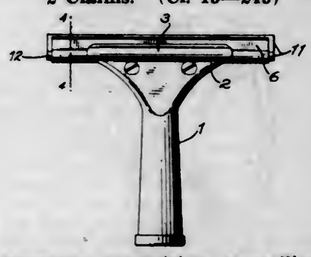
1. A high-vacuum cathode ray tube comprising an envelope, a hot cathode, a fluorescent screen, means for focussing the electron beam on said screen, means for deflecting said electron beam, and means adapted to produce a continuous gradient, potential along the inner face of said envelope between said deflecting means and said fluorescent screen by an ohmic drop of voltage.

2,123,637
VALVE CONTROL APPARATUS
Henry Harrison Sherbondy, Bala Cynwyd, Pa.
Application June 10, 1937, Serial No. 147,399
3 Claims. (Cl. 226—127)

3. In combination with a valve controlling the flow of liquid to a receptacle being filled and comprising means urging the valve to a closed position, a handle for opening the valve against the force exerted by said means, a catch adapted to engage the handle to hold the valve in the open position, and a delivery nozzle connected to the valve, apparatus for effecting closure of the valve upon the discharge of an excess of liquid to the receptacle comprising a nipple adapted to be connected with the receptacle being filled, a flexible bag secured to said nipple and adapted to receive an excess of liquid overflowing from the receptacle, said bag having an opening for permitting the introduction of the nozzle within the interior of the bag and insertion of the nozzle into the nipple, and means actuated by the weight of liquid in the bag for releasing the valve handle from the catch holding the valve in the open position.



2,123,638
SQUEEGEE
Ettore Steccone, Oakland, Calif.
Application October 24, 1936, Serial No. 107,405
2 Claims. (Cl. 15—245)

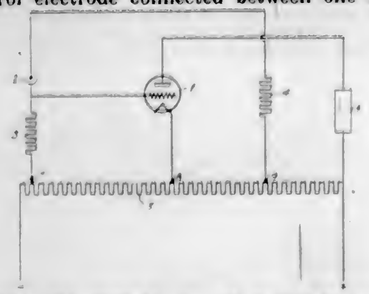


1. A squeegee comprising a resilient wiper blade, a member adapted to hold said blade, said member having a body portion which contains blade anchoring means and having a non-resilient portion extending from said body portion and terminating in a convex wiping edge supporting portion, the wiper blade being of elongated cross-section and attached at the anchoring portion and extending in the same general direction as the backing portion, and having a side wall facing said backing portion, the end portion of said wall being normally spaced from said supporting portion and so arranged that upon application of wiping force to the squeegee the outer portion of said wall will move into engagement with said convex portion and be limited in its movement thereby.

2,123,639
AMPLIFYING SYSTEM
Anton Leendert Timmer, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware
Application October 17, 1933, Serial No. 693,902
In Germany October 7, 1932
4 Claims. (Cl. 250—41.5)

1. An amplifying system for photoelectric cur-

rents which comprises a photoelectric cell having a resistor connected in series with each terminal thereof, a voltage source, an amplifier tube having its cathode connected at a predetermined intermediate point on the voltage source and its control electrode connected between one resis-



tor and one terminal of the photoelectric cell, and a connection between the free end of each resistor and predetermined intermediate points of the voltage source such that the resistors connect at respective points positive and negative with respect to the cathode each of said resistors being separate elements from the voltage source.

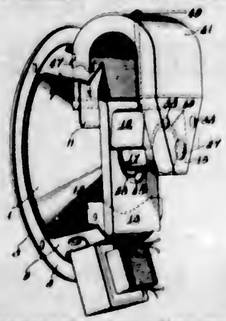
2,123,640

SOUND TRANSLATING DEVICE

Herbert R. Warnke, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application April 28, 1934, Serial No. 722,821

4 Claims. (Cl. 179—115.5)



1. In a loudspeaker including permanent magnet field structure and a voice coil, the combination of a plate comprising an outer pole piece and having an opening therein, a second plate of magnetic material spaced from said first named plate, a center pole piece attached to said second named plate and extending into said opening in said first named plate whereby an air gap for said voice coil is provided, and non-magnetic means spacing said plates from each other and maintaining said plates in such relation as to provide said air gap.

2,123,641

MINERAL OILS

Peter J. Wiezevich, Elizabeth, N. J., now by judicial change of name Peter John Gaylor, assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application December 7, 1933, Serial No. 701,343

9 Claims. (Cl. 87—9)

1. A lubricant thickened with a linear soluble polymer ester of a polybasic organic acid and a polyhydroxy alcohol, said polymer having not over 40% oxygen.

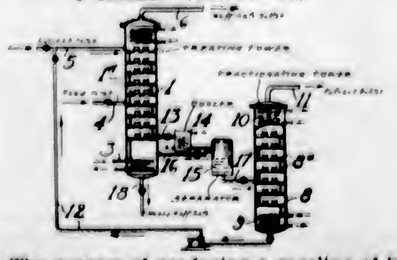
2,123,642

PROCESS OF PRODUCING A GASOLINE FRACTION OF HIGH ANTIKNOCK GRADE

Peter J. Wiezevich, Elizabeth, N. J., now by judicial change of name Peter John Gaylor, assignor to Standard Oil Development Company, a corporation of Delaware

Application June 19, 1934, Serial No. 731,224

9 Claims. (Cl. 196—13)



1. The process of producing a gasoline of high knock rating which comprises subjecting a gasoline to distillation, removing the light ends, subjecting the heavy ends while in the vapor state to the action of a solvent selected from the group consisting of esters and ethers containing an aromatic nucleus having an affinity for cyclic compounds and a boiling point above that of the heavy ends, separating the extract from the raffinate, and separating the solvent from the extract.

2,123,643

CLOSURE FOR CONTAINERS

Ralph W. Wilson, New York, N. Y.

Application October 30, 1937, Serial No. 171,832

5 Claims. (Cl. 221—62)



1. A closure for containers having a neck shell formed with a shoulder adjacent its dispensing end and a slide valve mounted movably on the neck shell, a portion of the slide valve being movable over the shoulder in one direction of travel.

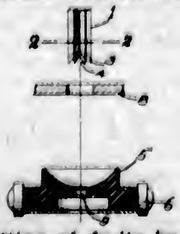
2,123,644

FRUIT PITTING METHOD

Paul Wormser, San Francisco, Calif., assignor to Sussman, Wormser & Co., San Francisco, Calif., a corporation of California

Application June 15, 1936, Serial No. 85,185

2 Claims. (Cl. 146—219)



1. In the pitting of fruits by a mechanical method wherein the fruit to be pitted is placed in a rubber cup having a substantially central opening and the pit is forced through the flesh of the fruit by a knife penetrating the opposite side thereof and out through an opening in the cup, the steps in the method which comprise positioning the fruit in the cup while wet with a processing solution and adding an oily substance between said cup and the wet fruit in addition to any processing solution which may adhere to the fruit, and pitting the fruit while it is wetted and lubricated with said oily substance.

2,123,645

ARC LAMP WITH AUTOMATIC REGULATION OF THE NEGATIVE ELECTRODE

Heinz Beck, Bremen, Germany

Application July 16, 1937, Serial No. 154,065

In Germany April 28, 1936

8 Claims. (Cl. 176—71)



1. An arc-lamp with automatic regulation of the negative electrode, comprising, in combination with said electrode, a device sensitive to the radiations emitted by the crater of the positive electrode, optical means transmitting radiations from the positive electrode crater to said device along a path into which the tip of the negative electrode extends, whereby a shadow picture of the negative electrode tip is formed on said device.

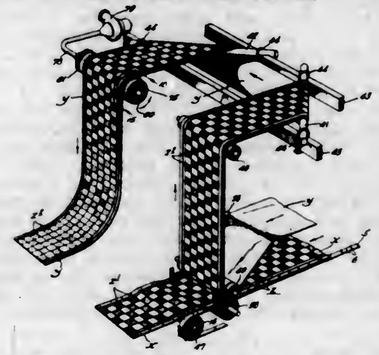
2,123,646

METHOD OF PRODUCING FELT BASE FLOOR COVERINGS

Neil L. Campbell, Salem, N. J., assignor to Mannington Mills, Incorporated, Salem, N. J., a corporation of New Jersey

Application April 26, 1938, Serial No. 204,445

14 Claims. (Cl. 41—26)



14. The method of producing hard surface floor coverings which consists in printing a design on one face of one prepared base sheet in the form of a viscous coating of predetermined thickness, subsequently transferring a portion of said thickness of said coating in toto onto one face of a second prepared base sheet, whereby said design is duplicated in toto on both base sheets as a result of a single printing of said design on but one of said base sheets, said design on said second sheet being in reversed position with respect to the design on the first mentioned sheet, reversing the position of the second floor covering relative to the first, feeding the two in laterally spaced relation to each other into different laterally spaced drying compartments to set the divided coating portions respectively adhering to the two base sheets, and shifting the relative lateral positions of the two finished floor coverings for feeding the sheets into predetermined drying compartments respectively of a series thereof.

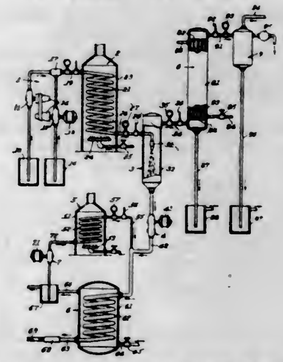
2,123,647

APPARATUS FOR PRODUCING SOAP HAVING A DEFINITE WATER CONTENT

Benjamin Clayton, Springer, N. Mex., assignor to Refining, Inc., Reno, Nev., a corporation of Nevada

Original application June 16, 1934, Serial No. 730,971. Divided and this application October 5, 1934, Serial No. 747,455

14 Claims. (Cl. 87—16)



1. In combination in an apparatus for continuously producing soap: walls forming a passage closed from the atmosphere and providing a first portion comprising an elongated reaction zone, a second portion comprising an enlarged separating zone and a third portion comprising a discharge zone; pump means for continuously introducing into first portion of said passage proportioned quantities of saponifiable and saponifying materials whereby a mixture thereof flows continuously through said reaction zone with progressively decreasing pressure; means for heating said reaction zone to form reaction products including soap and vapor which reaction products are continuously introduced into said separating zone; means for withdrawing said vapor from said separating zone at such rate as to maintain a vacuum therein, thus separating said vapor from said reaction products to leave soap; extrusion means at the end of said passage for extruding a stream of soap delivered thereto through said discharge zone; and pump means for continuously withdrawing soap from said enlarged separating zone while retaining same in said passage and thus out of contact with the atmosphere and against the vacuum in said separating zone without impairing said vacuum, said pump means developing sufficient superatmospheric pressure to extrude a stream of said soap through said extrusion means after flow along said discharge zone.

2,123,648

APPARATUS FOR REFUELING AIRCRAFT IN THE AIR

Alan John Cobham, Yapton, England, assignor to Flight Refuelling Limited, London, England

Application August 17, 1937, Serial No. 159,597

In Great Britain August 21, 1936

2 Claims. (Cl. 244—135)

1. Means for establishing communication be-

tween two aircraft for the purpose of effecting a transfer of fuel from one to the other in the air, comprising in combination with one of the aircraft a balloon weighted by a quantity of a granu-



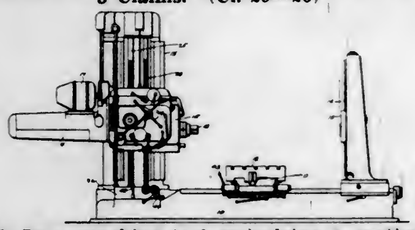
lar solid and a flexible suspension interconnecting the balloon and the aircraft so that the balloon is trailed beneath the aircraft in position to be picked up by the other aircraft.

2,123,649

COMBINED BORING AND MILLING MACHINE DRIVE

Ralph L. Cotta, Philadelphia, Pa., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania

Application September 1, 1937, Serial No. 162,023
8 Claims. (Cl. 29—26)



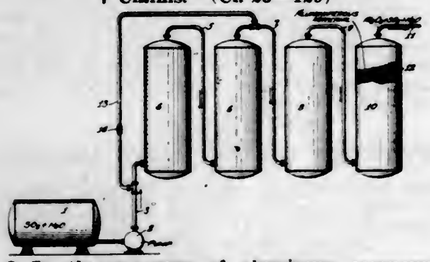
1. In a machine tool embodying a vertically movable head, an axially movable spindle carried by the head, a horizontally movable saddle and a table movable transversely upon the saddle, a reversible variable speed transmission having an output shaft controlling the axial movement of the spindle, a second shaft, an irreversible driving connection between said second shaft and the output shaft of the transmission and a reversible driving connection between the first-named shaft and feeding means for each of said head, said saddle and said table.

2,123,650

PROCESS FOR THE RECOVERY OF ALUMINUM COMPOUNDS FROM ALUMINIFEROUS MINERALS

Wilhelm Fulda, Lautawerk, and Erich Wiedbrauck and Karl Büche, Essen, Germany, assignors to firm Th. Goldschmidt A.-G., Essen-Ruhr, Germany

Application October 13, 1934, Serial No. 748,262
In Germany October 14, 1933
7 Claims. (Cl. 23—129)



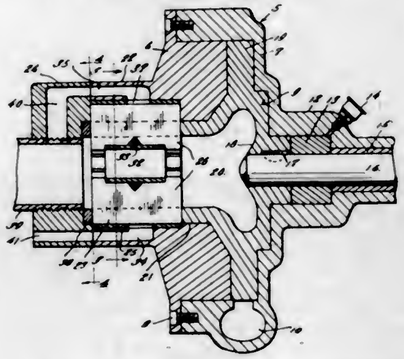
2. In the recovery of aluminum compounds from aluminiferous materials difficult to decompose, the process which comprises passing a flowing stream of aqueous sulfurous acid through a series of quiescent beds of such a material and maintaining the concentration of SO_2, the temperature and the velocity of flow of said solution within such limits that the concentration of Al_2O_3 is prevented from reaching the point at which precipitation of basic aluminum sulfite occurs until said solution is about to pass out of said system of quiescent beds.

2,123,651

SELF-PRIMING CENTRIFUGAL PUMP

John W. Gallagher, Seneca Falls, N. Y.

Application October 23, 1935, Serial No. 46,374
2 Claims. (Cl. 103—113)



1. A centrifugal pump of the character described comprising a main impeller casing having a main impeller mounted therein, said impeller having a main shaft supported in said casing, a hollow extension on said main casing and forming an auxiliary priming pump casing, an auxiliary priming pump rotor operating in the auxiliary casing, said main impeller having a tubular inlet portion operatively engaged with the auxiliary rotor, and a cover on the auxiliary rotor casing and having a main fluid supply tube in communication with the open end of the tubular inlet portion of the main impeller, said auxiliary pump casing having an inlet passage and an outlet passage for the auxiliary pump rotor, said passages being extended into the cover, said auxiliary rotor comprising a plurality of radially movable blades mounted in radial openings in the tubular inlet portion of the main impeller, and a tubular bearing engaged and supported by the radially inward ends of said blades and within the tubular extension of the main rotor and means connecting the inlet of said auxiliary pump with said main fluid supply tube.

2,123,652

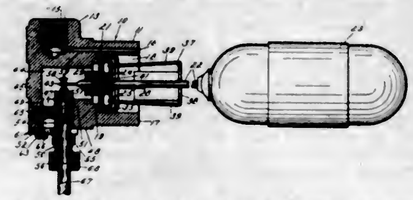
CONTROL DEVICE

Maximilian Klein and Reidar A. Tollefsen, Sellersville, Pa., assignors to United States Gauge Company, Sellersville, Pa., a corporation of Pennsylvania

Application December 2, 1935, Serial No. 52,602
13 Claims. (Cl. 137—68)

3. In a control device having a float and an arm secured to said float and pivoted in an aperture formed in a fitting, the combination of a bearing member designed to provide the pivot for said arm, a bridge member spanning said aperture and having a slot designed to receive

said arm and guide it and the float in their movement, and legs on said bridge member de-



signed to position and retain said bearing member in place.

2,123,653

PROCESS FOR THE MANUFACTURE OF ETHERS OF 2-METHYL-3-CHLORO-TETRAHYDROFURANE

Max Klingenfuss, Basel, Switzerland, assignor to Hoffmann-La Roche, Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application December 15, 1937, Serial No. 180,024. In Switzerland July 20, 1937
6 Claims. (Cl. 260—54)

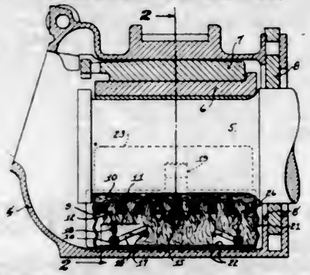
1. The lower alkyl ethers of 2-methyl-2-hydroxy-3-chloro-tetrahydrofurane.

2,123,654

JOURNAL BOX LUBRICATOR

George McCormick, Redwood City, Calif.

Application April 20, 1936, Serial No. 75,253
6 Claims. (Cl. 308—88)



1. A lubricator adapted to be inserted into and withdrawn from the journal box of a railway car axle, comprising a base member spaced below the axle, a flexible lubricant container secured to and depending from said base member, an absorbent pad between said base member and the axle, resilient supporting means disposed within said container including a pair of oppositely inclined toggle arms hinged at their upper ends to said base member with their lower ends adapted to rest within said container upon the bottom of the box, and a spring interconnecting said arms acting to press said base member and said pad upwardly against the axle, and means for supplying lubricant from within said container to said pad.

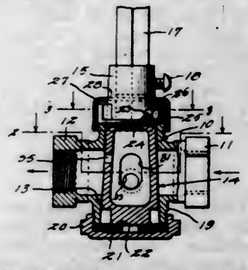
2,123,655

STOP AND WASTE VALVE

Wellington H. McDougal and George H. Burden, Little Rock, Ark.

Application November 17, 1934, Serial No. 753,524
Renewed December 15, 1937
1 Claim. (Cl. 251—110)

A valve comprising a casing having a straight passage therethrough and provided with a tapered valve seat intersecting said passage, said casing also having opposed openings communicating with said passage, a hollow tapered valve engaging said seat and having the large end thereof substantially flush with the large end of the seat, said valve having a passage therethrough adapted to aline with the passage in the casing when the valve is in open position and also having a bleeder opening at right angles to said valve passage and communicating therewith, the opposite ends of said valve passage registering with said opposed openings when the valve is in closed position, the reduced end of the valve having a stem receiving opening therein and also having



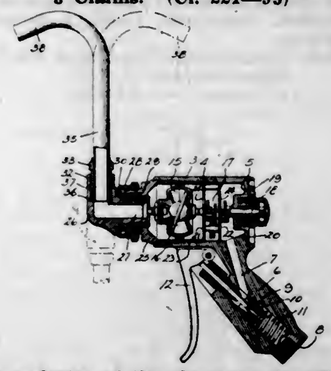
a transversely disposed stop pin receiving opening in one side thereof, an upstanding segmental flange carried by the casing about the projecting portion of the valve, a pin loosely disposed in the transverse opening of the valve projecting outwardly between the ends of the flange, a cap enclosing the flange and pin for holding the pin against movement, a cap threaded onto the casing at the enlarged end of the valve, a yieldable gasket in the cap engaging against the large end of the valve, and indicia on the casing adjacent the opposite ends of the passage whereby to facilitate the correct positioning of the valve on a pipe.

2,123,656

COMBINATION DISPENSING NOZZLE AND METER

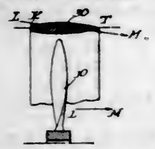
Jacob C. Miller, Milwaukee, Wis., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin

Application July 6, 1936, Serial No. 89,003
3 Claims. (Cl. 221—95)



1. In a device of the character described, the combination with a barrel and shouldered means at the end thereof providing a bearing, of a fitting provided with a bushing connected to the fitting and fitted to said bearing and having a complementary shoulder, packing confined between said shoulders, and a retaining nut engaging said bushing and in threaded connection with the barrel.

2,123,657
THRUST-RELIEVED PROPELLER
Max M. Munk, Cottage City, Md.
Application July 23, 1937, Serial No. 155,328
9 Claims. (Cl. 170—168)

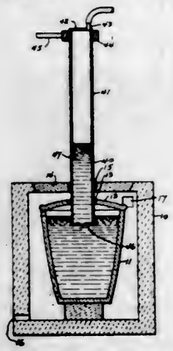


1. The combination of an aerial power-driven screw-type propeller and a stationary ring positioned adjacent the course of the propeller tips, said ring having a smooth, continuous, sharply trailed wing section contour, the zero-lift direction thereof being outwardly and rearwardly inclined relative to the direction of the propeller axis.

2,123,658
PROCESS FOR DEPHOSPHORIZING METALS
René Perrin, Paris, France, assignor to Societe d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France, a corporation of France
No Drawing. Application April 9, 1936, Serial No. 73,589. In France April 16, 1935
2 Claims. (Cl. 75—54)

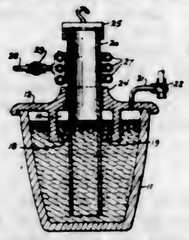
1. A process for dephosphorizing acid Bessemer steel by means of an oxidizing basic slag, which consists in adding to the steel a metallic substance of the group comprising manganese and ferromanganese and then pouring with such care the molten steel into a ladle containing the molten slag at such a temperature and with such a content of iron oxide that said iron oxide in the slag is reduced by carbon in the steel so as to produce, with the formation of carbon monoxide a seething which is sufficiently active to cause intermixing of the steel and of the slag and thereby a rapid dephosphorization of the said steel but not so intense as to cause the contents of the ladle to overflow.

2,123,659
MAKING BEARINGS
Robert D. Pike, Piedmont, Calif., assignor to Kalif Corporation, Emeryville, Calif., a corporation of Delaware
Application November 26, 1934, Serial No. 754,757
Renewed June 7, 1937
11 Claims. (Cl. 22—204)



1. The method of autogenously welding a layer of plastic bronze on iron or steel which comprises dipping a tube of said iron or steel into superheated flux bath, causing said flux to rise in and contact said tube, removing said tube from said bath with the flux therein, dipping it in a bath of molten plastic bronze at a temperature below the welding temperature if said flux be not superheated, causing said metal to rise in and contact said tube before substantial heat losses occur thereby to replace the superheated flux and move it upwardly, cooling the outside of said iron or steel to solidify said bronze progressively away therefrom, and removing remaining liquid when sufficient bronze has solidified.

2,123,660
MAKING BEARINGS
Robert D. Pike, Piedmont, Calif., assignor to Kalif Corporation, Emeryville, Calif., a corporation of Delaware
Application April 17, 1935, Serial No. 16,819
5 Claims. (Cl. 22—203)



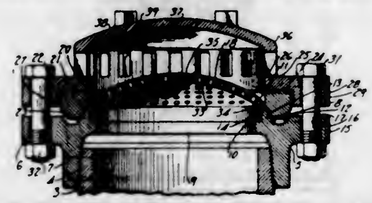
1. In an apparatus for cast-welding plastic bronze onto an iron or steel article, a container for said plastic bronze in molten condition, a nozzle on said container, the opening in said nozzle being larger than said article, a well at said nozzle and having an opening extending into said molten bronze, means to force compressed gas into said container, and means to cause a cooling spray to play at said nozzle.

2,123,661
PROCESS FOR PREPARING AMMONIUM NITRATE OF LOW WEIGHT PER UNIT OF VOLUME
Irnfried Petersen, Wolfen, and Anton Zehetmayr, Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 22, 1935, Serial No. 12,514. In Germany March 28, 1934
3 Claims. (Cl. 23—103)

1. A process of preparing crystalline ammonium nitrate having a low weight per unit volume which comprises heating a concentrated aqueous solution of ammonium nitrate capable of crystallizing on cooling to a temperature slightly below its boiling point at atmospheric pressure and thereupon atomizing it by the injection of air while applying pressure substantially below atmospheric to said atomized solution.

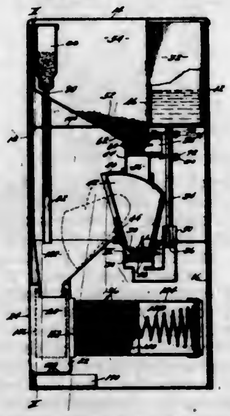
2,123,662
SAFETY PRESSURE DEVICE
Gwynne Raymond, Oklahoma City, Okla., assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla., a corporation of Maine
Application June 17, 1935, Serial No. 27,134
8 Claims. (Cl. 220—89)

3. A safety pressure device including a dome shaped diaphragm having a downwardly and outwardly flaring peripheral flange formed as a substantially unbroken continuation of the dome portion of said diaphragm so that no defined lines of fracture occur in the juncture of the flange with said dome portion, a supporting member for the diaphragm having a flow opening covered by the diaphragm and having a gripping surface encircling the opening substantially corresponding to the inclination of said flaring flange to seat said flange, a retaining ring having a complementary gripping surface engaging the



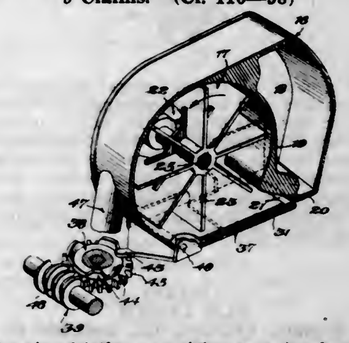
opposite side of said flange, a cap member having a closed top portion spaced from the dome portion of the diaphragm and having radial openings to provide outlets in case of fracturing of the diaphragm, said cap member having an annular recess below said top portion to accommodate the retaining ring, and means securing the cap member on the supporting member to secure the retaining ring in clamping contact with said flange of the diaphragm.

2,123,663
POPCORN MACHINE
Floyd I. Roach, Kansas City, Mo., assignor, by mesne assignments, to Popmatic Manufacturing Company, St. Louis, Mo.
Application November 1, 1934, Serial No. 750,946
2 Claims. (Cl. 53—4)



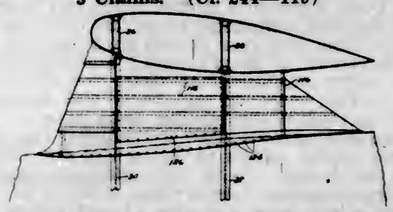
1. In a pop corn machine of the character described, a reservoir for popping oil; a perforated container movable to and from a position in the reservoir where some of the perforated portion thereof is below the level of said oil; means for so moving the said container; means for introducing a charge of corn into the container; common means for supplying popping oil to the container and maintaining the level of the same appreciably above the said charge of corn as it is being popped; apparatus for moving the said perforated container from the reservoir after the corn has been popped; salt measuring structure; and means for introducing a charge of salt into the popped corn as the latter is being dumped from the container, said salt measuring structure being operable by the said container actuating means as the latter is being operated to move the container to the position in the reservoir.

2,123,664
AIR WHISTLE AND CONTROL MEANS THEREFOR
Guy F. Schumacher, Elmhurst, Ill., assignor to American Flyer Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 5, 1937, Serial No. 140,968
9 Claims. (Cl. 116—58)



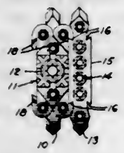
1. An air whistle comprising a casing having an air emission opening, means for generating air pressure in said casing, a member manually operable to cover and uncover said opening, a driven member, and means operable by said driven member to cover and uncover said opening during time periods of predetermined sequence and duration when said manually operable member is in its position uncovering said opening.

2,123,665
WING ATTACHING HULL SUPERSTRUCTURE
Igor I. Sikorsky, Trumbull, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application March 17, 1936, Serial No. 69,354
3 Claims. (Cl. 244—119)



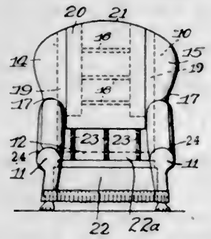
1. In an aircraft having a body portion provided with spaced transverse bulkheads, and a wing disposed above said body portion and provided with spaced longitudinal spars, means for operatively connecting said body portion and said wing together and distributing the load stresses between said wing and said body portion through the structure of each, said means comprising, a pair of diagonal tension members disposed across the opposite halves of each of the bulkheads aligned with respective wing spars, said diagonal tension members each comprising a pair of angle irons disposed one on each side of said bulkheads and extending to a common point above said bulkhead to form frames for attaching said body portion to said wing, and a reinforced connection between the upper end of each frame and the respective wing spar.

2,123,666
FINGER RING
Harry Sloss, Sausalito, Calif., assignor to Albert S. Samuels Company, San Francisco, Calif., a corporation of Delaware
Application June 9, 1936, Serial No. 84,310
2 Claims. (Cl. 63—15)



1. In a pair of finger rings designed to be worn together and having settings, a depression formed on the side of one ring and a projection formed on the other ring, said depression and extension having complementary centrally inclined undercut ends to form a wedging dovetail connection between the rings separable by sliding movement of the rings only when they are removed from the finger.

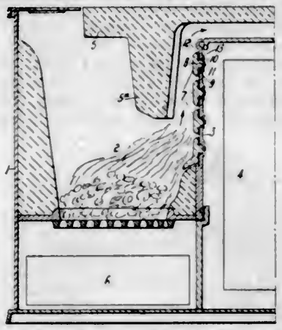
2,123,667
SLIP COVER
Philip Trubitz, Chicago, Ill., assignor to Sam Pass, Chicago, Ill.
Application May 7, 1936, Serial No. 78,372
2 Claims. (Cl. 155—182)



1. A slip cover for a stuffed article of furniture having a back comprising connected cover panels for the front and rear of said back, said panels being open at the lateral edges thereof and being of a width insufficient to cover the shoulders and vertical sides of said back, and auxiliary cover sections of trough-like form open at the bottom and each attached at the upper end only thereof to the panels at the top of the article back and having lateral edges disposed beneath the corresponding lateral edge portions of the panels at the front and rear of said article for covering said shoulders and sides of the article back.

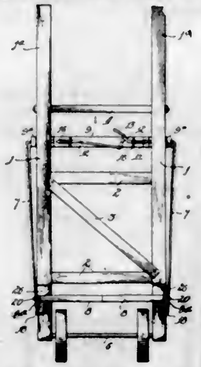
2,123,668
COOKING RANGE OR STOVE
George Albert Ure, Bonnybridge, Scotland
Application June 25, 1937, Serial No. 150,394
In Great Britain December 16, 1936
2 Claims. (Cl. 126—1)

1. In a cooking range or stove, the combination with a fire chamber, an oven disposed alongside said fire chamber and a perforated partition wall interposed between said oven and said fire chamber, said partition wall formed with inclined abutments on the side remote from said fire chamber, of renewable protector plates having stems entering the perforations and provided with extensions, washers interposed between said protector plates and the side of said partition wall adjacent



to said fire chamber, and cotter pins penetrating said extensions and engaging said abutments.

2,123,669
CASE CART OR TRUCK
August H. von der Ohe, La Crosse, Wis.
Application December 28, 1936, Serial No. No. 117,823
5 Claims. (Cl. 214—65.5)

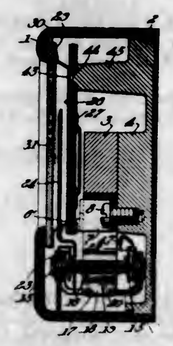


3. A hand truck for moving a stack of boxes or cases from place to place, comprising a framework or body mounted on wheels and including side pieces, arms swiveled to the side pieces and having lateral movement for gripping the ends of the boxes between them, said arms having hooks at their outer ends to engage the lowermost box, links connected to the arms and to the side pieces for disposing said arms forwardly at an inclination from the body of the truck, contact members extending inwardly from the links and converging outwardly from the side pieces, in normal position, to be engaged by the lowermost box for closing the arms on the box, and means associated with the contact members and arms for effecting the normal position of the contact members and arms for spreading the latter to receive a box between them.

2,123,670
ELECTRICAL MEASURING INSTRUMENT
Edward F. Weston, Elizabeth, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey
Application August 16, 1935, Serial No. 36,591
14 Claims. (Cl. 88—23)

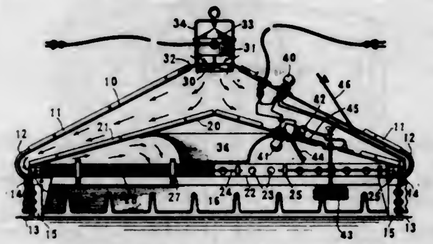
1. In a light meter, an electrical measuring instrument including a casing, a magnet within

said casing, a coil pivotally mounted in the field of said magnet, a thin metal scale plate within said casing, a pointer carried by said coil and movable over said scale plate, a photoelectric cell within said casing, means including a con-



ductive terminal member in contact with one face of said cell for securing said scale plate and cell to each other in parallel closely adjacent positions, and conductive means including said terminal member and said scale plate electrically connecting said cell to said coil.

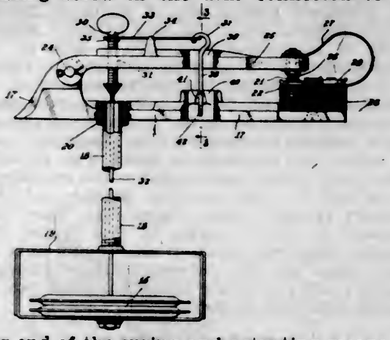
2,123,671
BROODER
Kenneth W. Du Bois, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application September 17, 1936, Serial No. 101,219
6 Claims. (Cl. 119—33)



1. A brooder of square outline having an outer casing and an inner ceiling with interlocking flanges and reinforcing corner pieces and having a return channel in the edge of the casing, the flange of the ceiling having air openings directed toward the center of the brooder, a heater wire mounted at the edge of the ceiling in line with said channel and said openings, and a motor driven fan for forcing air circulation between the casing and the ceiling and into the center of the brooder through said openings.

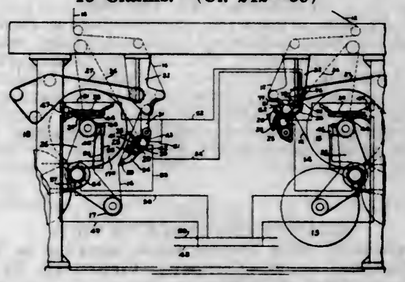
2,123,672
THERMOSTATIC CONTROL
Kenneth W. Du Bois, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application April 27, 1937, Serial No. 139,179
5 Claims. (Cl. 200—140)

1. In an electric switch, a base, an arm hinged to the base, a spring supported by the arm, a link connecting one end of the spring to the base, an adjusting screw in the arm connected to the



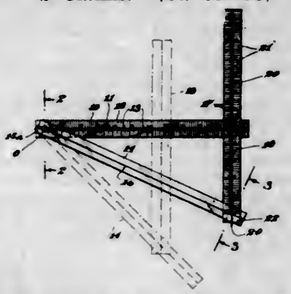
other end of the spring and actuating means coacting with said screw.

2,123,673
WEB ROLL SUPPLY MECHANISM
Raymond A. Freeman, Mount Vernon, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application December 5, 1935, Serial No. 52,945
15 Claims. (Cl. 242—58)



10. In a machine adapted to operate upon a plurality of webs to form a folded multiple page product, means to join the web of a replacement roll to one of said webs, an indicating element applied to and extending from an edge of any one of the other webs whereby it will extend beyond an outer edge of the folded product, and means to apply said element to said web when the aforesaid web join is made.

2,123,674
PROPORTIONAL SCALE
Gerald Gottlieb, New York, N. Y., assignor to Louis Kovel, New York, N. Y.
Application June 27, 1936, Serial No. 87,613
2 Claims. (Cl. 33—98)



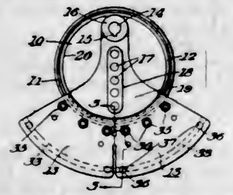
1. Proportional scales comprising three longitudinal members of substantially transparent ma-

terial, center lines substantially medially and longitudinally inscribed on said members, one of said members comprising a primary member, pivotal means connecting said primary member to one of said other members, a slide on said primary member, a pivot carried by said slide to which the third of said members is connected, said pivotal means and pivot connecting said members to each other along the center lines, the ends of said members connected to said primary member being free to slide or pivot and including means visible when said members are overlapping to indicate a right angular position of these members to each other comprising "hair" lines inscribed at right angles to the center lines whereby superimposition of the "hair" lines and center lines on the corresponding overlapping members will determine the rectangular position of these members to each other.

2,123,675
ARTIFICIAL SILK HOSIERY
August Hartmann and Johannes Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application October 19, 1935, Serial No. 45,832. In Germany November 7, 1934
4 Claims. (Cl. 66—202)

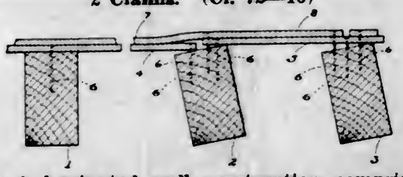
1. In the process of manufacturing hosiery from continuous filament yarn of artificial origin, the steps comprising knitting the hosiery from yarn having high uniform shrinkage characteristics and in the dry state, said hosiery having an irregular net formation, and thereafter moistening the said knitted hosiery fabric whereby the mesh of the said fabric is equalized.

2,123,676
COUNTERBALANCE DEVICE
Rowland F. Hill, Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 21, 1937, Serial No. 154,746
2 Claims. (Cl. 74—593)



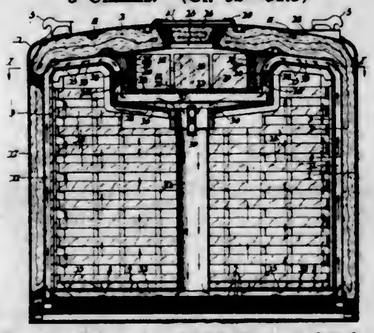
1. In a counterbalance device for well pumping apparatus, the combination of a weight support arranged for mounting on a rotary crank shaft, a radially disposed T-shaped edge portion on said support forming extended grooves on opposite sides thereof, angularly disposed clamping surfaces in said grooves, a two-part counterweight, a continuous inturned flange on each of said weight parts forming oppositely disposed grooves in said weight parts, angularly disposed clamping surfaces on said flanges complementary to the angularly disposed clamping surfaces in the grooves of said support, the flanges and grooves of the weight parts forming a socket for receiving said T-shaped edge portion, means on said weight parts for holding them in assembled relation to permit their adjustment along the T-shaped edge portion of said support, and means for drawing said weight parts together creating frictional engagement between said complementary angularly disposed clamping surfaces to fixedly secure said weight parts at a selected position along the T-shaped edge portion.

2,123,677
WALL CONSTRUCTION
Eslie B. Hummer, White Plains, N. Y., assignor of one-half to A. Harlow Atwood, White Plains, N. Y.
Application August 22, 1936, Serial No. 97,315
2 Claims. (Cl. 72—16)



2. A laminated wall construction comprising a series of spaced supports, a series of wall boards secured to said supports and forming a continuous wall base, the adjacent edges of successive wall boards meeting at a support, and additional wall boards secured to said base wall boards and forming a continuous wall surface, the adjacent edges of such successive wall boards meeting at a support other than a support at which the adjacent edges of successive base wall boards meet.

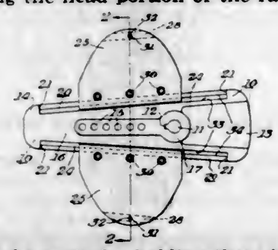
2,123,678
REFRIGERATOR CONTAINER
William J. Madden, Lansdowne, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 1, 1937, Serial No. 140,149
6 Claims. (Cl. 62—91.5)



1. In a refrigerator container, a bunker for solid carbon dioxide refrigerant, a duct for circulating air around the lading and into proximity with said bunker, a thermal transfer element disposed between said bunker and duct, and thermostatically controlled means for varying the effective area of contact between said thermal transfer element and the air circulating in said duct.

2,123,679
COUNTERBALANCE DEVICE
Joseph R. Mahan, Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 21, 1937, Serial No. 154,735
1 Claim. (Cl. 74—593)

In a counterbalance device for well pumping apparatus, the combination of a radial crank arm arranged for mounting on a rotary crank shaft, a rail along the upper and lower longitudinal edges of said crank arm, said rail having a head portion and a web portion, a two-part counterweight, a continuous inturned flange on each of said weight parts adjacent one edge thereof defining oppositely disposed grooves, said flanges and grooves of the weight parts forming a socket for receiving the head portion of the rail, means



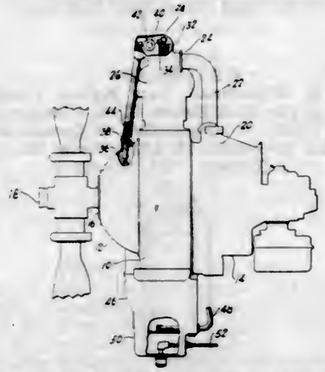
on said weight parts for holding them in assembled relation to permit their adjustment along said rail, and means for drawing the weight parts together to frictionally engage the bottom of said grooves with the sides of the head portion of the rail to fixedly clamp the weight in a selected position along the rail, said flanges remaining in spaced relation with said web portion of the rail.

2,123,680
DISPLAY CASE
Otis L. Whitehead, Portland, Oreg.
Application March 1, 1937, Serial No. 128,453
3 Claims. (Cl. 40—126)



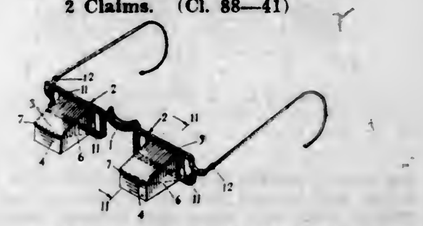
1. A display case consisting of a shelf having a back associated therewith, a plurality of simulated cans mounted on said shelf and clamping means for holding said simulated cans in superimposed positions and in a predetermined lateral relationship.

2,123,681
INTERNAL COMBUSTION ENGINE—ROCKER ARM LUBRICATION
Andrew V. D. Willgoos, West Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application September 25, 1935, Serial No. 42,005
8 Claims. (Cl. 184—6)



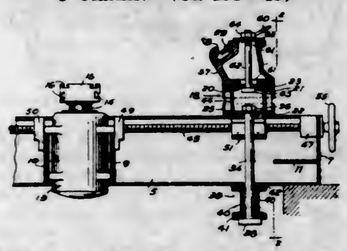
1. In an engine having an oiling system, a plurality of valves and valve actuating mechanisms, means for supplying oil from said oiling system to said valve actuating mechanisms, and means for limiting the supply of oil to each valve actuating mechanism to those intervals during which the elements of said mechanism are under load.

2,123,682
OPTICAL APPLIANCE
Gerald Henry Wingate, London, England
Application July 7, 1936, Serial No. 89,400
In Great Britain July 23, 1935
2 Claims. (Cl. 88—41)



1. An appliance for diverting the direct-vision field of a recumbent wearer to permit normally direct vision of objects at a considerable angle to that field, comprising a spectacle frame having grooved eye-frames, a pair of unequal sided triangular prisms, an opaque shield for each prism arranged to cover the side of intermediate size and the two bases thereof, means for securing said prisms each to its shield, and members carried by said shields and engaging said grooved eye-frames.

2,123,683
DIE PRESS
Otto Oeckl, Berlin-Baumschulenweg, Germany, assignor to Henschel Flugzeug-Werke A. G., Schonefeld, Germany, a stock company of Germany
Application March 30, 1937, Serial No. 133,812
5 Claims. (Cl. 153—48)

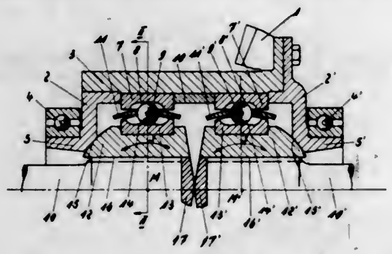


1. A die press for shaping metal sheets comprising a frame, a pressing head to which a die may be attached, two vise supports having supporting surfaces and being movable on said frame at opposite sides of said pressing head, self-locking and individually operative means for moving said supports towards and away from said pressing head, means for securing said supports to said frame, and at least two vises on each of said supports, each of said vises being individually operative and movable relatively to its associated support in the plane of its supporting surface, and being also rotatable about an axis at right angles to said plane.

2,123,684
DIFFERENTIAL MECHANISM FOR MOTOR VEHICLES AND THE LIKE
Karl Rabe, Stuttgart, Germany
Application January 10, 1936, Serial No. 58,585
In Germany January 16, 1935
12 Claims. (Cl. 74—389.5)

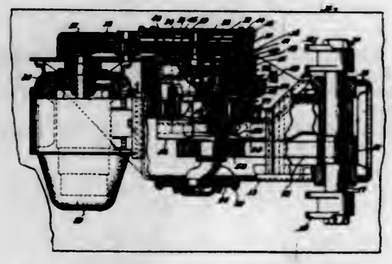
1. In a differential mechanism for motor vehicles and the like, a journaled driving member

formed with a plurality of inwardly faced curved seats, a shaft, and means for connecting said driving member to said shaft comprising clutch-



ing means bearing upon said curved seats along a line and formed with an arcuate surface concentric with said shaft and bearing thereupon.

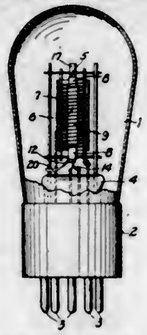
2,123,685
DRIVE MECHANISM FOR SHAKER CONVEYERS
William W. Sloane, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application March 13, 1936, Serial No. 68,618
19 Claims. (Cl. 198—220)



1. In a shaker conveyer drive, a crank driven at a variable angular velocity, a rocking arm, a connection from said rocking arm to a conveyer trough for reciprocably driving said conveyer trough and a connecting rod connecting said crank with said rocking arm, and a planetary geared reduction device for variably driving said crank, said planetary device including a reciprocably movable reaction member and means for reciprocably moving said reaction member during each revolution of said crank including an oscillating member driven by the shaft which drives said crank, said oscillating member being oscillatable about an axis coaxial with the pivotal axis of said rocking arm.

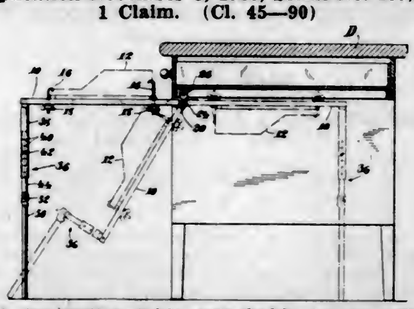
2,123,686
TUBULAR CATHODE FOR ELECTRON DISCHARGE DEVICES
John A. Spencer, Newtonville, Mass., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass., a corporation of Massachusetts
Application March 4, 1936. Serial No. 67,006
1 Claim. (Cl. 250—27.5)

In an electron discharge device, a tubular cathode, a coating of a substance having a high electron emissivity on the outer surface of said cathode, and a heater within said cathode, said cathode comprising a nickel tube having a coating of aluminum less than .005 inch thick on its working



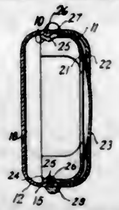
surface, said emissive coating surmounting said coating of aluminum.

2,123,687
TYPEWRITER TABLE
Welton W. Wells, Englewood, N. J.
Application November 5, 1936, Serial No. 109,254
1 Claim. (Cl. 45—90)



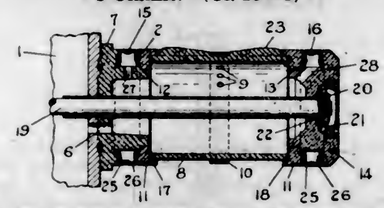
A typewriter table attachable to an article of furniture, comprising a table top, hinge means at one end of said table top attachable to an under surface of said article of furniture to allow swinging movement of said table top from an outward horizontal position around its hinge to an inward, substantially horizontal position with respect to said article, an extensible leg, and means pivotally connecting one end of said leg to an edge of said table top, said leg being swingable to opposite sides of the top to selectively retain the latter in its outward and inward positions.

2,123,688
WATCHCASE
Richard H. Whitehead, New Haven, Conn., assignor to The New Haven Clock Company, New Haven, Conn., a corporation of Connecticut
Application December 10, 1934, Serial No. 756,744
2 Claims. (Cl. 58—88)



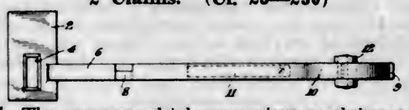
2. A watch case comprising front and back outer shell members abutting together, said front member having reinforcing bars on its periphery and having a strap engaging means attached to said bars, said bars being attached to said front member and slidable over the rear member and said bars extending beyond the edge of the front shell member to cover the abutment between said members and an inner shell fitting within said outer shell member, said front member and said inner shell having parallel flanges forming between them a recess to receive a crystal and said inner shell extending within said back member to form a tight joint.

2,123,689
APPARATUS FOR WASHING ARTIFICIAL THREADS
Ellsworth M. Wilson, Snyder, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application May 29, 1936, Serial No. 82,534
3 Claims. (Cl. 18—8)



1. Apparatus adapted for the fluid treatment of bobbin cakes of artificial thread comprising a fluid conduit, a spindle assembly secured to said conduit and adapted to support a bobbin, means whereby fluid is introduced from said conduit to said assembly, means comprising fluid apertures for emitting fluid to said bobbin, expansible gaskets for sealing the ends of said bobbin, and means for centering the bobbin in position, said centering means comprising rigid spacing lugs disposed about said spindle assembly, one or more of which extend further outwardly from said spindle assembly on the upper side thereof than on the under side, the spindle assembly being adapted to be maintained horizontally during the operation thereof.

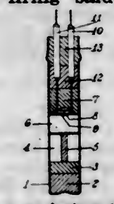
2,123,690
PROCESS AND APPARATUS FOR TESTING FOR SUGAR
Arthur Wright, Forest Hills, N. Y.
Application January 16, 1936, Serial No. 59,371
2 Claims. (Cl. 23—230)



1. The process which comprises applying a solution of bismuth subnitrate to a restricted area in a sheet of heat resisting material and then heating said area to dryness to form bismuth oxide therein, then applying a glucose-containing substance to said area and heating to form a dark bismuth-containing substance therefrom.

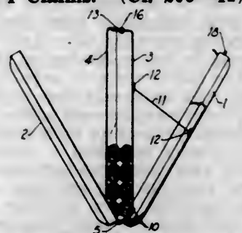
2,123,691
ELECTRIC INITIATOR
Lawton A. Burrows, Wenonah, and George A. Noddin, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application February 28, 1936. Serial No. 66,178
16 Claims. (Cl. 102—10)

1. A non-violent, ventless electric blasting squib comprising a ventless, rigid shell, a base charge capable of generating sufficient heat to fuse a vent in said shell, a juxtaposed charge capable of igniting said base charge, and means for electrically firing said juxtaposed charge,



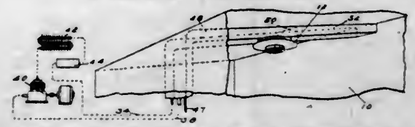
both of said charges being incapable, upon combustion, of generating sufficient gas pressure within said shell either to burst said shell or to forcibly eject said base charge in an ignited condition through a fused vent in said shell.

2,123,692
CIGARETTE CASE
Adolfo Juan Campos, Kearny, N. J., assignor of one-half to John N. Hemsley, Kearny, N. J.
Application March 24, 1937, Serial No. 132,698
4 Claims. (Cl. 206—41)



1. In a cigarette case the combination with a pair of hinged covers of a two part holder adapted to receive a plurality of cigarettes, comprising a bottom part dished to nest in one of the covers, a resilient cigarette retaining member opposed to the bottom part at a spaced distance therefrom, both parts being hinged on the axis common to the case covers at one end and being attachable at the other end by a clasp comprising the extremity of the retaining member turned substantially at right angles to itself toward the bottom part and adapted to bear on the outer surface of the adjacent turned up portion of the bottom part and to recess therein in an aligned slotted opening.

2,123,693
AIR CONDITIONING SYSTEM
Lachlan W. Child, South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill., a corporation of Delaware
Application June 4, 1936, Serial No. 83,465
3 Claims. (Cl. 257—244)



1. An air-conditioning fixture comprising upper and lower parts connected in spaced relation to provide an annular mouth opening approximately horizontally outward in all directions, a fresh air supply connected to the central portion of one of said parts, a room air intake provided at the central portion of the other

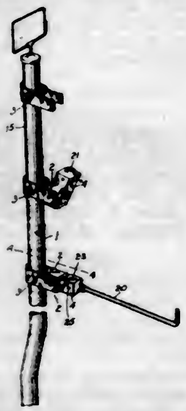
of said parts, air-circulating means for taking air from said supply and from said intake and blowing it out in all directions through said annular mouth valve means between said parts for proportioning the relative amounts of fresh air and room air, and a cooling coil in the path of the air passing through said fixture.

2,123,694
CLOSURE FOR COLLAPSIBLE TUBES
Clarence E. Denbow and Burt L. Rees, Columbus, Ohio
Application October 14, 1935, Serial No. 44,866
Renewed December 2, 1937
6 Claims. (Cl. 221—60)



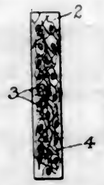
1. A closure for collapsible tubes comprising a hollow body of substantially hemispherical form and adapted to be received upon the reduced outlet neck of a collapsible tube, the upper end of said body being provided with a slit-like orifice normally closed by the resiliency of the material from which the cap is formed, arcuate lips integrally formed with said cap and projecting exteriorly thereof adjacent to said orifice, oppositely disposed fulcrums projecting outwardly from the lower portion of said cap, and a clamp pivotally connected with said fulcrums and conforming to the transverse curvature of the cap, said clamp being recessed so that when actively positioned, the walls of said recess closely engage with the outer walls of said lips to retain said orifice in its closed state.

2,123,695
ARTICLE DISPLAY FIXTURE
Francis E. Elmer, Bronson, Mich., assignor to L. A. Darling Company, Bronson, Mich., a corporation of Delaware
Application October 8, 1937, Serial No. 167,941
2 Claims. (Cl. 248—230)



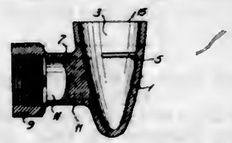
1. A clamp for supporting display fixtures upon standards of varying diameters, including a body member bent upon itself to provide a curved intermediate bight portion, spaced parallel free ends, and outwardly divergent portions connecting the bight portion and said free ends, said bight portion forming a seat for a standard of one diameter, and the opposed portions of the body at the juncture of the divergent portions and the free ends forming a seat for a standard of a different diameter, and adjustable means connecting the free ends of the body member and pivoted therebetween to coact with said body member to engage and hold a standard against one or the other of said seats.

2,123,696
INSULATING AND WATERPROOFING MATERIAL
Albert C. Fischer, Chicago, Ill., assignor to The Philip Carey Manufacturing Company, a corporation of Ohio
Original application May 10, 1922, Serial No. 559,908. Divided and this application May 14, 1928, Serial No. 277,804
14 Claims. (Cl. 106—31)



1. A waterproofing and thermal insulating material comprising a homogeneous mixture of a bituminous substance and a fibrous content distributed therein, said fibrous content comprising a mixture of resilient granular and long interlaced fibrous material.

2,123,697
SPRAY DEVICE
Nathaniel P. Green, University City, Mo.
Application January 3, 1938, Serial No. 183,061
5 Claims. (Cl. 299—114)

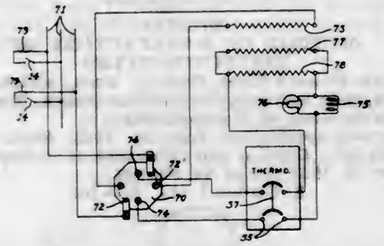


1. A spray nozzle comprising a body having a recess therein, the recess having the shape of a paraboloid of revolution, and means for admitting liquid laterally to the said recess, tangentially to the walls thereof.

2,123,698
CALCIUM SULPHATE-ZINC SULPHIDE PIGMENT
Marion L. Hanahan, Wilmington, Del., and James D. Prince, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware
No Drawing. Application March 30, 1935, Serial No. 13,908
19 Claims. (Cl. 134—78)

1. In a process of making a calcium sulphate-zinc sulphide pigment, the steps of reacting zinc sulphate with an aqueous solution of calcium hydrosulphide, maintaining in the reaction mixture at the end of precipitation a substantial excess of, but not to exceed more than about 20 grams of zinc sulphate per liter, and from 1 to 50 grams of sulphuric acid per liter, and subjecting the resultant precipitate to calcination in a non-oxidizing atmosphere to develop its pigment properties.

2,123,699
STOVE
Bertrand B. Kahn, Cincinnati, and Carl J. Hake, Hamilton, Ohio, assignors to The Estate Stove Company, Hamilton, Ohio, a corporation of Ohio
Application April 13, 1936, Serial No. 74,037
9 Claims. (Cl. 219—20)



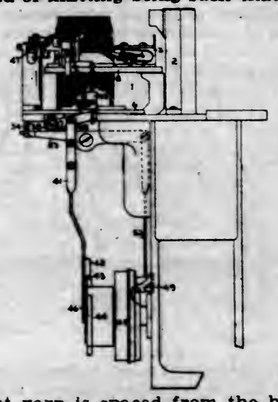
4. An electric heating arrangement for an oven of the character described adapted to be connected to a power source comprising a plurality of heating elements energizable from said power source for supplying heat to said oven, switch means for controlling the energizing of one of said elements, thermostatic means responsive to the temperature within the oven for effecting operation of said switch means to maintain a desired oven temperature, means for positively maintaining said switch means in open circuit position, a second switch means controlling the energizing of another of said heating elements, and means for preventing the simultaneous closing of said switch means.

2,123,700
NONFIBROUS FILM AND METHOD OF MAKING SAME
Nickolai N. Kojevnikoff, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 22, 1936, Serial No. 107,055
5 Claims. (Cl. 91—68)

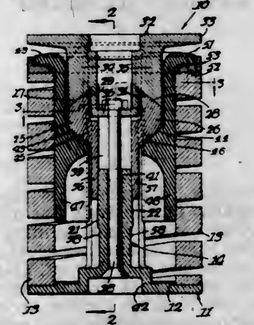
1. A method of treating non-fibrous, nonporous, water sensitive film comprising immersing said film in an aqueous bath containing 0.05 to 3.0% cellulose derivative emulsified therein, whereby to deposit on said film a cellulose derivative size.

2,123,701
KNITTING MACHINE AND METHOD OF KNITTING
Robert H. Lawson, Pawtucket, and Arthur N. Cloutier, Lonsdale, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application December 23, 1932, Serial No. 648,686
8 Claims. (Cl. 66—48)

3. A method of knitting a stocking including the knitting of the heel with a relatively heavy yarn upon less than all of the needles of a knitting machine and knitting the foot of the stocking with a relatively light yarn upon all of the needles, and interposing courses between the heel and foot, said courses being knitted with the same yarn used in the knitting of the heel, the method of knitting being such that the relatively light yarn is spaced from the heel suture in the completed stocking.



2,123,702
BOLSTER SPRING UNIT
Anthony Lerch, Jr., Chicago, Ill., assignor to Cardwell-Westinghouse Company, a corporation of Delaware
Application April 12, 1934, Serial No. 720,174
9 Claims. (Cl. 267—9)

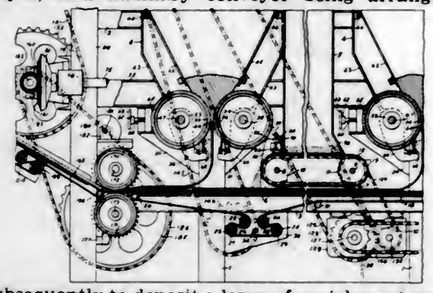


1. A spring unit comprising a friction post, friction shoes in frictional engagement with said post, a spring surrounding said post and shoes, means comprising a plurality of friction members frictionally engaging said spring and shoes for forcing said shoes laterally against said post upon the compression of said gear, means constituting an elongation of said shoes for preventing skewing thereof, and abutments for said spring carried by said post and first-named means.

2,123,703
DOUGH PREPARING MACHINE
Kenneth D. Loose, Bronxville, N. Y., Charles W. Watkins, and Joseph W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y., a corporation of New York
Original application October 2, 1935, Serial No. 43,246. Divided and this application March 1, 1937, Serial No. 128,439
4 Claims. (Cl. 107—1)

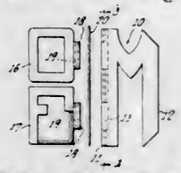
1. A dough-preparing machine comprising a pair of dough holders, an enrichment material holder arranged therebetween, a main conveyor

arranged beneath said dough holders to receive the dough coming therefrom, an auxiliary conveyor associated with said enrichment material holder, one of said dough holders being arranged to deposit a layer of dough upon the main conveyor, said auxiliary conveyor being arranged



subsequently to deposit a layer of enrichment material from said enrichment material holder upon said dough layer and the other dough holder being arranged thereafter to deposit a second layer of dough upon said enrichment material layer, and means for imparting a substantially constant thickness to the thus laminated dough.

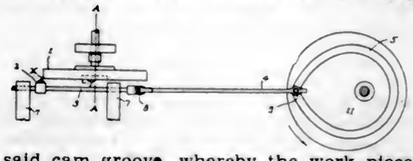
2,123,704
MONOGRAM, ORNAMENT, AND THE LIKE
Otto F. Meissner, New York, N. Y.
Application January 18, 1937, Serial No. 121,131
4 Claims. (Cl. 40—140)



2. A monogram, ornament, or the like comprising a plurality of relatively flat members, one of said members having a slot running lengthwise in a side edge thereof, another of said members having an ear on one end thereof, said ear registering in said slot of said first member, said side edge of said first member having an opening extending therethrough parallel with said edge, said ear having a similar opening extending therethrough, said openings being aligned when said ear registers in said slot, and a pin extending through said aligned openings to interlock said members.

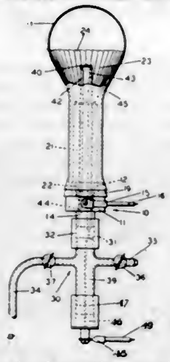
2,123,705
APPARATUS FOR CUTTING HARD SUBSTANCES
Albert L. Ball, Lewiston Heights, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application October 4, 1934, Serial No. 746,797
2 Claims. (Cl. 51—122)

1. Apparatus for grinding very hard substances and for distributing the wear of a grinding wheel with substantial uniformity over the major portion of the working surface of the wheel, said apparatus comprising an abrasive wheel having a flat annular grinding surface, a carrier mounted in fixed guides for supporting the work piece while it is reciprocated radially with respect to the working surface, a rotatable driving member having a cam groove consisting of two symmetrical branches, each of which is shaped similarly to an Archimedean spiral, and an arm adjustably connected at one end to said carrier and carrying at its opposite end a roller which is engaged



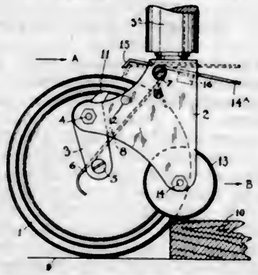
by said cam groove, whereby the work piece is positively reciprocated with a substantially constant speed except near points of reversal.

2,123,706
METHOD OF MANUFACTURE OF REFLECTOR BULBS
Orrick Howard Biggs, Beverly, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Original application July 20, 1932, Serial No. 623,504. Divided and this application September 28, 1933, Serial No. 691,322
8 Claims. (Cl. 91—70)



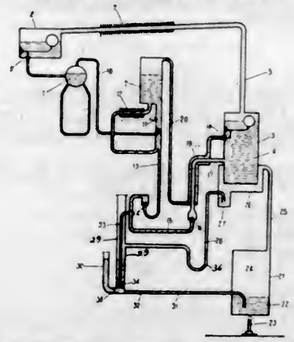
1. The method of partly coating the inside of a vessel having a bowl portion at one end and a restricted neck at the other end, with a reflecting coating confined to the bowl portion which comprises inserting a shield through the neck portion, expanding the shield to cover all but the bowl portion to be coated, subsequently evaporating a metal within the vessel, condensing the metal vapors to form a coating, collapsing the shield and withdrawing the shield through the neck portion.

2,123,707
WHEEL DEVICE
Arthur Bloch, New York, N. Y.
Application June 26, 1937, Serial No. 150,472
5 Claims. (Cl. 16—44)



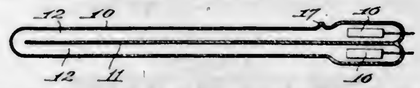
1. A wheel device and particularly a caster wheel device comprising in combination a wheel normally supporting the load in a positive manner, a support for said wheel, a link mechanism for connecting said wheel with said support, spring means adapted to snap said wheel downwardly behind projections of the floor, said link mechanism normally transmitting the load reaction of said wheel positively to said support, a link of said link mechanism normally constituting a rigid thrust member abutting against said support from below, abutment means on said support adapted to prevent forward and upward movement of said link and wheel under normal conditions but to permit upward and backward movement of said link and wheel after said link will have been knocked clear of said abutment means by the impact of said wheel against an obstacle.

2,123,708
ABSORBER TYPE REFRIGERATING SYSTEM WITH BOILER FEED
Kemper P. Brace, Brooklyn, N. Y.
Application May 23, 1935, Serial No. 23,097
8 Claims. (Cl. 62—119)



1. A refrigerating system of the absorber type comprising a boiler, a condenser, an evaporator, an absorber, an auxiliary boiler, means for continuously driving off vapor from said auxiliary boiler to heat said first named boiler, means for condensing said vapor and returning it intermittently to said auxiliary boiler, and means for utilizing some of the heat energy in said returning fluid for effecting transfer of fluid from said absorber to said boiler.

2,123,709
THERAPEUTIC LIGHT RAY APPARATUS
Louis J. Bristow and Frederick F. Strong, Los Angeles, Calif.
Application April 8, 1930, Serial No. 442,488
13 Claims. (Cl. 250—35)

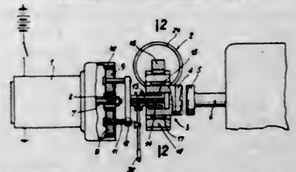


1. In an apparatus for producing ultra-violet rays, a substantially straight elongated transparent tube having a smooth outer surface, a flat partition disposed within the tube and dividing the space therein into a plurality of longitudinally disposed chambers of substantially equal cross-sectional area, an electrode sealed into each chamber, both of said electrodes being located at one end of said tube, and the two chambers in the tube communicating with each other at the distal end of said tube so as to form a continuous chamber from one electrode to the other, and an inert gas filling said chambers to a pressure sufficient to support an electrical discharge between said electrodes.

2,123,710
PURIFICATION OF 3,3'-DICHLOROBENZIDINE MINERAL ACID SALTS
Harold G. Bowlus, Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 6, 1936, Serial No. 109,455
3 Claims. (Cl. 260—130.5)

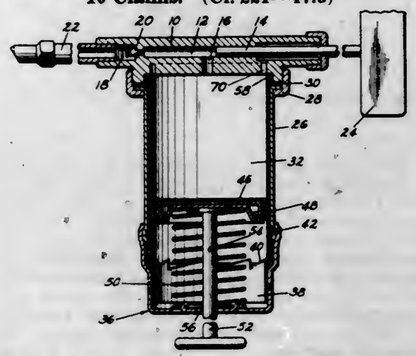
1. The process which comprises heating 3,3'-dichlorobenzidine mineral acid salt to about 90° C. in a mineral acid solution of that concentration in which the solubility of the acid salt is greatest and flooding the said solution with water.

2,123,711
METHOD OF STARTING INTERNAL COMBUSTION ENGINES
Albert Callsen, Stuttgart, Germany, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany
Application April 2, 1936, Serial No. 72,374
In Germany April 25, 1935
7 Claims. (Cl. 123—179)



1. A method of starting internal combustion engines wherein fuel is delivered to the cylinders of the engine during starting, consisting in first turning over the engine by means of a power motor through at least one cycle at low speed through a reduction gearing, and subsequently suddenly imparting a high kinetic energy impulse from a separate energy source to turn the engine at high speed in order to energetically whirl and vaporize the fuel mixture, the ignition of which subsequently drives the engine.

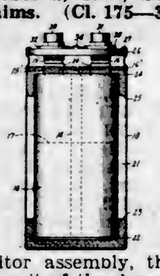
2,123,712
LUBRICATING DEVICE
Otto B. Clark, Chicago, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application April 29, 1935, Serial No. 18,727
10 Claims. (Cl. 221—47.3)



1. A lubricant dispenser comprising a pump,

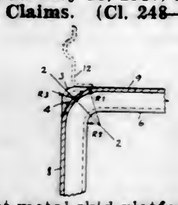
a cylindrical body secured to said pump and adapted to receive a lubricant cartridge therein, means providing communication between said pump and a cartridge in said cylindrical body, and an end member detachably secured to said cylindrical body and including means for severing one end of a lubricant cartridge disposed in said body.

2,123,713
PROTECTIVE MEANS FOR ELECTROLYTIC DEVICES
Frank M. Clark and Ralph A. Ruscetta, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
Application October 2, 1935, Serial No. 43,224
6 Claims. (Cl. 175—315)



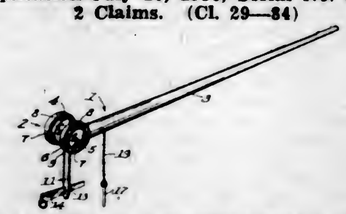
1. In a capacitor assembly, the combination with a capacitor unit of the dry electrolytic type having metallic foil electrodes assembled into a compact body with plastic electrolytic compound interposed between the electrodes and having connection terminals extending outwardly from one end of the body, of a pair of preformed nonporous tubular jackets of elastic rubber each drawn onto said body from an opposite end of the body with one of said jackets overlapping the other of said jackets, each of said jackets having an integrally formed closed end for covering a respective one of the opposite ends of said body and both of said jackets being of such size as to fit tightly about said body in order normally to seal said plastic electrolytic compound between said electrodes while providing for expansion of gases generated within said body, and means providing openings in the closed end of one of said jackets for the outward projection of said terminals.

2,123,714
SKID PLATFORM
Carl L. Clark, Warren, Ohio
Application February 18, 1937, Serial No. 126,420
3 Claims. (Cl. 248—120)



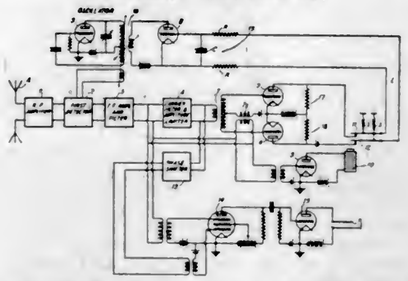
1. In a sheet metal skid platform having a deck and marginal upright legs with corners therebetween formed integrally from a single metal blank, a series of double corrugations, consisting of two recessed corrugations joined together by a raised center rib therebetween, traversing the deck, corners and legs thereof; the portions of the corners between and adjacent to successive double corrugations joining the deck and legs in a short abrupt curve, and the raised center ribs joining the deck and leg corrugations in a longer more gradual curve.

2,123,715
SHEET METAL BENDING TOOL
Samuel F. Conkle, Columbus, Ohio
Application July 10, 1936, Serial No. 89,929
2 Claims. (Cl. 29—84)



1. A device of the character described comprising a handle formed at one end with a pair of relatively spaced pads, antifriction bearings carried by said pads, said bearings each including an inner race rigidly secured to said pad, an outer race and antifriction balls between said races, a finger member eccentrically pivoted at one end in the space between said pads, a key loosely positioned in a slot near the free end of said finger, and a pin removably positioned across the space between said pads.

2,123,716
AUTOMATIC TUNING CONTROL
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application April 16, 1935, Serial No. 16,591
17 Claims. (Cl. 250—20)

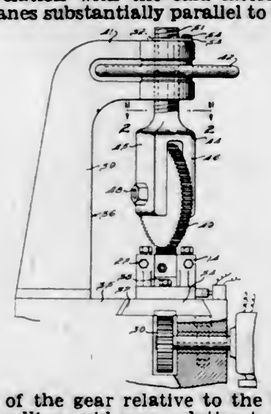


1. In combination a receiver of the heterodyne type including a first detector and a local oscillator, a pair of differential detectors having like control electrodes coupled in phase and in phase opposition to the output of said first detector, a transmission line and a modulator tube coupling the output of said differential detectors to said local oscillator, contacts in said transmission line, and a relay tube cooperating with said contacts, said relay tube having its input electrodes coupled to the output of said first detector.

2,123,717
GEAR FINISHING MACHINE
William F. Dalzen, Grosse Pointe, Mich., assignor to Michigan Tool Company, a corporation of Delaware
Original application July 31, 1931, Serial No. 554,193. Divided and this application August 1, 1935, Serial No. 34,139
7 Claims. (Cl. 90—2)

1. In a machine for finishing roughed out gear teeth utilizing a tool having a plurality of teeth one flank of each of which is formed of a plurality of spaced lands having substantially parallel lateral cutting edges thereon, the combination of

means for supporting said gear and said tool in engaging relation with the said lateral cutting edges in planes substantially parallel to the plane



of the roll of the gear relative to the tool; and means for rolling said gear relative to said tool and for introducing a lateral component of movement between said gear and tool teeth.

2,123,718
ESTERS OF UREA-ALKYLENE OXIDE CONDENSATION PRODUCTS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application December 24, 1936, Serial No. 117,581
18 Claims. (Cl. 260—99.40)

11. A compound of the general formula type Z.OOC.T.COO.D, in which Z is a member selected from the class consisting of hydrogen atoms, metallic atoms, ammonium radicals, amine radicals, alkyl radicals, hydroxy alkyl radicals, and alkoxy alkyl radicals, T is a nucleus derived from a polycarboxylic acid, and D is a radical derived from the partial esterification product of a rosin acid and the dihydroxy compound obtainable by condensing urea with a plurality of molecular proportions of an alkylene oxide and characterized by the following type formula:

$$HO—C_mH_{2m}—(O—C_mH_{2m})_n—NH—CO—NH-(C_mH_{2m}—O)_n—C_mH_{2m}—O—COR$$

in which the symbol m denotes a small number less than 10; n represents any number up to 25, and R.CO indicates the acyl radical derived from a rosin acid.

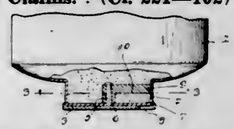
2,123,719
CIGARETTE EXTINGUISHER
Manuel de la Torre, Houston, Tex.
Application June 14, 1937, Serial No. 148,001
7 Claims. (Cl. 131—51)



1. A cigarette extinguisher comprising a casing, pivotally mounted guide plates therein normally forming a receiver for a stub, yieldingly mounted clamp means beneath the receiver, means for actuating the guide plates into open position to release the stub therefrom, said guide plates being effective to open the clamp means into position to receive the released stub and yieldable means for closing the clamp means upon release of the guide plates whereby the stub will be clamped by the clamp means.

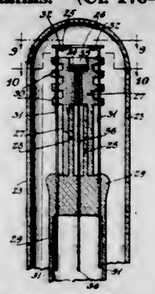
4. In a cigarette extinguisher having a suitable casing and a waste container, the combination of means for clamping a cigarette stub to compress and extinguish the same, and detaching elements arranged to positively detach the compressed stub from the clamping means, said detaching elements being arranged to automatically and simultaneously detach the cigarette stub from the clamping means upon movement of the clamping means to open position.

2,123,720
MEASURING TOP FOR CONTAINERS
Scott E. Donelson, Marion, Ohio
Application July 3, 1936, Serial No. 88,699
4 Claims. (Cl. 221—102)



2. In combination with a container having a neck provided with a slot, a pin journaled in the neck, a dispensing element secured to the pin and located in the neck and cooperating therewith when in one position in defining a space of a size to receive a predetermined amount of the content of the container, a cap having an opening secured to said pin and acting to close the slot during said position of the dispensing element and may be rotated to open the slot by aligning the opening with said slot and to bring about movement of the dispensing element from said position towards the slot to sweep the measured amount towards and through the slot and opening.

2,123,721
FACSIMILE RECORDING TUBE
William G. H. Finch, New York, N. Y.
Application July 2, 1937, Serial No. 151,555
8 Claims. (Cl. 176—122)

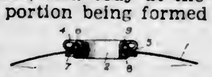


1. A gaseous discharge tube comprising a sealed vessel containing a cathode electrode, an insulation member for supporting said cathode, said cathode being juxtaposed against said member, cooling fins integral with and projecting from said member for reducing the temperature of said cathode during operating condition.

2,123,722
FASTENER FOR UMBRELLA COVERS
Carl Flichtenfeld and Nathan Flichtenfeld, New York, N. Y.
Application December 29, 1937, Serial No. 182,180
5 Claims. (Cl. 24—141)

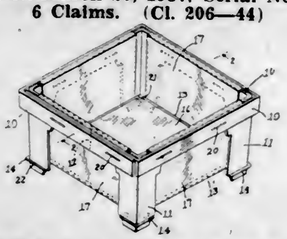
4. A fastener for umbrella covers comprising a member having a tubular body and an in-

turned annular gripping portion, and a ring surrounding the tubular body interiorly of said gripping portion, said body at the end opposite said gripping portion being formed with a grip-



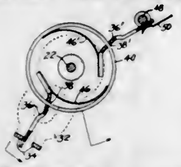
ping flange extending at almost right angles to said gripping portion for gripping said ring and that part of the cover surrounding the ring and pressing the ring and covering against said body.

2,123,723
CONTAINER
Emery C. Furrer, Chicago, Ill.
Application March 20, 1937, Serial No. 132,061
6 Claims. (Cl. 206—44)



1. A container comprising an upper marginal member of sheet material, corner legs depending from said member, a transparent member supported by said marginal member and constituting the bottom and side walls of the receptacle portion of the container, and a wire member disposed within said receptacle portion at the perimeter of the transparent bottom thereof and provided with corner portions on the exterior of said receptacle engaging said legs.

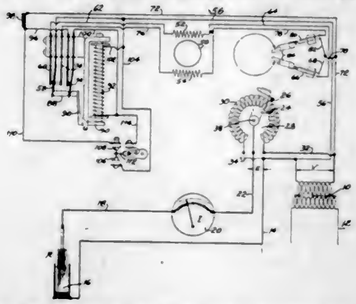
2,123,724
MEASURING INSTRUMENT
George W. Grisdale, Chicago, Ill., assignor to Republic Flow Meters Company, Chicago, Ill., a corporation of Illinois
Application March 16, 1936, Serial No. 69,010
5 Claims. (Cl. 74—162)



1. A one-way drive device comprising a driven member, an oscillating driving member, a freely floating third member engageable with the driven member, a resilient member engageable with the driven member and said third member for urging the third member into a position to engage the driven member, and means on the driving member to engage said third member, whereby the third member will drive the driven member in one direction but not in the other direction.

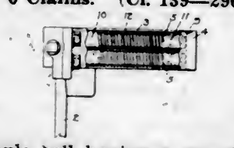
2,123,725
IMPEDANCE CONTROLLING APPARATUS
Otto T. Handwerk, Chicago, Ill., assignor to Republic Flow Meters Company, Chicago, Ill., a corporation of Illinois
Application April 23, 1936, Serial No. 76,013
9 Claims. (Cl. 73—193)

1. Apparatus of the class described comprising an indicator, a flow-meter, a variable impedance, and a source of electric power, all arranged in series in a circuit, and a second circuit which also includes said source and which is in parallel with the first circuit and which includes a reversible motor arranged to operate the variable impedance and a reversing-switch device con-



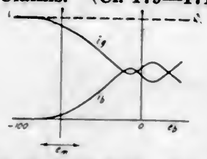
trolling the motor and a mechanism which is responsive to a condition to be integrated with the flow measured by the flow-meter and which automatically controls said switch device to set the variable impedance in accordance with said condition.

2,123,726
TEMPLE ROLL
Thomas Henderson, Spartanburg, S. C., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application October 12, 1937, Serial No. 168,612
Renewed May 28, 1938
6 Claims. (Cl. 139—296)



1. A temple roll having a smooth cylindrical fabric-gripping surface of appreciable length at its selvage end and a grooved fabric gripping surface intermediate its ends.

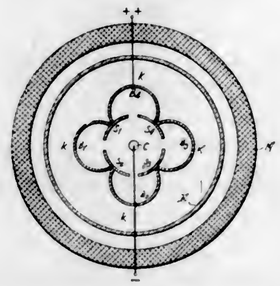
2,123,727
MODULATION CIRCUIT FOR RETARDING FIELD GENERATORS
Hans Erich Hollmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application October 23, 1934, Serial No. 749,535
In Germany November 3, 1933
5 Claims. (Cl. 179—171)



1. An oscillation generator comprising an electron discharge device having an anode, cathode and a grid, means for supplying a positive potential to said grid and a less positive potential to said anode relative to said cathode, whereby there is obtained pendulum motion of electrons about said grid, and means for supplying modulating potentials co-phasally to said anode and

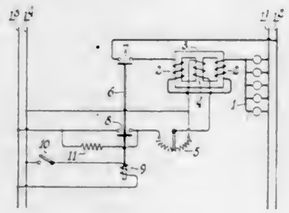
grid, the last said means comprising means for causing a constant saturation electron flow from said cathode.

2,123,728
MAGNETRON
Hans Erich Hollmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application November 27, 1936, Serial No. 112,977
In Germany November 29, 1935
1 Claim. (Cl. 250—27.5)



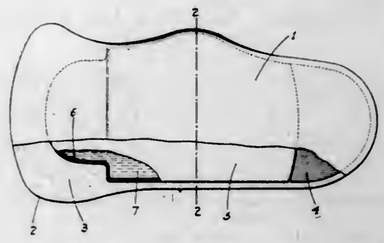
An electron discharge device having a straight cathode, a plurality of pairs of sheet metal anode segments coextensive with each other and surrounding said cathode, conductors connecting adjacent anode segments, said conductors comprising sheet metal straps equal in width to the length of said anode segments, and means for producing a magnetic field parallel to said cathode.

2,123,729
ILLUMINATION CONTROL SYSTEM
Richard B. Hunter, Shorewood, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application January 28, 1937, Serial No. 122,721
11 Claims. (Cl. 175—312)



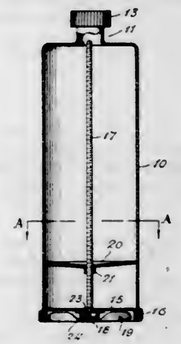
1. A control system comprising, in combination, an alternating current load circuit, a variable impedance device for controlling the voltage to be impressed upon said circuit, means for varying the impedance of said device comprising a control winding supplied with current from a suitable source, voltage regulating means for varying and maintaining the voltage supplied to said control winding, switching means for said load circuit and switching means for said control winding jointly operable at will, means comprising an impedance connected in parallel with said control winding switching means, said impedance providing for a predetermined reduced energization of said control winding during deenergization of said load circuit whereby a substantially exact predetermined voltage for said load circuit is attained relatively quickly upon joint energization of said load circuit and said control winding by operation of said switching means.

2,123,730
ARCH SUPPORTER
Fred Huttleston, Marysville, Calif., assignor of one-half to Loren J. Francis, Yuba City, Calif.
Application June 29, 1937, Serial No. 150,946
2 Claims. (Cl. 36—71)



1. An arch supporter comprising an enclosed envelope shaped to fit in a shoe and the upper face of which is flexible, a liquid-tight flexible rubber sack in the envelope and a self sealing liquid in the sack whereby said liquid may be injected into the sack with a hypodermic needle.

2,123,731
CONTAINER
Eugene W. Kahn, New York, N. Y.
Application November 14, 1935, Serial No. 49,655
1 Claim. (Cl. 221—79)



A combination container and dispenser for shaving cream, salves, and the like, comprising, a body portion having side walls, a bottom and a top, said top being substantially flat on the inner side thereof and having a nozzle substantially in the center thereof, a shallow cone-shaped disc of flexible material transversely fitted in said body, the apex of said disc being on the lower side relative to said top and nozzle, the outer edge of said disc being slidably engaged with the inner side of said walls, said disc being reciprocable longitudinally in said body, and engageable with said top for ejecting substantially all of the contents thereof, threaded means in the center of said disc, and a threaded rod extending through said disc

and threadedly engaged with said means, said rod extending longitudinally along the axis of said body, means on the lower end of said rod and extending externally of said body through the bottom thereof for manually rotating said rod to move said disc.

2,123,732

CATALYST COMPOSITION AND METHOD OF MAKING SAME

Christian W. Keitel, West Orange, and Thomas J. Walsh, Newark, N. J., assignors to Baker & Co., Inc., Newark, N. J., a corporation of New Jersey

No Drawing. Application June 2, 1936, Serial No. 83,070
4 Claims. (Cl. 23—233)

1. A method of making a catalyst composition which comprises providing a porous carrier material of suitable particle size, heating the same, providing a compound of a catalytic metal intimately dispersed in a liquid organic medium, the temperature of said carrier being above the vaporization point of said liquid, and spraying said liquid onto said carrier, whereby evaporation of said liquid is substantially instantaneous and substantially no penetration into the interior of said carrier takes place.

2,123,733

PRODUCTION OF N-VINYL COMPOUNDS

Ernst Keyssner, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort - on - the - Main, Germany

No Drawing. Application July 31, 1936, Serial No. 93,570. In Germany August 17, 1935
2 Claims. (Cl. 260—46)

1. In the process of producing N-vinyl carbazole by reacting acetylene at a temperature above 100° C. with carbazole, the step which comprises using as a catalyst a substance selected from the group consisting of the alkali metals and strongly alkaline reacting alkali metal compounds and a substance selected from the group consisting of zinc and zinc compounds.

2,123,734

PRODUCTION OF N-VINYL COMPOUNDS

Ernst Keyssner and Werner Wolff, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application August 1, 1936, Serial No. 93,884. In Germany August 9, 1935
2 Claims. (Cl. 260—46)

1. In the process of producing N-vinyl carbazole by reacting acetylene at a temperature above 100° C. with carbazole, the step which comprises using as a catalyst a substance selected from the group consisting of the alkali metals and strongly alkaline reacting alkali metal compounds and a substance selected from the group consisting of ammonia and tertiary heterocyclic bases.

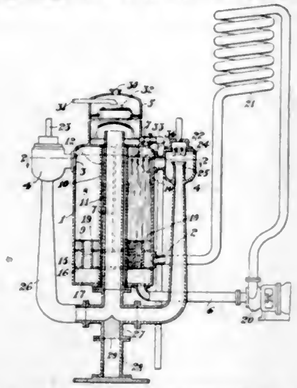
2,123,735

REFRIGERATING APPARATUS

John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application May 8, 1936, Serial No. 78,528
10 Claims. (Cl. 62—115)

1. Refrigerating apparatus comprising an evaporator tank, a condenser, evacuator means for the tank, and means forming an insulated passage through the tank into the condenser, said



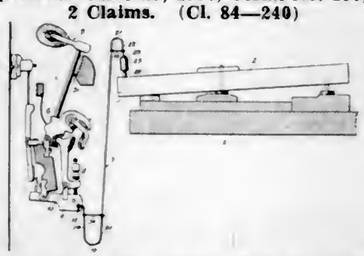
evacuator means being connected to discharge into the condenser through the said passage.

2,123,736

PIANO ACTION

Adolf Klein, New York, N. Y.

Application June 29, 1937, Serial No. 150,943
2 Claims. (Cl. 84—240)



1. In a piano action of the character described, an abstract having an upper end bent to present a downwardly extending leg, an egg-shaped enlargement on the lower end of said leg, a capstan having a socket in which said enlargement is loosely mounted, a cushion positioned in said socket beneath said enlargement, and a threaded member for connecting the capstan with a key of the piano, said threaded member coacting with the capstan for vertically adjusting the position of said abstract, said abstract at the lower end being bent to present a generally hook-shaped portion formed with a journal section adapted to extend through the wippen of the action.

2,123,737

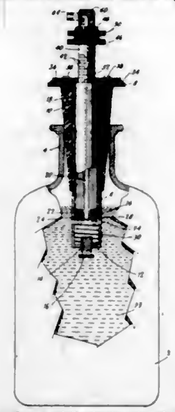
FLUID DISPENSING APPARATUS

Newton A. Lewis, Bronx, N. Y.

Application March 31, 1937, Serial No. 134,022
10 Claims. (Cl. 221—147)

1. Dispensing apparatus for a fluid container comprising a cylinder, means for removably fixing said cylinder to the top of a fluid container, means closing off the bottom end of said cylinder, a piston within said cylinder, said piston having an interiorly disposed fluid passage, said cylinder having a plurality of fluid inlet ports near its closed off bottom whereby fluid is permitted to flow from said fluid container through said ports and into the space between the bottom of said cylinder and the bottom of said piston, stop means, resilient means resiliently holding

said piston against said stop means, said pistons being adapted to move against said resilient means and past said ports whereby the fluid entrapped in the bottom of said cylinder is caused



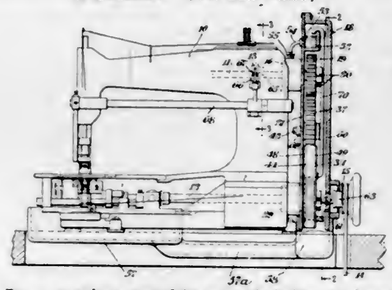
to move through said interiorly disposed passage, and means for predetermining the amount of fluid which is permitted to flow from said fluid container into the space between the bottom of said cylinder and the bottom of said piston.

2,123,738

SEWING MACHINE

Charles Meyer, Yonkers, N. Y., assignor to Bartmann & Bixer Inc., New York, N. Y.

Application December 12, 1936, Serial No. 115,503
12 Claims. (Cl. 112—220)



1. In a sewing machine containing a housing for an upper and a lower shaft, supporting means for said shafts contained within the housing, a casing attached to said housing, two shafts operatively associated with the machine and carried by said supporting means and extending into the casing, a gear affixed to each of said shafts within the casing, an intermediate gear in operative engagement with said other two gears, and an adjustable mounting for said intermediate gear, said mounting being adjustably movable with respect to the position of the two shafts whereby the intermediate gear will be adjustable relative to the other two gears.

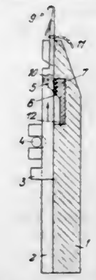
2,123,739

KNITTING MACHINE

Adolf Max Müller, Chemnitz, Germany

Application December 16, 1936, Serial No. 116,101
In Germany October 17, 1935
11 Claims. (Cl. 66—5)

1. In a knitting machine including a needle-bed and a needle movable relatively to the bed, the provision of an intermediate movable member between the needle and the bed adapted to rock the needle out of its normal path on move-



ment of the needle in one direction and to remain inoperative in movement of the needle in the other direction.

2,123,740

COLORATION OF MATERIALS COMPRISING CELLULOSE DERIVATIVES

Arthur R. Murphy, Penns Grove, and Donovan E. Kvalnes, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 29, 1935, Serial No. 13,791
12 Claims. (Cl. 8—5)

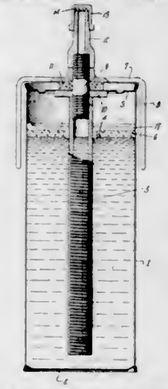
4. A process for the dyeing of materials comprising cellulose acetate which comprises treating said materials with an aqueous dispersion of a substantially insoluble dye capable of coloring cellulose acetate, said dispersion having been obtained with the aid of a surface active compound selected from the group consisting of ammonium, sulfonium, and phosphonium compounds which contain a positively charged ion that contains an aliphatic hydrocarbon group having from twelve to eighteen carbon atoms.

2,123,741

DISPENSING CONTAINER

Howard L. Newton, New York, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York

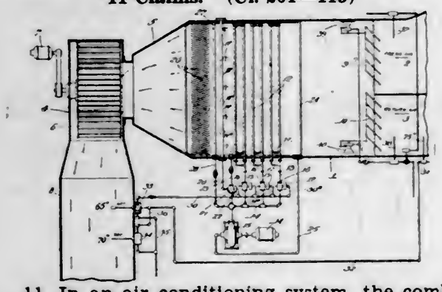
Application March 12, 1937, Serial No. 130,431
1 Claim. (Cl. 221—79)



A container, for grease or the like, comprising a cylindrical body with permanently fixed ends, the upper end being centrally perforated, a piston movable in the body and having a central

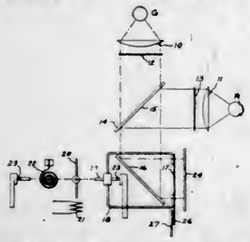
threaded opening, an axially arranged theaded stem engaging the threaded opening in the piston, means, including a discharge nozzle, rotatably mounted in the central opening of said upper end and connected with the threaded stem to rotate the same, and a U-shaped member, for manually controlling said rotatably mounted means, having a transverse member centrally attached to said means and arms depending from the transverse member close to the sides of the body.

2,123,742
AIR CONDITIONING
Bernard Offen, Chicago, Ill., assignor, by mesne assignments, to Carrier Corporation, Newark, N. J., a corporation of Delaware
Application December 8, 1930, Serial No. 500,716
11 Claims. (Cl. 261—115)



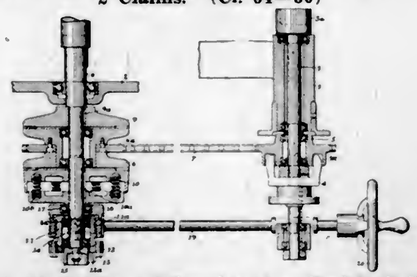
11. In an air conditioning system, the combination with the enclosure in which conditioned air is used, of a conduit of undivided cross section, means for propelling a single stream of air co-extensive with said conduit through said conduit into said enclosure, a series of liquid sprays extending across the top of said conduit, means for supplying said sprays with liquid at a temperature below the dew point of the air in said stream, said sprays being designed to discharge the liquid therefrom in streams of liquid particles, and means for adjusting said sprays to vary the surface area of the liquid particles in heat-exchanging relation with the air in said stream to thereby vary the proportion of the air whose temperature is reduced below its dew point.

2,123,743
COLOR CHANGING INDICATOR
William H. Pratt, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application September 4, 1936, Serial No. 99,442
8 Claims. (Cl. 116—114)



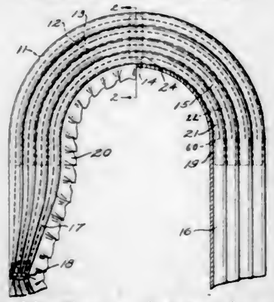
1. Indicating apparatus for indicating by a change in color comprising, a pair of light sources of different colors, means for projecting light from said sources onto a translucent screen, means for causing the light projected from the different sources to be polarized in axes displaced about ninety degrees to each other, an analyzer screen interposed between said light-polarizing means and the translucent screen, and means responsive to a condition to be indicated for rotating the analyzer screen from a position where it allows only light of one color to pass to a position where it allows only light of the other color to pass.

2,123,744
TAKE-UP MECHANISM
Clifford H. Ramsey, Glen Rock, N. J.
Application January 21, 1937, Serial No. 121,716
2 Claims. (Cl. 64—30)



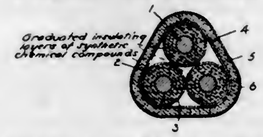
1. Mechanism of the class described including in combination, with a rotary structure comprising an axially elongated portion and a fixed clutch-element thereon and with a clutch-element revoluble on said portion and movable into clutching engagement with the first clutch-element, an abutment member on said portion confined against displacement from the first clutch-element and between which and the latter the second clutch-element is arranged, a unitary thrust member arranged on said portion between the abutment member and the second clutch-element and displaceable axially of said portion to urge the second clutch-element into clutching engagement with the first clutch-element, said members having co-engaging threading coaxial with said portion and one being revoluble relatively to the other and having gear teeth in a series concentric with, and each extending parallel with the axis of, said portion, and a gear device journaled in the other member and geared with the teeth of the member having such teeth.

2,123,745
DRAPERY MOUNTING
Goldie Rosenberg, Brooklyn, N. Y.
Application July 16, 1935, Serial No. 31,571
8 Claims. (Cl. 156—10)



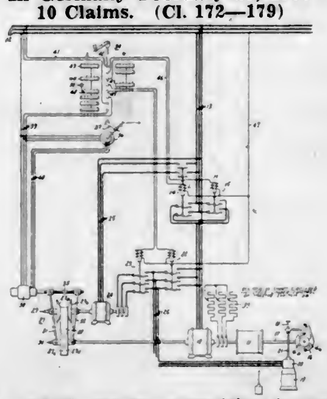
1. In combination, a drapery formed into a series of pleats, a filler located in each pleat to support the same against collapse, and means for hanging the drapery.

2,123,746
INSULATED CABLE
Helge Rost, Mexico, D. F., Mexico
Application August 30, 1933, Serial No. 687,439
In Sweden July 30, 1932
8 Claims. (Cl. 173—266)



1. An electric power cable comprising an electric conductor and a composite insulation sheath of graduated dielectric constant surrounding the conductor, said insulation sheath being composed of a plurality of homogeneous layers, each of which consists of an organic, electrically insulating, polymerized, solid, chemical compound, free from heterogeneous inclusions, each of said layers possessing a dielectric constant differing from that of the other layers, the innermost layer being intimately united with and clinging closely to the said conductor, and each succeeding layer being intimately united with the preceding one, all recesses inside the cable being filled out by said layers to avoid gas pockets.

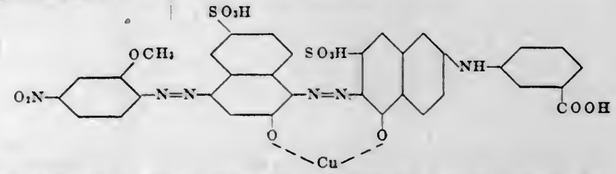
2,123,747
CONTROL SYSTEM
Carl Schiebeler, Berlin-Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York
Application February 23, 1937, Serial No. 127,240
In Germany February 29, 1936
10 Claims. (Cl. 172—179)



10. A control system comprising in combination, a main driving motor, a mechanical brake therefor, a master switch for controlling the speed thereof, an electrohydraulic brake operator having an alternating current driving motor, a frequency changer driven by said main motor for supplying to said operator motor a voltage having a frequency varying inversely with variations in the speed of said main motor, a variable speed drive included in the driving connections between said main motor and frequency changer, and means operated by said master switch for varying the drive ratio of said variable speed drive whereby said frequency changer is operated at a predetermined percentage of its synchronous speed for all speeds of said main motor.

2,123,748
METALLIFEROUS NITRO-AZO-DYESTUFFS
Hans Schindhelm, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application November 2, 1935, Serial No. 48,057. In Germany November 6, 1934
1 Claim. (Cl. 260—12)

The copper compound of the dyestuff corresponding to the formula:

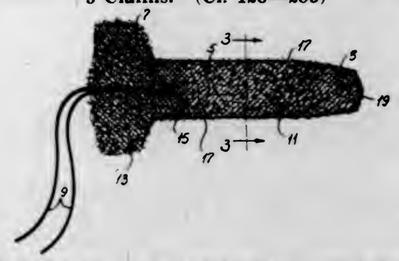


which compound represents a black powder soluble in water to a blue, in concentrated sulfuric acid to a greyish blue solution, dyeing cotton grey shades of an excellent fastness to light.

2,123,749
POLYAMINO-1.9-ANTHRAPYRIMIDINES AND A PROCESS OF PRODUCING THEM
Otto Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 30, 1936, Serial No. 88,113. In Germany July 12, 1935
2 Claims. (Cl. 260—32)

1. A process of producing polyamino-1.9-anthrapyrimidines which comprises heating an amino - 1.9 - anthrapyrimidine-2-sulphonic acid the amino group of which stands in an isocyclic nucleus with a compound selected from the class consisting of ammonia and amines containing at least one exchangeable hydrogen atom attached to nitrogen.

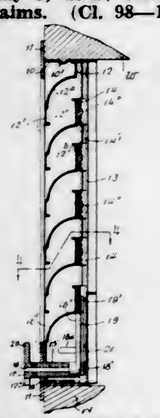
2,123,750
CATAMENIAL TAMPON
Paul A. Schulz, Webster Groves, Mo., assignor to United Drug Company, Boston, Mass., a corporation of Delaware
Application May 19, 1934, Serial No. 726,482
5 Claims. (Cl. 128—285)



5. A tampon adapted to be inserted in the vagina for absorbing the menstrual flow, com-

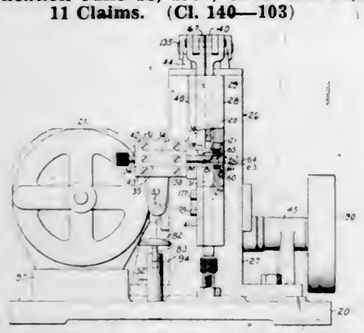
prising an elongated body portion of fibrous absorbent material, and an enlarged outer end part of non-absorbent fibrous material adapted to seal the vagina against leakage and form a seat for retaining the tampon in its proper position.

2,123,751
VENTILATOR
Solomon Sigal, Brooklyn, N. Y., assignor to Adjustable Louver Corporation, New York, N. Y., a corporation of New York
Application July 9, 1936, Serial No. 89,710
5 Claims. (Cl. 98—121)



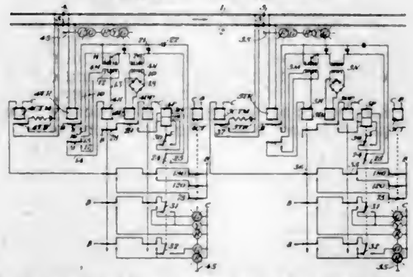
1. A ventilator comprising a casing provided with spaced stationary louvre members forming ventilating passages between them and including portions located in a common vertical plane, and spaced vertical guides at each side of said plane, a movable member having portions fitted between said guides to engage them and slats offset laterally from said guide-engaging portions toward said portions of the stationary louvre members, said slats controlling said ventilating passages, and mechanism for controlling said movable member.

2,123,752
MACHINE FOR SHAPING THE ENDS OF COILED WIRE SPRINGS
Oscar W. Soderstrom, Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application June 13, 1936, Serial No. 85,029
11 Claims. (Cl. 140—103)



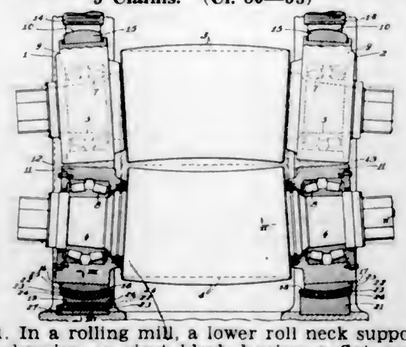
1. A machine for shaping coiled spring ends, comprising an electric motor and a clutch element driven thereby, a cooperative clutch element initially disconnected with the first said clutch element, actuating means for spring-end shaping means, means comprising a trip for causing engagement of said clutch elements upon actuation of the trip, spring-end shaping means comprising anvils, and means for automatically disengaging the clutch elements after the spring end has been shaped by the anvils.

2,123,753
RAILWAY TRAFFIC CONTROLLING APPARATUS
Crawford E. Staples, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application April 16, 1937, Serial No. 137,293
13 Claims. (Cl. 246—34)



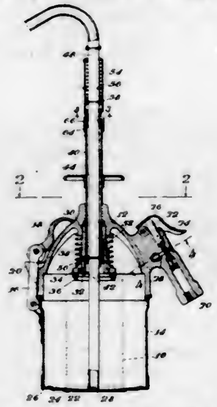
4. In combination, a section of railway track, means for supplying the rails of said section with coded energy of one rate or another rate in accordance with traffic conditions in advance, a code following relay receiving energy from the rails of said section, a circuit capable of being tuned to pass energy of one frequency or to pass energy of another frequency, means governed by said code following relay for supplying said circuit with energy of said one frequency or said other frequency depending upon the rate of operation of the code following relay, a control relay receiving energy from said circuit, an auxiliary relay, means effective when the frequency of the energy supplied to said circuit is changed to cause said auxiliary relay to assume one condition or another condition to establish correspondence between the tuning of said circuit and the frequency of energy supplied thereto, and a traffic governing device controlled by said auxiliary relay and by said control relay.

2,123,754
DEFLECTION COMPENSATING ROLL BEARING ASSEMBLY
Howard H. Talbot, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 16, 1935, Serial No. 21,766
5 Claims. (Cl. 80—55)



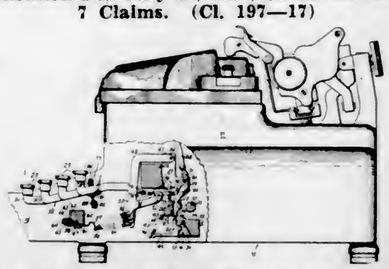
1. In a rolling mill, a lower roll neck supporting bearing, a pivot block having a flat upper surface disposed to engage the bottom of said bearing and a convex lower surface, a seat for said pivot block having a concave upper surface and a flat lower surface, a series of rollers arranged between said pivot block and said seat, and a series of rollers below said seat.

2,123,755
DISPENSER
Harry R. Tear, Evanston, and George K. Squier, Highland Park, Ill., assignors to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application March 3, 1937, Serial No. 128,724
29 Claims. (Cl. 221—47)



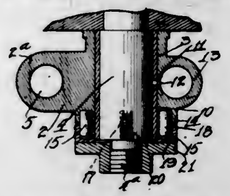
1. A dispenser comprising means for inclosing and holding any one of several sizes of sealed containers, means for forming an opening in the container held thereby, a discharge tube carried by the inclosing means and arranged to be inserted through said opening to the bottom of the container, and means for admitting fluid under pressure to the inclosing means and through said opening into the container above the contents thereof.

2,123,756
TYPEWRITING MACHINE
Russell G. Thompson, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application February 20, 1937, Serial No. 126,905
7 Claims. (Cl. 197—17)



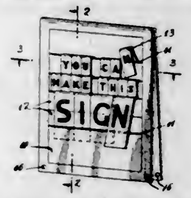
1. In a power-driven typewriter, a plurality of pivoted key levers having their forward ends in rows at different distances from their pivot points, means comprising stops at opposite sides of the levers for limiting the range of pivotal movement of said levers, means coacting with said stops to restrict the permissible range of pivotal movement of the levers having their ends in one row to less than that of levers having their ends in another row, said means predetermining a uniform range of movement of the lever ends in different rows, spring means normally urging the lever ends upwardly, and dogs arranged to be actuated respectively by each lever for moving parts into engagement with a power-driven member, said dogs being of different lengths to compensate for the variable movements of the levers between the stops, to insure advance of the dogs to a common plane.

2,123,757
PITMAN PIN BEARING
Arthur L. Warner, Elgin, Ill., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill., a corporation of Illinois
Application June 22, 1936, Serial No. 86,442
6 Claims. (Cl. 308—67)



1. A pitman connection having a bearing lug for the pitman, and having a cylindrical bearing adapted for receiving a driving member, the end of said bearing having a plurality of pegs projecting outwardly therefrom, an end bearing ring having recesses for receiving said pegs, yielding means between said end bearing ring and said connection and a nut adapted for threaded relation with said driving member and bearing against said ring.

2,123,758
CHANGEABLE LETTER SIGN AND THE LIKE
Lodwick J. Wentzel, Brooklyn, N. Y.
Application December 31, 1937, Serial No. 182,649
8 Claims. (Cl. 40—140)

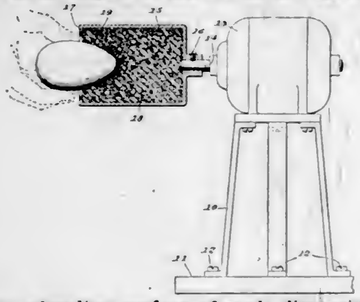


1. A changeable letter sign, comprising a face plate having a plurality of spaced slots dividing off strip portions between adjacent slots, a plurality of sign elements mounted on each strip portion, each sign element comprising a front portion extending transversely across said strip portion and having its bottom end portion engaging through the bottom slot of said strip portion and its top end continuing through the top slot of said strip portion into a rear portion, said rear portion extending transversely across the back of said strip portion and having its end portion adjacent said bottom end portion, and a back plate for extending across the back of said face plate for engaging against and holding the rear portions of said sign elements.

2,123,759
APPARATUS FOR CLEANING EGGS
Earle C. Whipple, Goffstown, N. H.
Application June 11, 1936, Serial No. 84,668
1 Claim. (Cl. 15—93)

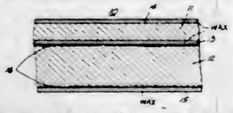
An apparatus for cleaning eggs comprising a rotatable hollow elongated cylinder, the length of

said cylinder being much greater than one half the major axis of an average hen's egg, one end of said cylinder being closed, means connected to said closed end for rotating the cylinder about its axis, the opposite end of said cylinder having an opening slightly greater in diameter than the minor axis of the egg, a resilient mass of steel wool positioned in said cylinder from end to end thereof, said mass having a recess at one end in registration with said opening, said recess being of hemi-ellipsoidal shape conforming, in general, to the hemi-ellipsoidal surface of the egg to pro-



vide an abrading surface of such dimensions as to receive at least one half of an egg, the depth of the steel wool mass behind the recess being such as not to exert such a pressure upon the shell of the egg when the same is pressed thereagainst as to cause breakage thereof and the contour of the abrading surface being such as to react substantially at right angles to the engaging surface of an egg pressed thereagainst during the operation of the apparatus whereby effectively to clean the egg, without breakage thereof, irrespective of any variation in its contour.

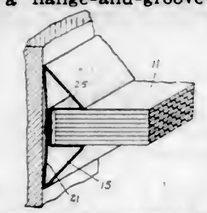
2,123,760
LAMINATED PAPER
Van Hamm Wilshire, Dayton, Ohio, assignor to The Specialty Papers Company, Dayton, Ohio, a corporation of Ohio
Application June 16, 1934, Serial No. 730,851
8 Claims. (Cl. 154—50)



1. A waterproof and greaseproof laminated pliable paper material which can be readily folded and especially adapted for container use for preserving the flavor of edible food products containing volatile oils, comprising a sheet of glassine paper and a thicker sheet of smooth finish wax absorbent paper of a weight of the order of 50 pounds or less per ream of 24" x 36" per sheet held to the glassine sheet merely by an intermediate layer of wax which is also absorbed for some distance into the wax absorbent paper, the laminated material having a surface coating of wax applied directly to the glassine sheet.

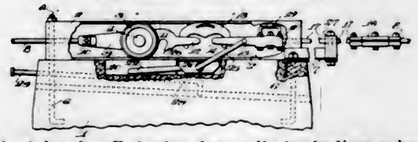
2,123,761
BUILDING INSULATION
Lawrence D. Morton, Sandusky, Ohio, assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio, a corporation of Ohio
Application September 25, 1936, Serial No. 102,522
7 Claims. (Cl. 20—4)

1. Insulating means comprising a flexible mat of cellulose sheet material containing a large number of small air spaces, and securing means for the edge of said mat, said securing means comprising a flange-and-groove element, said



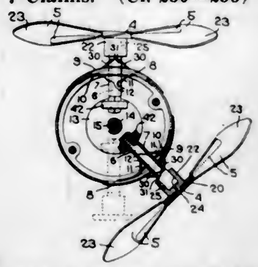
groove being adapted to receive the edge of said mat, said groove having top edges adapted to bear on the mat faces, and a flange adapted to be secured to a supporting structure.

2,123,762
VARIABLE HOOK-OFF DEVICE
Oscar C. Staples, Tulsa, Okla.
Application March 25, 1935, Serial No. 12,984
3 Claims. (Cl. 74—593)



1. A hook-off device for wells including a base, parallel channel members mounted on said base, a pair of wheels and an axle therefor confined between said channel members and carrying a joint member engageable with a section of a well pump rod line, and with said axle, a hook member also carried by said axle and capable of releasable connection with a continuation of said rod line, a stub shaft extending through said base below and at right angles to said channel members, a looped member mounted on said shaft for movement into the reciprocating path of said hook member to engage said hook and effect release of said first named rod line from said continuation thereof, a crank for operating said looped member, and non-metallic means adjacent to said channel members and against which the continuation of said rod line rubs to protect the same against undue frictional wear.

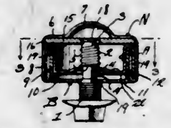
2,123,763
FAN
Louis Zaiger, Lynn, Mass.
Application April 17, 1937, Serial No. 137,502
7 Claims. (Cl. 230—253)



1. A fan comprising a motor having a motor shaft, a housing for the motor provided with a plurality of slots, a plurality of fan shafts extending radially from the motor shaft and each projecting through a slot, a friction disk carried

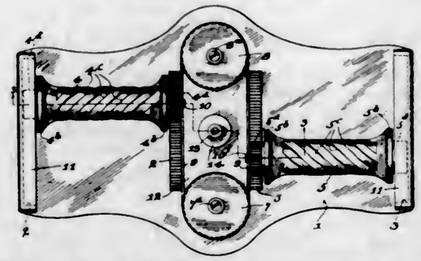
by the motor shaft, and a friction roll on each fan shaft engaging the friction disk and driven thereby, each fan shaft being independently adjustable in its slot into different angular positions about the axis of the motor shaft.

2,123,764
FASTENING DEVICE
Paul F. Berry, Columbus, Ohio
Application September 11, 1937, Serial No. 163,491
12 Claims. (Cl. 85—32)



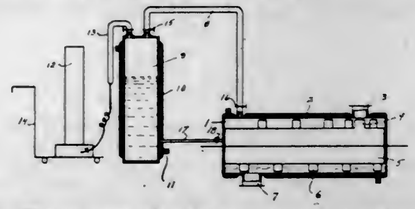
2. A grip nut for a threaded shank comprising a hollow member having a central opening in a face wall, a member held within the hollow member and having a threaded opening alining with the opening in the face of the hollow member, and a second member held within the hollow member between the first member and the face of the hollow member having the opening, said second named member having its central portion concavo convex with its concave face disposed toward the first member, the central part of the concavo convex portion having an opening therethrough alining with the opening in the face of the hollow member and with the threaded opening of the first member, said concavo convex portion being provided with slits radiating from the central opening therethrough to divide said concavo convex portion into lugs for coaction with the shank to which the nut is applied to prevent separation of the nut and shank.

2,123,765
EXERCISING DEVICE
Manfred Broberg, Kingston, N. Y.
Application January 27, 1937, Serial No. 122,642
7 Claims. (Cl. 128—57)



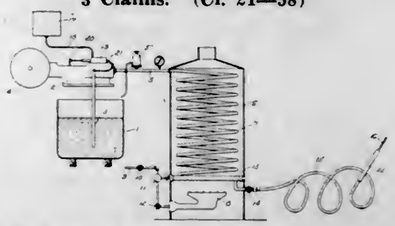
3. In a device for actively massaging the ligaments and muscles of a patient's feet and legs; a base, rollers reciprocably and rotatably mounted thereon and adapted to be engaged by the patient's feet; means connecting the rollers and base for imparting rotary motion to the rollers when reciprocated; means whereby when one roller is being moved by the patient in one direction another roller is thereby moved in another direction, comprising an endless member movably mounted on the base and having opposite runs disposed adjacent the ends of the respective rollers; means connecting the rollers with the runs; and a cover over the endless member having portions limiting the reciprocating movement of the rollers.

2,123,766
PROCESS OF PREPARING ALUMINUM CHLORIDE
William Stansfield Calcott, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application December 4, 1936, Serial No. 114,288
8 Claims. (Cl. 23—93)



1. The process of preparing anhydrous aluminum chloride which comprises reacting metallic aluminum with a body of liquid chlorine, maintaining a source of chlorine in constant communication with said body, said source being a second body of liquid chlorine maintained at a higher and a constant temperature, communication between said bodies being established by a flow of chlorine vapors.

2,123,767
PROCESS OF FORMING PLANT PARASITICIDAL VAPORS
Benjamin Clayton, Sugarland, Tex., Walter B. Kerrick, Los Angeles, and Henry M. Stadt, Glendale, Calif., assignors to Refining, Inc., Reno, Nev., a corporation of Nevada
Application April 6, 1935, Serial No. 15,052
In the Netherlands November 7, 1931
3 Claims. (Cl. 21—58)



3. The method of producing a parasiticidal spray, which comprises, producing a mixture of water and a material immiscible therewith having parasiticidal properties by adding a metered quantity of said material to a proportionate quantity of said water, pumping said mixture through an elongated heating zone under superatmospheric pressure in the form of a stream at a substantially uniform predetermined rate, said pressure being sufficiently high to overcome any frictional resistance to the flow of said stream and to impart thereto a velocity sufficient to maintain a substantially uniform dispersion of said material in said water during flow through said elongated heating zone, heating said stream during flow to a desired temperature of such a degree that when said stream is discharged into an atmosphere at a pressure lower than said superatmospheric pressure a substantial portion of said water will be converted into vapor, varying said heating in accordance with variations in the temperature of said stream from said desired temperature to thus continuously attain said desired temperature, and discharging said heated stream into said atmosphere at a rate so cor-

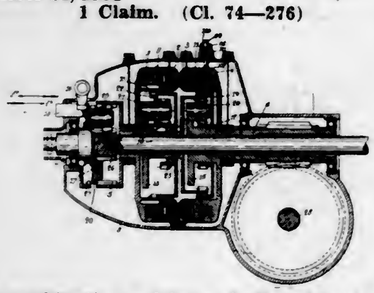
related to said substantially uniform predetermined rate of pumping and to said desired temperature as to produce said parasiticidal spray.

2,123,768
SAFETY RAZOR BLADE
Hector Corsico-Piccolini and Dictinio Aller, Buenos Aires, Argentina
Application June 18, 1936, Serial No. 86,009
3 Claims. (Cl. 30—351)



2. A diamond-shaped safety razor blade formed by two separable triangular blade portions for individual use, each portion having two cutting edges, said razor blade comprising easily frangible bridge members interconnecting the triangular blade portions, breaking of said bridge members serving to show use and prevent resale, means in each of said blade portions adapting the same for being individually used as razor blade in a Gillette type safety razor.

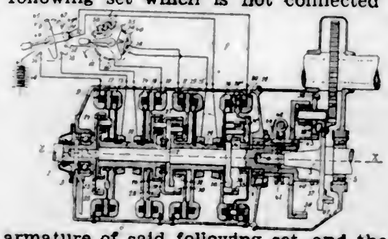
2,123,769
SPEED CHANGING GEAR
Jean Cotal, Paris, France
Original application August 13, 1935, Serial No. 36,029. Divided and this application May 17, 1937, Serial No. 143,224. In Great Britain September 21, 1934
1 Claim. (Cl. 74—276)



In combination a driving shaft, a driven shaft, two concentrically disposed gears, one of said gears being adapted to be connected with said driving shaft and to be rotated by said driving shaft, a wheel carrier secured to said driven shaft, planetary wheels rotatably mounted on said wheel carrier and adapted to mesh with said gears, a fixed electromagnet, a rotatable electromagnet secured to said driven shaft, an armature secured to the other of said gears and adapted to be attracted by said electromagnets, a stop surface connected with said driven shaft and rotatable electromagnet, and a fixed stop member adapted to be brought into and out of the path of said stop surface.

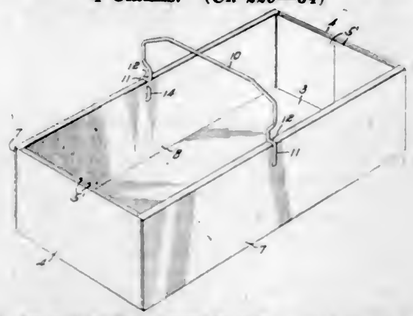
2,123,770
CLUTCHING AND SPEED-CHANGING MECHANISM
Jean Cotal, Paris, France
Application November 26, 1937, Serial No. 176,739
In France November 30, 1936
7 Claims. (Cl. 74—268)

1. In combination, a casing, a driving shaft, an intermediate shaft and a driven shaft, said three shafts being supported in line in said casing, a number of successive planetary sets each consisting of three members coaxial with said shafts and comprising two concentrically disposed gears and a pinion carrier, of at least one planetary pinion rotatably mounted on said carrier and in mesh with said gears, of two electromagnets respectively connected with said casing and with one of said three members, and of an armature connected with a second of said three members and adapted to be attracted by said electromagnets, said pinion carriers being connected in the first set next the driving shaft with the corresponding armature so as to produce selectively a forward drive and a reverse drive, in the last set with said intermediate shaft, and in each of the other sets with one of the two concentrically disposed gears of the following set which is not connected with



the armature of said following set, and the two concentrically disposed gears of the first set being connected respectively to the driving shaft and to the gear of the second set which is not connected with the armature of said second set, means adapted to energize selectively one electromagnet in each set, three elements coaxial with said shafts and comprising a sun wheel secured to said intermediate shaft, an orbit wheel concentrically disposed with relation to said sun wheel and rotatably mounted on said intermediate shaft and a support secured to said driven shaft, at least one planetary wheel rotatably mounted on said support and in mesh with said sunwheel and said orbit wheel, and means adapted to connect selectively said orbit wheel with said casing and with another of said three elements.

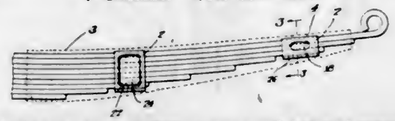
2,123,771
HANDLE ASSEMBLY FOR BOXES AND THE LIKE
Arnold Loomis Crowell, Olmsted Falls, Ohio, assignor to The Ohio Boxboard Company, Rittman, Ohio, a corporation of Ohio
Application December 15, 1937, Serial No. 180,041
4 Claims. (Cl. 229—34)



1. In a handle assembly for a container having a side wall comprising two thicknesses of material appropriately juxtaposed, a reinforcing member interposed between such thicknesses, and a handle member having an end extending

below the upper edge of said wall and against one side of said wall, said end passing through both thicknesses of said wall and through the interposed reinforcing member and doubled back against the other side of the wall and having its extremity imbedded in said wall and reinforcing member remote from the point of its passage therethrough and thereby clinched.

2,123,772
SPRING CLIP
Warren F. Eisenhauer, Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich., a corporation of Michigan
Application March 11, 1936, Serial No. 68,235
7 Claims. (Cl. 267—53)



1. Means for applying opposed lateral pressure to the edges of the leaves of a leaf spring at any selected section comprising two reinforced side portions of sheet metal formed to engage the edges of all of said leaves and other portions of sheet metal connecting said side portions to form a continuous band, at least one of said other portions including take-up means to draw said side portions toward each other whereby opposed lateral pressure may be applied to all of said leaves, the reinforced side portions capable of maintaining engagement with the edges of all leaves regardless of the pressure created by said take-up means, the thickness of said sheet metal being less than that required to maintain non-reinforced side portions undeformed under similar conditions of tension in said other portions.

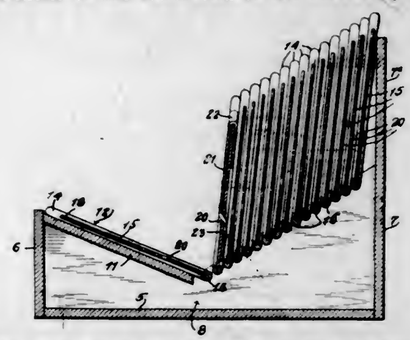
2,123,773
BUCKLE AND LIKE ORNAMENT FOR PERSONAL WEAR
Albert Jan Eppink, Amersfoort, Netherlands
Application March 19, 1937, Serial No. 131,927
In Great Britain December 23, 1936
2 Claims. (Cl. 41—34)



1. A slide or buckle made in two different colours or materials comprising a base formed with two slots providing a central bar for the attachment of the belt material and an interchangeable ornamental mounting similarly slotted and having a central bar adapted to overlie the central bar of the base part so that the base and ornamental mounting are held together by the attachment of the belt material around the central bars.

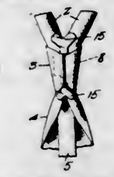
2,123,774
DISPLAY CABINET
Ernest R. Forthoffer, Middletown, N. Y.
Application March 25, 1937, Serial No. 133,062
6 Claims. (Cl. 211—169)

1. In a display cabinet of the character described, a box-like cabinet having side walls, a plurality of substantially normally upright display walls having their lower ends pivoted between the side walls in an upwardly stepped rearward direction, said display walls adapted to be successively lowered to expose the succeeding display wall, a support for the lowered display walls, each display wall adapted to have a folded article supported at its fold line at the upper edge of the display wall, and said display wall being constructed adjacent the lower end thereof for attachment of the lower end of the forwardly ex-



posed position of the article with said forwardly exposed portion occupying the major area of the display wall in line therewith and to maintain the article flatly engaged with the display wall at all times and when the display wall is lowered onto said support.

2,123,775
NECKTIE
Julián Gutiérrez, Habana, Cuba
Application December 27, 1937, Serial No. 181,885
7 Claims. (Cl. 2—150)

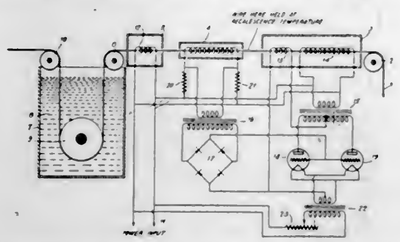


1. A made-up necktie of the four-in-hand type comprising a neck portion, end portions joined to said neck portion, a separable clamp fitted about said end portions to fold one of the end portions about the other end portion for a selected distance, and means forming a knot portion surrounding said clamp with the neck portion and end portions extending outwardly therefrom at opposite ends thereof, and means for detachably securing said means onto said clamp.

2,123,776
CONTROL OF HARDENING OF STEEL
Clarence W. Hansell, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 8, 1934, Serial No. 729,583
7 Claims. (Cl. 219—11)

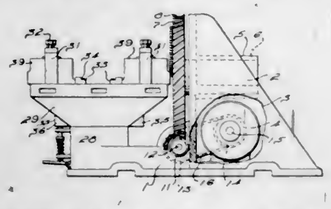
1. In a system wherein a steel wire is heated prior to being hardened, comprising means for moving said wire, means for heating and controlling the temperature to maintain a constant value of heat on said wire, said means comprising a first heater, a second heater, and a reactance coil, all of which surround said wire, a source of alternating current connected to said first heater, means for connecting said alternating current to said reactance coil, means for obtaining a voltage drop across said reactance coil as the wire moves through said coil in accordance with the permeability of the wire

as influenced by the temperature thereof, a rectifier having its input coupled to said reactance coil to rectify said voltage drop, an electron discharge device having an anode, grid and cathode, means for maintaining said cathode in an electron emitting condition, means for keeping the temperature of said wire at a desired constant temperature as it passes through said second heater, said means comprising a circuit



connection from the output of said rectifier to the grid circuit of said electron discharge device, and a circuit connection from the anode circuit of said electron discharge device to said second heater whereby the grid bias potential of said electron discharge device is altered by variations in the permeability of the steel wire as it passes through said reactance coil to thereby control the temperature of said second heater.

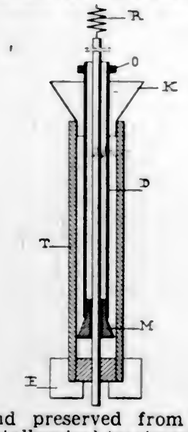
2,123,777
ROTARY SURFACE BROACHING MACHINE
William A. Hart, Detroit, Mich., assignor to Colonial Broach Company, a corporation of Michigan
Application April 29, 1935, Serial No. 18,841
7 Claims. (Cl. 90—33)



1. A broaching tool comprising a disc mounted for rotation about its center, a plurality of teeth on said disc having cutting edges lying in substantially the same plane progressively projecting outwardly toward the periphery of the disc, and a plurality of blades of a length to span the space machined by said teeth.

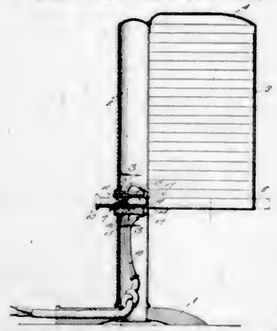
2,123,778
ELECTRIC WIRE
Josué Heilmann, Clichy, France, assignor to Societe Alsacienne de Constructions Mecaniques, Clichy, France
Application March 22, 1935, Serial No. 12,497
In France December 12, 1934
15 Claims. (Cl. 205—18)

1. A process of manufacturing fireproof electric wires comprising a conducting core, a refractory insulation and a metal sheath, by drawing an initial work-piece composed of such elements, characterized by the fact that before the said metallurgical drawing treatment, the insulation is subjected to a complete dehydration in order to eliminate all the water physically and chemically bound which is contained in the in-



sulation, and preserved from all rehydration until the metallurgical treatments.

2,123,779
CIGARETTE LIGHTER AND HOLDER
Harold H. Hite, Pataskala, Ohio
Application March 16, 1936, Serial No. 69,231
Renewed November 30, 1937
2 Claims. (Cl. 312—47)

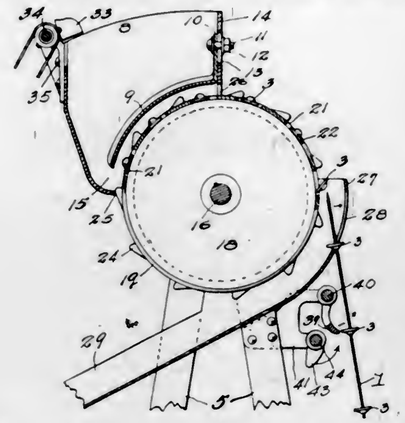


1. A combined portable cigarette lighter and container comprising a base, a hollow post carried by said base, a container mounted on said post and having an opening communicating with the interior of the post and provided with a discharge opening opposite the first opening, a mounting located in the post and having a chamber aligning with the first opening, a spring-pressed plunger operating in said chamber, a finger piece secured to the plunger for moving the latter through the first opening to eject a cigarette partially from the container by way of the discharge opening, and electrical means for igniting the cigarette during its ejection.

2,123,780
WASHER STRINGING MACHINE
Charles O. Howard, Bunker Hill, W. Va.
Application January 18, 1937, Serial No. 121,207
6 Claims. (Cl. 209—72)

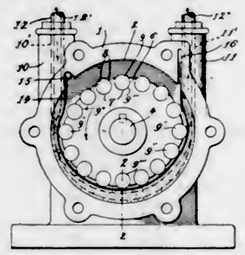
4. The combination in a washer-stacking machine, of a hopper, a continuously rotating cylindrical carrier disposed with its trailing portion adapted to pass upwardly through the hopper, said carrier having an annular series of exterior

peripheral pockets each adapted to pick up a washer as the pocket passes upwardly through the hopper in a horizontal plane passing substantially through the axis of the carrier, said pockets having lateral walls for loosely support-



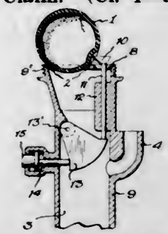
ing said washers and carrying them downwardly until a pocket reaches a discharging point in said horizontal plane, and a stringing pin disposed in cooperative relation to said series of pockets to receive washers discharged from the pockets by gravity at said plane.

2,123,781
PUMP
Charles J. Huber, Baltimore, Md.
Application June 16, 1936, Serial No. 85,503
4 Claims. (Cl. 103—149)



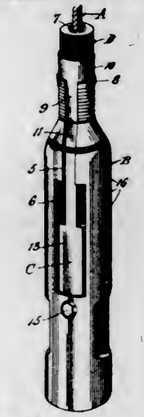
1. A fluid pump comprising a housing having a substantially circular arcuate support, a resilient tube resting on said support and adapted to be connected at one end to suction and at the other end to discharge, a rotary carrier having means thereon arranged along the periphery of the same engaging the tube and compressing and substantially closing it periodically and progressively from the suction toward the discharge, the tube being permitted to expand progressively in the same direction between said periods of compression, said compressing means being arranged at different radii decreasing from two points of greatest compression in the direction of rotation to give a gradually increasing compression of the tube up to said points of greatest compression, said points of greatest compression being points of equal radii exceeding the radius of said periphery at all other points, said periphery between said points of greatest compression serving to support the walls of the tube preventing undue expansion thereof.

2,123,782
DISCHARGE CISTERN FOR WATER CLOSETS AND THE LIKE
Carlos Alberto Fiorda Kelly, Buenos Aires, Argentina
Application May 29, 1936, Serial No. 82,667
1 Claim. (Cl. 4—56)



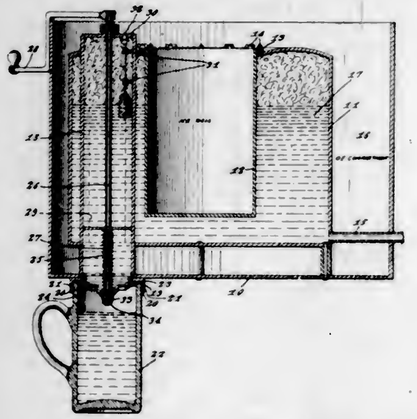
A discharge cistern for water closets and the like, comprising a container having a bottom outlet, a conduit connecting said outlet with the closet, a free resilient ball adapted to yieldably engage the edge of said outlet and close the opening leading to said conduit, a plunger movably mounted at one side of said conduit and having one end thereof positioned adjacent to the side of the center of said ball, manually operable means adapted to move said plunger whereby said ball is rolled from the opening leading to said conduit to cause the discharge of said cistern into the closet.

2,123,783
CONNECTING DEVICE
Amos Lea Keltner, Hutchinson, Kans.
Application May 5, 1937, Serial No. 140,956
12 Claims. (Cl. 24—123)



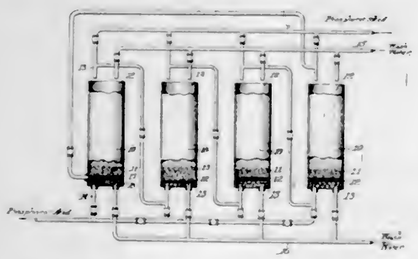
1. A connecting device for a rope, cable, or the like element having an enlargement at its connection end, said device comprising a body formed with a longitudinal passage for accommodating the end portion of said element adjacent said enlargement, a chamber for receiving said enlargement and a lateral opening through which said enlargement can be introduced into said chamber; a retaining member for closing said lateral opening and having a collar surrounding a portion of said body; and means cooperable with said collar and said body for clamping said collar to said body and thereby securing said retaining member in position and closing said lateral opening, there being an abutment in said device cooperable with said enlargement when said element is under tension.

2,123,784
LIQUID DISPENSER
Leo A. Klemm, Stevensville, Mich.
Application September 7, 1937, Serial No. 162,733
4 Claims. (Cl. 225—40)



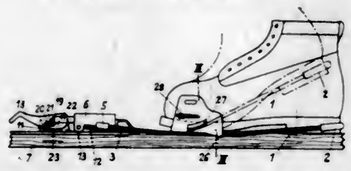
1. A dispenser of the character described comprising an outer receptacle, a reservoir eccentrically arranged within said receptacle and forming an ice compartment therebetween, an ice holder separably fitted with the reservoir and depending therein, a column in communication with the reservoir and extended through the said reservoir and beneath the bottom of the receptacle for establishing flow to the column, a nipple for separably fastening a container to the lower end of the column, an opening and closing valve arranged in the lower end of said column, and means for controlling said valve.

2,123,785
REMOVAL OF FLUORINE FROM PHOSPHORIC ACID
William H. Knox, Jr., and Warren Standish Miller, Nashville, Tenn., assignors to Victor Chemical Works, a corporation of Illinois
Application March 2, 1936, Serial No. 66,763
11 Claims. (Cl. 23—165)



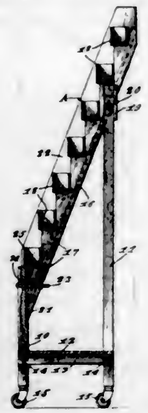
1. A process for the substantially complete removal of a fluorine compound from phosphoric acid containing such compounds which comprises contacting the phosphoric acid with an adsorbent hydrated silica material prepared from vermiculite by leaching away non-siliceous materials, the amount of hydrated material being greatly in excess of its combining proportions with the fluorine compound.

2,123,786
SKI BINDING
Emil Koller, Zurich, Switzerland
Application February 24, 1937, Serial No. 127,544
In Germany February 26, 1936
7 Claims. (Cl. 280—11.35)



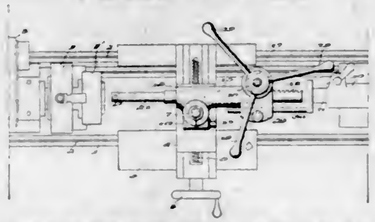
1. In skis wherein is provided toe irons to receive a shoe and means to hold the shoe tightly to the toe irons, said means comprising a cable passed around the heel of the shoe and extended along side the shoe to a place in front of the shoe; a cross piece carried by the front extremity of the cable, a casing, means to connect said cross piece to said casing at any one of several points of connection, a U-shaped element in said casing whose arms are projected forwardly through openings in said casing, a pressure spring in the casing continuously urging said U-shaped element inwardly, and a lever device mounted on the ski and connected with said U-shaped element for placing and holding said spring, and thereby said cable, under tension.

2,123,787
PACKAGE SEED DISPLAY RACK
Howard N. Lines, Sabetha, Kans.
Application March 8, 1937, Serial No. 129,729
2 Claims. (Cl. 211—130)



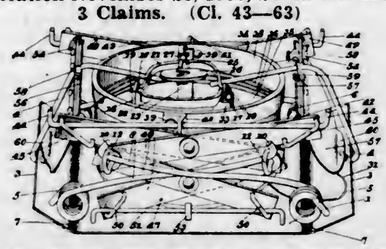
1. A rack of the kind described comprising front and rear pairs of spaced leg members, the front leg members being of considerably less length than the rear leg members, a pocketed frame pivoted near the upper ends of the rear leg members and having recesses remote from said pivotal connection for accommodating the upper ends of the front leg members and positioning said frame at a forward inclination, fasteners loosely engaged in the front leg members for intersecting the said recesses and engaged in the frame for separable seating of the said front leg members in the said recesses for holding the said frame fixed at a forward inclination, and a shelf pivotally connected with the leg members for disposition therebetween.

2,123,788
KEY SEATING ATTACHMENT FOR LATHES
Don A. McNaughton, Knoxville, Tenn.
Application March 6, 1937, Serial No. 129,461
7 Claims. (Cl. 90—41)



1. In a shaping attachment for lathes, the combination of a reciprocative cutter bar adapted to remove surplus material to a desired depth by successive strokes, a housing for said cutter bar, a rack connected with said cutter bar, and a pinion carried by the housing and fixed relative thereto and meshing with the rack to operate the cutter bar, and means for mounting said attachment for bodily vertical adjustment to conform to the center line of the lathe.

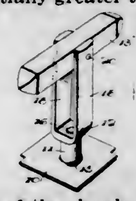
2,123,789
ANIMAL TRAP
Robert W. Miller, Denver, Colo.
Application November 28, 1936, Serial No. 113,230
3 Claims. (Cl. 43—63)



1. An animal trap comprising a spring-actuated primary trap having detent means and jaws, and a coil spring having its axis in a vertical plane, a collapsible and extensible main trap having springs for its extension, detent means held down by one of the jaws when the primary trap is set, to hold the main trap collapsed against the tension of its springs, the release of the primary trap detent means and the snapping closed of its jaws releasing the detent means of the main trap so that it will extend to an animal-enclosing position, a support under the spring of the primary trap holding said spring under tension, and means actuated by the main trap when extended to slidably remove the support and let the primary trap spring expand.

2,123,790
CUFF LINK
Edwin S. Mix, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a corporation of New York
Application April 27, 1937, Serial No. 139,288
2 Claims. (Cl. 24—102)

2. In a cuff link of the type including opposing rigid and movable heads and a resilient U-shaped shank movably supporting, at its free ends, said last mentioned head, a connecting post between and spacing the shank and the rigid head, having one end in permanent connection with the head and having at its opposite end a reduced extension riveted through an opening axially of the bight end of the shank, and a disk carried by the post adjacent to said bight end of the shank and of a diameter substantially greater than the cross sectional dimension of the shank, said bight end of the shank having recesses around its said opening into which portions of the post extension project to prevent rotation of the shank on the post.

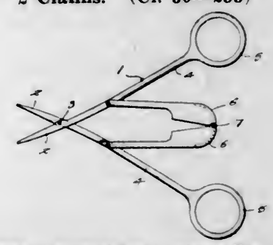


2,123,791
FISHING TOOL
Albert H. Neilson, Tulsa, Okla.
Original application March 9, 1936, Serial No. 67,983. Divided and this application September 23, 1936, Serial No. 102,229
3 Claims. (Cl. 294—99)



1. A fishing tool comprising a barrel having an annular recess bounded at the top and bottom by inwardly directed shoulders, the recess being of largest diameter adjacent to the top shoulder and merging into an upward flare beginning at the bottom shoulder, a plain split ring situated in the recess and being limited by either shoulder when moved, a sleeve loose in the barrel and resting on the ring, and a spring imposing pressure on the sleeve.

2,123,792
POCKET SHEARS
George M. Nelson, Tacoma, Wash.
Application April 7, 1937, Serial No. 135,549
2 Claims. (Cl. 30—255)



1. Scissors comprising pivotally connected blades, handles integral with said blades and including finger pieces shaped to permit them to

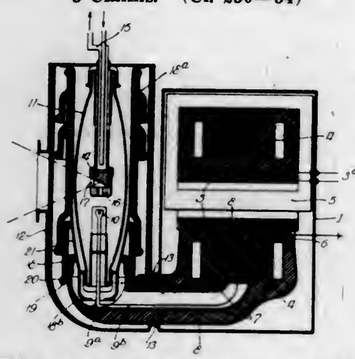
overlap when the handles are swung in one direction and to move into abutting engagement when the handles are moved in an opposite direction, and a guard pivotally connected to the handles and normally occupying a position between said handles and capable of receiving therein the blades when the handles are swung to bring the finger pieces thereof in overlapping relation.

2,123,793

RÖNTGEN APPARATUS

Carl Niemann and Kurt Bischoff, Erlangen, Germany, assignors to the firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany

Application February 4, 1937, Serial No. 124,081
In Germany February 18, 1936
5 Claims. (Cl. 250—34)



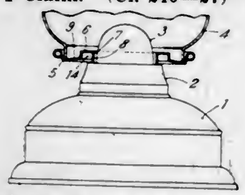
5. Röntgen apparatus comprising a Röntgen tube provided with cathode and anode, a protective metallic housing surrounding said tube and having its wall relatively close to the wall of the tube, a source of high tension current having one pole connected to said housing and to the anode of said tube and having the other pole connected to the cathode of said tube, an annular metallic member surrounding said tube at one end, a second metallic member surrounding said tube at the other end, a plurality of intermediate annular metallic members surrounding said tube between said first and second members, all said members being inside said housing and being insulated from each other, a conductive connection from said first member to said housing and anode, and a conductive connection from the second member to said cathode.

2,123,794

BURNER FOR HURRICANE LANTERNS

Bruno Nier, Beierfeld, Germany

Application December 8, 1936, Serial No. 114,872
In Germany November 14, 1935
1 Claim. (Cl. 240—27)



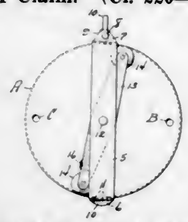
In a hurricane lantern, a burner having a burner hood, a sieve plate provided with an inner wall portion arranged in a spaced relation with respect to the burner hood so as to provide an air chamber between the inner wall of the sieve plate and the burner hood, said sieve plate having a solid portion extending away from the inner wall and a solid skirt portion extending in the direction of the inner wall so as to provide another air chamber under the sieve plate between the inner wall and the solid skirt portion, said sieve plate having a portion extending outwardly from the skirt and having holes therein, and said inner wall having openings therein whereby the air in said second mentioned air chamber may enter the first mentioned air chamber through said openings and air may pass from the underside of the outer portion of the sieve plate through said holes.

2,123,795

MILK CAN SEALER

Albert Partin, Jardine, Mont.

Application November 23, 1936, Serial No. 112,401
1 Claim. (Cl. 220—24)



A sealing device for milk cans comprising an inverted substantially U-shaped bail for bridging one end of the can and having an out-turned lug on one limb thereof and also an outwardly curved terminal on the other limb of said bail, in-struck burs on said terminal for spaced engagement thereof with the side of the can, an eccentric pivoted to said lug for swing at right angles to the side of the can, a lever extension on said eccentric for actuation thereof to bring the same into engagement with the can, an upwardly arched resilient bar underlying the said bail, a pivot centrally connecting the bail and bar together for relative movements of the same with respect to each other, a finger piece up-turned from the bar and in the path of the bail, and inverted resilient cup-shaped sealing members beneath said bar and riveted to opposite ends thereof for coverage of openings diametrically opposite to each other in the end of the can next thereto.

2,123,796

LICENSE PLATE FASTENER

Fred J. Peters, St. Louis, Prince Edward Island, Canada, assignor of one-half to Fred C. Ramsey, Alberton, Prince Edward Island, Canada

Application November 11, 1936, Serial No. 110,340
In Canada June 30, 1936
2 Claims. (Cl. 40—125)



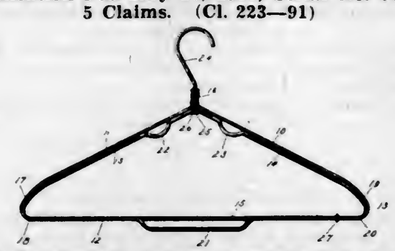
1. In combination with an automobile license plate support bracket, a license plate having orifices adapted to register with corresponding orifices in the support bracket, a spring steel member having finger projections extending longitudinally therefrom, said projections being insertable through the orifices of said license plate and the support bracket, the ends of said projections having openings adapted to receive fastening means whereby the same are prevented from being withdrawn.

2,123,797

GARMENT HANGER

Bion C. Place, Detroit, Mich.

Application February 17, 1936, Serial No. 64,387
5 Claims. (Cl. 223—91)



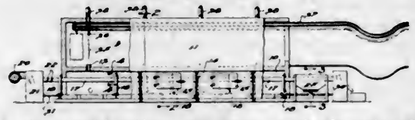
2. A garment hanger comprising two wire frames of approximate triangular form, said frames being secured together at or adjacent the apexes of the triangles and being free of attachment at other points, whereby articles may be clamped between the portions of said frames that form the sides of the triangles, said frames being spaced at each side of the triangular form to facilitate entry of said articles between said frames at each side.

2,123,798

APPARATUS FOR FORMING AND TREATING SINUOUS SPRINGS

Edward J. Podany, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware

Application February 24, 1936, Serial No. 65,402
14 Claims. (Cl. 29—33)



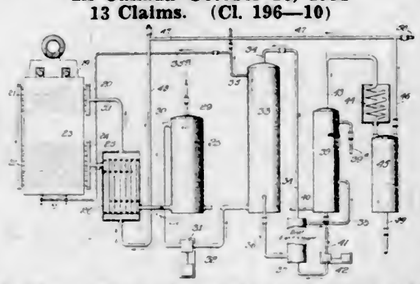
1. In combination, an oven, a shaft extending through said oven, means outside said oven for forming a substantially continuous sinuous spring, means for feeding said spring helically around said shaft to pass the same through said oven.

2,123,799

HEAT TREATMENT OF HYDROCARBON GASES

Walter J. Podbielniak, Chicago, Ill.

Application February 15, 1935, Serial No. 6,748
In Canada October 16, 1931
13 Claims. (Cl. 196—10)



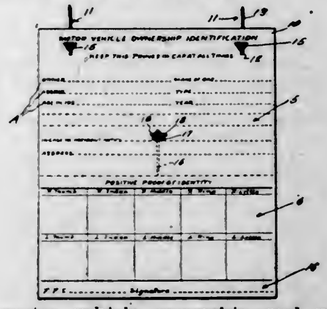
3. The method of heat treating hydrocarbon gases to effect conversion of constituents thereof which comprises passing the gas through a thin-walled metallic tube while heating the walls of said tube, largely by radiant heat, to a substantially uniform external temperature and bringing said gas from a temperature of about 1200 to 1350° F. to the desired conversion temperature in a time of passage not exceeding one second for a temperature of about 1750° to 1850° F., and a wall temperature of not substantially over 2000° F., and cooling said gas to a temperature below a conversion temperature, said gas being over a conversion temperature not over one second.

2,123,800

IDENTIFICATION DEVICE FOR MOTOR VEHICLES AND OPERATORS

Virgil S. Powell, Cedar Rapids, Iowa

Application April 6, 1937, Serial No. 135,321
3 Claims. (Cl. 40—25)



1. A motor vehicle ownership and personal identification article of the class described comprising a cardboard certificate provided with predetermined printed indicia to facilitate positive identification of the owner thereof, said certificate being folded upon itself to provide an attaching panel and a cover panel, one end of the cover panel terminating in spaced relation with respect to the corresponding end of said attaching panel, the attaching panel being provided adjacent the free swingable end of the cover panel with apertures, a pair of retention pins, each pin being bent intermediate its ends with the bend functioning as a journal portion, the journal portion being pivotally mounted in an adjacent aperture, one end portion of the pin being pointed and disposed in parallelism with the rear face of the attaching panel to facilitate attachment to upholstery or an equivalent supporting surface, the opposite outer end of said pin being bent into parallelism with the outer face of the cover panel and formed into a clasp to releasably engage the adjacent edge portion of said cover panel.

2,123,801

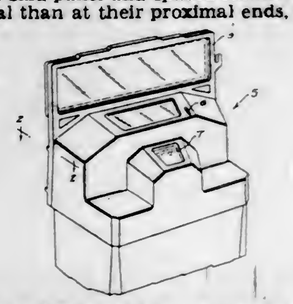
ADVERTISING DEVICE

Nathan Raizner, New York, N. Y.

Application January 23, 1937, Serial No. 122,044
1 Claim. (Cl. 40—125)

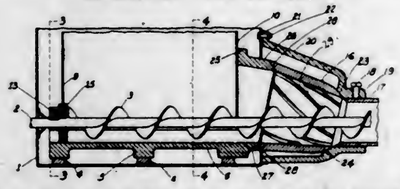
The combination with a scales casing having substantially vertically positioned grooves formed therein in edge portions thereof, said grooves being in the same plane but disposed relative to each other in another than parallel relationship, of a display panel adapted to being superimposed upon said casing and including a pair of depending leg-like members forming a counter-part of said grooves and adapted to being received therein, said legs being disposed in the same plane but at a very small angle greater than a right angle

relative to said panel and spaced further apart at their distal than at their proximal ends, whereby



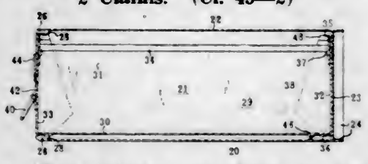
said panel is firmly held in position due at least in part to said spacing of said legs.

2,123,802
MECHANICAL STOKER
Fred H. Ream, near Dayton, Ohio, assignor of forty-five percent to Perle L. Sagebiel, Dayton, Ohio
Application April 27, 1936, Serial No. 76,651
12 Claims. (Cl. 83—52)



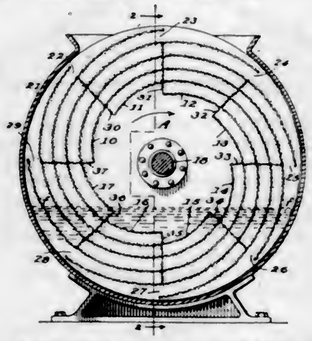
1. A mechanical stoker comprising a hopper, a feed screw within said hopper, means for rotating said feed screw, a rocking bottom below said feed screw and extending longitudinally with the axis thereof, and mechanical means controlled by the feed screw for rocking said bottom.

2,123,803
CABINET CONSTRUCTION
Walter F. Regenhardt, Cleveland, Ohio
Application July 20, 1937, Serial No. 154,638
2 Claims. (Cl. 45—2)



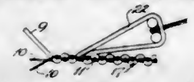
1. A filing cabinet comprising in combination, an outer rectangularly shaped casing formed of sheet metal, a rectangularly shaped metallic reenforcing band secured within the casing at the front thereof, said band having a bottom portion extending upwardly of the bottom wall of the casing and a top portion extending downwardly of the top wall of the casing; and a removable drawer having a bottom wall and side walls, the bottom wall of the drawer being slidable on the bottom portion of the band, a glider on the bottom of the drawer riding on the bottom wall of the casing, a stop at the upper rear end of the drawer, said glider being adapted to engage the bottom portion of the band and said stop being of sufficient height to engage the upper portion of the band to prevent the removal of the drawer from the casing when the drawer is pulled outwardly in the normal manner of use, the rear portions of the side walls of the drawer being of sufficiently less height than the stop so that the glider may pass over the bottom portion of the band when the drawer is drawn outwardly and tilted upwardly.

2,123,804
APPARATUS FOR PRODUCING CELLULAR CONCRETE
John A. Rice, Berkeley, Calif., assignor to The Bubblestone Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application October 18, 1935, Serial No. 45,684
4 Claims. (Cl. 83—73)



1. An apparatus of the character described comprising a slurry mixture tank, a shaft journalled therein, a plurality of arcuate members of foraminous material mounted in angularly spaced relation on said shaft, and a plurality of radially disposed foraminous members associated with said arcuate members and cooperable therewith to dip into the slurry mixture and emerge therefrom whereby to cause entrapping of air bubbles therein, as and for the purpose set forth.

2,123,805
MOP
Nathan C. Richardson and Richard B. Pekor, Columbus, Ga.
Application March 19, 1936, Serial No. 69,693
1 Claim. (Cl. 139—391)



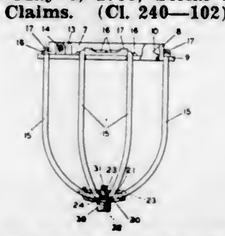
A mop comprising a fabric body formed of spaced parallel sets of continuous fine warp threads, a series of sectional coarse warp spaced parallel threads and a continuous weft thread, each coarse warp thread being arranged between a pair of sets of fine warp threads, each of said coarse warp threads consisting of a pair of endwise aligned spaced end sections and a series of spaced endwise aligned intermediate sections arranged between said end sections, each end section including a base and a portion extending outwardly from the inner end of the base to provide a pile forming member, each intermediate section including a base the intermediate base section being interlaced with the weft in a W weave and a portion extending outwardly from each end of its base to form spaced pile forming members, the bases of the end sections of a coarse warp thread arranged in sidewise aligning relation with respect to the bases of the end sections of the other coarse warp threads, the bases

of the intermediate sections of one of said coarse warp threads arranged in sidewise aligning relation with respect to the bases of the intermediate sections of the other coarse warp threads, said weft thread being formed with oppositely extending strands providing bights at the sides of said body against the outer ones of the fine warp threads, said strands interlaced with and throughout the fine warp threads, there being respectively a group of strands interlaced with the sidewise aligned bases of the sections at one end of the coarse warp threads; a group of strands interlaced with the sidewise aligned bases of the sections at the other end of the coarse warp threads; and spaced groups of strands interlaced with the sidewise aligned bases of the intermediate sections of the coarse warp threads.

2,123,806
CELLULOSE ESTERS
George W. Rigby, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 19, 1934, Serial No. 744,665
18 Claims. (Cl. 260—100)

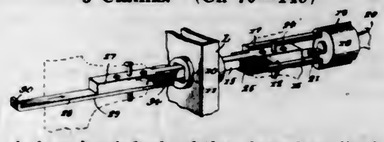
1. Process for the preparation of cellulose esters, which comprises reacting a substance having the cellulose nucleus and containing esterifiable hydroxyl groups, in the presence of at least one molal equivalent of inorganic base which will react with hydrochloric acid to form an essentially neutral salt per mol. of esterifiable hydroxyl and of not more than 20 mols of water per mol. of cellulosic substance, with at least one mol. of an organic esterifying agent taken from the class consisting of halides and anhydrides of organic sulfonic acids per equivalent of inorganic base at a temperature up to about 20° C. until the evolution of heat abates and then at an elevated temperature below 120° C.

2,123,807
LOCKED LAMP GUARD
Edward M. Rothen, Bloomfield, N. J., assignor to Russell & Stoll Company, Inc., New York, N. Y., a corporation of New York
Application May 8, 1936, Serial No. 78,712
6 Claims. (Cl. 240—102)



1. A lamp guard for an electric lamp bulb removably engaged in a lamp socket therefor, comprising a support constructed and arranged with respect to said socket to prevent unauthorized removal of said support, knuckles on said support angularly spaced therearound, wire loops having terminal portions aligned end to end to form pintles received on said knuckles, means on said support adjacent said knuckles for preventing lateral removal of said pintles, said loops having other respective portions approaching each other beyond the end of said lamp bulb, and a locking device engaging said loops and preventing pivotal movement thereof and releasable to permit said pintles to turn in said knuckles, whereby said portions may be swung apart for authorized removal of said lamp bulb therebetween.

2,123,808
DOORKNOB LOCK
Fred E. Schneider, Grand Junction, Colo.
Application September 6, 1935, Serial No. 39,466
3 Claims. (Cl. 70—149)



3. A door knob lock of the class described comprising a roll back having a rectangular passage formed therethrough, a stem having its intermediate portion reduced in width to provide a flat sided shank connecting enlarged end portions providing shoulders at opposite sides of ends of the shank, the shank of the stem passing through the passage of said roll back and freely rotatable therein and of greater length than the passage of the roll back to dispose the shoulders in spaced relation to ends of the roll back, a knob formed with a pocket receiving the enlarged end portion of said stem, a clutching plate extending longitudinally of the stem against the enlarged portions thereof and having side ears straddling the shank of the stem and engaging opposed flat faces thereof between the roll back and the shoulders and adapted to engage the shoulders and limit outward sliding movement of the clutch plate, said plate extending into the knob beyond the end of the stem and being formed with a longitudinally extending slot, a pin extending transversely through the knob and the enlarged end portion of the stem and passing through the slot to mount the plate for sliding movement and hold the knob in fixed engagement with the stem, and means for imparting sliding adjustment to said plate and moving the ears thereof into the passage of the roll back for gripping engagement therewith to cause turning of the roll back with the stem and knob.

2,123,809
DEFLECTOR
Henry Clinton Seitz, Niles, Ohio
Application August 5, 1936, Serial No. 94,466
1 Claim. (Cl. 137—21)

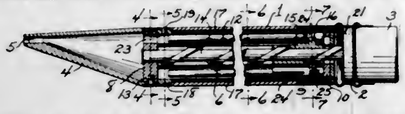


In a water heating boiler having a cold water inlet pipe, a feed pipe connected to the inlet pipe and depending from the top of the boiler, said feed pipe terminating adjacent to the bottom of the boiler and having diametrically opposed substantially arch-shaped discharge ports in the lower end thereof, lugs extending from the lower end, a substantially conical head providing a dished face and having slots with the lugs mounted therein and bent against the head for securing the latter to said lower end with the face directed toward the same, said head being of a diameter to extend outwardly beyond the circumference of said lower end and adapted for deflecting water outwardly through the discharge ports and angularly with respect to the axis of the feed pipe.

2,123,810
MAGAZINE PENCIL
Gordon Severin, Oklahoma City, Okla.
Application August 9, 1937, Serial No. 158,217
3 Claims. (Cl. 120—14)

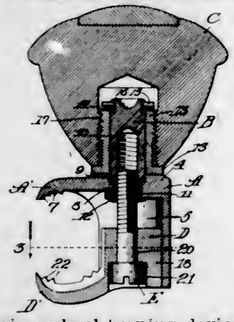
1. A magazine pencil comprising a body, a finger piece journaled on the body, a lead holder journaled on said body and having a lead opening

arranged eccentrically of the longitudinal axis of the body, a plurality of slotted lead magazine tubes mounted in said body and grouped in annular formation so that the rotation of the lead holder relative to the body may bring the opening thereof in alignment with any one of the lead magazine tubes, a selector tube secured to and rotatable with the lead holder and arranged centrally of the lead magazine tubes and having a slot extending substantially the full length thereof, a slotted flange



secured on said tube, lead grips in the lead magazine tubes and having frictional fit with the leads and provided with notched portions to receive the flange with one of the lead grips free of said flange by the slot in the latter, a feed shaft extending through the selector tube, a feed nut on said feed shaft, and a lug formed on the feed nut and extending through the slot of the selector tube and adapted to be moved thereby to engage in a notch of a grip of a selected lead, and means for rotating the feed shaft.

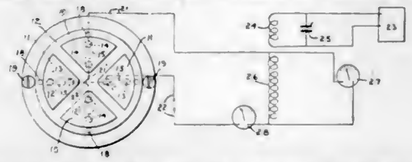
2,123,811
HANDWHEEL TURNING DEVICE
John Sinko, Oak Park, Ill.
Application March 21, 1938, Serial No. 197,287
3 Claims. (Cl. 74—557)



1. A steering wheel turning device comprising: a hollow upper bracket provided with an integrally formed concave jaw adapted to engage a portion of the upper face of the rim of a steering wheel, a hollow tapped stud extending through the top of said bracket and fixed thereto, a handle frictionally pivoted on the upper end of said stud so as to rotate resistantly thereon; a lower bracket slidably mounted in said upper bracket and held against rotation by means of lands and ways, said lower bracket having an integrally formed concave jaw to engage the lower face of said steering wheel rim; and a headed screw adapted to extend through said lower bracket into the tapped stud and draw said jaws into clamping engagement with the rim.

2,123,812
APPARATUS FOR ELECTRICALLY TESTING MATERIALS
Robert L. Stevens and James P. Dallas, Seattle, Wash., assignors of one-half to Dillon Stevens and one-half to M. B. Pendleton, both of Los Angeles, Calif.
Application April 10, 1935, Serial No. 15,633
16 Claims. (Cl. 175—183)

1. An electrical apparatus for testing qualities of material, comprising a plurality of condenser plates spaced apart from each other laterally by gaps, an insulating block behind and spaced apart from said plates provided with relatively small apertures therethrough opposite said plates respectively, supporting guide pins slidably mounted through said apertures, the outer ends of said pins affixed to the bases of said plates respectively and the inner ends of said oppositely positioned pins connected with wires of different poles respectively for an electric circuit, means for limiting the



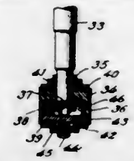
outward travel of each of said pins and plates to a predetermined point, resilient posts of insulating material mounted between said plates and block for normally projecting said plates outward to a common plane, said posts and pins of relative narrow width to retard electrical leakage, and said apertures beneath said several plates, disposed at considerable relative distances from each other to retard and attenuate any flow of electrical current from one plate to the other when said circuit is closed, with means for applying the plates to a material to be tested.

2,123,813
CONSTRUCTION OF HANDLES
Noel Ray Stiles, Billingshurst, England
Application May 28, 1936, Serial No. 82,359
In Great Britain May 30, 1935
12 Claims. (Cl. 15—144)



1. A handle for use with vacuum cleaners and other articles constructed with its stem in sections capable of being rigidly held together or disconnected, each section for forming the length or stem being formed from two lengths of metal shaped with a semi-circular tubular portion with a flat web extending from each edge of the semi-circular portion, the webs being engaged and secured together, projecting means from this semi-circular or tubular portion on the end of certain sections for engaging within the tubular portion of another section, means for temporarily securing the section to the projecting means, a hand grip portion comprising strips secured together and having an end piece at one end and projecting means on the other end for engaging the tubular portions of a section, means for securing the projecting means to the tubular portions, a curved forked frame having means at the two forked ends for conection to the vacuum cleaner or article, and projecting means on the outside and centrally of its length for connection to a section forming the length or stem, the sections forming the length or stem being connected together with the hand grip at one end and the vacuum cleaner or other article at the other end.

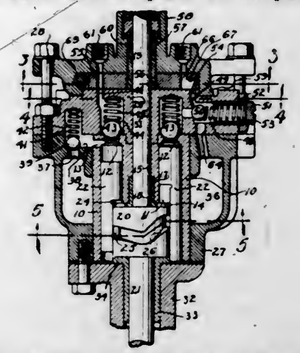
2,123,814
STOP AND WASTE VALVE
John M. Summers, Russellville, Ala.
Application March 1, 1937, Serial No. 128,496
1 Claim. (Cl. 251—23)



A stop and waste valve comprising a hollow body including inlet and outlet ports, a partition within the body for separating the ports and having an opening therein formed with the valve seat, a bonnet secured to the body and having a valve seat formed thereon, said bonnet having a drain vent therein above its seat, a stem mounted in the bonnet and extending into the body, a valve head including a ring like body having an interiorly threaded recess in the lower end thereof, an exteriorly threaded collar rising from the ring like body and surrounding the stem, a gasket surrounding the collar and seated in the upper end of the ring like body, a threaded stud formed on the lower end of the stem and disposed in the recess, said stud having diametrically opposed flat faces thereon, a washer on the stud and fitting the faces and providing a bearing for the ring like body, a nut threaded on the stud and securing the valve head on the stem for swivel movement, a nipple member including a threaded annular flange threaded in the recess to close the same, a stud depending from the nipple member and having an enlarged inner end, a gasket surrounding the enlarged inner end and seated in the nipple member, means securing the gaskets seated and threaded to the collar and the latter stud respectively, and the first gasket being engageable with the seat of the partition, and the other with the seat of the bonnet.

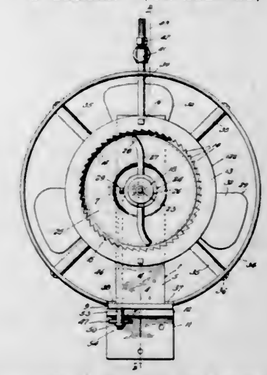
2,123,815
FUEL INJECTION PUMP
Oscar G. Tweddell, Detroit, Mich.
Application December 20, 1935, Serial No. 55,322
3 Claims. (Cl. 103—41)

1. An injector comprising a plurality of pumps actuated by a common source of power, each of said pumps being operatively connected to a fluid source and provided with a separate outlet passage, a valve plate provided with a plurality of return flow conduits communicating with said fluid source and intersecting the surface of said valve plate at points uniformly distant from the center of said valve plate, a throttle plate positioned on the surface of said valve plate and rotatable about an axis coincident with the center of said valve plate, said throttle plate being provided with throttling passages each communicating continuously with one of said outlet passages, said throttling passages in one position of said throttle plate each being in registration with one of said return flow conduits, and means for rotating said throttle plate so as partially or



wholly to destroy the registration between said throttling passages and said return flow conduits.

2,123,816
HUMIDIFIER
George W. Utsman, West Hillsboro, N. C., assignor of one-fourth to R. O. Everett and one-fourth to S. M. Brockwell, both of Durham, N. C.
Application December 11, 1936, Serial No. 115,418
9 Claims. (Cl. 261—88)

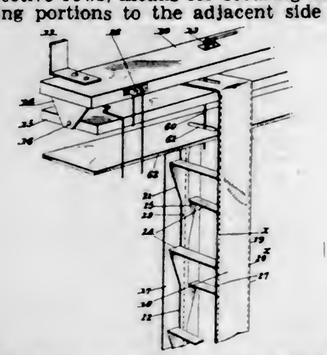


1. A humidifier including a frame, an air motor carried by the frame and having a rotor and a stator, a hollow shaft carried by the frame and rotatably mounting said rotor, said rotor having rotor nozzles, a housing carried by the stator, said stator having recesses adapted to be confronted by said rotor nozzles, said rotor being adapted to be rotated by an air flow passing through the shaft and through the rotor nozzles into engagement within the recesses and said fluid flow being adapted to aerate water flowing against and distributed by the rotor, and means rotatable on the shaft for projecting the aerated water exteriorly of the humidifier.

2,123,817
TAPE FOR VENETIAN BLIND
Harlow Warren, Pittsburgh, Pa.
Application October 19, 1936, Serial No. 106,463
12 Claims. (Cl. 156—17)

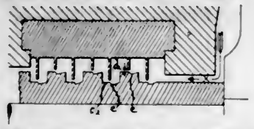
1. A tape for Venetian blinds comprising parallel fabric side members, two rows of spaced-apart parallel fabric cross strips disposed between said side members, integral connecting portions betwen the ends of the cross strips adjacent to one of said side members, spaced means connecting the other ends of the cross strips in

the respective rows, means for securing the said connecting portions to the adjacent side mem-



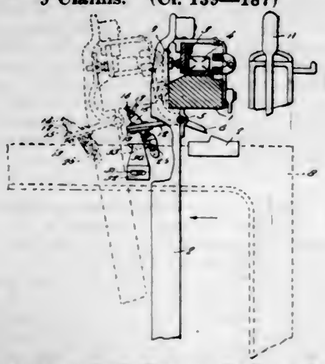
ber, and means for securing said spaced connecting means of said other ends of the cross strips to the other side member.

2,123,818
LABYRINTH PACKING
Ernst Wegmann, Kloten, Zurich, Switzerland
Application July 7, 1936, Serial No. 89,465
In Germany and Switzerland July 11, 1935
3 Claims. (Cl. 286—10)



1. In a labyrinth packing, a rotor member turning within a stator member, one of said members having elongated grooves and counter-grooves, the other member having rings projecting into the elongated grooves of the first member, each of said counter-grooves having a curved end placed just in front of the opposite inlet edge of the adjacent ring, in virtue of all of which there is created a cross stream before the narrowest passage, so as to increase the contraction of the steam flow and to reduce the quantity of the steam flowing through said narrowest passage.

2,123,819
SHUTTLE BOX TENSION RELEASING MEANS
William H. West, Gadsden, Ala., assignor of one-half to Carl W. Jones, Gadsden, Ala.
Application July 10, 1937, Serial No. 153,015
9 Claims. (Cl. 139—187)



5. In a loom including a shaft and tension means carried thereby, an arm on the shaft, a roller carrying member depending from the arm, means for adjusting the member lengthwise of the arm, means for adjusting the member vertically on the arm, a cam head on a part of the loom and under which the roller is adapted to pass to move the shaft to tension releasing position and means for adjusting the cam on said part of the loom frame.

2,123,820
AUTOMATIC BRAKING AND UNCOUPLING DEVICE
Sidney B. Winn, Lapeer, Mich.
Application December 30, 1936, Serial No. 118,371
8 Claims. (Cl. 280—33.1)

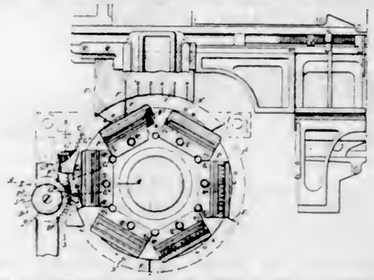


1. In combination with a tractor and a trailer and a king pin providing a connection therebetween, brakes on said trailer, a retractible support on said trailer, latch means for said retractible support, a pair of relatively slidable elements slidably mounted in said king pin, means on said trailer for operatively connecting said relatively slidable elements with said brakes and latch means respectively, and means on said tractor for independently moving said relatively slidable elements.

2,123,821
PROCESS FOR FRACTIONALLY DISTILLING HYDROCARBON LIQUIDS
Malcolm P. Youker, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application November 28, 1932, Serial No. 644,721
8 Claims. (Cl. 196—73)

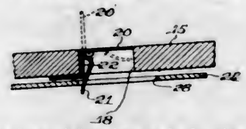
2. The process for fractionally distilling lubricating oils comprising passing a mixture consisting of lubricating oil stock admixed with a lighter diluent oil, such as naphtha, in a restricted stream through a heating zone and thereby heating the mixture to a distilling temperature, then discharging the heated mixture into a separating zone, dividing said mixture in the separating zone into a first vaporous fraction and a first liquid fraction under the influence of the heat impounded therein, introducing said vaporous fraction into the medial portion of a first rectification zone and therein separating the same into a second liquid fraction and a second vaporous fraction, withdrawing a portion of the second liquid fraction and introducing it into the medial portion of a second rectification zone maintained under sub-atmospheric pressure and at a pressure below that existing in the first rectification zone, passing the first liquid fraction from said separating zone, reheating it and introducing it into the lower portion of the second rectification zone, subjecting the oil in each of said rectification zones to reflux condensation and thereby separating distillates from the oil, withdrawing a light distillate from the first rectification zone, and withdrawing heavier distillates from the second rectification zone.

2,123,822
SLUG CASTING MACHINE
Richard R. Mead, Queens Village, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application September 30, 1936, Serial No. 103,304
11 Claims. (Cl. 199—48)



1. In a slug casting machine, the combination of a rotatable mold disc equipped with a plurality of molds, driving means therefor including a shiftable element to make and break the driving connection, said mold disc being adjustable manually when the driving connection is broken to locate any selected one of the molds in operative position, and an automatic safety device forming no part of the driving connection and cooperating with but distinct from the shiftable element and serving to prevent the making of the driving connection whenever the manual adjustment of the mold disc is such that no mold is located in operative position.

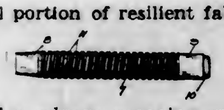
2,123,823
BALL ROLLING GAME
Herbert G. Breitenstein, Chicago, Ill., assignor to Raymond T. Moloney, Chicago, Ill.
Original application April 18, 1934, Serial No. 721,119. Divided and this application March 24, 1937, Serial No. 132,789
3 Claims. (Cl. 273—118)



1. A game board having a hole therethrough, a trap door for the hole closed by a ball dropping through the hole, said door having a depending portion, a thin, flat slidable panel carried immediately below and in close proximity to and parallel with the board and formed with an opening into which the depending portion projects when the door is in hole closing position, and means to slide the panel to cause the end of the opening therein to engage the depending portion to raise the door to hole opening position.

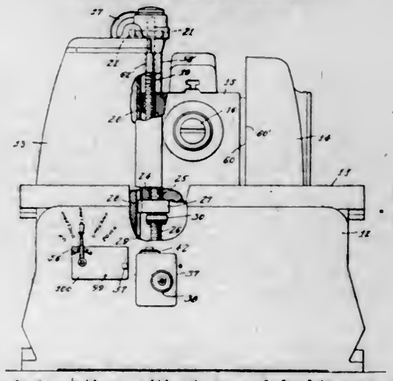
2,123,824
TEMPLE ROLL
Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application March 10, 1938, Serial No. 195,064
4 Claims. (Cl. 139—296)

1. A temple roll comprising a roll body having a central portion of resilient fabric-gripping



material and a selvage engaging end portion of hard wear-resisting material.

2,123,825
COMBINATION POSITIONING AND LOCKING MECHANISM
Charles B. De Vlieg, Jackson, Mich., assignor to Associated Patents, Inc., Cincinnati, Ohio, a corporation of Ohio
Application March 7, 1934, Serial No. 714,378
Renewed May 2, 1935
46 Claims. (Cl. 90—16)

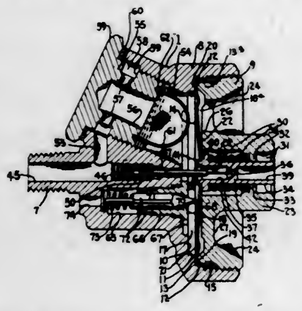


1. Automatic positioning and locking mechanism comprising, in combination with a movable machine tool member, relatively rotatable screw and nut elements for power locking of said member, a motor for driving the rotatable element in either direction, relatively rotatable screw and nut elements for power positioning of said member, a second motor for driving the rotatable element in either direction, an adjustable stop for said member determining positioning, a limit switch for opening the second motor's circuit at a predetermined point in the movement of the member determined by the setting of said stop, said switch having a movable operating arm and said arm being engaged by an abutment in the movement of one relative to the other incident to the movement of said member, and another limit switch controlling the starting of the second motor, said switch having a movable operating arm moved at a predetermined point in the unlocking movement of said first screw and nut elements.

2,123,826
NOZZLE
Earnest J. Dillman, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application May 10, 1935, Serial No. 20,721
7 Claims. (Cl. 299—59)

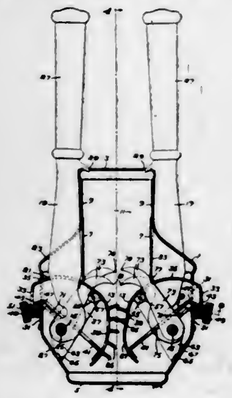
1. A device of the character described, comprising a body portion through which liquid flows and having a recessed wall, a removable wall means disposed in said recess, a movable wall means clamped between the recessed wall and said removable wall means, and cooperating with said recessed wall to provide a chamber into which liquid flows under pressure for discharge therefrom, said movable wall means having a

normal position and being movable in one direction by the force exerted by the liquid, an orifice member carried by said movable wall means and slidably supported in said removable wall means, a spring disposed in said removable wall means for moving said movable wall means and orifice member back to normal position upon cessation of flow, a cleaner member registering with



the orifice of said orifice member and arranged to extend thereinto upon return of said movable wall means to normal position whereby to clear said orifice of clogging matter, a by-pass for by-passing liquid from said chamber, and a valve member closing said by-pass during flow of liquid and movable by movement of said movable wall means toward normal position to open said by-pass upon cessation of flow.

2,123,827
ICE CRUSHER
Philip A. Eyrick, Arlington, and Warren B. Hopkins, Marshfield, Mass., assignors to National Company, Inc., Malden, Mass., a corporation of Massachusetts
Application March 7, 1936, Serial No. 67,662
16 Claims. (Cl. 83—63)



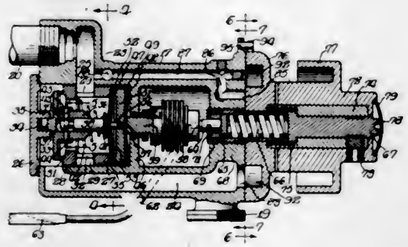
1. An ice crushing device comprising a casing, an ice crushing instrumentality in said casing, means comprising a handle member for supporting said device and operating said instrumentality, said handle member operatively having a lost motion connection to said casing for causing relative movement between the two in one direction when said device is lifted by said handle member and in the opposite direction when said device is placed upon a support and said handle member is released, and locking means comprising a hook-like part on said handle member for engaging a cooperating part on said casing automatically operated into releasing and engaging positions by said lost motion in opposite directions respectively.

2,123,828
AWNING ARM
Samuel H. Gibson, Lakewood, Ohio, assignor to The Fanner Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application January 5, 1938, Serial No. 183,472
3 Claims. (Cl. 156—44)



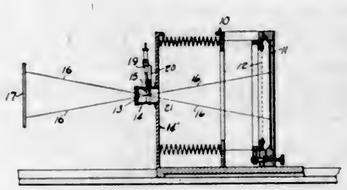
3. In an awning arm, tubular inner and outer arm sections, a hinge including a hinge pin for connecting said sections and permitting the same to fold, spring means for unfolding said sections and including a helical spring disposed inside of one of said arms, a threaded sleeve screw threaded into the arm containing the spring and furnishing an abutment for said spring and formed to provide means for screwing the same into or out of said arm to change its longitudinal position, a lever extending from the other arm section adjacent the hinge pin and forming with said arm a bellcrank lever with the hinge pin as a pivot, a crosshead engaging the other end of said spring and a connecting rod screw threaded into said crosshead, a chain connecting said rod to said lever.

2,123,829
FUEL CONTROL AND REGULATION
John H. Grayson, Lynwood, Calif., assignor to Grayson Heat Control, Ltd., Lynwood, Calif., a corporation of California
Application October 25, 1935, Serial No. 46,730
8 Claims. (Cl. 236—15)



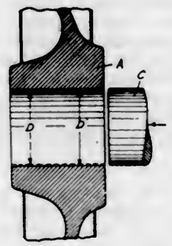
1. The combination with an oven, a broiling compartment adjacent thereto and a common burner adapted for both baking and broiling purposes disposed in operative relation to said oven and compartment, of means having a plurality of fuel passages for supplying fuel to said burner, said means comprising a thermostatically controlled device in one of said passages for maintaining a predetermined baking temperature in said oven by cutting off the fuel supply when an oven temperature for which said device is set has been reached and turning on the fuel supply when the oven temperature falls below said predetermined temperature, a manually operable valve for controlling the fuel supply to both of said passages, said valve being constructed to supply fuel to both passages simultaneously or to either independently, and a single manually operable means for simultaneously regulating said device and said valve.

2,123,830
MEANS FOR PRODUCING SCREEN NEGATIVES
Harry A. Groesbeck, Jr., Chappaqua, N. Y., assignor to Sterling Engraving Company, New York, N. Y., a corporation of New York
Application December 7, 1935, Serial No. 53,291
3 Claims. (Cl. 95—64)



3. In a camera of the type adapted to receive a sensitized plate, a lens barrel having a single lens mounted coaxial therein, a single slide mounted to slide in said barrel and having an aperture that normally is centrally located with respect to the axis of the lens and barrel, a half-tone screen mounted in the camera between the lens and plate, means for moving the slide in the barrel to shift the aperture laterally with respect to the center of the lens and barrel and means for measuring the amount of lateral displacement whereby the image formed through the displaced aperture may be made to fall in a predetermined position with respect to another image formed on a plate previously exposed with the aperture in central position.

2,123,831
WHEEL AND AXLE ASSEMBLY AND PROCESS OF PRODUCING SAME
Oscar J. Horger, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application September 4, 1937, Serial No. 162,506
4 Claims. (Cl. 29—168)



1. The process which consists in taking a metal wheel with a bore in the hub thereof, increasing the elastic limit of the metal next surrounding the bore, and then press-fitting an axle in said bore with a pressure in excess of the original elastic limit of the metal and less than the elastic limit of the metal stressed in the preceding operation.

2,123,832
TREATMENT OF HIDES, SKINS, AND LEATHER
Alphons O. Jaeger, Mount Lebanon, and Richard Herrlinger, Bridgeville, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application August 10, 1936, Serial No. 95,280
8 Claims. (Cl. 149—5)

1. In the treatment of hides, skins and leather by a process including any of the steps of washing limed hides, deliming, bating, pickling, setting of mineral tannages, bleaching, fat-liquoring or dyeing with acid dyes, the method of adjusting the hydrogen ion concentration of the hides, skins or leather which comprises introducing therein a suitable compound comprising a member of the group consisting of phthalic acid, maleic acid, fumaric acid and succinic acid and their water soluble salts.

2,123,833
DEWAXING WAX-BEARING MINERAL OIL
Edwin C. Knowles, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application September 20, 1935, Serial No. 41,394
6 Claims. (Cl. 196—18)

6. In the dewaxing of wax-bearing mineral oil, the method which comprises mixing the oil containing wax crystal modifying material with a solvent comprising an aliphatic ketone having around 7 to 10 carbon atoms mixed with an aliphatic ketone having up to 6 carbon atoms such that the wax and oil appear to be completely dissolved in the solvent at a temperature of around 125° F., heating the solution of wax-bearing oil in the solvent to a temperature of around 175° F. such that upon chilling to about 0° F. and filtering to remove the wax the filtering rate is materially greater than that realized when heating to a temperature of about 125° F., chilling the thus heated solution to precipitate the wax and removing the wax so precipitated.

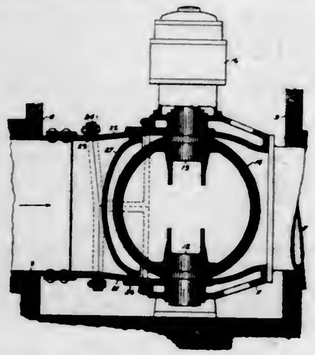
2,123,834
OXAZOLE DYESTUFFS OF THE ANTHRAQUINONE SERIES AND A PROCESS OF PREPARING THEM
Georg Kränzlein, Hans Schlichenmaier, and Ludwig Wilhelm Berlin, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 21, 1935, Serial No. 12,300. In Germany March 24, 1934
6 Claims. (Cl. 260—44)

1. The process of making an oxazole dyestuff of the anthraquinone series which comprises boiling for about 3 to 4 hours in the presence of nitrobenzene and some para-toluene sulfonic acid, 1 mol. of 1-hydroxy-2.4-diamino-anthraquinone with about 3 mols of benzoyl-chloride until the solution has assumed a yellow coloration.

2,123,835
VALVE STRUCTURE
Arnold Pfau, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application July 29, 1936, Serial No. 93,155
14 Claims. (Cl. 137—69)

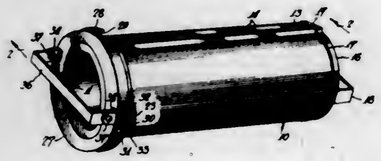
5. In a valve structure, a valve casing, a conduit portion attachable to said casing, a valve

mounted for movement in said casing, and a bulkhead shaped as a sector of a hollow sphere



and removably mounted within and closing off said conduit portion and with the convex surface thereof facing upstream from said valve.

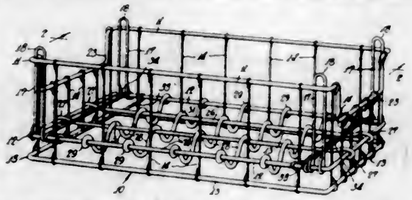
2,123,836
APPARATUS FOR MOLDING CONFECTIONERY PRODUCTS
Norman M. Thomas, Brooklyn, and William J. Taylor, Syracuse, N. Y., assignors to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
Application March 17, 1937, Serial No. 131,538
15 Claims. (Cl. 107—19)



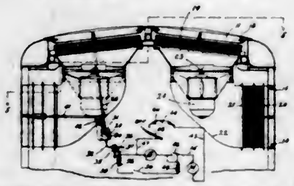
1. In a mold assembly of the class described comprising, in combination, an outer tubular single cavity horizontal mold having one closed and one open end and having a relatively narrow continuous longitudinal opening along the top side thereof, said mold having means adjacent said open end for supporting a smaller inner mold in spaced relation therein, and, a smaller horizontal inner mold having one closed end and one open end, said inner mold having means adjacent its open end for engaging the supporting means of said outer mold and for closing the open end thereof.

2,123,837
WIRE RACK
Norman M. Thomas, Brooklyn, and Carroll A. Hennessy, Syracuse, N. Y., assignors to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
Application March 17, 1937, Serial No. 131,539
3 Claims. (Cl. 211—71)

1. A net-like spaced wire rack of the character described consisting in combination of substantially parallel rectangular top, intermediate and bottom frames, said frames being connected and secured in spaced vertical relation by uprights spaced perimetrically thereof, said intermediate frame having spaced longitudinally extending rods secured to opposite ends thereof and spaced transversely extending sinuate rods mounted vertically of the rack and secured to the opposite sides thereof, providing a lattice-like supporting structure having a plurality of transversely spaced parallel semi-circular cradle-like troughs extending longitudinally thereof for receiving and supporting a mold, said rack having means mounted on said intermediate frame adjacent its ends and extending transversely of said troughs for engaging the ends of said molds to prevent longitudinal movement thereof.



2,123,838
LOUVER FOR RAILWAY CARS
Brunolf C. Baade, Akron, Ohio, assignor to Goodyear-Zeppelin Corporation, Akron, Ohio, a corporation of Delaware
Application April 3, 1936, Serial No. 72,671
10 Claims. (Cl. 105—61)

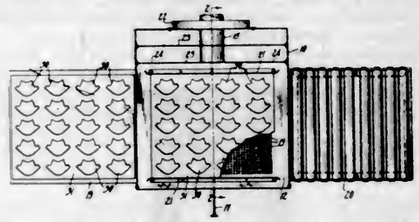


1. In a device of the class described, the combination with a train having a conduit arranged therein, the ends of which communicate with the exterior surface of said train, an air-circulating means for driving the air through said conduit in one direction only, coils arranged in said conduit and louvers at the ends of said conduit for directing the air into and out of said conduit, and means for maintaining said louvers normally in one position so as to properly and efficiently direct the air from the surrounding atmosphere through said conduit in the direction said air is normally moved by the said air-circulating means, when the train moves in one direction, means for reversing the positions of said louvers whereby to direct the air through said conduit in the same direction when said train is operated in the opposite direction and means for compelling the actuation of said last-mentioned means upon actuation of said train in the said last-mentioned direction.

2,123,839
STOCK PREPARATION METHOD
James E. Beyer, Akron, and Elmer J. Leesman, Cincinnati, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application March 5, 1936, Serial No. 67,270
1 Claim. (Cl. 12—147)

The method of concurrently mulling and agglutinating a leather stock blank which comprises mounting the blank, finished side down, locally upon a pervious sheet of paper, applying suction to the blank through said pervious sheet, spraying

the flesh side of the blank with an aqueous dispersion of rubber, and subsequently removing the



blank and rubber deposit thereon as a unit from the pervious sheet.

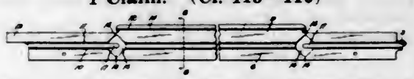
2,123,840
ALLOYS
Edward S. Bunn, Rome, N. Y., assignor to Revere Copper and Brass Incorporated, Rome, N. Y., a corporation of Maryland
No Drawing. Application June 16, 1937, Serial No. 148,561
3 Claims. (Cl. 75—155)

1. An alloy having a high degree of toughness and capable of being hot and cold worked, hot extruded and hardened by heat treatment containing 54 to 69% copper, 0.1 to 4% nickel, 0.1 to 3% iron, 0.05 to 1% arsenic, balance zinc.

2,123,841
PROCESS FOR MAKING MERCAPTO ARYL THIAZOLES
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 13, 1936, Serial No. 110,665
7 Claims. (Cl. 260—44)

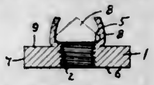
1. In the process of producing a mercapto aryl thiazole from a primary aromatic amine of the benzene and naphthalene series, the improvement which comprises forming the addition product of the amine with sulfur dioxide and reacting the addition product with carbon disulfide and a further quantity of the primary aromatic amine under suitable conditions of temperature and pressure.

2,123,842
METHOD OF MAKING BAG FRAMES
Joseph F. Cox, Arlington, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application May 6, 1936, Serial No. 78,161
1 Claim. (Cl. 113—116)



The method of making a channelled bag frame section having a main portion and two end portions disposed in angular relation thereto which comprises cutting a V-shaped scoring longitudinally in one surface of a strip of thin sheet metal along a line constituting a predetermined line of bend, cutting the frame section blank from the scored strip, bending the blank longitudinally to channelled form along lines, at least one of which is defined by the apex of said scoring so that the adjacent surfaces of the V-shaped scoring are in contact, to provide relatively sharp inner and outer angles along the line of said bend, and finally bending the channelled strip transversely at points spaced from the ends thereof to form the end portions of the section.

2,123,843
METHOD OF MAKING THREADED NUTS
Joseph F. Cox, Arlington, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts.
Application February 16, 1937, Serial No. 126,002
10 Claims. (Cl. 10—86)



1. The method of forming a nut device of a type having a body with an end face and attaching means integral with an end face of said body which comprises cutting laterally into said body from its outer edge just below the surface of one end to shear the metal for said attaching means from said nut blank and forming the sheared portion into suitably shaped attaching means.

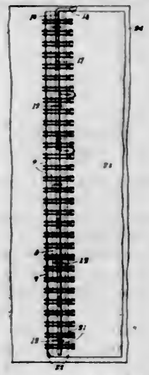
2,123,844
VULCANIZATION OF RUBBER
Howard I. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Original application October 20, 1934, Serial No. 749,312. Divided and this application June 3, 1936, Serial No. 83,265
9 Claims. (Cl. 260—44)

1. Alpha furfuryl ammonium benzothiazyl sulphide.

2,123,845
ACCELERATORS OF VULCANIZATION
Howard I. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Original application October 20, 1934, Serial No. 749,311. Divided and this application June 3, 1936, Serial No. 83,266
11 Claims. (Cl. 260—44)

1. N-tetrahydro alpha furfuryl ammonium benzothiazyl sulphide.

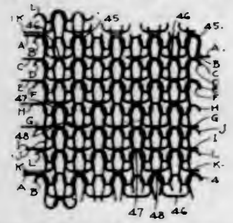
2,123,846
BINDER
Charles C. Cruzan, Poughkeepsie, N. Y., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y., a corporation of New York
Application September 4, 1936, Serial No. 99,350
12 Claims. (Cl. 129—1)



10. A binder comprising substantially C-shaped

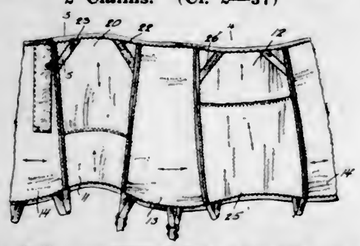
binder rings connected together in spaced relation and having spaced inwardly extending ends at the open side of the same separated to enable the engagement of correspondingly perforated loose sheets thereover, opposed back plates in face-to-face relation and of a width to bridge the open side of said rings and having opposed edges for receiving and clamping between them said inwardly extended ends of the rings and means for shifting said opposed back plates toward and away from each other and for securing said plates together in gripping clamping engagement with said inwardly extended ends of said open rings.

2,123,847
INLAID KNITTED FABRIC
Harry Fleisher, Watertown, Conn., assignor to Princeton Inc., Watertown, Conn., a corporation of Connecticut
Application February 23, 1938, Serial No. 192,000
4 Claims. (Cl. 66—191)



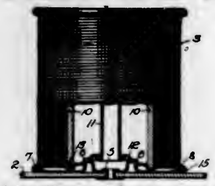
1. An inlaid knitted fabric repeating every six courses, each repeat consisting of six separate yarns each knitted at every wale in one of said six courses, yarns floated at odd-numbered wales and inlaid at even-numbered wales in each of the first, second and third courses, and yarns floated at even-numbered wales and inlaid at odd-numbered wales in each of the fourth, fifth and sixth courses.

2,123,848
FOUNDATION GARMENT
Pauline Z. Gordon, New York, N. Y., assignor to Pauline Gordon, Inc., New York, N. Y., a corporation of New York
Application August 7, 1937, Serial No. 157,975
2 Claims. (Cl. 2—37)



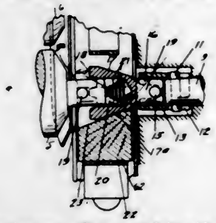
1. A girdle constituted by a plurality of panels secured to each other along their adjacent side edges, at least one of said panels being formed from material stretchable in a vertical direction only and having associated therewith a reinforcing member of the same type material and equal in width to the panel to which it is secured, said member being stretchable only in the same direction as the panel, one of the ends of the member being secured to the panel adjacent an end edge of the latter, the opposite end of the member being unsecured.

2,123,849
SPOOL PACKING INSTALLATION
Walter I. Jones, Arlington, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application October 14, 1935, Serial No. 44,892
3 Claims. (Cl. 248—361)



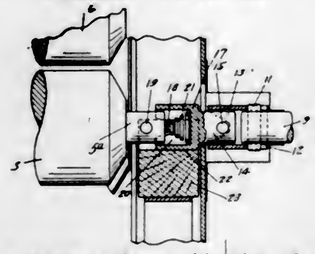
1. In combination with a supporting structure having a fastener member secured thereto, said fastener member having a raised portion at one end and a looped portion providing longitudinal spring action in said fastener member, an article to be supported having a base portion with a hollow rim for cooperative hooking engagement with the fastener member on said supporting structure.

2,123,850
WRINGER
Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application July 19, 1934, Serial No. 736,007
11 Claims. (Cl. 68—253)



1. In a wringer, the combination of a frame; rolls mounted in the frame; driving means; a pressure means for the rolls; a clutch between the driving means and one of the rolls; devices responsive to pressure differences on the rolls for actuating the clutch to release the clutch with a release of pressure; and a safety release device for releasing the pressure on the rolls.

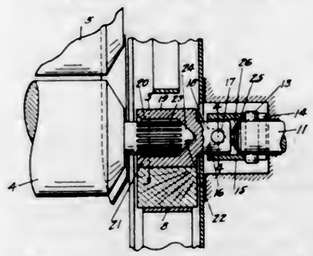
2,123,851
WRINGER
Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application July 19, 1934, Serial No. 736,008
5 Claims. (Cl. 68—253)



1. In a wringer, the combination of a frame;

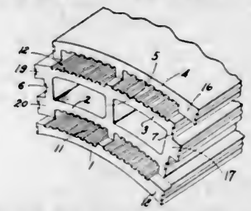
rolls mounted in the frame; releasable pressure means exerting pressure on the rolls; driving means; and a driving connection between the driving means and a roll comprising devices responsive to torque resistance through the connection under normal roll pressure setting the driving connection for driving action and releasing the connection from driving action upon a release of such pressure.

2,123,852
WRINGER
Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application July 19, 1934, Serial No. 736,009
Renewed December 6, 1937
4 Claims. (Cl. 68—32)



1. In a wringer, the combination of a frame; rolls mounted in the frame one of the rolls being yieldably mounted; pressure means for the rolls; a shaft for the yieldable roll; a gear on said shaft; a driving means; a gear driven by the driving means, one gear being within the other and one of said gears being on a fitting moving axially; conical engaging surfaces, one for each gear and each conical surface being concentric with its gear; means exerting axial pressure on the fitting exerting camming action on the conical surfaces to release the gears and permitting the meshing of the gears under pressure on the rolls, and means for releasing pressure on the rolls.

2,123,853
STRUCTURAL ELEMENT
Charles H. Miller, Lakewood, Ohio, assignor to Universal Sewer Pipe Company, Cleveland, Ohio, a corporation of Ohio
Application May 13, 1936, Serial No. 79,522
4 Claims. (Cl. 138—81)



1. A hollow block comprising two external walls substantially equi-spaced throughout their extent, two webs therebetween substantially equispaced from each other and from said walls, connecting sides extending between the external walls and across the webs, one of the walls being displaced from the webs in one direction and the other wall displaced from said webs the opposite direction.

2,123,854
POLY-NITRO COMPOUNDS OF 3-CYCLOHEXYL-PHENOL
Lindley E. Mills, Frank B. Smith, and John Livak, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application July 9, 1936, Serial No. 89,766
1 Claim. (Cl. 260—143)

2,4,6-trinitro-3-cyclohexyl-phenol.

2,123,855
METHOD OF TREATING RUBBER COMPOSITION
Henry F. Palmer, Akron, Ohio, and George Willis Miller, Los Angeles, Calif., assignors to The Xylos Rubber Company, Akron, Ohio, a corporation of Ohio
No Drawing. Application August 26, 1935, Serial No. 37,938
9 Claims. (Cl. 18—52)

1. The method of treating devulcanized rubber scrap to remove residual alkali therefrom which comprises pressure washing said scrap in the presence of an aqueous neutral or alkali solution of a sodium salt.

2,123,856
METHOD OF TREATING METAL PARTS
Carroll C. Swift, Belmont, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
No Drawing. Application January 23, 1935, Serial No. 3,199
3 Claims. (Cl. 91—68)

1. The method of cleaning and protecting metal which comprises subjecting the metal to be cleaned to a solution containing rosin, vegetable oil and trichlorethylene and subsequently allowing the trichlorethylene to evaporate thereby leaving a protective coating of the rosin and oil on the metal.

2,123,857
MANUFACTURE OF 1,3-DICHLORO- AND 1,3,5-TRICHLOROBENZENES
Johan Pieter Wibaut, Leonardus M. F. van de Lande, and Gerrit W. A. Wallagh, Amsterdam, Netherlands, assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application September 29, 1937, Serial No. 166,344
6 Claims. (Cl. 260—161)

1. The method which comprises passing a mixture of an organic compound, selected from the class consisting of benzene and chlorobenzene, and chlorine in a proportion not exceeding 0.1 that theoretically required to convert said organic compound into dichlorobenzene, through a reaction zone wherein it is heated to a temperature between 400° and 700° C.

2,123,858
EXHAUST DEFLECTOR
Arthur I. Wightman, Belding, Mich., assignor to Harry F. Hittle, East Lansing, Mich.
Application September 3, 1937, Serial No. 162,393
2 Claims. (Cl. 138—25)

1. An exhaust deflector, comprising a body portion constructed to be attached to an exhaust pipe, the said body having a spreading discharge end, and the said end having attached trans-

versely to its under surface a baffle plate extending downwardly adjacent to the edge of the said discharge end of the deflector, the edge of the



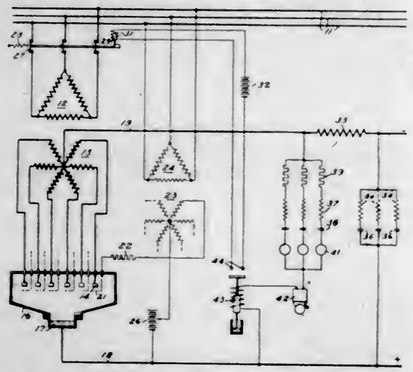
baffle plate being spaced from the edge of the said end of the deflector whereby the end edge of the deflector is protected from corroding exhaust gases.

2,123,859

RECTIFIER PROTECTIVE SYSTEM

Harold Winograd, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application February 13, 1933, Serial No. 656,524
Renewed October 1, 1937
15 Claims. (Cl. 175—363)



3. In a protective system for electron discharge devices, a supply line, an electron discharge device connected with said line, an output line connected with said device, means for interrupting flow of electric current through said device, and means receiving and operating in response to harmonic current components of predetermined frequencies appearing in the system only upon abnormal operation of said device, said means causing operation of the first said means.

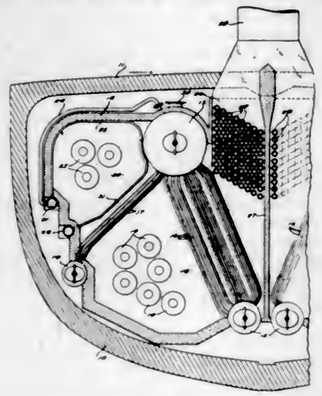
2,123,860

STEAM GENERATOR

John Blizard, Garden City, N. Y., assignor to Foster Wheeler Corporation, New York, N. Y., a corporation of New York

Application August 8, 1935, Serial No. 35,279
Renewed June 16, 1938
11 Claims. (Cl. 122—473)

1. A steam generator comprising a setting, a bank of steam generating tubes in the setting, a screen of water tubes in the setting, a boiler furnace in the setting between the bank of steam generating tubes and the screen of water tubes, means for firing the boiler furnace, a superheater furnace in the setting separated from the boiler furnace by tubes of the screen of water tubes, a superheater in the superheater furnace, means for firing the superheater furnace, and a flue connected with the setting through which the products of combustion produced in both said furnaces flow from the setting, the flue being located so that the products of combustion produced in the superheater furnace, flow at all times in heat exchange relationship with the



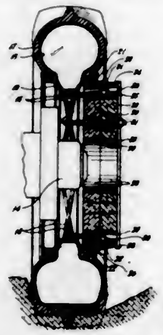
bank of steam generating tubes before entering the flue.

2,123,861

WEIGHTED TRACTOR WHEEL

Jesse W. Shields, Akron, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio

Application December 4, 1936, Serial No. 114,163
7 Claims. (Cl. 301—41)



1. The combination with a wheel comprising rim, hub and spokes, of a plurality of interchangeable traction weights mounted thereon, the first of said weights telescoping with the wheel rim to be supported thereby and the remaining weights being mounted successively on each other and telescoping with the adjacent weight at the outer periphery thereof, and means engaging said spokes for securing the weights to the wheel.

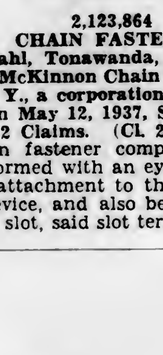
2,123,862

TREATMENT OF LATEX

Walter T. L. Ten Broeck, Dolok Merangir, East Coast Sumatra, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application July 6, 1936, Serial No. 89,118
In the Netherlands April 17, 1936
8 Claims. (Cl. 18—50)

1. The method of treating latex which comprises subjecting the latex to treatment for the solubilization of nitrogenous material naturally present in the latex, purifying the latex by removal of aqueous serum containing dissolved



water-soluble materials, diluting the concentrated latex, coagulating, washing and drying.

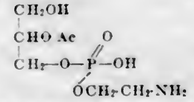
2,123,863

FOOD COMPOSITION AND PROCESS OF INHIBITING OXYGENATION THEREOF

Harvey D. Royce, Savannah, Ga., assignor to The Southern Cotton Oil Company, New Orleans, La., a corporation of New Jersey

No Drawing. Application July 30, 1936, Serial No. 93,525
4 Claims. (Cl. 99—163)

2. A food composition having improved keeping qualities comprising an edible fat having incorporated therein a small amount of a synthetic, fat-soluble antioxidant represented by the formula:



in which Ac is an acyl group derived from a fatty acid having at least four carbon atoms, and the remaining terms have their customary chemical significance.

2,123,864

CHAIN FASTENER

Frank E. Stahl, Tonawanda, N. Y., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y., a corporation of New York

Application May 12, 1937, Serial No. 142,219
2 Claims. (Cl. 24—69)

2. A chain fastener comprising a one-piece body part formed with an eyelet at one end for permanent attachment to the side chain of an anti-skid device, and also being formed with a longitudinal slot, said slot terminating in a cross bar arranged between the end of the slot and the eyelet, the slot terminating at the opposite end in a pivot bar which extends across the extreme end of the body, a latch lever pivotally mounted upon the pivot bar and arranged symmetrically along the longitudinal body axis, said latch lever having its free end normally lying within the slot and formed on its upper edge surface with a recess having parallel sides, a closed lock clip slid-



ably mounted upon the body and completely encircling the same, said clip being of substantially the same width as the width of the recess and engageable with such recess in the free end of the latch lever, and a spring having its outer end engageable with the free end of the latch lever, said spring being secured to the cross bar and having its free end extending through the clip and toward the pivot bar.

2,123,865

FASTENING MEANS FOR TIRE CHAINS

Frank E. Stahl, Tonawanda, N. Y., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y., a corporation of New York

Application May 12, 1937, Serial No. 142,220
1 Claim. (Cl. 24—69)

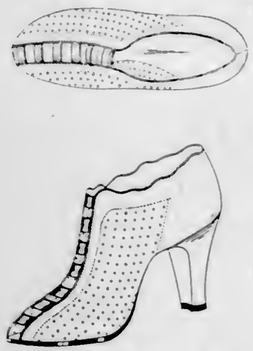


A fastening means for tire chains, comprising a one-piece body in the form of a stamping, said body being formed at one end with an opening for receiving the chain link at one end of a tire chain, said body being provided with two interspaced side walls extending longitudinally of the body, a dividing wall extending across and connected to said side walls intermediate their length, thus forming an intermediate slot and an end slot, a pivot bar connecting said side walls at their extreme ends, a latch lever having its pivot end arranged within the end slot and pivotally mounted upon said pivot bar, said lever having its free end engageable with the intermediate slot and the upper edge of the dividing wall to stop its passage through the intermediate slot, the free end of said lever being formed with a detent lug and a recess, and a lock clip mounted upon the body and engageable with the recess of the latch lever, said detent lug being of such height as to permit the clip to pass over it when the lever is in engagement with the edge of the dividing wall.

DESIGNS

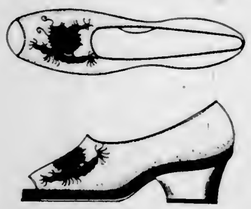
JULY 12, 1938

110,427
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Benjamin Benjamin, Freeport, N. Y.
Application June 13, 1938, Serial No. 77,785
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

110,428
DESIGN FOR A SLIPPER
Dominick J. Calderazzo, Brooklyn, N. Y.
Application June 3, 1938, Serial No. 77,538
Term of patent 3½ years



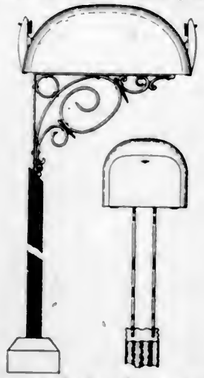
The ornamental design for a slipper substantially as shown.

110,429
DESIGN FOR A SLIPPER
Dominick J. Calderazzo, Brooklyn, N. Y.
Application June 3, 1938, Serial No. 77,539
Term of patent 3½ years



The ornamental design for a slipper substantially as shown.

110,430
DESIGN FOR A COMBINATION MAIL BOX AND SUPPORT THEREFOR
Charles Geis, Cincinnati, Ohio
Application September 8, 1936, Serial No. 64,762
Term of patent 7 years



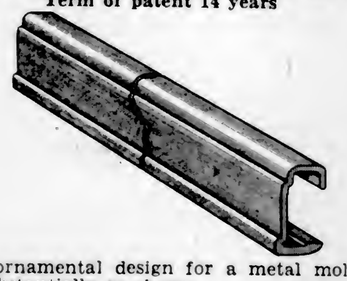
The ornamental design for a combination mail box and support therefor, as shown and described.

110,431
DESIGN FOR A SHOE
David Levin, New York, N. Y.
Application June 4, 1938, Serial No. 77,588
Term of patent 3½ years



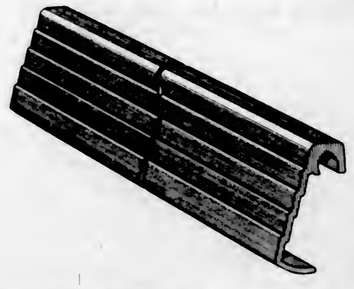
The ornamental design for a shoe substantially as shown.

110,432
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,877
Term of patent 14 years



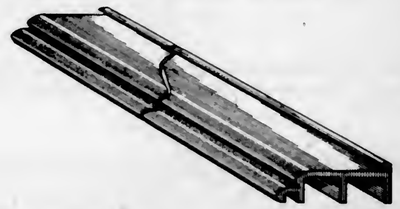
The ornamental design for a metal molding strip substantially as shown.

110,433
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,878
Term of patent 14 years



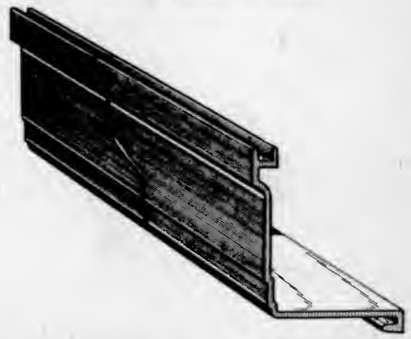
The ornamental design for a metal molding strip substantially as shown.

110,434
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,880
Term of patent 14 years



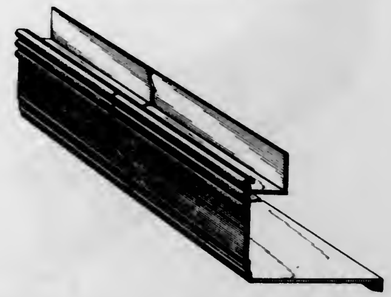
The ornamental design for a metal molding strip substantially as shown.

110,435
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,881
Term of patent 14 years



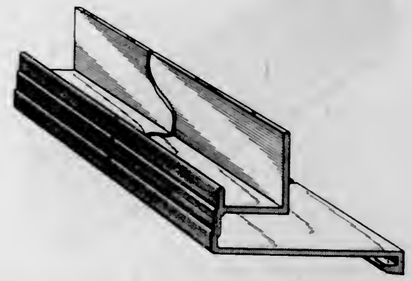
The ornamental design for a metal molding strip substantially as shown.

110,436
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,883
Term of patent 14 years



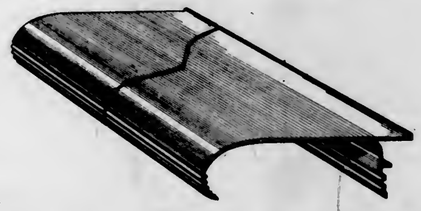
The ornamental design for a metal molding strip substantially as shown.

110,437
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,884
Term of patent 14 years



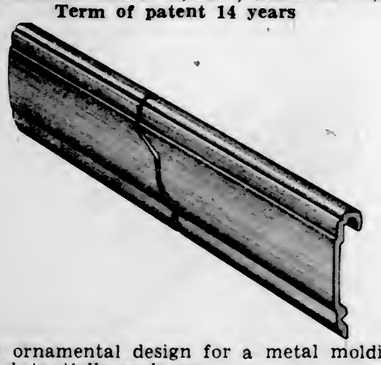
The ornamental design for a metal molding strip substantially as shown.

110,438
DESIGN FOR AN AWNING BAR
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,888
Term of patent 14 years



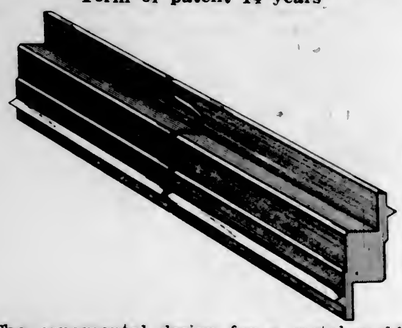
The ornamental design for an awning bar substantially as shown.

110,439
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,889
Term of patent 14 years



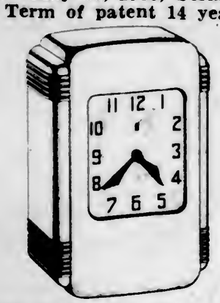
The ornamental design for a metal molding strip substantially as shown.

110,440
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,890
Term of patent 14 years



The ornamental design for a metal molding strip substantially as shown.

110,441
DESIGN FOR A CLOCK CASE
Ray Patten, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application May 20, 1938, Serial No. 77,298
Term of patent 14 years



The ornamental design for a clock case as shown.

110,442
DESIGN FOR A CASE FOR OPHTHALMIC MOUNTINGS
Arthur J. Pratt, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application March 28, 1938, Serial No. 76,123
Term of patent 14 years





The ornamental design for a case for ophthalmic mountings substantially as shown and described.

110,443
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application June 13, 1938, Serial No. 77,786
Term of patent 3½ years

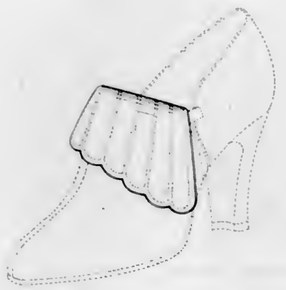




The ornamental design for a shoe or similar article, substantially as shown.

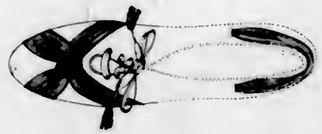
110,444
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application June 13, 1938, Serial No. 77,787
Term of patent 3½ years





The ornamental design for a shoe or similar article, substantially as shown.

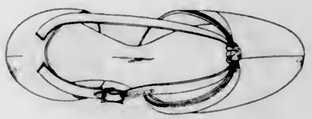
110,445
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application June 13, 1938, Serial No. 77,789
Term of patent 3½ years





The ornamental design for a shoe or similar article, substantially as shown.

110,446
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application June 13, 1938, Serial No. 77,790
Term of patent 3½ years

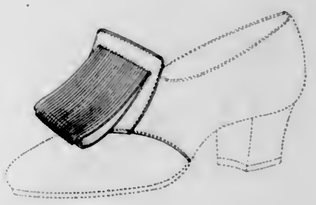




The ornamental design for a shoe or similar article, substantially as shown.

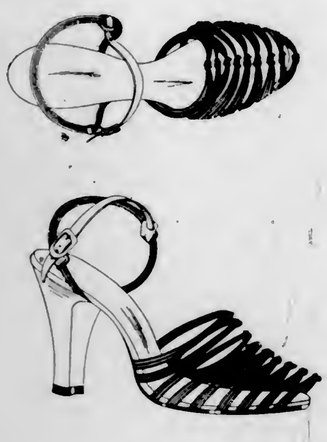
110,447
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application June 13, 1938, Serial No. 77,792
Term of patent 3½ years





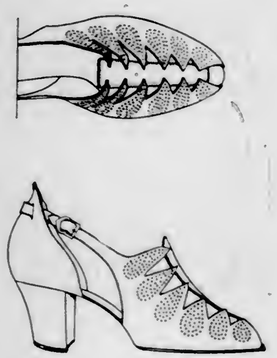
The ornamental design for a shoe or similar article, substantially as shown.

110,448
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application June 13, 1938, Serial No. 77,794
Term of patent 3½ years



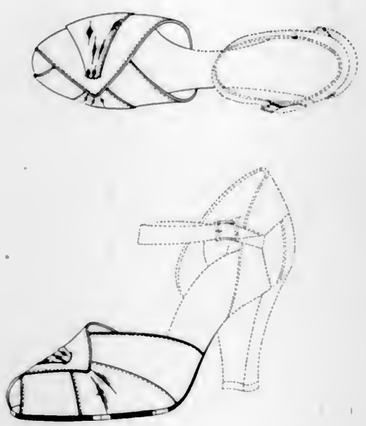
The ornamental design for a shoe or similar article, substantially as shown.

110,449
DESIGN FOR A SHOE
Ben Weiner, Brookline, Mass.
Application March 30, 1938, Serial No. 76,175
Term of patent 3½ years



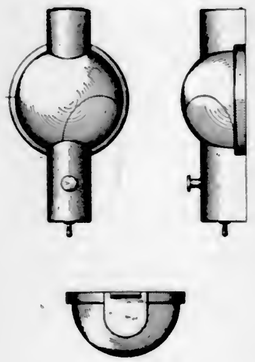
The ornamental design for a shoe, as shown.

110,450
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Adolph Wertheim, Brooklyn, N. Y.
Application June 4, 1938, Serial No. 77,569
Term of patent 3½ years



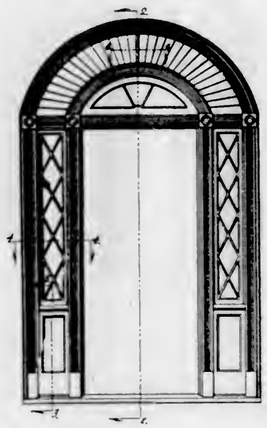
The ornamental design for a shoe or similar article, substantially as shown.

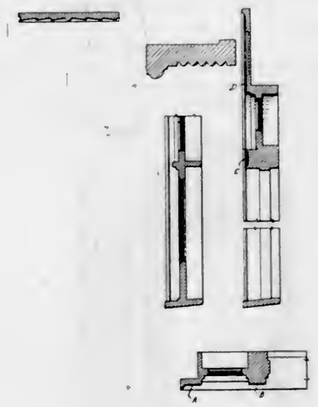
110,451
DESIGN FOR A LIGHTING FIXTURE
Albert L. Arenberg, Highland Park, Ill.
Application November 11, 1937, Serial No. 72,794
Term of patent 14 years



The ornamental design for a lighting fixture, substantially as shown.

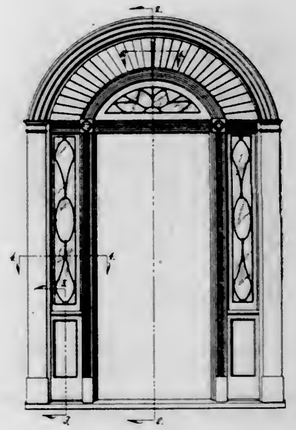
110,452
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,256
Term of patent 14 years

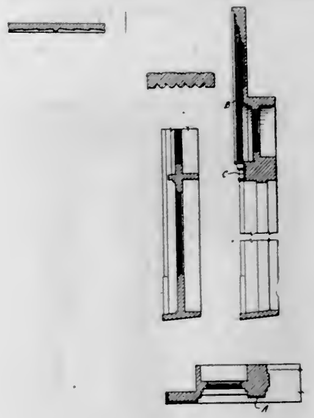




The ornamental design for a door frame, substantially as shown and described.

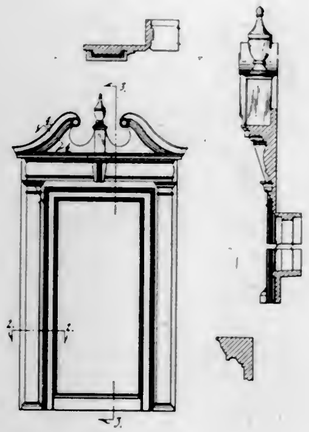
110,453
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,257
Term of patent 14 years





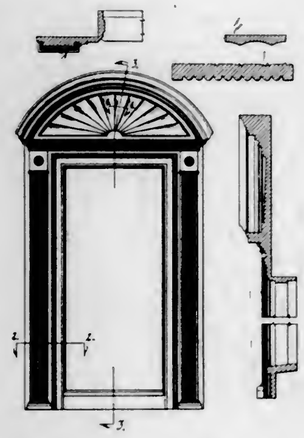
The ornamental design for a door frame substantially as shown and described.

110,454
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,258
Term of patent 14 years



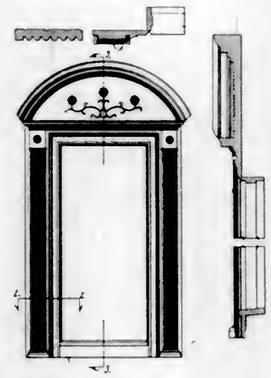
The ornamental design for a door frame substantially as shown and described.

110,455
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,259
Term of patent 14 years



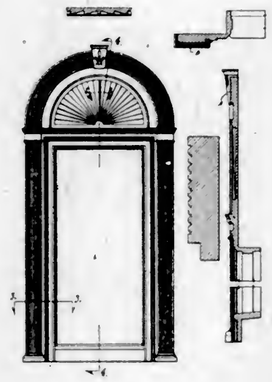
The ornamental design for a door frame substantially as shown and described.

110,456
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,260
Term of patent 14 years



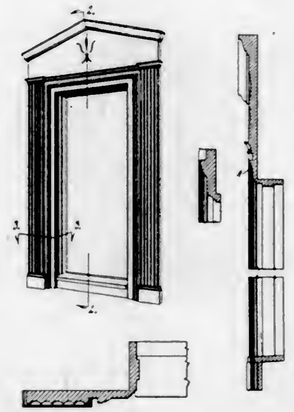
The ornamental design for a door frame substantially as shown and described.

110,457
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,261
Term of patent 14 years



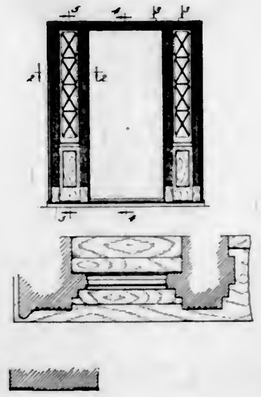
The ornamental design for a door frame substantially as shown and described.

110,458
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,262
Term of patent 14 years

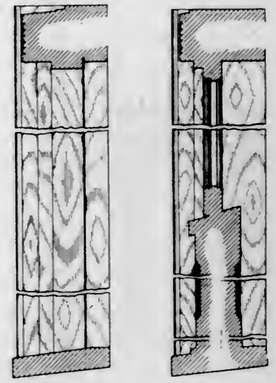


The ornamental design for a door frame substantially as shown and described.

110,459
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,268
Term of patent 14 years

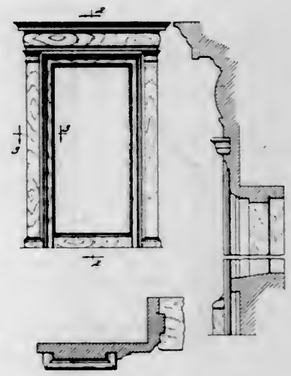


110,459—Continued



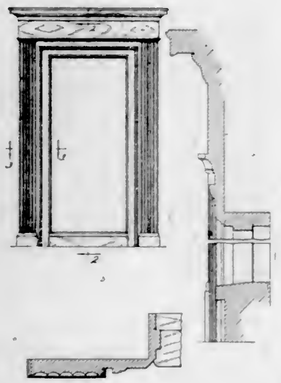
The ornamental design for a door frame substantially as shown and described.

110,460
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,270
Term of patent 14 years



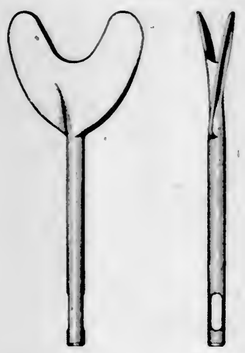
The ornamental design for a door frame substantially as shown and described.

110,461
DESIGN FOR A DOORFRAME
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,271
Term of patent 14 years



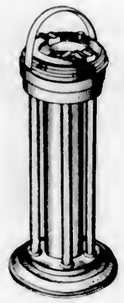
The ornamental design for a door frame substantially as shown and described.

110,462
DESIGN FOR A TAFFRAIL LOG SPINNER
Charles Ellis Ellicott, Jr., Baltimore, Md.
Application February 15, 1938, Serial No. 75,156
Term of patent 7 years



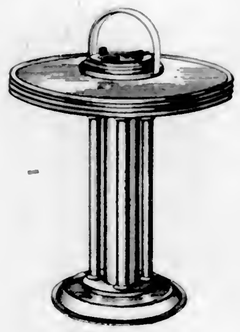
The ornamental design for a taffrail log spinner substantially as shown.

110,463
DESIGN FOR A SMOKING STAND
Karl Kipp, Olean, N. Y., assignor to Daystrom Corporation, Olean, N. Y., a corporation of New York
Application April 28, 1937, Serial No. 69,004
Term of patent 3½ years



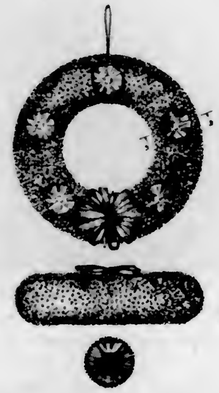
The ornamental design for a smoking stand substantially as shown.

110,464
DESIGN FOR A SMOKING STAND
Karl Kipp, Olean, N. Y., assignor to Daystrom Corporation, Olean, N. Y., a corporation of New York
Application April 28, 1937, Serial No. 69,005
Term of patent 3½ years



The ornamental design for a smoking stand substantially as shown.

110,465
DESIGN FOR A WREATH
Philip Kranz and Albert P. Schmid, Philadelphia, Pa., assignors to Bernard Wilmsen, Philadelphia, Pa.
Application January 7, 1938, Serial No. 74,136
Term of patent 14 years



The ornamental design for a wreath as shown.

110,466
DESIGN FOR A BUILDING
Ernest J. B. La Lumière, Providence, R. I.
Application November 29, 1937, Serial No. 73,233
Term of patent 14 years



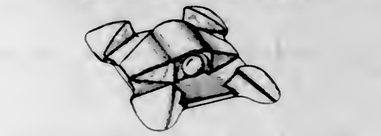
The ornamental design for a building as shown.

110,467
DESIGN FOR A PENCIL
James J. Sanders, Nashville, Tenn.
Application May 19, 1938, Serial No. 77,283
Term of patent 14 years



The ornamental design for a pencil, as shown and described.

110,468
DESIGN FOR A ROAD MARKER
Abraham Sprung, New York, N. Y., assignor to United States Reflector Corp., New York, N. Y.
Application May 29, 1937, Serial No. 69,623
Term of patent 14 years



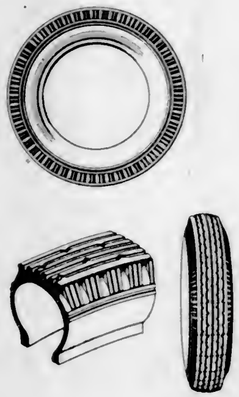
The ornamental design for a road marker, as shown.

110,469
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I.
Application June 3, 1938, Serial No. 77,537
Term of patent 3½ years



The ornamental design for a brooch or similar article substantially as shown.

110,470
DESIGN FOR A TIRE
Edgar F. Walt, Detroit, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application August 18, 1937, Serial No. 71,177
Term of patent 14 years



The ornamental design for a tire substantially as shown.

110,471
DESIGN FOR A TEXTILE FABRIC
Jack Antkies, New York, N. Y.
Application June 16, 1938, Serial No. 77,878
Term of patent 3½ years



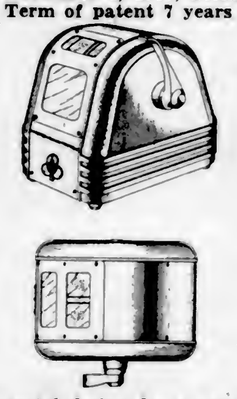
The ornamental design for a textile fabric substantially as shown and described.

110,472
DESIGN FOR A TEXTILE FABRIC
Jack Antkies, New York, N. Y.
Application June 16, 1938, Serial No. 77,879
Term of patent 3½ years



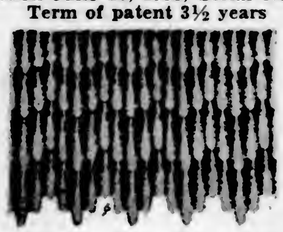
The ornamental design for a textile fabric substantially as shown and described.

110,473
DESIGN FOR A GAME APPARATUS
Alfred R. Babcock, Chicago, Ill.
Application November 4, 1937, Serial No. 72,625
Term of patent 7 years



The ornamental design for a game apparatus as shown.

110,474
DESIGN FOR A LACE FABRIC OR THE LIKE
Walter F. Breuss, Leonia, N. J.
Application June 10, 1938, Serial No. 77,727
Term of patent 3½ years



The ornamental design for a lace fabric or the like as shown and described.

110,475
DESIGN FOR A LACE FABRIC OR THE LIKE
Walter F. Breuss, Leonia, N. J.
Application June 10, 1938, Serial No. 77,728
Term of patent 3½ years



The ornamental design for a lace fabric or the like as shown and described.

110,476
DESIGN FOR A LACE COLLAR OR SIMILAR ARTICLE
Walter F. Breuss, Leonia, N. J.
Application June 10, 1938, Serial No. 77,730
Term of patent 3½ years



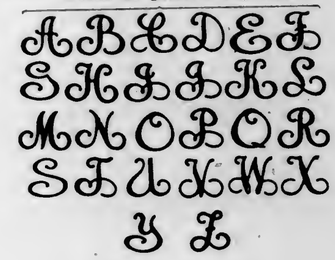
The ornamental design for a lace collar or similar article as shown and described.

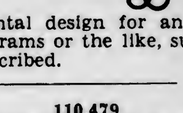
110,477
DESIGN FOR A JAR
Glen Robert Carpenter, Chicago, Ill.
Application October 18, 1937, Serial No. 72,294
Term of patent 14 years



The ornamental design for a jar substantially as shown.

110,478
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR THE LIKE
Michael Chernow, Providence, R. I.
Application October 21, 1936, Serial No. 65,412
Term of patent 7 years





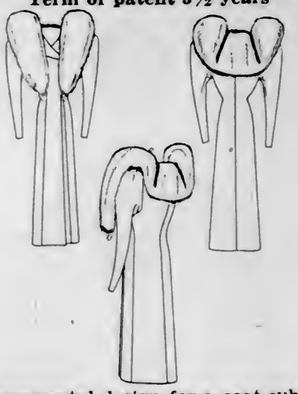
The ornamental design for an alphabet for forming monograms or the like, substantially as shown, and described.

110,479
DESIGN FOR A COAT
Irving Cohen, New York, N. Y.
Application June 10, 1938, Serial No. 77,708
Term of patent 3½ years



The ornamental design for a coat substantially as shown.

110,480
DESIGN FOR A COAT
Samuel H. Dick, New York, N. Y.
Application June 2, 1938, Serial No. 77,520
Term of patent 3½ years



The ornamental design for a coat substantially as shown and described.

110,481
DESIGN FOR A COAT
Samuel H. Dick, New York, N. Y.
Application June 20, 1938, Serial No. 77,945
Term of patent 3½ years



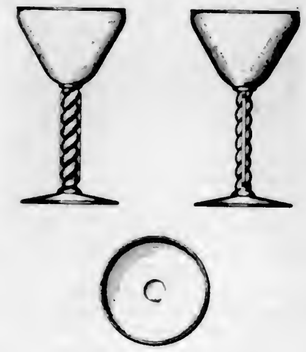
The ornamental design for a coat substantially as shown.

110,482
DESIGN FOR A HYDROMETER SUCTION BULB OR THE LIKE
Leo Edelmann, Chicago, Ill.
Application December 2, 1937, Serial No. 73,321
Term of patent 14 years



The ornamental design for a hydrometer suction bulb or the like, as shown.

110,483
DESIGN FOR A GLASS
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 1, 1938, Serial No. 77,474
Term of patent 7 years



The ornamental design for a glass substantially as shown.

110,484
DESIGN FOR A GLASS
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 1, 1938, Serial No. 77,475
Term of patent 7 years



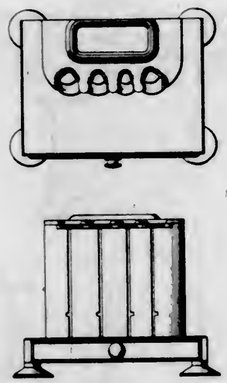
The ornamental design for a glass substantially as shown and described.

110,485
DESIGN FOR A DISPLAY CARTON
Edward Funke, Pelham Manor, N. Y.
Application December 4, 1937, Serial No. 73,373
Term of patent 3½ years



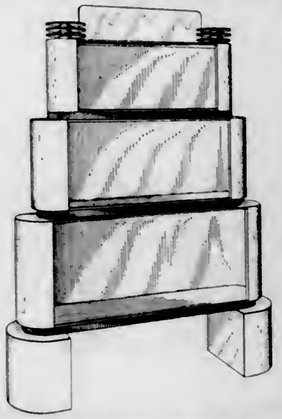
The ornamental design for a display carton as shown.

110,486
DESIGN FOR A COIN HOLDER OR SIMILAR ARTICLE
William A. Glover, Mentone, Ala., assignor of one-third to Paul S. Steward, Chattanooga, Tenn., and one-third to Paul L. Rice, Mentone, Ala.
Application December 14, 1937, Serial No. 73,618
Term of patent 3½ years



The ornamental design for a coin holder or similar article, as shown.

110,487
DESIGN FOR A DISPLAY STAND
William Hansen, Chicago, Ill.
Application May 9, 1938, Serial No. 77,082
Term of patent 3½ years



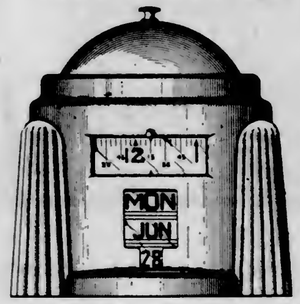
The ornamental design for a display stand substantially as shown.

110,488
DESIGN FOR AN ADVERTISING SIGN
Charles V. Hike, Bellevue, Nebr.
Application April 1, 1938, Serial No. 76,212
Term of patent 3½ years



The ornamental design for an advertising sign as shown and described.

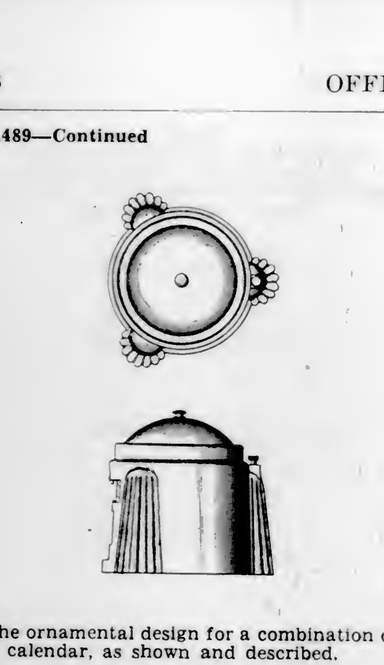
110,489
DESIGN FOR A COMBINATION CLOCK AND CALENDAR
Herbert W. Lamport, Chicago, Ill., assignor to Joseph C. Morris and Jim I. Silvers, Chicago, Ill.
Application July 3, 1937, Serial No. 70,251
Term of patent 3½ years



110,489—Continued

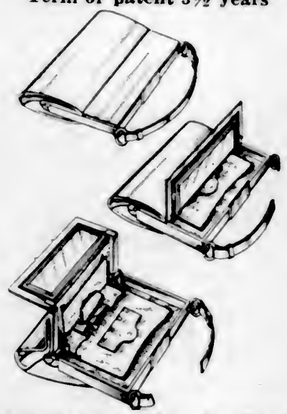
The ornamental design for a combination clock and calendar, as shown and described.

110,490
DESIGN FOR A HANDBAG
Florence N. Lewis, New York, N. Y.
Application April 30, 1938, Serial No. 76,899
Term of patent 3½ years



The ornamental design for a handbag as shown and described.

110,491
DESIGN FOR A HANDBAG
Florence N. Lewis, New York, N. Y.
Application May 19, 1938, Serial No. 77,276
Term of patent 3½ years



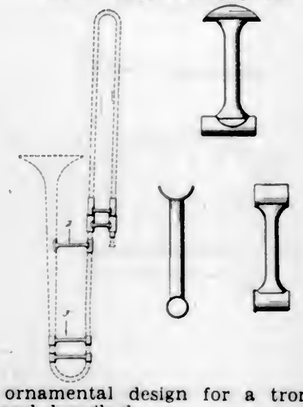
The ornamental design for a handbag as shown and described.

110,492
DESIGN FOR A COAT
Salvatore Lo Prete, New York, N. Y.
Application June 2, 1938, Serial No. 77,519
Term of patent 3½ years



The ornamental design for a coat substantially as shown and described.

110,493
DESIGN FOR A TROMBONE
Reginald B. Olds, Los Angeles, Calif.
Application February 17, 1938, Serial No. 75,218
Term of patent 14 years



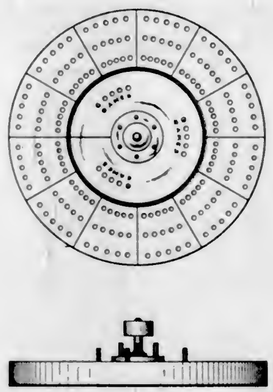
The ornamental design for a trombone, as shown and described.

110,494
DESIGN FOR A PRINTED FABRIC
Shigeo Oshima, Honolulu, Territory of Hawaii, assignor to Fujii Junichi Shoten, Ltd., Honolulu, Territory of Hawaii, a corporation of the Territory of Hawaii
Application May 6, 1938, Serial No. 77,044
Term of patent 7 years



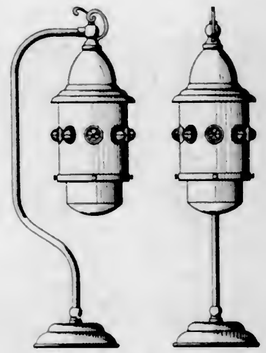
The ornamental design for printed fabric, substantially as shown.

110,495
DESIGN FOR A CRIBBAGE BOARD
Donald Russell Paul, Davenport, Iowa
Application April 2, 1938, Serial No. 76,254
Term of patent 7 years



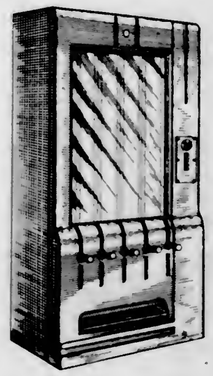
The ornamental design for a cribbage board as shown.

110,496
DESIGN FOR A STANDING LAMP
Sophus A. Pedersen, Omaha, Nebr.
Application April 7, 1938, Serial No. 76,358
Term of patent 7 years



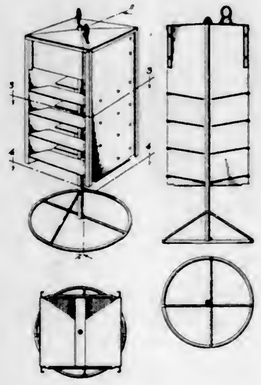
The ornamental design for a standing lamp, as shown.

110,497
DESIGN FOR A VENDING MACHINE
Philip Rich, Oak Park, Ill., assignor of one-third to Abe Tupler and one-third to Charles Kaplan, both of Chicago, Ill.
Application April 15, 1938, Serial No. 76,540
Term of patent 3½ years



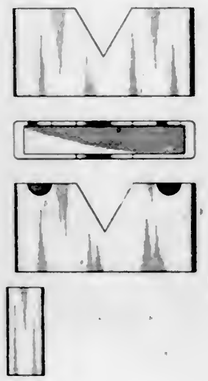
The ornamental design for a vending machine substantially as shown.

110,498
DESIGN FOR A DISPLAY RACK
Albert E. Ritchie, Buffalo, N. Y., assignor to Wildroot Co., Inc., Buffalo, N. Y., a corporation of New York
Application April 15, 1938, Serial No. 76,543
Term of patent 3½ years



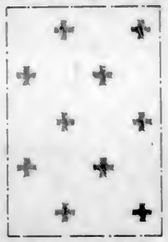
The ornamental design for a display rack, as shown.

110,499
DESIGN FOR A CASING FOR A VANITY MIRROR
Oliver C. Ritz-Woller, Chicago, Ill.
Application May 4, 1938, Serial No. 76,979
Term of patent 7 years



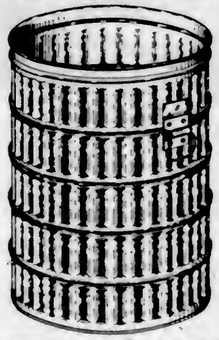
The ornamental design for a casing for a vanity mirror substantially as shown.

110,500
DESIGN FOR A TEXTILE FABRIC
Henry Allen Schubart, Ossining, N. Y.
Application April 14, 1938, Serial No. 76,493
Term of patent 3½ years



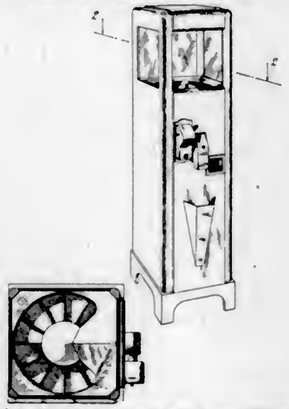
The ornamental design for a textile fabric, substantially as shown and described.

110,501
DESIGN FOR A CAN OR SIMILAR CONTAINER
George A. Sexton, Winchester, Mass.
Application November 24, 1937, Serial No. 73,157
Term of patent 14 years



The ornamental design for a can or similar container as shown and described.

110,502
DESIGN FOR A VENDING MACHINE
Joseph W. Srodulski, Chicago, Ill.
Application May 13, 1938, Serial No. 77,178
Term of patent 3½ years



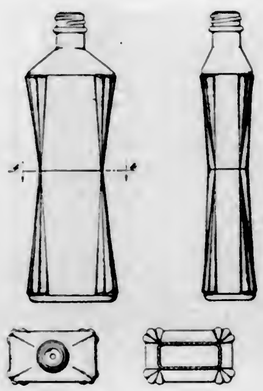
The ornamental design for a vending machine, as shown.

110,503
DESIGN FOR TEXTILE FABRIC
Samuel E. Staines, Ridgewood, N. J.
Application May 12, 1938, Serial No. 77,133
Term of patent 14 years



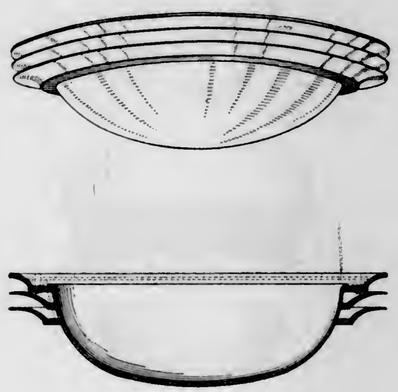
The ornamental design for textile fabric as described and shown.

110,504
DESIGN FOR A BOTTLE
Norman F. Steuer, San Francisco, Calif., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif., a corporation of Delaware
Application May 25, 1938, Serial No. 77,367
Term of patent 14 years



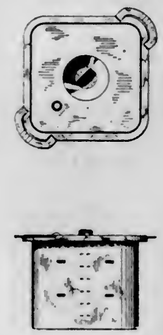
The ornamental design for a bottle substantially as shown.

110,505
DESIGN FOR A LIGHTING FIXTURE OR SIMILAR ARTICLE
Lemuel L. Stewart, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application November 24, 1937, Serial No. 73,178
Term of patent 14 years



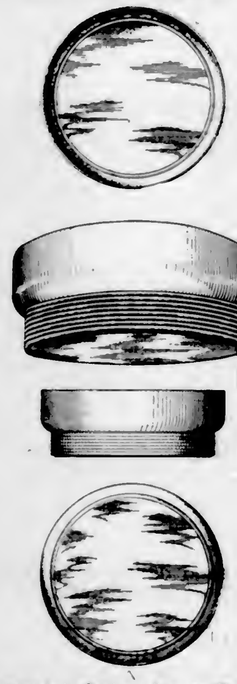
The ornamental design for a lighting fixture or similar article, substantially as shown and described.

110,506
DESIGN FOR A STEAM PRESSURE COOKER
Earl O. Vits, Manitowoc, Wis., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis., a corporation of Wisconsin
Application March 31, 1938, Serial No. 76,204
Term of patent 7 years



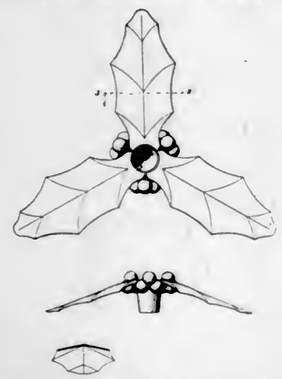
The ornamental design for a steam pressure cooker, as shown.

110,507
DESIGN FOR A DISH OR SIMILAR ARTICLE
Walter von Nessen, New York, N. Y., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn., a corporation of Connecticut
Application November 15, 1937, Serial No. 72,900
Term of patent 7 years



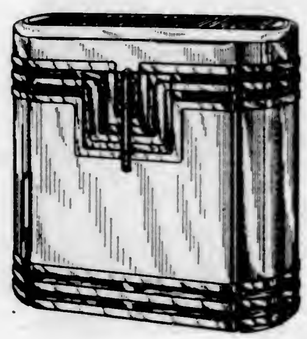
The ornamental design for a dish or similar article substantially as shown and described.

110,508
DESIGN FOR A HOLDER FOR CANDLES OR OTHER ARTICLES
Russell S. Walker, Duluth, Minn.
Application March 21, 1938, Serial No. 76,001
Term of patent 7 years



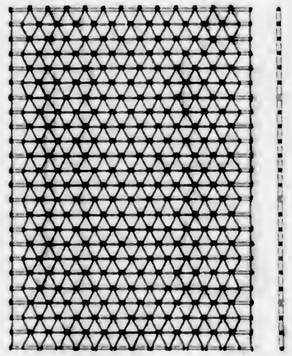
The ornamental design for a holder for candles or other articles, as shown.

110,509
DESIGN FOR A HEATER
Georges Wilmet, Roslyn, N. Y., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application April 25, 1938, Serial No. 76,739
Term of patent 7 years



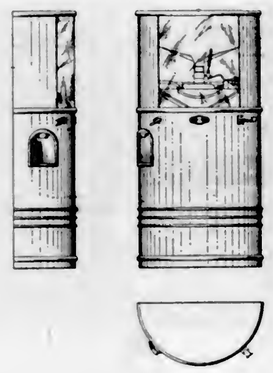
The ornamental design for a heater as shown and described.

110,510
DESIGN FOR A WINDOW GRILLE OR SIMILAR ARTICLE
John F. Winn, Jr., Norfolk, Va., assignor to The J. G. Wilson Corporation, New York, N. Y., a corporation of Virginia
Application July 10, 1936, Serial No. 63,757
Term of patent 14 years



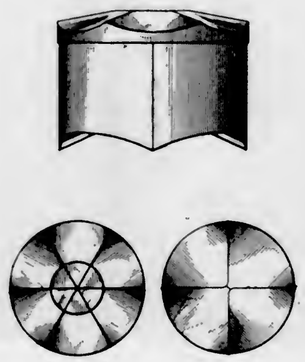
The ornamental design for a window grille or similar article, substantially as shown and described.

110,511
DESIGN FOR A POPCORN VENDING MACHINE
Muriel A. Young, Grosse Pointe Park, Mich.
Application April 20, 1938, Serial No. 76,645
Term of patent 14 years



The ornamental design for a pop corn vending machine, as shown.

110,512
DESIGN FOR A BOX
Edward L. Arneson, Morris, Ill., assignor to Morris Paper Mills, Chicago, Ill., a corporation of Illinois
Application May 5, 1938, Serial No. 77,011
Term of patent 3½ years



The ornamental design for a box substantially as shown.

110,513
DESIGN FOR A BATHROOM TUB STOOL
George B. Bentz, New York, N. Y.
Application April 6, 1938, Serial No. 76,334
Term of patent 14 years



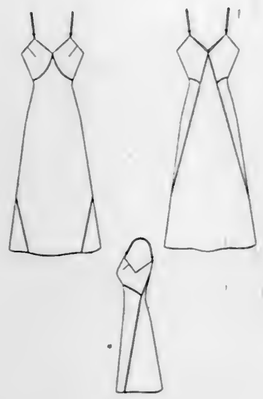
The ornamental design for a bathroom tub stool, as shown and described.

110,514
DESIGN FOR A LACE COLLAR OR SIMILAR ARTICLE
Walter F. Breuss, Leonia, N. J.
Application June 10, 1938, Serial No. 77,729
Term of patent 3½ years



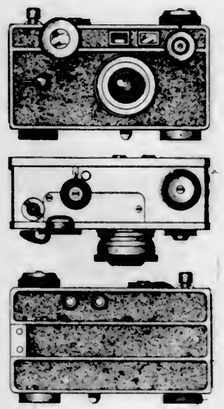
The ornamental design for a lace collar or similar article as shown and described.

110,515
DESIGN FOR A SLIP
Irving Elster, New York, N. Y.
Application June 2, 1938, Serial No. 77,521
Term of patent 3½ years



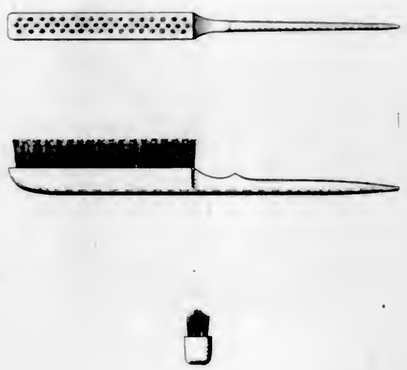
The ornamental design for a slip, substantially as shown.

110,516
DESIGN FOR A PHOTOGRAPHIC CAMERA
Gustave Fassin, Irondequoit, Monroe County, N. Y., assignor to International Radio Corporation, Ann Arbor, Mich., a corporation of Michigan
Application June 2, 1938, Serial No. 77,535
Term of patent 7 years



The ornamental design for a photographic camera, substantially as shown.

110,517
DESIGN FOR A BRUSH
Ralph H. Goldman, New York, N. Y., assignor to Hughes-Autograf Brush Co. Inc., Troy, N. Y., a corporation of New York
Application April 11, 1938, Serial No. 76,439
Term of patent 14 years



The ornamental design for a brush as shown.

110,518
DESIGN FOR A SPARK PLUG
Purvis D. Jackson, Chicago, Ill., assignor to Motor Master Products Company, Chicago, Ill., a corporation of Illinois
Application May 16, 1938, Serial No. 77,237
Term of patent 7 years



The ornamental design for a spark plug as shown.

110,519
DESIGN FOR A BEDSPREAD
Clarence M. Jones, Calhoun, Ga.
Application June 16, 1938, Serial No. 77,862
Term of patent 3½ years



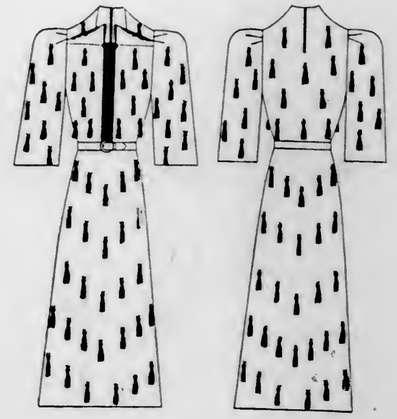
The ornamental design for a bedspread, substantially as shown.

110,520
DESIGN FOR A BEDSPREAD
Clarence M. Jones, Calhoun, Ga.
Application June 16, 1938, Serial No. 77,863
Term of patent 3½ years



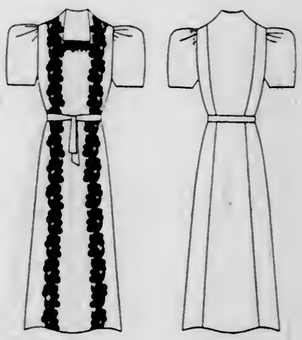
The ornamental design for a bedspread, substantially as shown.

110,521
DESIGN FOR A DRESS
Arnold J. Kalmus, New York, N. Y.
Application June 18, 1938, Serial No. 77,924
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

110,522
DESIGN FOR A DRESS
Celia Kawaller, New York, N. Y.
Application June 20, 1938, Serial No. 77,935
Term of patent 3½ years



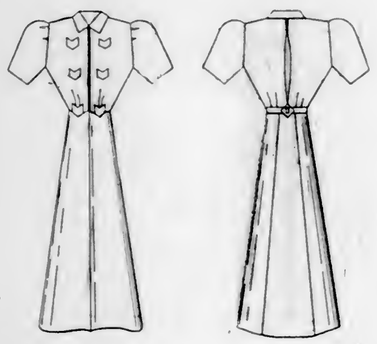
The ornamental design for a dress, substantially as shown and described.

110,523
DESIGN FOR A COAT
Jacob Kinzler, New York, N. Y.
Application March 24, 1938, Serial No. 76,053
Term of patent 3½ years



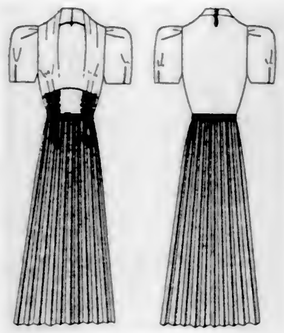
The ornamental design for a coat substantially as shown.

110,524
DESIGN FOR A DRESS
Ruth Kronman, New York, N. Y., assignor to Gross-Sydney Inc., New York, N. Y., a corporation of New York
Application November 20, 1937, Serial No. 73,076
Term of patent 3½ years



The ornamental design for a dress substantially as shown and described.

110,525
DESIGN FOR A DRESS
Herman Kushner, New York, N. Y.
Application June 16, 1938, Serial No. 77,877
Term of patent 3½ years



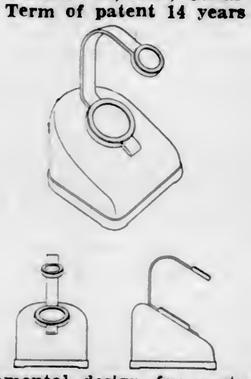
The ornamental design for a dress substantially as shown.

110,526
DESIGN FOR A TRIGGER GUARD FOR FIREARMS
Iver O. Mossberg, West Haven, Conn., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn., a corporation of Connecticut
Application March 9, 1938, Serial No. 75,707
Term of patent 7 years



The ornamental design for a trigger guard for firearms substantially as shown.

110,527
DESIGN FOR A STRAIN TESTING INSTRUMENT
Arne J. Oker, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application March 31, 1938, Serial No. 76,210
Term of patent 14 years



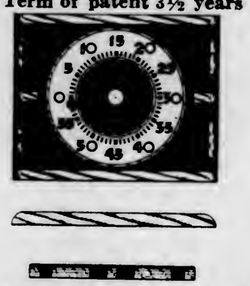
The ornamental design for a strain testing instrument substantially as shown and described.

110,528
DESIGN FOR A VALVE REGULATOR
Frank E. Rice, Detroit, Mich., assignor to American Tap-Bush Company, Detroit, Mich., a corporation of Delaware
Application April 22, 1938, Serial No. 76,696
Term of patent 14 years



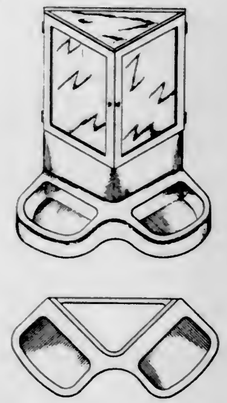
The ornamental design for a valve regulator as shown.

110,529
DESIGN FOR A DIAL PLATE
Marcus H. Rhodes, Hartford, Conn.
Application March 3, 1938, Serial No. 75,549
Term of patent 3½ years



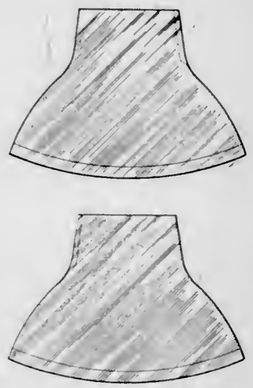
The ornamental design for a dial plate as shown.

110,530
DESIGN FOR A COMBINED DUPLEX CABINET AND WASHBASIN
Sewall Billings Vaughn, Cambridge, Mass.
Application November 24, 1937, Serial No. 73,175
Term of patent 14 years



The ornamental design for a combined duplex cabinet and wash basin, substantially as shown and described.

110,531
DESIGN FOR A TENNIS SKIRT
Clara Mellen, New York, N. Y., assignor to The Jaeger Company Inc., New York, N. Y., a corporation of Delaware
Application February 26, 1938, Serial No. 75,429
Term of patent 3½ years



The ornamental design for a tennis skirt substantially as shown.

Patents Nos. 2,123,866 to 2,124,521

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July 19, 1938

Trade-Marks	240—No.	358,489 to No.	358,728, inclusive.
T. M. Renewals	30		
Labels	35—No.	51,518 to No.	51,552, inclusive.
Prints	9—No.	16,940 to No.	16,948, inclusive.
Reissues	7—No.	20,800 to No.	20,806, inclusive.
Patents	656—No.	2,123,866 to No.	2,124,521, inclusive.
Designs	76—No.	110,532 to No.	110,607, inclusive.
Total	1,053		

Adjudicated Patents

(D. C. N. Y.) Hufford patent, No. 1,537,944, for governor for internal-combustion motors, claims 16 and 20 *Held* valid and infringed. *Handy Governor Corporation* v. *General Carburetor Sales Co.*, 23 F. Supp. 214.

(C. C. A. N. J.) Berg and Imhoff patent, No. 1,579,628, for process of weighting fibers and the product thereof, *Held* invalid. *Evans* v. *Textile Dyeing & Printing Co. of America*, 96 F.(2d) 639.

(D. C. N. Y.) Handy and Bull patent, No. 1,584,929, for governor, claims 3 and 16 *Held* valid but not infringed. *Handy Governor Corporation* v. *General Carburetor Sales Co.*, 23 F. Supp. 214.

(C. C. A. Mich.) Davis patent, No. 1,594,356, for inking roll and method of and apparatus for renewing surface of same, claims 1, 2, and 3 *Held* valid and infringed, and claims 4, 5, 6, and 7 *Held* invalid. *Ideal Roller & Manufacturing Co.* v. *Sutherland Paper Co.*, 96 F.(2d) 675.

(C. C. A. N. Y.) Crossley patent, No. 1,694,341, for magnesium compound and process of producing the same, claims 1 and 3 *Held* invalid. *Plant Products Co.* v. *Charles Phillips Chemical Co.*, 96 F.(2d) 585.

(C. C. A. N. Y.) Lindenblad patent, No. 1,927,522, for antenna for radio communication, claims 9, 10, 19, and 23 *Held* not infringed. *Radio Corporation of America* v. *Mackay Radio & Telegraph Co.*, 96 F.(2d) 587.

(C. C. A. N. Y.) Carter patent, No. 1,974,387, for antenna, claims 15 and 16 *Held* valid and infringed. *Id.*

(D. C. N. Y.) Leibing patent, No. 2,026,947, for method and apparatus for governing flow lines, *Held* invalid and not infringed. *Leibing Automotive Devices* v. *Wildermuth*, 23 F. Supp. 223.

(D. C. N. Y.) Bull patent, No. 2,048,423, for stabilizer for suction governors, claim 17 *Held* valid and not infringed. *Handy Governor Corporation* v. *General Carburetor Sales Co.*, 23 F. Supp. 214.

(D. C. N. Y.) Leibing patent, No. 2,068,298, for method and apparatus for separating an internal combustion engine, *Held* invalid. *Leibing Automotive Devices* v. *Wildermuth*, 23 F. Supp. 223.

(D. C. N. Y.) Leibing patent, No. 2,081,825, for governor, *Held* invalid. *Id.*

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,029,190, C. R. Raney, Phonograph, decided June 22, 1938, claims 141 and 155.

Pat. 2,062,903, J. O. Handy, Dyeing processes, decided June 22, 1938, claims 1 and 2.

Disclaimers

1,584,531.—*Hugh L. Hagan*, Oakland, Calif. Stereopticon Slide. Patent dated May 11, 1926. Disclaimer filed June 22, 1938, by the assignee, *Frank C. Brady*.

Hereby enters this disclaimer to claim 4 of said Letters Patent.

1,969,507.—*Hewitt A. Gehres*, Mount Vernon, Ohio. Compressor Mechanism. Patent dated August 7, 1934. Disclaimer filed June 25, 1938, by the assignee, *The Cooper-Bessemer Corporation*.

Hereby enters this disclaimer to claim 12 of said patent.

2,072,937.—*William P. Beattie*, Norwood, Ohio. Electrical Measuring Means. Patent dated March 9, 1937. Disclaimer filed June 24, 1938, by the assignee, *The American Laundry Machinery Company*.

Hereby enters this disclaimer to claim 8 of said specification.

Condition of Applications Under Examination at Close of Business June 30, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 45,723; Trade-Mark Division, 1,446. Oldest new case, Nov. 2, 1937; oldest amended, Oct. 21, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application awaiting office action: New	Oldest amended application awaiting office action: Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Jan. 28	Jan. 28	791
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Jan. 24	Jan. 19	1,013
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Apr. 12	Apr. 11	418
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Mar. 14	Mar. 18	543
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Mar. 28	Mar. 29	654
4896C	6. LEWERS, A. M., Carbon Chemistry (part)	Feb. 12	Feb. 9	1,018
5725	7. JARBOE, C. G., Optics; Photography	Mar. 10	Mar. 11	902
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Mar. 21	Mar. 21	654
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Apr. 5	Apr. 1	392
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Feb. 8	Feb. 14	874
5037B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Mar. 10	Mar. 10	540
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Dec. 6	†Dec. 3	995
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Feb. 21	Feb. 21	574
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Apr. 8	Apr. 6	541
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Mar. 4	Mar. 4	1,303
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 2	Feb. 2	968
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Feb. 19	Feb. 17	79
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Feb. 16	Feb. 16	329
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 11	Mar. 1	670
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 24	Mar. 22	441
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Apr. 2	Apr. 2	529
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Mar. 30	Mar. 30	649
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 2	†Oct. 21	325
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Apr. 2	Apr. 2	679
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Mar. 23	Mar. 21	603
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Mar. 7	Mar. 8	533
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 13	Jan. 14	1,077
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Apr. 6	Mar. 12	347
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 8	Jan. 5	1,042
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 1	Jan. 31	827
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Apr. 1	Mar. 31	596
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Mar. 24	Mar. 24	582
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Apr. 8	Mar. 30	769
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Mar. 17	Mar. 12	345
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 22	Mar. 28	659
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Feb. 8	Feb. 10	587
5896B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Jan. 13	†Dec. 28	962
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	†Dec. 30	†Dec. 24	839
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Feb. 23	Feb. 28	628
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Feb. 3	Feb. 3	1,496
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Mar. 22	Mar. 12	292
5882	42. CUTTING, H. O., Electric Signaling	Jan. 3	†Dec. 1	804
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 23	Mar. 23	616
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Feb. 1	Feb. 2	723
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Feb. 24	Feb. 19	786
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Mar. 3	Mar. 5	563
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Mar. 7	Mar. 4	676
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Mar. 15	Mar. 21	479
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 3	Jan. 3	1,014
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Mar. 25	Mar. 25	662
5628	51. BACKUS, C. D., Radiant Energy	Mar. 26	Mar. 26	829
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Mar. 11	Mar. 16	830
6997	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Mar. 5	Mar. 8	690
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Apr. 30	Apr. 30	432
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Feb. 1	Feb. 1	1,054
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Jan. 31	Jan. 31	1,045
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Mar. 8	Mar. 5	494
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 21	387
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Mar. 30	Apr. 1	584
5896	60 GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Feb. 18	Feb. 18	548
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 1	Feb. 1	703
5621	62. PUGH, E. C., Games; Geometrical Instruments	Mar. 28	Apr. 1	590
4988	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Apr. 15	Apr. 16	321
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Feb. 21	Feb. 21	1,233
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 2	Feb. 3	677
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	June 1	June 15	1,233
	{Labels and Prints	June 2	June 15	213
2605	Designs: H. H. KALUPY	June 2	June 17	597

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE RINGLE

No. 3,899. Decided February 7, 1938

[94 F.(2d) 225]

PATENTABILITY—ACOUSTIC DEVICES.

Claims of an application relating to acoustic devices for use in the reproduction of sound *Held* properly rejected as not supported by the disclosure in the application, and certain of these claims also *held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. H. G. Grover, Mr. J. G. Norton, and *Mr. D. J. Bonett* for Ringle.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, *J.:*

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting claims Nos. 13, and 22 to 46, inclusive, of appellant's application.

Before us appellant moved to dismiss the appeal with respect to claims 13, 22, 23, 24, and 42, which motion will be granted. Of the claims remaining for consideration, claims 25, 40, 43, and 46 are illustrative and read as follows:

25. A sound reproducer having a conical diaphragm, a magnetic driving means for said diaphragm, and means for supporting said diaphragm, said supporting means including a flexible support having a plurality of members, said members being non-radial with respect to the axis of said diaphragm, and inclined in a common direction with respect to their corresponding radii.

40. In a loudspeaker of the electro-magnetic type, the combination of a coil adapted to move in a magnetic field, and a support for said coil having spirally disposed flexible portions extending from said coil to a fixed location, said flexible portions being of a length greater than the radial distance between said coil and said fixed location.

43. A sound reproducer having a conical diaphragm, a magnetic driving means for said diaphragm, and means for supporting said diaphragm, said supporting means including a flexible support having a plurality of members, said members being formed by openings non-radial with respect to the axis of said diaphragm, and inclined in a common direction with respect to their corresponding radii.

46. In a loudspeaker of the electro-magnetic type, an element adapted for reciprocal movement, and yielding supporting means for said element comprising a plurality of flat strips of flexible material separated by spirally disposed openings, said flat strips of flexible material extending from points at which they are secured for movement with said element to a support and being disposed in a plane substantially at right angles to the direction of movement of the element.

But one reference was cited, Kellogg, 1,707,617, issued April 2, 1929. This patent relates to a loudspeaker and, among other things, discloses a spider "provided with a plurality of resilient arms" extending in directions substantially parallel to the axis of what is termed in the patent the "pole piece." Said arms are all connected by radially extending links with the top of the diaphragm. These links are described as "spokes" by the Examiner in his statement.

The claims before us are 25 to 41, inclusive, and 43 to 46, inclusive; the grounds of rejection of these claims will be hereinafter stated.

Appellant's application relates to acoustic devices for use in the reproduction of voice, music, or other signals, and discloses a sound reproducer having a conical diaphragm with a magnetic means for driving said diaphragm. A support for the diaphragm is shown, including a flexible disk with spirally cut holes therein. It is this disk that is here in controversy.

Claims 25 to 41, inclusive, were copied from a patent to one Metcalf, No. 1,881,324, issued October 4, 1932, upon an application filed October 26, 1927. Appellant's application was filed March 21, 1928, but was stated to be a division of a co-pending application filed by appellant and one John P. Minton on July 20, 1925.

On March 10, 1933, an interference was declared between appellant's application here involved and Metcalf's patent, three counts forming the issue, said counts consisting of claims 25, 26, and 27 of appellant's application, copied from claims 7, 11, and 13 of Metcalf's patent.

Appellant was given the date of his parent application for conception and reduction to practice of the invention embodied in said three counts, and hence became the senior party in the interference.

The decision of the Examiner of Interferences states that, in response to an order to show cause, Metcalf moved to dissolve the interference on the ground that appellant was not entitled to make the counts in issue, and appellant sought to amend the issue by the addition of proposed counts 4 to 17, inclusive, all of said proposed counts being claims copied from Metcalf's patent. It appears from the decision of the Examiner in the instant proceedings that proposed counts 4 to 17, inclusive, were claims 29 to 42, inclusive, of appellant's application here involved. Metcalf opposed said motion to amend upon the ground that Ringel's disclosure did not support the proposed counts.

The Examiner of Interferences granted Metcalf's motion to dissolve, and denied Ringel's motion to add the new counts to the issue.

Upon appeal the Board of Appeals affirmed the decision of the Examiner of Interferences and the interference was dissolved. Appellant thereupon prosecuted the said claims ex parte.

Said claims 25 to 41, inclusive, were rejected by the Examiner upon the ground that appellant is not entitled by his disclosure to make them. Claims 43 to 46, inclusive, were filed after the termination of said interference with Metcalf. The Examiner rejected them upon the ground that appellant should have presented them during said interference, and, having failed to do so, is now estopped from presenting any claims reading upon the Metcalf disclosure, and that said claims do read upon such disclosure. These claims were also rejected upon the ground that they are not supported by appellant's disclosure, and as failing to define invention over the prior art.

Upon appeal the Board of Appeals affirmed the decision of the Examiner upon all points except as to the rejection of claims 43 to 46, inclusive,

by the Examiner on the ground of estoppel. With respect to this ground of rejection the Board stated:

> Appellant has also submitted four claims (43 to 46 inclusive), which were not before us in the inter partes appeal and these claims specify in effect that the openings are spirally or non-radially disposed instead of calling for the spiral arrangement of the connecting portions of the disk. However, appellant is obviously attempting to cover the same structure in slightly different phraseology and we consider that for the same reason that he is not entitled to the claims which were considered by us during interference, he is not entitled to these new claims. We do not feel justified, however, in affirming the Examiner in holding that appellant is necessarily estopped to make these claims, inasmuch as he was in interference with a patent and these are not claims of that patent.

It will be observed from the above quotation that the Board of Appeals found that said claims 43 to 46, inclusive, were not supported by appellant's disclosure, but declined to affirm their rejection by the Examiner upon the ground of estoppel.

While the Solicitor for the Patent Office contends that the refusal of the Board to affirm the rejection of the claims upon the ground of estoppel was not equivalent to a reversal of such action, we are of the opinion that it should be so construed, and under the doctrine announced in the case of *In re Tucker & Reeves*, 19 C. C. P. A. (Patents) 810, 54 F.(2d) 815, 1932 C. D. 117, 416 O. G. 286, the question of estoppel is not before us. However, nothing herein contained should be construed as approval of the reasons given by the Board of Appeals for refusing to affirm the rejection of said claims by the examiner upon the ground of estoppel.

In view of the foregoing, the only remaining question before us is whether the involved claims are supported by appellant's disclosure, and, as to certain of them hereinafter discussed, whether they were properly rejected upon the Kellogg reference.

Claims 25 to 29, inclusive, 30 to 33, inclusive, and claim 35 contain the element of a flexible support having a plurality of members non-radial with respect to the axis of the diaphragm. It was the view of the Patent Office tribunals that appellant's application does not disclose this element.

As hereinbefore stated, all of said claims were copied from the patent to Metcalf. This patent discloses a disk having spiral openings therein creating flexible members so arranged that, as the disk is flexed, a certain amount of rotary movement occurs. These spiral openings are so created as to leave portions of the disk between its outer edge and center, of such shape that none of them are radial; that is to say, at no point could a radial line be drawn from the center of the disk to the outer edge thereof without crossing a spiral opening. Substantial portions of both the center and outer areas of the disk are left intact, the spiral openings and flexible arms occupying the space between. These arms are described in Metcalf's disclosure as non-radial, and we think that the claims require that no substantial portion of the arms shall be radial—that is, radially extending from the center to the circumference of the disk, for, as stated in the patent, it is the non-radial character of the arms which assures their flexibility.

We find nothing in appellant's application requiring that the arms of the disk, if such there be, shall be non-radial, and the only reference to that portion of the disk in the written specification is the following:

> • • • Numeral 23 denotes a flexible disc with spirally cut holes to give it added resilience and is fastened at its center by means of screw or rivet 24 to the middle pole or magnet 25 and helps to center the vibrating system.

Figure 1 of the drawings of appellant discloses a small disk with spiral openings therein. In the interference between appellant and Metcalf it was held that the spiral openings in appellant's drawings did not make the intervening portions of the disk nonradial in character. As hereinbefore indicated, there is nothing in the written description of appellant with respect to the size of the openings, other than their purpose to give added resiliency to the disk.

In appellant's brief we find the following:

> Apparently, the proportions shown in the drawing are merely the result of a draftsman's selection rather than the embodiment of an intention to represent the device to scale. Generally, for the purposes of prosecution before the Patent Office, it is not necessary for the drawings to be drawn to scale, and unless they are specifically stated to be so, or unless by their nature they could not be otherwise, they are not taken as so drawn, but are considered merely as representing the general relationship of the various elements therein shown.

We agree with the foregoing statement, and it follows that the spiral openings might be much larger or much smaller than those shown in appellant's drawings, and the so-called arms of the disk might be either radial or non-radial, so far as the specification is concerned.

It is our conclusion, with respect to the group of claims in this branch of the case, that appellant's application does not disclose a disk having non-radial members, either within the common meaning of that term, or within the meaning of the term as used by Metcalf in his patent, from which the claims were copied.

We will next consider claims 34, 36, 37, 39, and 41. None of these claims contains the limitation of non-radial members, but each provides, in one form or another, that during the axial movement the disk arms are subjected to a "twisting strain" permitting a rotary movement of the disk.

It was the view of the Patent Office tribunals that the radial portions of the disk disclosed by appellant would prevent rotary movement thereof. There is found in the record an affidavit by one Harry F. Olson. In its decision the Board of Appeals discussed this affidavit as follows:

> Appellant has filed an affidavit as to a test which was made on the disk which he regards as having the structure shown in his application. The affidavit states that some rotary movement occurred when the disk was flexed. No comparison is referred to in the affidavit between the amount of rotary movement resulting from the flexing of a disk similar to that shown by Metcalf and that shown by appellant. Even if the disk employed in the test can be accepted as substantially the same as that disclosed by appellant, we have no proof that such rotary movement as occurred would be sufficient to cause any substantial improvement over a disk having curved openings but with both ends of the openings at equal distances from the center of the disk. We still are of the opinion, therefore, that the short spiral openings disclosed by appellant are not of such a nature as to permit material rotary movement and that appellant should not be allowed claims which would dominate the Metcalf patent, as to a structure having this characteristic.

We are in agreement with the quoted statement of the Board. Upon oral argument the testing device described in the affidavit was exhibited to the court by appellant's counsel, with the consent of the Solicitor for the Patent Office, and we are satisfied that any rotary movement of a disk such as disclosed by appellant would be negligible. It is significant, too, as observed by the Board, that said affidavit refers to no comparison between the amount of rotary movement resulting from the flexing of a disk such as is disclosed by Metcalf, and that shown by appellant. We are satisfied that the Metcalf disk is so constructed as to permit of a substantial rotary movement, while that of appellant's disk is negligible, and, considering the object of a substantial rotary movement, the difference between the two disks is more than one of degree. While the rotary movement of the Metcalf disk is itself slight, ordinarily speaking, it is substantial for the purpose sought to be accomplished.

We are of the opinion that this group of claims, Nos. 34, 36, 37, 39, and 41, were properly rejected for the reasons stated by the Board of Appeals.

We next consider claims 43 and 44. These claims, instead of describing the members or arms of the disk as non-radial, as do the claims of the first group herein discussed, describe said members or arms as being formed by openings non-radial with respect to the axis of the diaphragm.

We are in agreement with the Board that in these claims appellant is obviously attempting to cover, in slightly different phraseology, the same structure as is set forth in the claims hereinbefore discussed. It is the members or arms of the disk formed by the openings in the disk that is material, and the openings themselves have no purpose other than to describe such members. It was evidently the view of the Board of Appeals that these claims should be construed as calling for structure resulting in non-radial arms, and certainly, if the claims be so regarded, their rejection is warranted for the reasons advanced with regard to claims which specifically claim non-radial arms. However, as a matter of fact, a claim calling for merely non-radial openings does not specifically characterize the resulting arms. Such non-radial openings might be of such size and so positioned as to result in intervening arms that are substantially radial, which is the structure shown in appellant's drawing; on the other hand, they may be so positioned and of such size as to actually result in non-radial arms, as in Metcalf. If the claims be construed as calling for non-radial arms, then their rejection is justified as above stated. On the other hand, if they be construed as calling for arms which are substantially radial, the following discussion of the claims contained in the letter of the Examiner is pertinent:

> The rejection of claims 43 and 44 as misdescriptive for the same reason as corresponding claims 33 and 38 were rejected is repeated. Since the arms of the applicant's supporting spider have a substantial radial component they are substantially the equivalent of radial arms. The fact that the openings between the arms may not be radial as specified in claims 42 and 44 is not seen to be material. Applicant is claiming a supporting device of which the arms are a portion and it is the character of these arms which is relevant.

Obviously the reference to claim 42 is an error, and should read 43.

So, if the claims be construed as calling for a supporting structure having substantially radial arms, then they were properly rejected, since in such event they are not patentably distinct from Kellogg, for reasons discussed hereinafter in disposing of claims 45 and 46. We interpret the above discussion of the Examiner as a like holding as to claims 43 and 44, it being assumed by him that if the disk has radial arms, claims 43 and 44 are unpatentable for the reasons specifically set out in his discussion of claim 46.

There remain for consideration claims 38, 40, 45, and 46. Claims 38 and 40 were grouped by the Examiner with claims 24 to 42, and they were not separately discussed by him; neither were they separately discussed by the Board of Appeals. Claims 38 and 40 are distinguished from other claims by the recital therein that the disk has spirally disposed flexible portions extending from the coil to a fixed location, said flexible portions being of a length greater than the radial, or straight-line, distance between said coil and said fixed location. It is our opinion that neither appellant's written specification nor his drawings disclose spirally disposed arms of a length greater than the radial distance between the coil and the fixed location. We think from appellant's drawing the length of the so-called arm would in fact be the radius from the coil to the fixed location, and that in determining its length the concave and convex portions thereof would not be measured. We believe these claims are similar in substance to the claims in the first group, and were properly rejected for lack of disclosure in appellant's application.

Claims 45 and 46 are broader than any of the claims hereinbefore discussed. With respect to claim 45 the Examiner in his statement said:

> Claim 45 refers to openings that define flexible portions that are so shaped that their flexibility is increased. Since the flexible portions are substantially radial their flexibility is not increased over that of radial arms. No basis for comparison of the flexibility is set out in the claim but probably a radial-armed spider was meant to be the basis of comparison.

We construe this statement as holding that the claim is unpatentable because there is no patentable distinction between the flexible portions of the disk described in the claims and a radial-armed disk disclosed in the prior art, which, so far as this case is concerned, is the Kellogg patent, which shows radial arms. While the Examiner may have been mistaken as to his assumption of the basis of comparison, and the claim should perhaps be construed as requiring simply that the disk would have greater flexibility with spirally disposed openings than it would have without such openings, we think that the spirally disposed openings disclosed by appellant would not necessarily give greater flexibility to the disk than a radial-armed disk disclosed by Kellogg would possess, and we therefore affirm this ground of rejection.

One of the grounds of rejection of claim 46 by the Examiner was that it is not patentable over Kellogg. Said Examiner in his statement said:

> Claim 46 is rejected as not patentably defining over Kellogg. It defines the spider arms as "a plurality of flat strips of flexible material separated by spirally dis-

posed openings". In view of the interpretation of the Examiner of Interferences as affirmed by the Board of Appeals, these strips are, in fact, substantially radial. Hence, the spokes 14 of Kellogg's device are their full equivalent. The limitation that the strips are flat is not regarded as a patentable distinction over Kellogg's member 14 since no new result follows from this flattening.

We agree with this ground of rejection, for in our opinion the spokes of Kellogg are the full equivalent of the strips recited in claim 46.

It is true that the Board of Appeals in its decision did not specifically affirm these grounds of rejection of claims 43, 44, 45, and 46 by the Examiner. The Board's decision was a general affirmance of all the Examiner's grounds of rejection of all the claims, except as to claims 43 to 46, inclusive, upon the ground of estoppel. Under the rule announced in the case of *In re Wagenhorst*, 20 C. C. P. A. 991, 64 F.(2d) 78, 1933 C. D. 334, 433 O. G. 223; the ground of the Examiner's rejection of claims 43, 44, 45, and 46 upon the Kellogg patent is before us for consideration, and we hold that said last-mentioned claims were properly rejected as not patentably distinct from the disclosure in the Kellogg patent.

The motion to dismiss the appeal as to claims 13, 22, 23, 24, and 42 is granted. For the reasons stated herein, we find that all of the remaining claims before us were properly rejected, and the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE WADMAN

No. 3,872. Decided February 28, 1938

[94 F.(2d) 993]

PATENTABILITY—METHOD AND APPARATUS FOR FORMING GLASSWARE.

Certain claims for a method and for an apparatus for forming glassware *Held* unpatentable over the prior art, and a certain other purported method claim *Held* unpatentable as setting forth nothing more than a function of the machine.

APPEAL from Patent Office. Affirmed.

Mr. R. D. Brown and *Mr. S. F. Parham* (*Mr. V. M. Dorsey* of counsel) for Wadman.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming in all but two claims the decision of the Examiner which rejected claims 1 to 20, 22, 28 to 33, and 36. Claims 17 and 19 were allowed by the Board. Ten apparatus claims, including 17 and 19, have been allowed.

During the oral argument here, appellant moved to dismiss the appeal with respect to claims 1 to 5, inclusive, 11, 13, 14, 15, 29, 30, 31, and 33, which motion will be granted.

Of the claims remaining for consideration, claims 7, 16, and 36 are illustrative, and read as follows:

7. The method of forming a succession of hollow glass articles in a forming unit comprising a blank mold and a final blow mold cooperating solely with each other, which comprises successively and sequentially supplying a series of charges of plastic glass to the blank mold at the ends of uniform time intervals, successively and sequentially forming all the charges in the blank mold into parisons in uniform periods of time, supporting all the parisons so formed out of contact and out of registry with either the blank mold or the blow mold for reheating, successively and sequentially blowing all the reheated parisons to final form in the blow mold in uniform periods of time, and so timing the various operations of the forming unit in the forming of a series of articles that at one time during each cycle of operation of the blank mold at least three charges of glass will be in the process of formation into glass articles, one having been supplied to the blank mold and being enclosed thereby, a second, which was previously formed into a parison in said blank mold reheating as aforesaid, and a third which was still earlier formed into a parison in said blank mold being enclosed within said final blow mold.

16. Apparatus for forming hollow glass articles, comprising a blank mold adapted to be supplied with charges of plastic glass, a blow mold, means for forming a charge of glass supplied to said blank mold into a parison therein, means for removing a parison so formed from the blank mold and for suspending it for reheating out of contact and out of registry with any body mold surface and thereafter for moving the reheated parison to a position to be enclosed by the blow mold, means for blowing a reheated parison to final form in the blow mold, and means for timing the operations of all the aforesaid means in such manner that there is a time during each cycle of machine operation in which at least three charges of glass, all of which were supplied to said blank mold, are in the process of formation.

36. The method of forming a succession of hollow glass articles, which comprises supplying a series of charges of plastic glass to a blank mold which is in neck-down position, successively forming the charges in the blank mold into parisons, inverting the parisons so formed by the application of forces thereto to invert the parison while maintaining the center of inversion always between two planes both perpendicular to the longitudinal axis of the parison and passing respectively through the opposite ends thereof and thus bringing the parison to a neck-up position, supporting the parisons so formed out of contact and out of registry with any body mold surface for reheating, transferring the parisons to a final blow mold, blowing the reheated parisons to final form therein, and so timing the various operations on a series of charges of glass that at one time at least three charges of glass will be in the process of formation into glass articles: one having been supplied to the blank mold and being enclosed thereby, a second, which was previously formed into a parison in said blank mold, reheating as aforesaid, and a third, which was still earlier formed into a parison in said blank mold, being enclosed within a final blow mold.

The claimed invention relates to a method and apparatus for forming glassware. It is described in the Examiner's statement, omitting the numerals, as follows:

The claimed invention relates to a method and apparatus for forming glassware. The apparatus comprises a base upon which is mounted a casting. The casting supports a blank mold and a blow mold. Each of these molds is made in two sections and means including pneumatic motors are provided for opening and closing these molds. Located centrally between these molds is a means for supporting two neck molds. These neck molds are supported and operated in the same manner, and each one at times cooperates with the blank mold to aid in the formation of the parison after which this neck mold is moved to a dwell position wherein the parison formed in the blank mold is permitted to reheat and air is blown into the parison, after which this neck mold is again moved in the same direction and transfers the parison to the blow mold where it is blown to final form. This neck mold is then returned for cooperation with the blank mold. The parison is formed in the blank mold in inverted or neck down position and during the movement of the parison from the blank mold to the dwell position it is reverted to the neck up position. Both neck molds operate in the same manner and the operations of the machine are so timed that when one neck mold cooperates with the blank mold the other neck mold is at the dwell position with the parison previously formed in the blank mold while the blow mold holds the parison formed previous to the two mentioned above. This appellant designates as the "triple overlapping cycle." That is, three parisons are in the various stages of formation into a finished bottle on the machine at the same time, one being formed in the parison mold, another being at the dwell position where it is reheating and is being expanded and a third being in the blow mold where it is being shaped to final shape.

In order to accomplish the transfer of the parisons from the blank mold to the blow mold in the manner stated without interference, the two neck molds move along different paths and they are for this purpose mounted upon an oscillating support. The support is oscillated by means of air motor connected thereto by means of arm and a shaft depending from the support. The machine is also provided with the usual elements which cooperate with the molds in the formation of a bottle. These, for example, are the neck pin, settle blow head cooperating with the blank mold, blow head cooperating with the blow mold and the means for moving the neck molds to their various positions comprising motor operated rack bars. Means are also provided for opening and closing the neck molds at the proper time. A blowing means is provided at each of the separate dwell positions of the two neck molds to expand the parison while reheating. The various elements are caused to operate at the proper time by the timing means.

The references cited are: Wilzin, 1,297,981, March 18, 1919; Stuckey, 1,506,687, August 26, 1924; Canfield, 1,609,691, December 7, 1926; Ingle, 1,843,160, February 2, 1932; Ingle, 1,911,119, May 23, 1933; Peiler et al., 1,944,844, January 23, 1934; Rowe, 1,945,983, February 6, 1934.

The machine disclosed in the instant application purports to be an improvement on the machines disclosed in the Ingle patents, supra, the difference between the machine of the appellant and those of the reference patents being well stated by the Examiner as being—

that the machine of the patent is provided only with a single neck mold for each blank mold and blow mold and the parison is transferred from the blank mold directly to the blow mold without an intermediate dwell and the reheating of the parison takes place mainly while it is in the blow mold though it may take place partly in the blank mold and partly in the blow mold.

All of the claims before us, with the exception of claim 36, were rejected on the prior art. The method claims on this appeal are 6 to 10, inclusive, 12 and 36, and the apparatus claims 16, 18, 20, 22, 28, and 32.

The Examiner and Board of Appeals both held that certain features of appellant's claims were not patentable over Stuckey, and that the reheating out of contact and out of registry with either the blank mold or the blow mold is disclosed in Canfield and Wilzin.

Method claims 6 to 10, and 12, and apparatus claims 16, 20, 28, and 32 were rejected on the patent to Stuckey in view of Wilzin and Canfield. These claims, with the exception of claim 20, were also rejected on Canfield alone.

The device in the Stuckey patent discloses a three-mold machine, a stationary blank mold, an intermediate blank finishing mold, and a stationary blow mold. The intermediate mold, in which the blank may be partially blown is about half way in function between the blank mold and the blow mold. Neck rings are presented successively to the three molds. Thus it will be noted there would be in the Stuckey machine three articles at one time all in the course of formation, a blank in the blank mold, a previously formed blank in the intermediate mold, and another blank having been transferred from the intermediate mold being finished in the blow mold.

The Canfield patent provides for a rotating turret type of machine, on which are provided a single blank mold, six mechanisms, each including a spindle head to which the glass is attached through the formation of the articles, a neck mold, and a blow mold. The parison is made in the blank mold in cooperation with the neck mold. After having been removed from the blank mold, the parison is supported by the neck mold in open air out of contact with any body mold while it is reheated, and is then transferred to the blow mold where it is blown into final form. The Examiner held that this reheating is done out of contact and out of registry, while the Board observed in its first decision that the reheating is out of contact but not strictly out of registry. In this machine, several glass articles, at least three, are in process of formation at one time.

The Wilzin patent provides for a two-mold glass-making machine with a single neck ring reciprocating with the blank mold and the blow mold. After the parison has been formed in the blank mold it is transferred to the blow mold suspended from the neck ring, and while between the molds it is allowed to reheat and elongate free from contact with any body mold. Wilzin apparently has but one article in course of formation at any one time.

Appellant, in his brief, states that illustrative claim 16 expresses the apparatus claims most broadly, as requiring—

(1) A blank mold,
(2) A blow mold,
(3) Means for forming the charge into a parison in the blank mold,
(4) Means for removing a parison formed in the blank mold and for suspending it for reheating out of contact and out of registry with any body mold surface, and thereafter for moving the reheated parison to a position to be enclosed in the blow mold,
(5) Means for blowing the reheated parison to final form,
(6) And timing means for timing the operations "in such manner that there is a time during each cycle of machine operation in which at least three charges of glass, all of which are supplied to said blank mold, are in process of formation."

On the oral argument, counsel for appellant admitted that (1), (2), (3), and (5) are not novel. With respect to (4), the patents of Wilzin and Canfield clearly disclose suspension and reheating out of contact with any body mold. The timing means as set forth in (6), by which at least three charges of glass are in process of formation, is likewise clear in Stuckey and Canfield.

As we understand it, all glass blowing machines, in which there are several successive stages of formation, the synchronizing of the different operations must be governed by timing means.

While Stuckey did not anticipate the part of the claim "out of contact and out of registry with any body mold," the Board held that the Examiner correctly contended that since this feature is known in the art in generally similar relation, invention is not involved in utilizing it in Stuckey's machine. The Examiner reasoned that—

there would be no invention in dispensing with the mold 15*b* [the intermediate mold] of Stuckey especially in view of the teaching of either Wilzin or Canfield. As shown in Figs. 9 and 10 of Wilzin, the parison formed in the blank mold 66 is supported by means of the neck mold 55 at a point intermediate the blank mold 66 and blow mold 72 out of contact and out of registry with any body mold where the parison is reheated and blown, after which the parison is transferred to the blow mold 72 where it is blown to final shape. The Canfield patent discloses a receiver or blank mold 87, a neck mold 222, and a plurality of blow molds 249. The parison is formed in the blank mold in cooperation with the neck mold. The parison is then removed from the blank mold and supported by the neck mold in open air out of contact and out of registry with any body mold and then the parison is transferred to the blow mold where it is blown to final shape. Appellant in one of his arguments states that a certain amount of heat must be extracted from the glass by the molds before the bottle is finished and that whereas Stuckey uses three molds to extract this amount of heat, he will have difficulty in extracting a sufficient amount of heat from the molten glass if the intermediate mold 15*b* were dispensed with. However, making a bottle by the use of only two molds is the common method used in the art. Moreover, since neither Wilzin nor Canfield has,

apparently, found any difficulty in extracting a sufficient amount of heat from the glass by the use of only two molds, it is not seen why Stuckey should have any difficulty in extracting a sufficient amount of heat from the glass if his intermediate mold were dispensed with and the parison reheated and blown in open air.

The Board of Appeals, in its final decision denying appellant's petition for reconsideration of the Board's former decision, set forth very clearly the meaning it attached to the phrase "out of registry":

The particular wording of the definition "out of registry" in applicant's specification is noted but actually it seems that any difference in this respect is more a mere difference in words than in merits. As a function, if the blank is out of contact with the blank mold and other molds during reheating, it is effectively out of registry whether strictly out of position to be enclosed should such molds be closed. The essential feature is that it is exposed to the atmosphere or free from contact of good heat conductors. This is true in Canfield both as to the blank mold and the blow mold during reheating. As a single feature it is disclosed by Wilzin also.

This seems to us to be a reasonable and proper construction. We are of opinion that rejected claims 16, 28, and 32 fail to define invention over Stuckey taken with Canfield or Wilzin.

Apparatus claims 18 and 22 were likewise rejected by the Examiner on Stuckey in view of either Wilzin or Canfield. These claims recite that the settled charge of glass is counterblown to form a hollow parison while in the blank mold. This feature is not disclosed by Stuckey. The Examiner held, however, that since in the cycle of operating the machine of Stuckey there are three bottles in process of formation, the

"cycle is not affected by the presence or absence of the step or means of counterblowing the parison while it is in the blank mold. Also the presence or absence of the step or means for counterblowing the parison has no effect upon the presence or absence of the intermediate mold 15*b* of Stuckey. Each functions independently of the other."

As a further reason for rejecting claims 18 and 22, the Peiler reference was cited by the Examiner and the Board. Figures 12 to 15 of the Peiler patent clearly show counterblowing of the charge in the blank mold. Surely it would require no exercise of invention to provide controlled air passages through the neck mold and plunger of the Stuckey machine to accomplish the counterblowing of the parison while it is in the blank mold.

The Board of Appeals held these rejections to have been warranted and we are in accord with its decision.

Apparatus claim 20 was also rejected by the Examiner on Stuckey in view of either Wilzin or Canfield, but more particularly on the Rowe patent. This claim discloses a specific feature which consists of a plunger which enters the glass in the blank mold and forms a slight depression in the bottom of the glass. The Examiner held that the means for compacting glass in the blank mold is independent of the presence or absence of the intermediate mold 15*b* of Stuckey, and that furthermore the plunger type of compacting glass is not new and could without invention have replaced the compacting means of Stuckey without changing the cycle of his machine. An inspection of Figures 2 and 3 of the Rowe patent shows this clearly. Since it appears that no new or unobvious result is achieved we must agree that the decision of the Board of Appeals affirming that of the Examiner is proper.

The Peiler and Rowe references do not require discussion by us, as the appellant did not brief or refer to them, and in no way pointed out in what way they should not be considered. *In re Buttolph*, 22 C. C. P. A. (Patents) 802, 73 F.(2d) 936, 1935 C. D. 166, 454 O. G. 283. Both of these references, however, appear to be so effective in the decisions of the Examiner and the Board that we deem them enlightening to this opinion.

From what has been hereinbefore stated, it is apparent that some features of appellant's claims are disclosed in the Stuckey patent, such as three articles all in course of formation at one time, and that other features, such as reheating out of contact with any body mold, are disclosed in Canfield and Wilzin. It seems clear to us that putting these features together and dispensing with the intermediate mold of Stuckey would be obvious to one skilled in the art.

We think the law cited by the Solicitor for the Patent Office, applicable to the matter before us of combining references, is appropriately expressed by this court in *In re Cordes*, 22 C. C. P. A. (Patents) 1158, 76 F.(2d) 302, 1935 C. D. 522, 459 O. G. 931, as follows:

In passing upon the patentability of combination claims we have frequently combined references and held that, in view of such references, an alleged new combination would be obvious to one skilled in the art, and hence unpatentable. • • •

See, also, *Mantle Lamp Company* v. *Aluminum Products Co.*, 301 U. S. 544, 86 F.(2d) 509.

Appellant claims that a new and better result would be obtained by the device and method of the appealed claims, and that this result would be obtained by—

"new arrangement of parts and steps differing substantially from anything disclosed in any or all of the three patents employed in the proposed combinations."

Appellant may have a new and better machine, but that is not sufficient to attach patentability to his rejected claims. This is the settled law, as we held in *In re Rauber*, 22 C. C. P. A. (Patents) 1117, 76 F.(2d) 304, 1935 C. D. 481, 459 O. G. 7, quoted in the brief of the Solicitor, as follows:

The old elements which appellant has combined serve no different purpose than they did in the cited patents. The mere fact, if it be a fact, that appellant has a better boiler does not necessarily imply invention. Mechanical skill alone may assemble or combine desirable features of the prior art and obtain better results than have ever been obtained, but the patent laws afford no reward for such improvement. • • •

Appellant contends that the rejection on the combination herein is contra to the opinion of this court in *In re Wells*, 19 C. C. P. A. (Patents) 707, 710, 53 F.(2d) 537, 1932 C. D. 40, 414 O. G. 4. We do not agree with this contention. In the Wells case, supra, the Patent Office read one reference upon the other so that—

"if the Pyles ratchet clutch were fitted to the Kemmerdiner device, and should then be run backwards, appellant's device was fully anticipated."

There is no such far-fetched building up in the instant matter. Here the reheating out of contact and registry is clearly disclosed by both Wilzin and Canfield, and without changing the cycle or function of the Stuckey machine it could be applied to Stuckey by dispensing with the intermediate mold and permitting the parison to reheat in the open. Moreover, here, as was held in the Wells case, supra, appellant has a patentable invention, as is shown by the allowance of many apparatus claims which apparently embrace sufficient structure for obtaining the sought results.

We do not consider *In re Dann*, 18 C. C. P. A. (Patents) 1031, 1035, 47 F.(2d) 356, 1931 C. D. 306, 409 O. G. 7, cited by appellant, applicable, for the reason that, in our opinion, the combination of structural features herein may be made without invention "to meet the structure called for by the claim and the function or result involves no invention." *Ex parte McCullum*, 1914 C. D. 70, 204 O. G. 1346.

The method claims, with the exception of claim 36, were rejected by both tribunals of the Patent Office for the reason that the claims defined novel apparatus rather than new method, and, as such, failed to define invention over Stuckey taken with either Canfield or Wilzin, and also on Canfield alone.

Appellant urges that they—

Recite the novel method of using a blank mold and a blow mold which cooperate solely with each other, simultaneously to form three articles. The method steps of these claims are specified as carried on by the aid of old tools (the cooperating molds) and the method is limited in this respect.

It is contended by appellant that the Board erred in disregarding the alleged limitation. It seems to us, from a careful examination of the method claims, that the Board properly disregarded the claimed limitation. The claims appear to be equivalents in substance to apparatus claims and could include a plurality of blow molds shown by Canfield. They disclose the expressions "with a final blow mold," "blowing all the heated parisons," "all the parisons," and "supporting the parisons." These expressions would seem to lead to the conclusion that the combination set forth in these rejected claims cannot be regarded as a limitation to one blank mold and one blow mold cooperating solely with each other. They set forth "a purely structural idea, and not a process idea." *In re Fessenden*, 45 App. D. C. 21, 226 O. G. 1081.

Method claim 36 was rejected by the Examiner as being directed to the function of applicant's apparatus. In its first decision, the Board of Appeals overruled the Examiner's rejection of functionality and included this claim with claims 13 and 15 rejected on the prior art. In its second decision, on requested reconsideration, the Board affirmed the Examiner in rejecting claim 36 as functional.

Appellant urges that claim 36 sets forth a patentable method and that it is not functional. In support of his contention he quoted the rejection of the Examiner as follows:

Claim 36 was rejected as being directed to the function of the applicant's apparatus. The method recited in this claim requires a machine for its performance and no machine other than the one disclosed in this application is known which is capable of performing this process. The Examiner is unable to conceive of any other machine capable of performing this process.

Appellant then states that he—

"met this rejection by reference to six patents and patent applications, disclosing six substantially different machines, each capable of performing the method of claim 36."

None of the said six patents and patent applications are in the record, and there is nothing concerning them here to inform us.

In the absence of information, we cannot judge if the so-called method in claim 36 can be performed by other and different apparatus. As to its being performed by hand, it is not good sense to consider it. As far as the record here is concerned, a careful study of the claim leads to but one conclusion—that the so-called method is inseparably connected with the apparatus and dependent on the apparatus. The claim sets forth nothing more than a function of the machine, as we view it.

Process or method claims which merely claim the function of the apparatus are not allowable. This has been held in a long line of decisions of this court. *In re Watson*, 18 C. C. P. A. (Patents) 712, 44 F.(2d) 868, 1931 C. D. 15, 402 O. G. 3; *In re Weeks*, 18 C. C. P. A. (Patents) 1234, 48 F.(2d) 662, 1931 C. D. 465, 411 O. G. 7; *In re Heintz*, 21 C. C. P. A. (Patents) 1169, 71 F.(2d) 172, 448 O. G. 762; *In re Ernest et al.*, 21 C. C. P. A. (Patents) 1235, 71 F.(2d) 169, 1934 C. D. 595, 449 O. G. 507; *In re McCurdy*, 22 C. C. P. A. (Patents) 1140, 76 F.(2d) 400, 1935 C. D. 504, 459 O. G. 923; *In re Lindberg*, 23 C. C. P. A. (Patents) 794, 79 F.(2d) 903, 1936 C. D. 144, 464 O. G. 713.

The motion to dismiss the appeals as to claims 1 to 5, inclusive, 11, 13, 14, 15, 29, 30, 31, and 33 is granted.

We conclude that the Patent Office tribunals did not err in rejecting the appealed claims here involved, and the decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,322,631, H. Segall, Celluloid article of manufacture and method of producing same, D. C., S. D. N. Y., Doc. E 80/333, *E. Segall* v. *E. I. du Pont de Nemours & Co., Inc.* Dismissed with prejudice (notice May 24, 1938).

1,324,235, T. de Roode, Moving picture film, D. C., S. D. N. Y., Doc. E 79/135, *T. de Roode* v. *Universal Pictures Corp.* Consent order of discontinuance (notice May 25, 1938).

1,325,890, L. Freuder, Lithography, D. C., S. D. N. Y., Doc. E 76/253, *L. Freuder* v. *Consolidated Film Industries, Inc. et al.* Dismissed for lack of prosecution May 20, 1938.

1,486,255, C. B. Lambert, Wire chopper, pie crust mixer and flaker, D. C., S. D. Calif. (Los Angeles), Doc. E 743–M, *The Ed. Katzinger Co.* v. *C. A. Rowley (Chief Products Co.)*. Dismissed pursuant to stipulation May 23, 1938.

1,497,543, N. K. Chaney, Adsorptive carbon and process of making same, D. C., S. D. N. Y., Doc. E 82/137, *National Carbon Co., Inc.*, v. *Acticarbone Corp.* Consent decree for plaintiff (notice May 27, 1938).

1,534,663, Sammis & Hood, Grader, D. C., S. D. Calif. (Los Angeles), Doc. E 16–E, *L. B. Sammis et al.* v. *Elliott Mfg. Co. et al.* Claims 1 and 2 held valid and in-

fringed by Elliott Mfg. Co., dismissed as to T. H. Elliott May 18, 1938.

1,537,325, Smith & Smith, Meter box, D. C., W. D. Wash. (Seattle), Doc. 1192, *H. E. Gere* v. *The City of Seattle, Wash. et al.* Dismissed May 19, 1938.

1,551,381, T. M. Foss, Emergency rivet, D. C., S. D. Calif. (Los Angeles), Doc. E 884–Y, *Hookless Fastener Co.* v. *Ellis-Klatscher & Co. et al.* Dismissed without prejudice May 17, 1938.

1,661,336, G. M. Katz, Refreshment mixer, D. C., S. D. N. Y., Doc. E 78/26, *G. M. Katz* v. *L. Rosenbaum.* Dismissed for lack of prosecution May 20, 1938.

1,692,132, M. L. Martz, Thread supporting device, D. C., S. D. N. Y., Doc. E 78/325, *Thread Supporting Device, Inc.*, v. *Max Pollock & Co., Inc.* Dismissed for lack of prosecution May 20, 1938.

1,781,672, E. B. Working, Chocolate material and process of making same, C. C. A., 1st Cir., Doc. 3284, *J. C. Ferguson Mfg. Works, Inc.*, v. *American Lecithin Co.* Decree of lower court vacated, case dismissed (notice May 20, 1938). Certiorari denied by Supreme Court May 16, 1938.

1,796,407, H. L. Shuldener, Liquid treating method and apparatus, D. C., S. D. N. Y., Doc. E 76/156, *H. L. Shuldener et al.* v. *Trio Water Engineering Corp. et al.* Dismissed for lack of prosecution May 20, 1938.

1,803,875, W. F. Stoody et al, Method of facing tools and resulting product, D. C., S. D. Calif. (Los Angeles), Doc. E Y–101–J, *Stoody Co.* v. *Mills Alloys, Inc., et al.* Claims 5, 6, 7, 10, 11, 12, 13, 14, 15, and 17 held invalid, dismissed with prejudice May 28, 1938.

1,830,768, I. M. Rod, Art of making garments, D. C., S. D. N. Y., Doc. E 74/383, *Rokap Corp.* v. *Jaffee-Cohen & Lang, Inc.* Doc. E 76/317, *Rokap Corp.* v. *Wes-Lee Clothes, Inc.* Doc. E 76/320, *Rokap Corp.* v. *Leo Greenberg & Shapiro, Inc.* Doc. E 76/329, *Rokap Corp.* v. *Rickwear Clothing Co., Inc.* Doc E 76/336, *Rokap Corp.* v. *Rock Mill Clothes, Inc.* Doc. E 77/240, *Rokap Corp.* v. *M. J. Berlin & Bro., Inc.* Doc. E 78/87, *Rokap Corp.* v. *Bernstein, Schwartz & Co., Inc.* Dismissed for lack of prosecution May 20, 1938, in each of above cases.

1,863,955, T. R. Willwerscheid, Sign, D. C. Minn., 4th Div., Doc. E 2976, *Western Stamping & Mfg. Co.* v. *General Outdoor Advertising Co., Inc., et al.* Consent decree of dismissal as to Signal Service Corp. for lack of jurisdiction May 23, 1938.

1,875,260, G. D. Parker, Bundle binding and tying machine, filed Apr. 14, 1938, D. C., N. D. Calif. (San Francisco). Doc. E 4260–S, *Eby Mfg. Co. et al.* v. *G. D. Parker.*

1,877,745, H. Garfinkel, Garment, filed May 25, 1938, D. C., S. D. N. Y., Doc. E 87/78, *G. Ritter et al.* (*Garfinkel Ritter*) v. *S. S. Epstein et al.* (*Epstein Underwear Co.*).

1,908,354, J. S. Hodges, Orchard heater, D. C., S. D. Calif. (Los Angeles), Doc. E 713C, *J. S. Hodges et al.* v. *Riverside Sheet Metal Works, Inc.* Dismissed for want of prosecution Apr. 26, 1938.

1,919,018, L. Goebbel, Ornamented lining fabric, D. C., S. D. N. Y., Doc. E 78/384, *L. Goebbel* v. *Grum-Ko Silk Corp.* Dismissed for lack of prosecution May 20, 1938.

1,943,468, Bridgeman & Schade, Wax emulsion coatings and coating process, filed May 19, 1938, D. C., Del., Doc. E 1268, *Innis, Speiden & Co. et al.* v. *Food Machinery Corp.*

1,948,019, G. K. Ballentine, Clothes hanger holder and bag, filed May 31, 1938, D. C., S. D. N. Y., Doc. E 87/120, *D. Mesibov* v. *G. K. Ballentine et al.*

1,948,192, A. R. Stargardter, Method of treating steel, C. C. A., 3d Cir., Doc. 6557, *Gillette Safety Razor Co.* v. *Windsor Mfg. Co.* Decree affirmed May 14, 1938.

1,955,569, H. I. Warden, Licensing of motor vehicles, filed May 18, 1938, D. C., W. D. Mo. (Kansas City). Doc. 2982, *H. I. Warden* v. *Kansas City, Mo.*

1,969,653, W. F. La Morte, Soffit clip, D. C., S. D. N. Y., Doc. E 78/358, *Conver Steel & Wire Co., Inc.*, v. *L. Schwarz Corp. et al.* Dismissed for lack of prosecution May 20, 1938.

1,999,669, M. J. Smith, Purse kit, filed May 20, 1938, D. C., S. D. N. Y., Doc. E 87/74, *M. J. Smith* v. *J. Levy* (*Dora May Co.*).

2,012,846, M. T. Bentzen, Multiple outlet spout, filed May 11, 1938, D. C. Minn. (Minneapolis), Doc. E 3007, *General Metalware Co.* v. *W. L. Nelson* (*Broadway Hardware*).

2,013,824, A. A. Ensminger, Combination storm and screen sash, filed May 27, 1938, D. C., N. D. Ohio, Doc. E 5733, *Cleveland Standard Mfg. Co. et al.* v. *E. R. Porter et al.*

2,020,271, R. J. Winsor, Road working machine, D. C., S. D. Ind. (Indiana), Doc. E 1918, *The Galion Iron Works & Mfg. Co.* v. *J. D. Adams Mfg. Co.* Patent held valid as to certain claims May 13, 1938.

2,030,661, A. Stone, Clothing container, D. C., S. D. N. Y., Doc. E 82/384, *A. Stone et al.* v. *R. Abraham et al.* Doc. E 82/390, *A. Stone et al.* v. *Weiss & Gerringer, Inc.* Doc. E 83/6, *A. Stone et al.* v. *Zenith Drug, Inc.* Dismissed without prejudice (notice May 31, 1938), in each of above cases.

2,037,462, F. C. du Grenier, Coin controlled mechanism, D. C., S. D. N. Y., Doc. E 83/168, *F. C. du Grenier et al.* v. *Royce Mfg. Co., Inc.* Consent order of discontinuance without prejudice (notice May 27, 1938).

2,043,498, R. A. Necker, Scaffold, D. C., E. D. Wis. (Milwaukee), Doc. 5252, *Safway Steel Scaffolds Co. of America* v. *Lurie & Harry Glass Co.* Patent held valid and infringed May 26, 1938.

2,048,158, H. T. Goodwin, Apparatus for purifying and cleaning water, notice filed May 7, 1938, D. C., W. D. Tenn., W. Div., Doc. 1296, *H. T. Goodwin* v. *Carloss Co. et al.*

2,081,683, A. Solosko, Elastic attaching device, D. C., S. D. N. Y., Doc. E 85/358, *A. Solosko* v. *Ellerstein-Gerber Corp. et al.* Consent order of discontinuance May 31, 1938.

2,106,796, R. P. de Vault, Peeler, D. C., S. D. Calif. (Los Angeles), Doc. E 1373–J, *R. P. de Vault* v. *W. R. Feemster.* Dismissed with prejudice May 17, 1938.

Des. 68,219, W. J. Simmons, Badge or similar article of manufacture, D. C., N. D. Ga. (Atlanta), Doc. E 835, *The Knights of the Ku Klux Klan* v. *Warner Bros. Pictures, Inc., et al.* Dismissed Apr. 1, 1938.

Des. 87,097, J. J. Klecka, Finger ring, D. C., S. D. Calif. (Los Angeles), Doc. E 1116–M, *J. R. Wood & Sons, Inc.*, v. *Noum Light.* Decree for plaintiff, holding design patent valid, injunction Mar. 5, 1938. Same, filed May 24, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1385–Y, *J. R. Wood & Sons, Inc.*, v. *J. A. Apffel Co., Inc.* Doc. E 1386–C, *J. R. Wood & Sons, Inc.*, v. *I. H. Kaufman* (*Allison-Kaufman Co.*). Doc. E 1387–J, *J. R. Wood & Sons, Inc.*, v. *I. H. Laykin et al.* (*Laykin Diamond Co.*). Doc. E 1388–M, *J. R. Wood & Sons, Inc.*, v. *O. T. Topper.*

Des. 90,240, S. Ender, Reflector, D. C., S. D. N. Y., Doc. E 78/248, *S. Ender* v. *United Metal Spinning Co., Inc., et al.* Dismissed for lack of prosecution May 20, 1938.

Des. 97,412, S. Putnam, Buckle, D. C., S. D. N. Y., Doc. E 84/307, *S. Putnam* v. *J. P. Carmel.* Dismissed (notice May 18, 1938).

Des. 97,601, J. M. Funk, Air propeller for electric fans, D. C., N. D. Ill., E. Div., Doc. 15,707, *Marathon Electric Mfg. Corp.* v. *Montgomery Ward & Co., Inc.* Dismissed by stipulation Apr. 26, 1938.

Des. 102,824, A. Guzy, Dress, D. C., S. D. N. Y., Doc. E 86/288, *Burgundy Frocks, Inc.*, v. *Goodwear Dress, Inc.* Consent decree for plaintiff (notice May 17, 1938).

Des. 104,068, Des. 104,071, Des. 104,074, Des. 104,145, D. Lewis, Straw handbag; Des. 104,069, Des. 104,070, Des. 104,072, Des. 104,073, Des. 104,075, Des. 104,144, same, Handbag, suit for declaratory judgment, filed May 13, 1938, D. C., S. D. N. Y., Doc. E 87/40, *Landis Leather Goods, Inc.*, v. *Nat Lewis Purses, Inc., et al.*

Des. 104,069. (See Des. 104,068.)
Des. 104,070. (See Des. 104,068.)
Des. 104,071. (See Des. 104,068.)
Des. 104,072. (See Des. 104,068.)
Des. 104,073. (See Des. 104,068.)
Des. 104,074. (See Des. 104,068.)
Des. 104,075. (See Des. 104,068.)
Des. 104,144. (See Des. 104,068.)
Des. 104,145. (See Des. 104,068.)

Des. 104,172, F. A. Rentchler, Sunglasses, filed May 18, 1938, D. C., S. D. N. Y., Doc. E 87/70, *Deauville Specialty Corp.* v. *Lapin-Kurley Kew, Inc.*

Des. 104,445, G. W. Gundermann, Textile fabric, D. C., S. D. N. Y., Doc. E 87/362, *Cohn-Hall-Marx Co.* v. *Phillips-Davis, Inc.* Dismissed for lack of jurisdiction (notice May 17, 1938).

Des. 104,603, R. T. Russell, Textile fabric, filed May 13, 1938, D. C., S. D. N. Y., Doc. E 87/39, *M. Gltarsh et al.* v. *Print Textile Corp.*

Des. 105,104, Hines & McKeown, Sofa, D. C., N. D. Ill., E. Div., Doc. 15,754, *Pullman Couch Co.* v. *Futorian Mfg. Co.* Patent held invalid, bill dismissed Feb. 9, 1938.

Des. 105,817, A. Zavell, Textile fabric, suit for declaratory judgment and infringement filed May 26, 1938, D. C., S. D. N. Y., Doc. E 87/90, *Sorel Silk Corp.* v. *L. & E. Stirn Corp.*

Des. 106,610, J. S. Sherman, Lamp, filed May 26, 1938, D. C., S. D. N. Y., Doc. E 87/108, *Shankin Mfg. Co.* v. *A. A. Victor.*

Des. 106,929, D. Rosenthal, Dress, D. C., S. D. N. Y., Doc. E 86/83, *Rosenthal & Kalman Co., Inc.*, v. *Irving Stempel & Co., Inc.* Consent order of discontinuance (notice May 17, 1938).

Des. 107,159, B. Fried, Dress, D. C., S. D. N. Y., Doc. E 86/394, *Columbia Dance Frocks, Inc.*, v. *S. Wicha, Inc.* Consent order of discontinuance (notice May 17, 1938).

Des. 107,606, A. Waxberg, Dress, D. C., S. D. N. Y., Doc. E 86/223, *G. W. Cohen Corp.* v. *Excellent Dresses, Inc.* Consent order of discontinuance (notice May 17, 1938).

Des. 107,611, T. Coleman, Dress, filed May 24, 1938, D. C., S. D. N. Y., Doc. E 87/75, *A. S. Gross, Inc.*, v. *Town & Country Club Dress Corp.*

Des. 108,686, N. Rolfe, Ensemble dress, D. C., S. D. N. Y., Doc. E 86/344, *Rolfe Bros., Inc.*, v. *Accurate Mfg. Co., Inc.* Consent decree for plaintiff (notice June 1, 1938).

Des. 108,993, B. H. Barth, Textile fabric, filed May 25, 1938, D. C., S. D. N. Y., Doc. E 87/79, *W. K. Kallman* (*Blanck & Co.*) v. *Colin Frocks, Inc.*

Des. 109,375, S. Kronenfeld, Dress, filed May 11, 1938, D. C., S. D. N. Y., Doc. E 87/37, *Virginia Lee Frocks, Inc.*, v. *Action Dress, Inc., et al.*

Des. 109,564, S. Lo Prete, Coat, filed May 26, 1938, D. C., S. D. N. Y., Doc. E 87/112, *S. Lo Prete et al.* v. *L. B. Wolkoff & Bosler, Inc.*

Des. 109,605, G. Cippico, Design for a smoking device, filed May 12, 1938, D. C., E. D. Wis. (Milwaukee), Doc. 5284, *Zeus Corp.* v. *Walgreen Co.* Same, filed May 17, 1938, D. C. Md., Doc. E 2543, *Zeus Corp.* v. *Peoples Service Drug Stores, Inc.*

Des. 109,837, M. Sobelman, Dress, filed May 26, 1938, D. C., S. D. N. Y., Doc. E 87/83, *Mary Muffet, Inc.*, v. *Dandy Dress, Inc.* Same, filed May 28, 1938, D. C., S. D. N. Y., Doc. E 87/116, *Mary Muffet, Inc.*, v. *Budget Dresses, Inc.*

Des. 109,860, P. Schlessel, Dress ensemble, filed May 26, 1938, D. C., S. D. N. Y., Doc. E 87/88, *N. Y. Dress & Costume Co., Inc.*, v. *Varsity Dress Co., Inc.*

T. M. 44,790. (See T. M. 45,138.)

T. M. 45,138, T. M. 44,790, Chesebrough Mfg. Co., Consolidated, Medicinal preparation; T. M. 283,824, T. M. 284,672, T. M. 286,262, T. M. 333,701, T. M. 333,702, T. M. 333,703, T. M. 161,098, same, Petroleum jelly; T. M. 243,206, T. M. 213,571, same, Pomade, D. C., N. D. Ill., E. Div., Doc. 15,681, *Chesebrough Mfg. Co., Consolidated*, v. *S. Miller* (*LuSeal Products Co.*) *et al.* Trade-marks held infringed, injunction; bill dismissed as to Temson Products Co., Inc., without prejudice Apr. 20, 1938.

T. M. 161,098. (See T. M. 45,138.)
T. M. 213,571. (See T. M. 45,138.)
T. M. 243,206. (See T. M. 45,138.)
T. M. 283,824. (See T. M. 45,138.)
T. M. 284,672. (See T. M. 45,138.)
T. M. 286,262. (See T. M. 45,138.)

T. M. 314,977, N. Y. Knitting Mills, Inc., Sweaters and bathing suits; T. M. 326,209, same, Hosiery, gloves, scarves, etc.; T. M. 326,961, same, Yarn; T. M. 326,963, same, Knitted fabric, D. C., N. D. Ill., E. Div., Doc. 15,778, *N. Y. Knitting Mills, Inc.*, v. *Lord's, Inc.* Consent decree finding trade-marks valid and infringed; injunction. Dismissed as to infringement Apr. 4, 1938.

T. M. 333,701. (See T. M. 45,138.)
T. M. 333,702. (See T. M. 45,138.)
T. M. 333,703. (See T. M. 45,138.)

Changes in Classification

Order No. 3,433, June 30, 1938, directs:

In *class 18, Plastics* (Division 15), in the main class definition, paragraph 3, line 10, change "100" to *212* and cancel "and 145, and indented subclasses;" and after paragraph 7 add:

Synthetic resins, compositions containing the same, when falling within the definition of class 260, and their preparation, are in class 260, subclass 2, and indented subclasses. The reactions attending the preparation of such resins ordinarily necessitate the use of heat and/or pressure. The mere fact that the reaction is claimed as being carried out in a mold does not exclude the patent from class 260.

In *class 23, Chemistry* (Division 59), in the main class definition, after note (7), add the following note:

(8) Note.—For the line between this class, and class 260, CHEMISTRY, CARBON COMPOUNDS, see the definitions of class 260, particularly note (3) to the class definition; in subclasses 155 and 158, cancel the search note; in subclass 203, in the note following the definition, change "166" to *544, for phosgene;* in subclass 233, in note (4) following the definition, in the reference to class 260, Chemistry, Carbon Compounds, cancel "subclass 2 and indented subclasses, and 10," and substitute therefor *note (3) to the class definition;* in subclass 234, in the note following the definition, cancel "subclasses 56, 57, 116, 117, 123, 138, and 139," and substitute therefor *subclasses 342, 385, 451, 495, 523, 530, 596, 603, and 687;* in subclass 236, in the note following the definition, in the reference to class 260 cancel "156 and 172" and substitute therefor *100, 409, 449, 638, 689, and 690;* and in subclass 237, cancel note (2) following the definition, and cancel "(1)" before the first note.

In *class 48, Gas, Heating and Illuminating* (Divisions 59 and 64), in the main class definition, after the second paragraph, insert the following paragraph:

Gases consisting of a single carbon compound and processes of making them, when falling within the definition of class 260, CHEMISTRY, CARBON COMPOUNDS, are classified in class 260, except acetylene when made from carbides, which is found in this class (48).

In *class 52, Explosive, Pyrotechnic, and Match Compositions* (Division 43), in the main class definition, under "Search classes," in the reference to class 260,

Chemistry, Carbon Compounds, cancel "subclass 142 and indented subclasses," and change "nitro" to *carbon;* and in subclass 20, in the search note to class 260, change "subclass 142" to *subclasses 466, 467, 644,* and add , *and 688,* after "subclasses."

In *class 91, Coating* (Divisions 46 and 50), add to the main class definition the following paragraph:

Synthetic resins, compositions containing same, when falling within the definition of class 260, CHEMISTRY, CARBON COMPOUNDS, and their preparation, are in class 260, subclass 2, and indented subclasses. The reactions attending the preparation of such resins ordinarily necessitate the use of heat and/or pressure. The mere fact that the reaction is claimed as being carried out on a surface does not exclude the patent from class 260.

In *class 99, Foods and Beverages* (Division 63), in subclass 14, in the reference to class 260, Chemistry, Carbon Compounds, change "subclasses 9 and 10" to *subclass 112, and indented subclasses;* in subclass 15, in the reference to class 260 change "99.20" to *403;* in subclass 16, add to the definition the following:

Search Class—
260—CHEMISTRY, CARBON COMPOUNDS, subclasses 529 and 534;

in subclass 20, under "Search classes" in the reference to class 260, change "9" to *119, and indented subclass;* in subclass 21, add to the definition the following:

Search Class—
260—CHEMISTRY, CARBON COMPOUNDS, subclass 121, and indented subclass;

in subclass 34, under "Search classes," in the reference to class 260, change "subclasses 153–157" to *subclass 632 and indented subclasses;* in subclass 130, in note (1) following the definition, after "Glue" add: *and class 260, Chemistry, Carbon Compounds, subclasses 117 and 118;* and in subclass 247, in note (2) change "260, Chemistry, Carbon Compounds," to *204, Electrochemistry.*

In *class 99, Foods and Beverages* (Division 63), change the title of subclass 133 to read:

Processes and products
Jellies
Pectin
133 With extraction;

abolish the existing subclass definition and establish the following definition in lieu thereof:

133. Processes under subclass 132 involving extraction of pectin from a source.
(1) Note.—See this class, subclass 22.
(2) Note.—See class 87, OILS, FATS, AND GLUE, subclass 28, for general methods of extraction from plant materials.
(3) Note.—See class 195, CHEMISTRY, FERMENTATION, subclass 2, and class 260, CHEMISTRY, CARBON COMPOUNDS, subclass 210.

In *class 106, Plastic Compositions* (Divisions 38 and 50), in the main class definition, add the following note:

Note.—For plastic compositions containing synthetic resins, see class 260, CHEMISTRY, CARBON COMPOUNDS, subclass 2, and indented subclasses.

In *class 127, Sugar, Starch, and Carbohydrates* (Division 43), in subclass 29, in note (3) following the definition, in the reference to class 260, Chemistry, Carbon Compounds, change "subclass 10" to *subclass 209 and indented subclasses.*

In *class 134, Liquid Coating Compositions* (Division 64), abolish the following subclass and its definition:

Adhesives
23.3 Condensation and polymerization products.

The patents formerly contained in this subclass have been placed for the most part in class 260, Chemistry, Carbon Compounds, subclass 2, and appropriate subclasses indented thereunder, established in this order.

In *class 134, Liquid Coating Compositions* (Divisions 50 and 64), in the main class definition, add the following note:

Note.—For liquid coating compositions containing synthetic resins, see class 260, CHEMISTRY, CARBON COMPOUNDS, subclass 2, and indented subclasses;

and in the third paragraph, line 2, cancel "adhesives"; and in subclass 58.5, cancel the note following the definition and establish the following in lieu thereof:

Note.—See Class 260, CHEMISTRY, CARBON COMPOUNDS, appropriate subclasses, for compositions which contain definite chemical compounds of dyestuff or organic pigment compounds with metals. Carbon coloring compounds which are produced in the presence of a preformed substratum, wherein novelty is alleged to reside in the combination or in the amount, form, or nature of the substratum, are in this class (134); however, where the substratum is synthesized simultaneously with the carbon compound, the product belongs in class 260.

In *class 196, Mineral Oils* (Division 31), in subclass 40, in the search note to class 260, Chemistry, Carbon Compounds, change "159" to *504;* in subclass 47, under "Search classes," in the reference to class 260, change "167" to *666;* in subclass 142, in the first note, cancel the last sentence, and under "Search classes," in the reference to class 260, after "particularly," insert *subclass 451,* and cancel the remainder of the sentence; in subclass 145, in note (3), change "159" in the reference to class 260 to *504;* and in subclass 148, in note (2), in the reference to class 260, change "159" to *504.*

In *class 260, Chemistry, Carbon Compounds* (Divisions 6, 31, 50, 59), abolish the existing subclass titles and definitions and establish in lieu thereof the subclasses contained in the new loose leaves now being printed for insertion in the Manual of Classification, and definitions which will appear in Bulletin No. 74, the patents contained in this class having been taken for the most part from old class 260 and classes 87, Oils, Fats, and Glue; 99, Foods and Beverages; 106, Plastic Compositions, and 134, Liquid Coating Compositions; and the new class 260 herein established being distributed to Divisions 6, 31, 43, 50, 59, as follows:

Division 6, subclasses 1; 112–139; 349–664; 684–708;
Division 31, subclasses 665–683;
Division 43, subclasses 140–208;
Division 50, subclasses 2–111; 209–235;
Division 59, subclasses 236–348.

(Lists of the subclass titles, and the definitions, may be seen in the Search-Room and in the Classification Division, Room 3606, pending publication.)

TRADE-MARKS

OFFICIAL GAZETTE, JULY 19, 1938

[VOL. 492. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 399,514. THE PHOSPHATE MINING COMPANY, New York, N. Y. Filed Nov. 9, 1937.

Wonder Boy

For Detergent and Cleanser in Powder and Tablet Form, Having Incidental Water Conditioning Properties.
Claims use since Oct. 28, 1937.

Ser. No. 401,737. GERARD BROTHERS LIMITED, Nottingham, England. Filed Jan. 10, 1938.

INO

For Toilet Soaps.
Claims use since 1901.

Ser. No. 403,720. CROWN PRODUCTS CORPORATION, San Francisco, Calif. Filed Mar. 5, 1938.

GILT EDGE

For Cleansing Powder for Removing Dirt and Other Impurities From Toilet Bowls, Sinks, Tubs, and Enameled Tile Surfaces in Household Use.
Claims use since Dec. 21, 1937.

Ser. No. 404,607. HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed Mar. 29, 1938.

BLUE DIAMOND BRAND

The word "Brand" is disclaimed apart from the mark. The drawing is lined for blue.
For Toilet and Laundry Soaps in Flake, Cake, and Powder Form; Brushless Shaving Cream, Shaving Cream, and Mentholated Shaving Cream.
Claims use since Sept. 15, 1937.

Ser. No. 406,541. GEORGE B. ALLEN, doing business as The Charpure Company, Decatur, Ga. Filed May 20, 1938.



For Metal Polish.
Claims use since May 2, 1938.

CLASS 5

Adhesives

Ser. No. 406,291. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed May 13, 1938.

HY-TEN CORE OIL

No claim is made to the words "Core Oil" apart from the mark.
For Core Oil To Be Mixed With Core Sand for Foundry Purposes.
Claims use since May 2, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 392,939. THE RANDOLPH DRUG CO., Detroit, Mich. Filed May 18, 1937.



No claim is made to the words "Stops Perspiration" and "Deodorant" apart from the mark. The drawing is lined for green.
For Deodorant.
Claims use since Jan. 7, 1937.

Ser. No. 393,808. WILLIAM ARTHUR HURST, Avera, Miss. Filed June 8, 1937.



BEND-BEND

The portrait is fanciful.
For Shampoo Preparation.
Claims use since Feb. 18, 1937.

Ser. No. 394,365. ZULA LEE ARNOLD, West Palm Beach, Fla. Filed June 22, 1937.

KING TUT

For Medicated Fruit Usable as a Laxative and Purgative.
Claims use since Mar. 9, 1937.

Ser. No. 394,752. GUSTAV OETTERMANN, San Antonio, Tex. Filed July 1, 1937.

LONG-LASH
by Gustav

The word "Long-Lash" is disclaimed from the mark.
For Eye Lash Preparation.
Claims use since Jan. 1, 1937.

Ser. No. 395,031. GARDNER MANUFACTURING CO., Philadelphia, Pa. Filed July 9, 1937.

Veet

For Dry Shampoo and Hair Freshener.
Claims use since Feb. 2, 1937.

Ser. No. 400,010. FRANK HILL, doing business as Hill Laboratories, Carterville, Ill. Filed Nov. 22, 1937.

HEMOROINTMENT

For Preparation Used Especially for the Treatment of Piles.
Claims use since Dec. 3, 1934.

Ser. No. 400,240. PHYSICIANS & HOSPITALS SUPPLY COMPANY, INC., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Filed Nov. 29, 1937.

PROLIFEROL

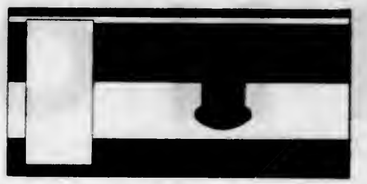
The drawing is lined for red.
For Medicinal Preparation for the Injection Treatment of Hernia.
Claims use since June 29, 1934.

Ser. No. 400,810. UNITED DISTRIBUTORS, INCORPORATED, Louisville, Ky. Filed Dec. 13, 1937.



The words "A Medicine for Internal Use" are disclaimed apart from the mark.
For General Tonic and Laxative.
Claims use since Jan. 12, 1937.

Ser. No. 401,580. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed Jan. 5, 1938.



For Moth Killers and Roach Killers Both in Powder Form.
Claims use since April, 1935.

Ser. No. 401,909. WILLIS EARL SIMPSON, doing business as One-Spot Company, Elkridge, Md. Filed Jan. 14, 1938.



The words "Rat Killer" and "Safe-Easy-Sure" are disclaimed apart from the mark.
For Preparation for Killing Rats.
Claims use since Jan. 1, 1938.

Ser. No. 403,537. BETZOLD BROS., Philadelphia, Pa. Filed Mar. 1, 1938.

FURALINE

For Preparation for Softening Fur Garments.
Claims use since Feb. 1, 1937.

Ser. No. 403,748. AMERICAN K. A. T. CORPORATION, New York, N. Y. Filed Mar. 7, 1938.



For Compound Consisting of an Organic Solution Extracted from Plants and Vegetable Seeds to be Used with Water for the Purpose of Removing Scale and Impurities and Other Harmful Substances in Boilers, and Pipes.
Claims use since January, 1937.

Ser. No. 403,760. THE DOHO CHEMICAL CORPORATION, New York, N. Y. Filed Mar. 7, 1938.

ARGOLAVAL

For Chemically Uniform Medicinal Compounds—Namely, Hexamethylene-Tetramine Nitrate of the Formula: $AgC_6H_{12}N_8O_3$, Combining the Strong Bacterial Effect of Hexamethylene Tetramine and the Oxidizing Effect of the Alkaline Silver Solutions, for Internal and External Administration.
Claims use since Jan. 1, 1936.

Ser. No. 403,940. DR. AUGUST WOLFF SUDBRAKER-NÄHRMITTELFABRIK KOM.-GES., Bielefeld, Germany. Filed Mar. 11, 1938.

Karex

For Dentifrice.
Claims use since November, 1936.

Ser. No. 404,482. OWENO LABORATORIES, East Cleveland, Ohio. Filed Mar. 25, 1938.

O-WEN-O

For Ointment for Sores, Cuts, and Wounds, Eczema, Scrofula, Poison Ivy, Burns Including Sunburns, Athlete's Foot, Ringworm, Boils, Bruises, Sprains, Sore and Stiff Muscles, Stings, Corns, Bunions, and Burning Feet.
Claims use since November, 1937.

Ser. No. 404,683. HENRI BENDL INC., New York, N. Y. Filed Mar. 31, 1938.

Suede

For Perfumes, Toilet Waters; Face, Bath, and Dusting Powders; Cleansing Creams, Nourishing Creams, Hand Lotions, Lipsticks, Bath Oils, and Bath Salts.
Claims use since Mar. 22, 1938.

Ser. No. 404,988. THE HAMMOND PAINT & CHEMICAL CO. INC., Beacon, N. Y. Filed Apr. 7, 1938.

KIX

For Insecticide.
Claims use since Nov. 10, 1936.

Ser. No. 405,085. STAUFFER CHEMICAL COMPANY OF TEXAS, Freeport, Tex., and New York, N. Y. Filed Apr. 9, 1938.

SUPER-ADHESIVE

The word "Adhesive" is disclaimed apart from the mark.
For Sulphur.
Claims use since April, 1928.

Ser. No. 405,121. LAXA PRODUCTS COMPANY, Toledo, Ohio. Filed Apr. 11, 1938.

LAXA-PSYLLIUM

No claim is made to the word "Psyllium" except as shown.
For Lubricating Laxative Emulsion.
Claims use since Mar. 25, 1937.

Ser. No. 405,207. HUMBLE OIL & REFINING COMPANY, Houston, Tex. Filed Apr. 13, 1938.

RUST-BAN

Applicant is the owner of registration No. 290,218.
For Rust Preventives, Chemical Compounds Used as Corrosion Inhibiting, Heat Resisting and Gas Proofing Coatings and Solvents Therefor.
Claims use since Mar. 9, 1938.

Ser. No. 405,274. SWISS IMPORTING CO., INC., New York, N. Y. Filed Apr. 14, 1938.

LACTOPINE
The ORIGINAL
SWISS PINE



No claim is made to the words "The Original Swiss Pine" apart from the mark.
For Bath Oil and Cologne.
Claims use since Dec. 23, 1933.

Ser. No. 405,818. STANLEY NOLAN, doing business as Wanda Laboratories, Cleveland, Ohio. Filed Apr. 28, 1938.



The drawing is lined for blue and green. The words "Bitters" and "Trade Mark" are disclaimed apart from the mark.
For Bitters for Use as a Stomachic Carminative, Mild Laxative, Appetizer, and Diuretic.
Claims use since March, 1937.

Ser. No. 406,046. BRAY CHEMICAL CO., Chicago, Ill. Filed May 6, 1938.

PIPEMASTER

For Drain Pipe Cleaner in Crystal Form.
Claims use since July 13, 1937.

Ser. No. 406,089. THE CARBONIL COMPANY, Oakdale, Pa. Filed May 7, 1938.

CARBONIL

For Compound for Enriching Gasoline.
Claims use since Apr. 21, 1938.

Ser. No. 406,253. INA GROSS, doing business as Gross Medications, Rome, Ga. Filed May 12, 1938.

INALIN 149

For Preparation for Treating Eczema, Ringworm, Athlete's Foot, Open Cuts and Wounds.
Claims use since Apr. 27, 1938.

Ser. No. 406,300. NEVA-MOTH CORPORATION OF AMERICA, New York, N. Y. Filed May 13, 1938.

"Sani-Shrunk"

The word "Shrunk" is disclaimed apart from the mark.
For Chemical Process for Shrinking and Sterilizing Textiles and Other Fabrics.
Claims use since May 6, 1938.

Ser. No. 406,533. SULFOR-EX COMPANY, INC., New York, N. Y. Filed May 19, 1938.

MAGMA SULFORATA

All words except "J. A. C." are disclaimed apart from the mark.
For Preparation for the Relief of Certain Skin Irritations, Such as Acne, Rosacea, Psoriasis, Eczema.
Claims use since May 1, 1933.

Ser. No. 406,845. JACQUES WOLF & Co., Clifton, N. J. Filed May 27, 1938.

FUNGIZYME

For Compound Containing Pancreatic and/or Vegetable Proteolytic Enzymes for use in Baiting Skins or Hides in the Leather Industry.
Claims use since Apr. 17, 1934.

Ser. No. 406,901. LOUIS H. BARTMAN, doing business as Louis Laboratory, New York, N. Y. Filed May 31, 1938.
The name "Bartmans" is a facsimile of applicant's signature.

Bartmans
ATINGLOSS

For Hair Rinse.
Claims use since Dec. 1, 1937.

Ser. No. 407,008. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.

ANGIOMONE

For Preparation used in the Treatment of Angina Pectoris.
Claims use since February, 1935.

Ser. No. 407,009. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.

AUROCEIN

For Preparation used in the Treatment of Arthritis.
Claims use since December, 1935.

Ser. No. 407,010. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.

FLAVICRINE

For Preparation used in the Treatment of Gonorrhea.
Claims use since June, 1934.

Ser. No. 407,011. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.

HYPODYN

For Preparation used in the Treatment of Hypertension.
Claims use since June, 1934.

Ser. No. 407,013. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.

SYNOCHIN

For Preparations used in the Treatment of Pneumonia.
Claims use since February, 1935.

Ser. No. 407,015. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.

VINOTAL

For Preparation used as a Sedative.
Claims use since February, 1935.

Ser. No. 407,098. LOUIS FRIED, doing business as Wm. P. Marion Co., Brooklyn, N. Y. Filed June 4, 1938.

LUFRIDENT

For Tooth Powder.
Claims use since May 3, 1938.

Ser. No. 407,186. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed June 7, 1938.

SPRAYCOP

For Fungicides.
Claims use since May 11, 1938.

Ser. No. 407,363. JACQUELINE COCHRAN, Chicago, Ill., and Roselle, N. J. Filed June 11, 1938.

Wings to beauty

For Cosmetics and Beauty Preparations—Namely, Herbal Lotion, Skin Tonic, Foundation Cream, Herbal Oil, Liquefying Cleansing Cream, Tissue Cream, Pore Texture, Cleansing Cream, Hand Lotion, Eye Cream, Sunburn Preventative, Lipstick, Eye Shadow, Face Powder, Rouge, Rouge Compacts, and Mascara.
Claims use since Nov. 23, 1937.

Ser. No. 407,423. CHESEBROUGH MANUFACTURING COMPANY, CONSOLIDATED, New York, N. Y. Filed June 13, 1938.

Vaseline

For Shampoo.
Claims use since February, 1936.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 406,696. STOEGER ARMS CORPORATION, New York, N. Y. Filed May 24, 1938.

HORNET

For Pellets, Darts, and Other Projectiles Employed with Air Guns.
Claims use since Mar. 1, 1932.

CLASS 12

Construction Materials

Ser. No. 396,455. W. J. DENNIS & COMPANY, Chicago, Ill. Filed Aug. 16, 1937.

DENNIS WING FLEX

For Weather Strip.
Claims use since July 16, 1937.

Ser. No. 405,208. HUMBLE OIL & REFINING COMPANY, Houston, Tex. Filed Apr. 13, 1938.

RUST-BAN

Applicant is the owner of registration No. 290,218.
For Coating Asphalts.
Claims use since Mar. 9, 1938.

Ser. No. 405,319. POLARIS LIMITED, Birmingham, England. Filed Apr. 15, 1938.

ADASTRA

For Masts and Poles.
Claims use since April, 1936.

Ser. No. 405,714. CALIFORNIA REDWOOD ASSOCIATION, San Francisco, Calif. Filed Apr. 26, 1938.

CRA

For Lumber.
Claims use since Mar. 14, 1938.

Ser. No. 405,911. JOHN GUY BRITTON, Lansdowne, Pa. Filed May 2, 1938.

AQUAMASTIQUE

For Sound Absorbent Plastic Material in Dry, Liquid, and Rigidly Set Forms.
Claims use since Mar. 9, 1938.

Ser. No. 405,937. ROACH & MUSSER COMPANY, Muscatine, Iowa. Filed May 2, 1938.

EMBASSY

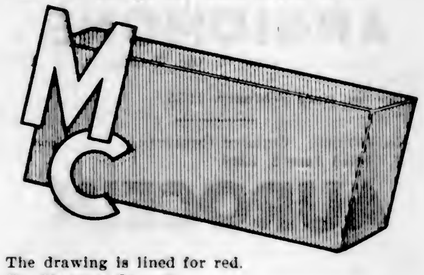
For Factory Fitted Window Units, Including Frames, Windows, Storm Sashes, and Screens.
Claims use since Apr. 6, 1938.

Ser. No. 405,973. UNIVERSAL ATLAS CEMENT COMPANY, Chicago, Ill. Filed May 3, 1938.

UNAFINE

For Portland Cement.
Claims use since July 7, 1937.

Ser. No. 405,994. MARQUETTE CEMENT MANUFACTURING COMPANY, Chicago, Ill. Filed May 4, 1938.



The drawing is lined for red.
For Masonry Cement.
Claims use since Jan. 2, 1938.

CLASS 15

Oils and Greases

Ser. No. 405,209. HUMBLE OIL & REFINING COMPANY, Houston, Tex. Filed Apr. 13, 1938.

RUST-BAN

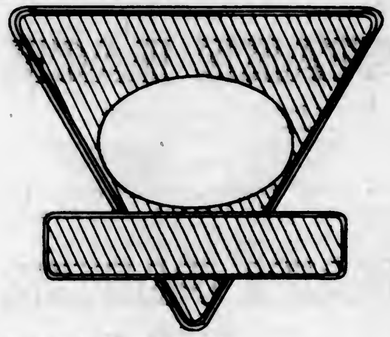
Applicant is the owner of registration No. 290,218.
For Coatings of the Nature of Lubricating Liquids and Lubricating Greases.
Claims use since Mar. 9, 1938.

Ser. No. 405,488. THE DISTILLERS COMPANY LIMITED, Edinburgh, Scotland. Filed Apr. 20, 1938.



For Liquid Fuel for Internal Combustion Engines.
Claims use since Feb. 14, 1937.

Ser. No. 405,942. SUNSET OIL COMPANY, Los Angeles, Calif. Filed May 2, 1938.



The drawing is lined for green.
For Petroleum Products—Namely, Gasoline.
Claims use since February, 1938.

Ser. No. 406,284. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed May 13, 1938.

CELVACENE

For Grease, Particularly Adapted for Use in Sealing Removable Parts of Vacuum Apparatus.
Claims use since Dec. 23, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 405,853. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed Apr. 29, 1938.

MopAco

For Semi-Gloss Paint.
Claims use since May 31, 1935.

Ser. No. 405,854. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed Apr. 29, 1938.

POLARIS ENAMEL

No claim is made to the word "Enamel" apart from the mark.
For Paint Enamel.
Claims use since Oct. 31, 1920.

Ser. No. 405,870. BEAUTY KOTE CORP., Newark, N. J. Filed Apr. 30, 1938.

E-Z Wipe

No claim is made to the word "Wipe" apart from the mark.
For Varnish.
Claims use since May 25, 1935.

Ser. No. 406,346. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed May 14, 1938.

EXELAGON FLAT FINISH VARNISH

No claim is made to the words "Flat Finish Varnish" apart from the mark.
For Flat Finish Varnish.
Claims use since Oct. 31, 1920.

Ser. No. 406,347. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed May 14, 1938.

IMPERVAKOTE

For Flat Wall Paint.
Claims use since Jan. 31, 1938.

Ser. No. 406,733. THE SHERWIN-WILLIAMS CO., Cleveland, Ohio. Filed May 25, 1938.

KOTO-KROME

No claim is made to the word "Krome" apart from the mark.
For Paints (Ready Mixed, Paste Form, and Dry), Paint Enamels, Lacquers, Japans, Varnishes, Stains, Paint Fillers, Water Paints, White Lead, Dry Paint Colors, and Paint Pigments.
Claims use since Mar. 11, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 404,235. SUPER BRAKE-FLOATER CORP., Chicago, Ill. Filed Mar. 18, 1938.

STOP SUPER BRAKE FLOATERS

No claim is made to the words "Brake Floaters" or "Stop" apart from the mark.
For Automobile Brake Adjustment Mechanism Adapted to be Carried by the Brake Band Assembly.
Claims use since Feb. 28, 1938.

Ser. No. 407,115. STORKLINE FURNITURE CORPORATION, Chicago, Ill. Filed June 4, 1938.

Mi-Baby Line

For Baby Carriages.
Claims use since Apr. 15, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 389,948. UNITED VACUUM CLEANER STORES, Cleveland, Ohio. Filed Mar. 11, 1937.

UNITED GOOD HOUSEKEEPER

For Electric Vacuum Cleaners.
Claims use since Mar. 1, 1936.

Ser. No. 393,177. KNAPP-MONARCH COMPANY, St. Louis, Mo. Filed May 24, 1937.

FROSTY AIRE

For Electric Fans.
Claims use since Mar. 6, 1936.

Ser. No. 401,951. UNITED STATES ELECTRIC MFG. CORPORATION, New York, N. Y. Filed Jan. 15, 1938.

ROCKET-LITE

The word "Lite" is disclaimed apart from the mark.
For Electric Flashlights.
Claims use since Nov. 15, 1937.

Ser. No. 403,824. NATIONAL CARBON COMPANY, INC., New York, N. Y. Filed Mar. 8, 1938.

AIR CELL

For Electric Resistors.
Claims use since Jan. 26, 1937.

Ser. No. 404,696. ELECTRO-PROTECTIVE CORPORATION, Newark, N. J. Filed Mar. 31, 1938.

ELECTRO - PROTECTIVE CORPORATION

No claim is made to the corporate name "Electro-Protective Corporation" apart from the mark.
For Electrically Operated Protective Systems, Visible and Audible and Combinations of Both, for Fire, Burglary, and Holdup.
Claims use since Mar. 24, 1938.

Ser. No. 406,328. BURGESS BATTERY COMPANY, Freeport, Ill. Filed May 14, 1938.

TWIN-SIX

For Electric Hand Lamps and Lanterns and Cases Therefor.
Claims use since Dec. 4, 1935.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 402,287. CLARENCE H. CLARK, doing business as Cobay Company, San Francisco, Calif. Filed Jan. 25, 1938.

RENOETTE

For Dice or Domino Game Table Tops.
Claims use since Jan. 15, 1938.

Ser. No. 402,288. CLARENCE H. CLARK, doing business as Cobay Company, San Francisco, Calif. Filed Jan. 25, 1938.

STAKE BACK

For Dice or Domino Game Table Tops.
Claims use since Jan. 15, 1938.

Ser. No. 402,289. CLARENCE H. CLARK, doing business as Cobay Company, San Francisco, Calif. Filed Jan. 25, 1938.

PARI PAREE

For Dice or Domino Game Table Tops.
Claims use since Jan. 15, 1938.

Ser. No. 407,121. AUTOBRIDGE, INC., New York, N. Y. Filed June 6, 1938.

MONOBRIDGE

For Game Board Played With Movable Pieces and Educational Charts.
Claims use since Apr. 22, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 402,038. UNIVERSAL ENGINEERING CO., LTD., Los Angeles, Calif. Filed Jan. 17, 1938.

DIFFERENTIAL

For Oil Well Drilling Tools and Parts Therefor—Namely, Drill Bits and Core Barrels.
Claims use since Oct. 16, 1936.

Ser. No. 403,791. LEON STRAUSS, New York, N. Y. Filed Mar. 7, 1938.

ROTO SHAVER

No claim is made to the word "Shaver" apart from the mark.
For Dry Shavers.
Claims use since Jan. 15, 1938.

Ser. No. 405,425. SYNCRO DEVICES, INCORPORATED, Detroit, Mich. Filed Apr. 18, 1938.

SYNCRO ACE

For Internal Combustion Engines and Parts Thereof.
Claims use since July 31, 1937.

Ser. No. 406,198. J. K. SMIT & SONS, INC., New York, N. Y. Filed May 10, 1938.

HI-CASTE

For Diamond Core Bits, Diamond Dressing Tools, and Diamond Cutting Tools.
Claims use since May 5, 1938.

Ser. No. 406,364. JADSON MOTOR PRODUCTS CO., Bell, Calif. Filed May 16, 1938.

FERCROME

For Motor Exhaust Valves.
Claims use since Apr. 17, 1938.

Ser. No. 406,438. FREDERICK JOHN TREVALLON BARNES, London, England. Filed May 18, 1938.

SUNBRITE

For Machines and Parts Thereof for Dispensing Beverages.
Claims use since April, 1936.

Ser. No. 406,567. THE TURNER & SEYMOUR MANUFACTURING COMPANY, Torrington, Conn. Filed May 20, 1938.

MOTO KAN MASTER

For Can Openers.
Claims use since Apr. 18, 1938.

CLASS 24

Laundry Appliances and Machines

Ser. No. 403,302. THE BREWER-TITCHENER CORPORATION, Cortland, N. Y. Filed Feb. 23, 1938.

Hostess

For Foldable Ironing Tables and Foldable Tub Benches.
Claims use since July 30, 1935.

CLASS 25

Locks and Safes

Ser. No. 404,039. C. L. FROST & SON, Grand Rapids, Mich. Filed Mar. 14, 1938.

Screwits

For Door Catches.
Claims use since Dec. 14, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 401,981. THE BUNDY INCUBATOR COMPANY, Springfield, Ohio. Filed Jan. 17, 1938.

FER-TELL-EGG

The word "Egg" is disclaimed apart from the mark.
For Egg Testers.
Claims use since Dec. 28, 1937.

Ser. No. 403,389. AMERICAN SPECTACLE CO., INC., New York, N. Y. Filed Feb. 25, 1938.

Aqua-Gog

For Bathing Goggles and Spectacles.
Claims use since August, 1937.

Ser. No. 404,663. STÉ. ANONYME INTERNATIONALE DE TÉLÉGRAPHIE SANS FIL, Brussels, Belgium. Filed Mar. 30, 1938.

GONIOSCOPE

For Position and Direction Determining Apparatus, Including Homing Devices.
Claims use since Nov. 9, 1937.

Ser. No. 404,664. STÉ. ANONYME INTERNATIONALE DE TÉLÉGRAPHIE SANS FIL, Brussels, Belgium. Filed Mar. 30, 1938.

RADIOGONIOSCOPE

For Position and Direction Determining Apparatus Including Homing Devices.
Claims use since Nov. 9, 1937.

Ser. No. 406,181. THE GEVAERT COMPANY OF AMERICA, INC., New York, N. Y. Filed May 10, 1938.

GEVAERT LARJA PRINTER

No claim is made to the words "Gevaert" or "Printer" apart from the mark.
For Photographic Projection Printers.
Claims use since Mar. 28, 1938.

Ser. No. 406,412. ACCURACY SCIENTIFIC INSTRUMENT COMPANY, INC., Philadelphia, Pa. Filed May 17, 1938.

ASICO

For Thermometers, Thermostats, Thermo-Regulators, Thermo-Hydrometers, and Hydrometers.
Claims use since December, 1936.

Ser. No. 406,550. FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa. Filed May 20, 1938.

Desicooler

For Aluminum Laboratory Appliance Used as a Storage Place for Crucibles Where They are Allowed to Attain Room Temperature in the Absence of Moisture.
Claims use since May 10, 1938.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 406,374. THE COUNCIL OF DELTA KAPPA EPSILON, New York, N. Y. Filed May 16, 1938.

ΔΚΕ

For Fraternity Badges, Lapel Buttons; Scarf, Lapel, and Breast Pins; Cuff Links, Tie Clasps, Charms, Finger Rings, Belt Buckles, and Ornamental Shields, All of Precious Metal.
Claims use since Nov. 1, 1899.

Ser. No. 406,408. JOSEPH A. WOLF, Denver, Colo. Filed May 16, 1938.

Ad-A-Point

For Finger Rings.
Claims use since Mar. 19, 1938.

Ser. No. 406,474. TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938.

SYMPHONY

For Silver and Silver Mounted Flatware (Implements with a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use), and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers, and Supports for Storing, Holding, or Covering Foods, Liquids, or Commodities).
Claims use since July, 1931.

Ser. No. 406,475. TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938.

CRAFTSMAN

For Silver and Silver Mounted Flatware (Implements with a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use), and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers, and Supports for Storing, Holding, or Covering Foods, Liquids, or Commodities).
Claims use since March, 1932.

Ser. No. 406,477. TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938.

KING RICHARD

For Silver and Silver Mounted Flatware (Implements with a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use), and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers, and Supports for Storing, Holding, or Covering Foods, Liquids, or Commodities).
Claims use since April, 1932.

Ser. No. 406,478. TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938.

LADY DIANA

For Silver and Silver Mounted Flatware (Implements with a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use), and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers, and Supports for Storing, Holding, or Covering Foods, Liquids, or Commodities).
Claims use since January, 1929.

CLASS 32

Furniture and Upholstery

Ser. No. 382,762. MUTSCHLER BROTHERS COMPANY, Nappanee, Ind. Filed Aug. 31, 1936.

MUTSCHLER BROTHERS COMPANY Porta-Bilt KITCHEN FURNITURE NAPPANEE, IND.

The words "Bilt Kitchen Furniture, Nappanee, Ind." are disclaimed apart from the mark.
For Kitchen Furniture—Namely, Kitchen Base Cabinets and Kitchen Wall Cabinets.
Claims use since June 9, 1936.

Ser. No. 406,580. CHITTENDEN & EASTMAN COMPANY, Burlington, Iowa. Filed May 21, 1938.

Comfress

The mark consists of the word "Comfress".
For Mattresses.
Claims use since Mar. 20, 1938.

Ser. No. 406,671. THE AIRWAY SHADE CORPORATION, Miami, Fla. Filed May 24, 1938.

The Airway Shade

The word "Shade" is disclaimed apart from the mark.
For Window Shades.
Claims use since May 16, 1938.

Ser. No. 406,695. SHO-SCOR CORPORATION, Washington, D. C. Filed May 24, 1938.

Sho-Scor

For Visible Scoring Bridge Tables.
Claims use since Apr. 2, 1938.

Ser. No. 407,114. STORKLINE FURNITURE CORPORATION, Chicago, Ill. Filed June 4, 1938.

Mi-Baby Line

For Infants', Nursery, and Juvenile Furniture.
Claims use since Apr. 15, 1938.

Ser. No. 407,118. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed June 4, 1938.

PERFECT POSTURE

For Mattresses.
Claims use since May 6, 1937.

Ser. No. 407,218. FOSTER BROTHERS MANUFACTURING COMPANY, INC., Baltimore, Md. Filed June 8, 1938.

Gold bond

For Bed Springs.
Claims use since 1913.

Ser. No. 407,225. R. C. HELLER CO., INC., Baltimore, Md. Filed June 8, 1938.

GOLD BOND

For Box Springs, Couches, and Pillows.
Claims use since 1913.

CLASS 33

Glassware

Ser. No. 376,160. JENAER GLASWERK SCHOTT & GEN., Jena, Germany. Filed Mar. 19, 1936. Under 10-year proviso.

SCHOTT

For Raw Glass for Optical Manufacture, Glass Tubes.
Claims use since 1894.

Ser. No. 378,966. JENAER GLASWERK SCHOTT & GEN., Jena, Germany. Filed May 28, 1936. Under 10-year proviso.

Jena Glass

For Raw Glass for Optical Manufacture, Glass Tubes.
Claims use since 1894.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 404,862. NATIONAL BUTANE GAS COMPANY, Memphis, Tenn. Filed Apr. 4, 1938.

NA-BU-CO

For Gas Heaters, Hot Water Heaters, Circulating Gas Heaters, and Radiant Gas Heaters Using Butane Gas for Fuel, and Butane Distributing Units.
Claims use since August, 1937.

CLASS 36

Musical Instruments and Supplies

Ser. No. 400,526. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Dec. 6, 1937.

Vierzon

No claim is made to the word "Vierzon" apart from the mark.
For Reeds for Musical Instruments, Reed and Wind Musical Instruments—Namely, Clarinets, Trumpets, Cornets, Trombones, Saxophones, Accordions, and Harmonicas.
Claims use since March, 1934.

CLASS 38

Prints and Publications

Ser. No. 402,431. MERWIL PUBLISHING CO. INC., New York, N. Y. Filed Jan. 28, 1938.

ACTION COMICS

For Magazine Publication.
Claims use since Dec. 1, 1937.

Ser. No. 404,770. THE MONDAY MORNING PUBLISHER INC., Detroit, Mich. Filed Apr. 1, 1938.

new center news
MONDAY MORNING

The words "Monday", "Morning", and "Detroit" are disclaimed except as shown.
For Weekly Newspaper.
Claims use since Jan. 3, 1938.

Ser. No. 405,351. FAWCETT PUBLICATIONS, INC., Greenwich, Conn. Filed Apr. 16, 1938.

PHOTOGRAPHY HANDBOOK

For Monthly Magazine.
Claims use since Feb. 18, 1938.

Ser. No. 405,602. JAY EMANUEL PUBLICATIONS, INC., Philadelphia, Pa. Filed Apr. 22, 1938.

The NATIONAL EXHIBITOR

For Semi-Weekly Magazine.
Claims use since Aug. 5, 1923.

Ser. No. 405,603. JAY EMANUEL PUBLICATIONS, INC., Philadelphia, Pa. Filed Apr. 22, 1938.

The NEW YORK STATE EXHIBITOR

The words "New York State" are disclaimed apart from the mark.
For Semi-Weekly Magazine.
Claims use since Sept. 10, 1928.

Ser. No. 405,685. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Filed Apr. 25, 1938.

LABOR RELATIONS REPORTER

For Periodical Publications.
Claims use since Apr. 18, 1938.

Ser. No. 405,995. G. & C. MERRIAM COMPANY, Springfield, Mass. Filed May 4, 1938.

WEBSTER'S STUDENTS DICTIONARY

No claim is made to the words "Students Dictionary" except as shown.
For Books, Particularly Dictionaries.
Claims use since Feb. 23, 1938.

Ser. No. 405,996. G. & C. MERRIAM COMPANY, Springfield, Mass. Filed May 4, 1938.

WEBSTER'S ELEMENTARY DICTIONARY

No claim is made to the words "Elementary Dictionary" except as shown.
For Books, Particularly Dictionaries.
Claims use since Aug. 14, 1935.

Ser. No. 406,074. U. S. NAVAL ACADEMY ALUMNI ASSOCIATION, Washington, D. C. Filed May 6, 1938.

Shipmate

For Monthly Publication.
Claims use since Apr. 20, 1938.

Ser. No. 406,176. CHILTON COMPANY, Philadelphia, Pa. Filed May 10, 1938.

COMMERCIAL CAR JOURNAL
with which is combined Operation & Maintenance

For Monthly Publication.
Claims use since February, 1938.

Ser. No. 406,295. OTTO F. KINTZEL, doing business as Kansas Blue Print Company, Wichita, Kans. Filed May 13, 1938.

Facsimilith PROCESS

The word "Process" is disclaimed apart from the mark.
For Offset Prints.
Claims use since May 5, 1938.

Ser. No. 406,434. THE ASSOCIATION FOR THE ADVANCEMENT OF CHIROPRACTIC, New York, N. Y. Filed May 18, 1938.

The Voice of Chiropractic

For Monthly Magazine.
Claims use since June, 1936.

Ser. No. 406,440. FRANK E. BECHMANN, Battle Creek, Mich. Filed May 18, 1938.

DOGDOM

For Monthly Publication.
Claims use since March, 1900.

Ser. No. 406,461. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa. Filed May 18, 1938.

HERE'S AN Idea!

For Magazine Section Published at Irregular Intervals.
Claims use since October, 1937.

CLASS 39

Clothing

Ser. No. 379,691. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio. Filed June 13, 1936.

Mary Lou

For Women's Hosiery.
Claims use since Oct. 4, 1934.

Ser. No. 393,983. LOUIS GREENBERG & BROTHER, INC., New York, N. Y. Filed June 12, 1937.

Gorapac

For Girls' Coats.
Claims use since Apr. 22, 1937.

Ser. No. 398,093. CHARLES STORES COMPANY INCORPORATED, New York, N. Y. Filed Oct. 4, 1937.

Lord Charles

For Men's Dress, Negligee, and Work Shirts; Men's and Boys' Knitted, Leather, and Fabric Gloves; and Men's and Boys' Neckties and Hats.
Claims use since January, 1937.

Ser. No. 401,671. ROSE KRANTZ, doing business as Dressaver Company, Brooklyn, N. Y. Filed Jan. 7, 1938.

Weatherette

For Wearing Apparel for Men, Women, and Children—Namely, Jackets, Raincoats, Raincapes, Rain Hats, Warm Back Protectors, Sweaters, Scarfs, Snow Suits, Ski Suits, Nightgowns, Pajamas, Undershirts, Union Suits, Underdrawers, Panties and Undershorts, and Sleeping Bags.
Claims use since July 1, 1934.

Ser. No. 403,005. GARFINKEL & RITTER, New York, N. Y. Filed Feb. 14, 1938.

TOPS TAILORED BY Barbizon

The words "Tailored By" and "Barbizon" are disclaimed except as shown.
For Garments—Namely, Blouses, Shirtwaists, Boleros, and Smocks for Women.
Claims use since Feb. 1, 1938.

Ser. No. 404,100. KANNER-WALD, INC., New York, N. Y. Filed Mar. 12, 1938.

VIDE ET CREDE
Dunster Hall
In the English Manner

The expression "In the English Manner" is disclaimed except as shown.
For Men's Hats.
Claims use since Apr. 10, 1935.

Ser. No. 405,135. J. SCHOENEMAN, INC., Baltimore, Md. Filed Apr. 11, 1938.



MacTerry

The picture is fanciful.
For Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.
Claims use since Apr. 6, 1938.

Ser. No. 405,526. SCHINDLER & CO., New York, N. Y. Filed Apr. 20, 1938.

NORTEX
Tailored the better way

The words "Tailored the Better Way" are disclaimed apart from the mark.
For Men's and Boys' Underwear, Sweaters, Sport Shirts.
Claims use since May 4, 1936.

Ser. No. 405,757. ADIRONDACK SPORTSWEAR INC., Amsterdam, N. Y. Filed Apr. 27, 1938.

Bantamac



For Sportswear and Wearing Apparel—Namely, Golf Jackets, Rain Coats, Ski Jackets, Windbreakers; Ski Pants and Shirts of Leather, Wool, Cotton, Silk, or Rayon or Combinations Thereof; and Sport Pants for Men, Women, and Boys.
Claims use since Jan. 7, 1938.

Ser. No. 406,013. BONWIT TELLER, INC., New York, N. Y. Filed May 5, 1938.

"FALL TONIC"

For Women's and Misses' Furs—i. e., Coats, Capes, Scarfs, Muffs, and Hats; Dresses, Teagowns, Coats, Suits, Outer Skirts, Blouses, Sweaters, Hosiery, Scarfs, Gloves Made of Leather and Fabric, Nightgowns, Negligees, Slips, Panties, and Brassières.
Claims use since Apr. 28, 1938.

Ser. No. 406,016. THE A. J. DONAHUE CORPORATION, Milford, Conn. Filed May 5, 1938.

DONNA-FORM

The word "Form" is disclaimed apart from the mark.
For Girdles, Corselets, and Pantie-Girdles.
Claims use since Apr. 22, 1938.

Ser. No. 406,031. J. & J. SLATER, INC., New York, N. Y. Filed May 5, 1938.



For Leather Shoes.
Claims use since Feb. 10, 1938.

Ser. No. 406,032. J. & J. SLATER, INC., New York, N. Y. Filed May 5, 1938.

Razzle Dazzle

For Leather Shoes.
Claims use since Apr. 20, 1938.

Ser. No. 406,067. JAN REE FROCKS, INC., Cleveland, Ohio. Filed May 6, 1938.

Jan Ree FROCKS INC

The words "Frocks, Inc." are disclaimed apart from the mark.
For Misses' Dresses.
Claims use since Feb. 15, 1938.

Ser. No. 406,139. LOMA DRESS CO., INC., New York, N. Y. Filed May 9, 1938.

LOMA-LEADS

For Ladies' Dresses and Suits.
Claims use since April, 1937.

Ser. No. 406,205. BERNARD WORKMAN, New York, N. Y. Filed May 10, 1938.

Stitch Witchery
BY OPUS HOMO

No claim is made to the word "Stitch" except as shown.
For Ladies', Misses', and Children's Hats.
Claims use since Mar. 1, 1938.

Ser. No. 406,263. PINCUS BROS., INC., Philadelphia, Pa. Filed May 12, 1938.

Screenland Styles
★ Styled in HOLLYWOOD ★

Applicant disclaims the words "Styles" and "Styled in Hollywood" apart from the mark.
For Suits, Coats, Vests, Pants, Topcoats, and Overcoats for Men.
Claims use since January, 1938.

Ser. No. 406,306. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed May 13, 1938.

Wyndster

For Boys', Men's, and Women's Coats and Jackets Made of Rubberized Waterproof Material.
Claims use since Dec. 12, 1937.

Ser. No. 406,314. ELWOOD W. WALTON, doing business as Walton Knitting Mills, Hickory, N. C. Filed May 13, 1938.

Townsman

For Hosiery.
Claims use since Mar. 4, 1938.

Ser. No. 406,318. WULF BROS., INC., New York, N. Y. Filed May 13, 1938.

Strutter

For Boys', Young Men's, and Men's Suits, Overcoats, and Topcoats.
Claims use since Apr. 1, 1938.

Ser. No. 406,351. JOSEPH D. SHAKOW, INC., New York, N. Y. Filed May 14, 1938.

Deer-OAK

For Men's Topcoats and Overcoats.
Claims use since 1935.

Ser. No. 406,424. LAMM BROTHERS, INCORPORATED, Baltimore, Md. Filed May 17, 1938.

AQ ARID

For Men's and Boys' Suits Including Coats, Vests, and Trousers; Topcoats, Overcoats, Raincoats, Sport Trousers, and Sport Coats.
Claims use since Oct. 10, 1937.

Ser. No. 406,426. LAMM BROTHERS, INCORPORATED, Baltimore, Md. Filed May 17, 1938.

Weather-Wizard

For Men's and Boys' Suits Including Coats, Vests, and Trousers; Topcoats, Overcoats, Raincoats, Sport Trousers, and Sport Coats.
Claims use since Oct. 10, 1937.

Ser. No. 406,445. FAIRY SILK MILLS, Shillington, Pa., and New York, N. Y. Filed May 18, 1938.

Sleekees

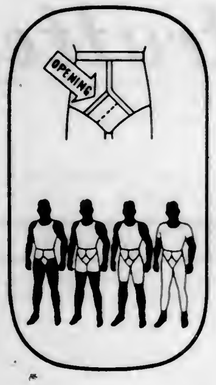
For Children's, Misses', and Ladies' Circular and Flat Knit Underwear Made from Cloth Knitted of Silk, Rayon, Wool, Cotton, or from Fabrics Made of Any Combination of the Above.
Claims use since May 10, 1933.

Ser. No. 406,457. THE MANHATTAN SHIRT COMPANY, New York, N. Y. Filed May 18, 1938.

MAN-EASE

For Pajamas.
Claims use since May 2, 1938.

Ser. No. 406,502. COOPERS, INCORPORATED, Kenosha, Wis. Filed May 19, 1938.



The representation of the undergarment and the word "Opening" are disclaimed apart from the mark.
For Men's Undergarments.
Claims use since April, 1937.

Ser. No. 406,523. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Filed May 19, 1938.

Round the Clock

For Hosiery.
Claims use since December, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 392,552. O. REGEN MANUFACTURING CO. INC., New York, N. Y. Filed May 10, 1937.

REGEN PRODUCTS

No claim is made to the word "Products" or the pictures of a tassel and a bow apart from the mark.
For Novelties, Comprising Hat Bands, Hat Bows, Tassels, Narrow Braids Composed of Rayon, Silk, and/or Cotton, and Trimmings for Men's Hats.
Claims use since January, 1932.

Ser. No. 402,124. THE GLEMBY COMPANY, INC., New York, N. Y. Filed Jan. 20, 1938.

Jean

For Non-Electric Hair Curlers and Hair Wavers.
Claims use since Jan. 17, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 398,240. HENRY A. DIX & SONS CORPORATION, New York, N. Y. Filed Oct. 7, 1937.

BLUE CROSS

For Piece Goods of Cotton and Silk Mixture, Rayon, Alpaca, and Mohair.
Claims use since August, 1914.

Ser. No. 401,830. THE MAGEE CARPET COMPANY, Bloomsburg, Pa. Filed Jan. 12, 1938.

CROWN

For Carpets and Rugs.
Claims use since May 18, 1933.

Ser. No. 402,398. THE MAGEE CARPET COMPANY, Bloomsburg, Pa. Filed Jan. 28, 1938.

NESTOR

For Carpets and Rugs.
Claims use since 1934.

Ser. No. 402,399. THE MAGEE CARPET COMPANY, Bloomsburg, Pa. Filed Jan. 28, 1938.

PAR

For Carpets and Rugs.
Claims use since 1937.

Ser. No. 402,400. THE MAGEE CARPET COMPANY, Bloomsburg, Pa. Filed Jan. 28, 1938.

PLATEAU

For Carpets and Rugs.
Claims use since 1934.

Ser. No. 402,402. THE MAGEE CARPET COMPANY, Bloomsburg, Pa. Filed Jan. 28, 1938.

PURPLE RIBBON

For Carpets and Rugs.
Claims use since 1915.

Ser. No. 402,479. INTERNATIONAL LOOMS INC., New York, N. Y. Filed Jan. 29, 1938.

Kingdom Kid

An International Fabric

The words "An International Fabric" are disclaimed apart from the mark.
For Piece Goods Comprised of Cotton, Wool, Silk, Rayon, and/or Combinations Thereof.
Claims use since Mar. 8, 1935.

Ser. No. 405,341. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y. Filed Apr. 16, 1938.

BLUE RIBBON

For Bed Sheets, Pillow Cases, Towels, Slip Covers, Furniture Scarfs, Textile Rug Pads, and Doilies.
Claims use since Aug. 10, 1910.

Ser. No. 406,113. BLOOMINGDALE BROS., INC., New York, N. Y. Filed May 9, 1938.

Hollyhuck

The word "Huck" is disclaimed except as shown.
For Towels.
Claims use since Apr. 8, 1938.

Ser. No. 406,223. MARVLO MILLS, INC., New York, N. Y. Filed May 11, 1938.

SOUVENIR PRINTS

The word "Prints" is disclaimed apart from the mark.
For Piece Goods of Cotton, Linen, Artificial and Natural Silk Goods, and Synthetic (Rayon and Acetate) Textile Fabrics, Plain, Colored, and Printed.
Claims use since January, 1938.

Ser. No. 406,226. S. E. RAINS CO. INC., New York, N. Y. Filed May 11, 1938.

MARTHA WASHINGTON TOWEL

The word "Towel" is disclaimed apart from the mark.
For Towels.
Claims use since Apr. 18, 1938.

Ser. No. 406,275. S. AUGSTEIN & Co., College Point. N. Y. Filed May 13, 1938.

CALICOOL

For Piece Goods Made of Wool, Worsted, Silk, Cotton, Linen, or Rayon, or Any Combination Thereof.
Claims use since May 6, 1938.

Ser. No. 406,809. KENNER, BROCKMAN & SCHLOSS, INC., Dalton, Ga. Filed May 27, 1938.

KEN-RAU

For Tufted Bedspreads, Hand-Made and Machine-Made.
Claims use since Jan. 1, 1928.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 400,910. KLEEN-O-DENT LABORATORIES, INC., Newark, N. J. Filed Dec. 16, 1937.

KLEEN-O-DENT

The portion "Kleen" is disclaimed apart from the remainder of the mark.
For Sterilizing Receptacles for Artificial Dentures.
Claims use since Feb. 16, 1937.

Ser. No. 402,183. HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed Jan. 21, 1938.

BLUE DIAMOND

For Sanitary Napkins, Sanitary Belts, and Absorbent Cotton.
Claims use since Aug. 6, 1933.

Ser. No. 405,987. HALGAR, INC., Chicago, Ill. Filed May 4, 1938.

Mar-Vo-Kurl

The word "Kurl" is disclaimed apart from the mark as shown.
For Permanent Wave Apparatus and Solutions Sold as a Unit.
Claims use since Dec. 1, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 405,813. HIGRADE PRODUCTS COMPANY, Braddock and Pittsburgh, Pa. Filed Apr. 28, 1938.

TUNE UP

For Nonalcoholic, Maltless Carbonated Beverages and Mixer for Making Same.
Claims use since Apr. 1, 1937.

Ser. No. 406,200. HIGH ROCK GINGER ALE COMPANY, Baltimore, Md. Filed May 10, 1938.



For Non-Alcoholic Maltless Beverages Sold as Soft Drinks and Extracts Used in Making Same.
Claims use since Feb. 2, 1937.

Ser. No. 407,045. WARWICK CLUB GINGER ALE CO., INC., West Warwick, R. I. Filed June 2, 1938.



For Non-Alcoholic Carbonated Beverages, Flavored and Unflavored.
Claims use since Dec. 1, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 392,901. WAPLES PLATTER COMPANY, Fort Worth, Tex. Filed May 17, 1937.

WHITE SWAN

For Canned Goods as Follows—Apricots, Artichokes, Asparagus Tips, Bartlett Pears, Beets, Blackeyed Peas, Black Raspberries, Carrots, Catsup, Cherries—Red Pitted, Cherries—Royal Anne, Coffee, Corn, Peaches, Egg Plums, Fruit Cocktail, Fruit Salad, Grapes, Green Gage Plums, Hominy, Honey, Lima Beans, Loganberries, Mexican Style Beans, Evaporated Milk, Mustard Greens, Okra, Okra and Tomato Sauce, Olive Oil, Peaches—Sliced and Halves, Peanut Butter, Peas, Pickled Apricots, Pickled Peaches, Pickled Pears, Pimientos, Pineapple—Sliced, Pork and Beans, Prunes—Fresh, Pumpkin, Queen Olives, Red Beans, Red Kidney Beans, Red Raspberries, Ripe Olives, Salmon, Shrimp, Soup, Spaghetti, Spinach, Strawberries, Stringless Beans, Syrup—Cane, Tomatoes, Tomato Juice, Tomato Purée, Tuna Fish, Turnip Greens, Chile Con Carne; and for Canned Baby Foods, as Follows—Apples, Assorted Vegetables, Vegetables With Beef Broth, Vegetable Soup, Beans, Green Beans, Beets, Carrots, Celery, Peas, Prunes, Spinach, and Tomatoes; and for Canned Jams, as Follows—Grape, Loganberry, Black Raspberry, Red Raspberry; and for Canned Jellies, as Follows—Red Currant, Blackberry, Grape, Concord Grape, Mint, Green Mint, Pineapple, Plum, Strawberry; and for Canned Preserves, as Follows—Apricot, Blackberry, Cherry, Pineapple, Pine Cot Being a Mixture of Pineapple and Apricot, Plum, Peach, Black Raspberry, Red Raspberry, Strawberry, Red Currant, Whole Fig; and for Package Goods, as Follows—Spices, as Follows: Allspice, Cinnamon, Cloves, Ginger, Nutmeg, Mustard, Paprika, Black Pepper, Red Pepper, White Pepper, Sage, Turmeric, Savory, Thyme, Marjoram, Mace, Curry Powder, Garlic Powder, Onion Powder, Anise Seed, Bay Leaves, Celery Seed, Cominos Seed, Mix Pickling, Mexican Chile Petine, Caraway Seed, and Japan Chillies; and Bran Flakes, Shredded Cocoanut, Coffee, Corn Flakes, Gelatine Dessert, Glace Peel, Ice Cream Powder, Marshmallows, Mince Meat, Raisins, Rice, Rolled Oats, Tea, Egg Noodles, Evaporated Apples; and for Bottled Goods, as Follows—Black Pepper, Chili Powder, Chili Blend Powder, Celery Salts, Garlic Powder, Onion Powder, Catsup, Chili Sauce, Honey, Hot Sauce, Maraschino Cherries, Mince Meat, Olive Oil, Peanut Butter, Pepper Sauce, Pimientos, Queen Olives, Ripe Olives, Salad Mustard, Shrimp, Stuffed Olives, Vinegar, Pure Vegetable Oil Used as a Base for Salad Dressing, Mayonnaise, 1000 Island Dressing, Lemon Extract and Vanilla Extract Used for Food Flavoring Purposes; and Pickles, as Follows—Dill, Sour, Sweet, Sweet Relish; and For Jams, as Follows—Grape, Loganberry, Red Raspberry, and Black Raspberry; and for Jellies, as Follows—Red Currant, Blackberry, Grape, Concord Grape, Mint, Green Mint, Pineapple, Plum, and Strawberry; and for Preserves, as Follows—Apricot, Blackberry, Cherry, Pineapple, Pine Cot, Plum, Peach, Black Raspberry, Red Raspberry, Strawberry, Red Currant, Whole Fig; and for Orange Marmalade.
Claims use since 1885.

Ser. No. 397,074. THE FARM BUREAU COOPERATIVE ASSOCIATION, INC., Columbus, Ohio. Filed Sept. 3, 1937.

MERMAKER

For Mixed Feed for Poultry and Livestock.
Claims use since Jan. 1, 1933.

Ser. No. 398,124. PACIFIC PACKING COMPANY, Oakdale, Calif. Filed Oct. 4, 1937.



For Canned Fruits, Canned Vegetables.
Claims use since Mar. 1, 1906.

Ser. No. 399,285. BAYVIEW CITRUS ASSOCIATION, Los Fresnos, Tex. Filed Nov. 4, 1937.

BAY VIEW

For Fresh Citrus Fruits.
Claims use since Oct. 17, 1936.

Ser. No. 399,286. BAYVIEW CITRUS ASSOCIATION, Los Fresnos, Tex. Filed Nov. 4, 1937.

RESACA

For Fresh Citrus Fruits.
Claims use since Oct. 17, 1936.

Ser. No. 399,688. STUART PLACE CITRUS ASSOCIATION, Harlingen, Tex. Filed Nov. 12, 1937.

LANTANA

For Fresh Citrus Fruits.
Claims use since 1932.

Ser. No. 400,137. TOLAND & DONALD, Mission, Tex. Filed Nov. 24, 1937.

Fruit Crest

No claim is made to the word "Fruit" apart from the mark.
For Fresh Citrus Fruits.
Claims use since 1930.

Ser. No. 400,496. ESTATE OF WILLIAM S. DWINNELL, deceased, doing business as Dwinnell Bros. Orchards, Minneapolis, Minn. Filed Dec. 6, 1937.

Pride of the North

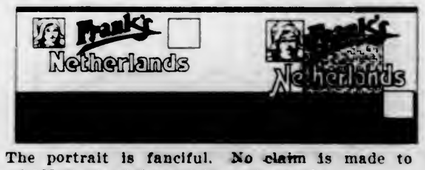
For Fresh Apples.
Claims use since October, 1934.

Ser. No. 401,141. CHARTON C. FRANTZ, doing business as The Frantz Company, Pittsburgh, Pa. Filed Dec. 22, 1937.

Cream-Day

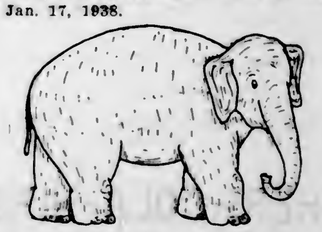
The word "Cream" is disclaimed apart from the mark.
For Bread, Rolls, Buns, Biscuits, Danish Pastry, Pies, Cakes, and Crackers.
Claims use since Dec. 13, 1937.

Ser. No. 401,733. THE FRANK PURE FOOD COMPANY, Franksville, Wis. Filed Jan. 10, 1938.



The portrait is fanciful. No claim is made to the word "Netherlands" apart from the mark.
For Canned Sauerkraut and Canned Sauerkraut Juice.
Claims use since September, 1934.

Ser. No. 401,919. LAWRENCE C. WATSON, Dallas, Tex. Filed Jan. 17, 1938.



JUMBO

For Hamburger Sandwiches.
Claims use since Apr. 1, 1935.

Ser. No. 402,263. HUDELSON SALES CORPORATION, doing business as General Popcorn Company, Los Angeles, Calif. Filed Jan. 24, 1938.



No claim is made to the representation of the goods apart from the mark.
For Popcorn in Its Natural State and Prepared Popcorn—Namely, Popped Popcorn.
Claims use since Jan. 11, 1938.

Ser. No. 402,683. HANOVER CANNING COMPANY, Hanover, Pa. Filed Feb. 4, 1938.

DAWN GLO

For Canned Vegetables.
Claims use since June 18, 1930.

Ser. No. 404,183. SYBIL PRIESTLEY, Monticello, Ill. Filed Mar. 17, 1938.

Spun PEANUT BRITTLE

Sybil Priestley

The signature is a facsimile of applicant's signature. No claim is made to the words "Peanut Brittle" or "Spun" apart from the mark.
For Peanut Brittle.
Claims use since 1936.

Ser. No. 404,390. BENN WINDT, New York, N. Y. Filed Mar. 22, 1938.

CHERI-COLA-NIPS

Applicant disclaims the words "Cheri-Cola" apart from the mark.
For Candy and Bon Bons.
Claims use since Jan. 5, 1937.

Ser. No. 405,171. R. H. MACY & CO., INC., New York, N. Y. Filed Apr. 12, 1938. Under section 5b of the act of 1905, as amended 1920.

MACY'S

For Almond Extract for Food Flavoring Purposes, Baking Powder, Barley, Bacon, Berry Sauces, Bird Foods, Biscuits, Bologna, Bouillon, Brandied Fruit, Bread, Butter, Cake Icing, Cakes, Cake Mix, Candy, Canned Berries, Canned Broths, Canned Chicken, Canned Consommés, Canned Fish, Canned Fruits, Canned Shell Fish, Canned Soups, Canned Vegetables, Catsup, Caviar, Cheese, Chili Con Carne, Chocolate, Chocolate Syrup for Food Purposes, Chow Chow, Chutney, Conserves, Cocoa, Coffee, Condensed Milk, Cookies, Corned Beef Hash, Corn Meal, Crackers, Dog Foods, Dried Beef, Dried Fruits, Dried Vegetables, Eggs, Evaporated Milk, Farina, Fish Foods, Fruit Butters, Fruit Peel, Fruit Sauces, Gelatine, Ginger, Ham, Honey, Horse Radish, Ice Cream Mixes, Jams, Jellies, Jelly Powder, Knackwurst, Liverwurst, Macaroni, Malted Milk, Mangoes, Maple Sugar, Marmalades, Marshmallow Topping, Meat Stews, Mince Meat, Molasses, Noodles, Nuts, Olive Oil, Olives, Pastry Mix, Peanut Butter, Pepper, Pickles, Pickled Fruits, Pimentos, Cheese Coated Popcorn, Pork and Beans; Fruit, Berry, and Melon Preserves; Pretzels, Puddings, Ravioli, Fruit and Vegetable Relishes, Rice, Rice Creole, Rice Flour, Sage, Fruit and Vegetable Salads, Salad Dressings, Salami, Salt, Samp; Meat, Fruit, and Vegetable Sauces; Sausages, Spaghetti, Spices, Table Syrups, Tapioca, Tea, Toast, Vinegar, Tongue, Cereal Wafers, Wheat Flour, and Whole Wheat Grain.
Claims use since 1933 on bird foods; since 1935 on dog foods; since 1933 on fish foods; since 1892 on puddings; and since 1896 on other goods.

Ser. No. 405,393. EVERETT JOHNSTON, doing business as King Salad Avocado Co., Vista, Calif. Filed Apr. 18, 1938.

KING SALAD

California's Finest

No claim is made to the words "Salad" or "California's Finest" apart from the mark.
For Fresh Avocados.
Claims use since Feb. 17, 1938.

Ser. No. 406,389. PAT LOGSTON, doing business as Southern Cooperative Canneries, Los Angeles, Calif. Filed May 16, 1938.

Calbart

For Canned Fruits and Vegetables, Jams, Canned Beans with Pork, Canned Hominy, Canned Tomato Catsup, Canned Fruit Salad, Canned Applesauce, Canned Spiced Peaches, Canned Sauerkraut, Canned Chow Chow, and Canned Sauerkraut Juice for Food Purposes.
Claims use since November, 1935.

Ser. No. 406,394. JOE LOWE CORPORATION, New York, N. Y. Filed May 16, 1938.

HONEYSICLE

For Frozen Confections.
Claims use since Apr. 28, 1938.

Ser. No. 406,645. DELRAY CORPORATION, San Francisco, Calif. Filed May 23, 1938.

HY-LINE

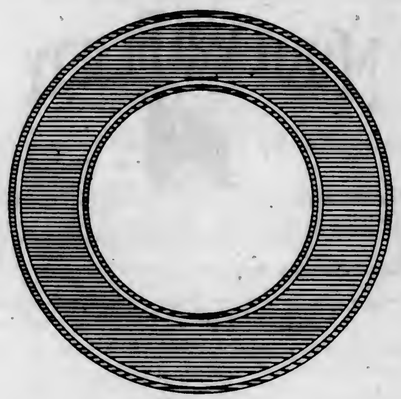
For Canned Spaghetti, Raviolis, and Mushroom Sauce.
Claims use since May 17, 1938.

Ser. No. 406,724. LINDSAY CITRUS GROWERS ASSOCIATION, Lindsay, Calif. Filed May 25, 1938.

VITALIZER

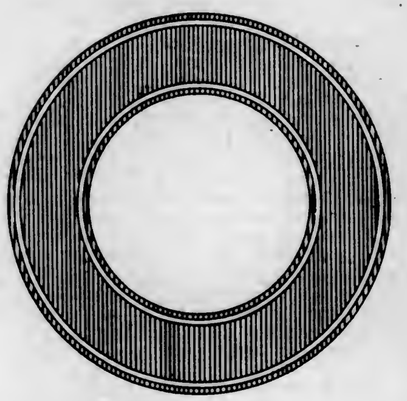
For Fresh Citrus Fruits.
Claims use since May 13, 1936.

Ser. No. 406,748. CHURCH & DWIGHT CO. INC., New York, N. Y. Filed May 26, 1938.



The band is colored blue.
For Baking Soda for Use as an Ingredient in the Preparation of Foods.
Claims use since 1869.

Ser. No. 406,749. CHURCH & DWIGHT CO. INC., New York, N. Y. Filed May 26, 1938.



The band is colored red.
For Baking Soda for Use as an Ingredient in the Preparation of Foods.
Claims use since 1869.

Ser. No. 406,828. RIVAL PACKING COMPANY, Chicago, Ill. Filed May 27, 1938.

RIVAL

Applicant is the owner of trade-mark registration No. 309,803.
For Cat Food.
Claims use since Mar. 4, 1935.

Ser. No. 406,965. LOTTE EICHMANN, doing business as Conquest Products, New York, N. Y. Filed June 1, 1938.

Conquest Chocolate

The word "Chocolate" is disclaimed apart from the mark.
For Candy.
Claims use since May 25, 1938.

Ser. No. 407,077. STEPHEN F. WHITMAN & SON, INC., Philadelphia, Pa. Filed June 3, 1938.

AIR-BONS

For Candy.
Claims use since Oct. 21, 1931.

CLASS 48

Malt Beverages and Liquors

Ser. No. 407,208. LOUIS ZIEGLER BREWING COMPANY, Beaver Dam, Wis. Filed June 7, 1938.

5-20

For Beer.
Claims use since May 9, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 389,718. PHILIP BLUM & COMPANY, INC., Chicago, Ill. Filed Mar. 6, 1937.

King Regent

For Whiskey.
Claims use since Jan. 4, 1937.

Ser. No. 396,015. WM. SANDERSON & SON, Leith, Scotland. Filed Aug. 4, 1937. Under 10-year proviso.

Sandersons

For Scotch Whisky.
Claims use since 1863.

Ser. No. 406,834. WILLIAM SOLOMON, doing business as William Solomon & Co., Baltimore, Md. Filed May 27, 1938.

MARYLAND BEAUTY



No claim is made to the word "Maryland" apart from the mark.

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.

Claims use since June, 1935.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JULY 19, 1938

358,489. METAL WOOD HOLDING CLEATS. SUPERIOR FASTENER CORPORATION, Chicago, Ill.
Filed April 6, 1935. Serial No. 363,470. PUBLISHED MAY 10, 1938. Class 13.

358,490. FILMS FOR THEATRICAL USE. AFFILIATED ENTERPRIZES, INC., Denver, Colo.
Filed August 26, 1935. Serial No. 368,673. PUBLISHED JANUARY 14, 1936. Class 26.

358,491. MOUTHWASH. PUREPAC CORPORATION, New York, N. Y.
Filed December 17, 1935. Serial No. 372,746. PUBLISHED DECEMBER 8, 1936. Class 6.

358,492. SALTS AND ESTERS OF PARA-HYDROXYL-ACIDS. HEYDEN CHEMICAL CORPORATION, New York, N. Y.
Filed March 20, 1936. Serial No. 376,207. PUBLISHED MARCH 16, 1937. Class 6.

358,493. WHISKEY, GIN, RUM, BRANDY, COGNAC, AND ALCOHOLIC CORDIALS. JOHN H. MILLER, doing business as Miller Bros., Baltimore, Md.
Filed May 2, 1936. Serial No. 377,930. PUBLISHED JUNE 9, 1936. Class 49.

358,494. HAIR WAVING PREPARATION. ERNEST G. GARDONI, doing business as Vitalic Manufacturing Co., New York, N. Y.
Filed May 8, 1936. Serial No. 378,196. PUBLISHED JUNE 8, 1937. Class 6.

358,495. TOILET PREPARATIONS—NAMELY, NAIL POLISH, NAIL WHITE, NAIL POLISH REMOVER, CUTICLE OIL, AND CUTICLE REMOVER. RISMONTI, INC., St. Louis, Mo., assignor to Missouri Products Company, Inc., University City, Mo., a corporation of Missouri.
Filed September 30, 1936. Serial No. 383,820. PUBLISHED APRIL 26, 1938. Class 6.

358,496. MAGAZINE PUBLISHED MONTHLY. WRIGHT AERONAUTICAL CORPORATION, Paterson, N. J.
Filed October 8, 1936. Serial No. 384,105. PUBLISHED FEBRUARY 22, 1938. Class 38.

358,497. DRIED PEAS, AND DRIED BEANS OF THE FOLLOWING VARIETIES: LIMAS, PINTOS, SMALL REDS, BABY LIMAS, RED KIDNEYS, SMALL WHITES, AND GREAT NORTHERNS. THE TRINIDAD BEAN AND ELEVATOR COMPANY, Denver, Colo.
Filed October 12, 1936. Serial No. 384,276. PUBLISHED FEBRUARY 2, 1937. Class 46.

358,498. MACHINES FOR GRINDING METAL. FITCHBURG GRINDING MACHINE CORP., Fitchburg, Mass.
Filed October 28, 1936. Serial No. 384,916. PUBLISHED MAY 10, 1938. Class 23.

358,499. CHOCOLATE FUDGE SAUCE OF RELATIVELY HEAVY LACTIC BODY AND LESS SWEET THAN ORDINARY CHOCOLATE SYRUPS, ALSO UPON A BUTTERSCOTCH SYRUP AND UPON A COFFEE FLAVORED SYRUP, ALL OF WHICH SYRUPS ARE FOR USE IN ICE CREAM SODAS AND SUNDAES. ABBOTTS DAIRIES, INCORPORATED, Philadelphia, Pa.
Filed November 21, 1936. Serial No. 385,825. PUBLISHED MAY 10, 1938. Class 46.

358,500. PHOTOGRAPHIC LENSES. TAYLOR, TAYLOR & HOBSON, LIMITED, Leicester, England.
Filed February 23, 1937. Serial No. 389,274. PUBLISHED MAY 10, 1938. Class 26.

358,501. CHILDREN'S PLAYSUITS. SACKMAN BROTHERS COMPANY, New York, N. Y.
Filed February 27, 1937. Serial No. 389,477. PUBLISHED MAY 10, 1938. Class 39.

358,502. WHISKEY. WOODFORD COUNTY DISTILLERY CO., Midway, Ky., and St. Louis, Mo.
Filed March 2, 1937. Serial No. 389,584. PUBLISHED APRIL 13, 1937. Class 49.

358,503 PRINTING MACHINES. WOOD NEWSPAPER MACHINERY CORPORATION, New York, N. Y.
Filed March 4, 1937. Serial No. 389,666. PUBLISHED MAY 10, 1938. Class 23.

358,504. RICE. C. E. GROSJEAN RICE MILLING CO., San Francisco, Calif.
Filed March 24, 1937. Serial No. 390,450. PUBLISHED SEPTEMBER 28, 1937. Class 46.

358,505. DRESSED AND LUSTERED HIDES, PELTS, AND SKINS OF ALL KINDS FOR FURS. SOCIETE ANONYME DES ANCIENS ETABLISSEMENTS C. & E. CHAPAL FRERES & CIE., Montreuil-sous-Bois, France.
Filed May 4, 1937. Serial No. 392,292. PUBLISHED MAY 10, 1938. Class 1.

358,506. STAPLING MACHINES, TACKERS, AND PLIERS. PARROT SPEED FASTENER CORP., New York, and Long Island City, N. Y.
Filed May 10, 1937. Serial No. 392,550. PUBLISHED MAY 10, 1938. Class 23.

358,507. HYPNOTIC PREPARATION. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed May 10, 1937. Serial No. 392,566. PUBLISHED NOVEMBER 2, 1937. Class 6.

358,508. STOCK AND POULTRY FEED, DRESSED POULTRY, BUTTER, EGGS, AND WHEAT FLOUR. IOWA POULTRY PRODUCERS MARKETING ASSOCIATION, Ottumwa, Iowa.
Filed May 14, 1937. Serial No. 392,757. PUBLISHED FEBRUARY 22, 1938. Class 46.

358,509. COUGH MEDICINES, CHOLAGOGUES, CAMPHOR PREPARATIONS FOR ORAL APPLICATION, RESPIRATORY STIMULANTS, SPASMOLYTIC MEDICINES, ETC. C. H. BOEHRINGER SOHN AKTIENGESELLSCHAFT, Nieder-Ingelheim-on-the-Rhine, Germany.
Filed May 18, 1937. Serial No. 392,909. PUBLISHED FEBRUARY 15, 1938. Class 6.

358,510. APPARATUS FOR REFINING HYDROCARBON OILS, ADAPTED TO TREAT HYDROCARBON OILS UNDER REDUCED TEMPERATURES WITH CONTACTING AGENTS. STRATFORD ENGINEERING CORPORATION, Kansas City, Mo.
Filed May 24, 1937. Serial No. 393,188. PUBLISHED MAY 10, 1938. Class 23.

358,511. SKIS AND COMPONENT PARTS THEREOF. WILLIAM J. BEER COMPANY, INC., New York, N. Y.
Filed May 25, 1937. Serial No. 393,207. PUBLISHED MAY 10, 1938. Class 22.

358,512. SKIS AND COMPONENT PARTS THEREOF. WILLIAM J. BEER COMPANY, INC., New York, N. Y.
Filed May 25, 1937. Serial No. 393,208. PUBLISHED MAY 10, 1938. Class 22.

358,513. CHEESE. GERBER & CO., INC., New York, N. Y.
Filed May 26, 1937. Serial No. 393,273. PUBLISHED MAY 10, 1938. Class 46.

358,514. MACKINAWS. LAKELAND MANUFACTURING COMPANY, Sheboygan, Wis.
Filed June 2, 1937. Serial No. 393,539. PUBLISHED AUGUST 17, 1937. Class 39.

358,515. DIESEL LOCOMOTIVES, GAS MECHANICAL LOCOMOTIVES, AND PARTS THEREOF. THE CERAMIC MACHINERY COMPANY, Hamilton, Ohio.
Filed June 16, 1937. Serial No. 394,122. PUBLISHED JANUARY 25, 1938. Class 23.

358,516. SOUNDING HORNS, SIGNALS, AUDIBLE ALARMS, AND PARTS THEREOF, FOR USE WITH FIRE ALARM ELECTRICAL SIGNALING SYSTEMS AND FOR GENERAL USE. HORNI SIGNAL MANUFACTURING CORPORATION, New York, N. Y.
Filed June 19, 1937. Serial No. 394,283. PUBLISHED MAY 10, 1938. Class 21.

358,517. BEER. MARSHALL KEIG, trustee for Prima Company, Chicago, Ill.
Filed June 29, 1937. Serial No. 394,666. PUBLISHED MAY 10, 1938. Class 48.

358,518. PERFUMED WATER SOFTENING CHEMICAL FOR USE IN THE BATH AND FOR LAUNDERING DELICATE FABRICS. CALGON, INC., Pittsburgh, Pa.
Filed July 16, 1937. Serial No. 395,274. PUBLISHED MAY 10, 1938. Class 6.

358,519. HAND LOTIONS. DRUGGISTS' CORPORATION, LIMITED, Toronto, Ontario, Canada.
Filed July 20, 1937. Serial No. 395,447. PUBLISHED MAY 10, 1938. Class 6.

358,520. TANNERY MATERIALS AND EXTRACTS IN BOTH LIQUID AND SOLID FORMS, BOTH OF WHICH CONTAIN LIGNIN-SULPHONIC ACID COMPOUNDS. MARATHON PAPER MILLS COMPANY, doing business as Marathon Chemical Company, Rothschild, Wis.
Filed July 26, 1937. Serial No. 395,645. PUBLISHED NOVEMBER 2, 1937. Class 6.

358,521. CIGARS. ANTHONY KLEINER, Grand Rapids, Mich.
Filed August 13, 1937. Serial No. 396,292. PUBLISHED MAY 10, 1938. Class 17.

358,522. MEDICINAL PREPARATION USED IN THE TREATMENT OF PILES. HENRY L. GERBOTH, doing business as Enzal Research Products, Milwaukee, Wis.
Filed August 26, 1937. Serial No. 396,772. PUBLISHED MAY 3, 1938. Class 6.

358,523. HAIR WAVING FLUIDS, HAND LOTIONS, SHAMPOOS, BATH ESSENCE, CUTICLE REMOVER, CUTICLE OIL, NAIL POLISHES, NAIL POLISH REMOVERS, NAIL LOTION, SUN TAN OIL, BRILLIANTINE, NAIL CONDITIONER, DEODORANT. MARATHON LABORATORIES, INC., Newark, N. J.
Filed August 30, 1937. Serial No. 396,925. PUBLISHED MAY 3, 1938. Class 6.

358,524. TABLETS FOR CURING MEAT AND FOR FOOD COLOR TABLETS. WM. J. STANGE CO., Chicago, Ill.
Filed August 30, 1937. Serial No. 396,934. PUBLISHED MAY 10, 1938. Class 6.

358,525. CANDY. BEN MYERSON, INC., Los Angeles, Calif.
Filed September 8, 1937. Serial No. 397,222. PUBLISHED MAY 10, 1938. Class 46.

358,526. ONION POWDER AND GARLIC POWDER. ECONOMY FOOD CO., Vacaville, Calif.
Filed September 22, 1937. Serial No. 397,648. PUBLISHED JANUARY 11, 1938. Class 46.

358,527. TISSUE CREAM, SKIN TONIC, FOUNDATION CREAM, AND LIQUEFIED CLEANSING CREAM. AGNES E. HANNA, New York, N. Y.
Filed September 30, 1937. Serial No. 397,969. PUBLISHED MAY 10, 1938. Class 6.

358,528. CAPSULES CONTAINING WHEAT GERM OIL, HALIBUT OIL, AND CALCIUM MONOPHOSPHATE EQUIVALENT TO VITAMINS A, D, AND E. FRANK W. HORNER, LIMITED, Montreal, Canada.
Filed October 7, 1937. Serial No. 398,246. PUBLISHED FEBRUARY 8, 1938. Class 6.

358,529. PAINT ENAMELS. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill.
Filed October 14, 1937. Serial No. 398,470. PUBLISHED MAY 10, 1938. Class 16.

358,530. FUSEES. EMBURY MANUFACTURING COMPANY, Warsaw, N. Y.
Filed October 20, 1937. Serial No. 398,719. PUBLISHED MAY 3, 1938. Class 9.

358,531. HEADACHE POWDERS. U. S. REMEDY CO., Hattiesburg, Miss., assignor to Anthony M. Odom, Jr., Hattiesburg, Miss.
Filed October 20, 1937. Serial No. 398,744. PUBLISHED MARCH 15, 1938. Class 6.

358,532. AGRICULTURAL INSECTICIDES—NAMELY, BORDEAUX MIXTURE, TOMATO DUST, OIL EMULSION, LIME SULPHUR SOLUTION, DERRIS DUST, PARIS GREEN, SULPHUR, PYRETHRUM DUST, AND CABBAGE DUST. COASTAL CHEMICAL COMPANY, INC., Harlingen, Tex.
Filed October 21, 1937. Serial No. 398,756. PUBLISHED APRIL 19, 1938. Class 6.

358,533. EYE LOTION. JOHN CANALES, doing business as Eyetrainer Laboratory, Astoria, N. Y.
Filed October 29, 1937. Serial No. 399,071. PUBLISHED APRIL 26, 1938. Class 6.

358,534. PISTON RINGS. KOPPERS COMPANY, Pittsburgh, Pa., and Baltimore, Md.
Filed October 29, 1937. Serial No. 399,093. PUBLISHED FEBRUARY 15, 1938. Class 35.

358,535. FRESH DECIDUOUS FRUITS. PACIFIC FRUIT & PRODUCE CO., Seattle, Wash.
Filed November 12, 1937. Serial No. 399,674. PUBLISHED MAY 3, 1938. Class 46.

358,536. BRANDY, COGNAC, WHISKEY, GIN, RUM, CORDIALS, AND LIQUEURS. JULIUS WILE, SONS & CO., INC., New York, N. Y.
Filed November 12, 1937. Serial No. 399,693. PUBLISHED MAY 10, 1938. Class 49.

358,537. SHERRIES, PORTS, CHAMPAGNE, BORDEAUX WINES, BURGUNDIES, ALSATIAN WINES, MOSELLE WINES, RHINE WINES, VERMOUTH, MARSALA WINES, CHIANTI WINES, MADEIRAS, TOKAYS, AND HUNGARIAN TABLE WINES, MALAGAS, AND MUSCATELS. JULIUS WILE, SONS & CO., INC., New York, N. Y.
Filed November 12, 1937. Serial No. 399,694. PUBLISHED MAY 10, 1938. Class 47.

358,538. KRAFT PAPER FOR WRAPPING AND CONVERTING PURPOSES. THE ALBEMARLE PAPER MFG. COMPANY, Richmond, Va.
Filed November 17, 1937. Serial No. 399,818. PUBLISHED MAY 10, 1938. Class 37.

358,539. TABLET FOR THE RELIEF OF SIMPLE HEADACHE, NEURALGIA, SIMPLE HEAD COLDS, MUSCULAR ACHES, AND PAINS. ADOLPH C. ONNEN, doing business as Say-So Remedy Company, Baltimore, Md.
Filed November 17, 1937. Serial No. 399,854. PUBLISHED MAY 3, 1938. Class 6.

358,540. WINES. G. FAVA FRUIT COMPANY, INC., Baltimore, Md.
Filed November 23, 1937. Serial No. 400,059. PUBLISHED FEBRUARY 8, 1938. Class 47.

358,541. COSMETICS—NAMELY, FACE POWDER AND FOUNDATION CREAM. LARILAB, New York, N. Y.
Filed November 24, 1937. Serial No. 400,107. PUBLISHED FEBRUARY 1, 1938. Class 6.

358,542. FRESH CITRUS FRUITS. TOLAND & DONALD, Mission, Tex.
Filed November 24, 1937. Serial No. 400,139. PUBLISHED FEBRUARY 15, 1938. Class 46.

358,543. HAND LOTION. GUSSIE FUNCHES, St. Louis, Mo.
Filed November 26, 1937. Serial No. 400,157. PUBLISHED FEBRUARY 15, 1938. Class 6.

358,544. NOISE RESPONSIVE CONTROL APPARATUS FOR AUTOMATICALLY CONTROLLING THE OPERATION OF A MECHANISM. HARDINGE COMPANY, INCORPORATED, York, Pa.
Filed December 4, 1937. Serial No. 400,459. PUBLISHED MAY 10, 1938. Class 26.

358,545. THERAPEUTIC VITAMIN PREPARATION. DR. MADAUS & COMPANY, Dresden, Germany.
Filed December 7, 1937. Serial No. 400,559. PUBLISHED MAY 3, 1938. Class 6.

358,546. WOMEN'S AND MISSES' COATS AND SUITS. WELLESLEY MODES INC., New York, N. Y.
Filed December 8, 1937. Serial No. 400,622. PUBLISHED MAY 10, 1938. Class 39.

358,547. DESK PADS, WRITING PADS, AND MEMORANDUM PADS. COLUMBIAN ART WORKS, INC., Milwaukee, Wis.
Filed December 9, 1937. Serial No. 400,633. PUBLISHED MAY 10, 1938. Class 37.

358,548. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED OUTERWEAR AND BEACHWEAR—NAMELY, SWEATERS, PLAY SUITS, JACKETS, SHIRTS, BATHING SUITS, PAJAMAS, AND BEACH ROBES. JAYKNIT COMPANY, INC., New York, N. Y.
Filed December 11, 1937. Serial No. 400,671. PUBLISHED MAY 10, 1938. Class 39.

358,549. ROSIN OIL FOR GENERAL USE IN THE INDUSTRIAL ARTS. NATIONAL ROSIN OIL & SIZE COMPANY, Savannah, Ga.
Filed December 10, 1937. Serial No. 400,697. PUBLISHED MAY 3, 1938. Class 6.

358,550. BUTTER. FRANK PILLEY & SONS, INC., Omaha, Nebr.
Filed December 15, 1937. Serial No. 400,876. PUBLISHED MAY 10, 1938. Class 46.

358,551. COFFEE AND CANNED VEGETABLES. KEIL COMPANY, Billings, Mont.
Filed December 20, 1937. Serial No. 401,062. PUBLISHED MAY 10, 1938. Class 46.

358,552. MEN'S AND BOYS' SUITS AND OVERCOATS. LOUIS GOLDMAN, Philadelphia, Pa.
Filed December 21, 1937. Serial No. 401,107. PUBLISHED APRIL 26, 1938. Class 39.

358,553. PESSARY APPLICATORS. ROBERT ALEXANDER BACHMANN, doing business as The Bach Pessaiator Company, New York, N. Y.
Filed December 23, 1937. Serial No. 401,175. PUBLISHED MAY 10, 1938. Class 44.

358,554. MEDICINAL PREPARATION FOR ATHLETE'S FOOT. PARKER DRUG CO., INC., Raleigh, N. C.
Filed December 22, 1937. Serial No. 401,362. PUBLISHED APRIL 5, 1938. Class 6.

358,555. BELT DRESSING AND PRESERVER. ENSIGN PRODUCTS COMPANY, Cleveland, Ohio.
Filed December 30, 1937. Serial No. 401,364. PUBLISHED MAY 10, 1938. Class 4.

358,556. RESINS, PARTICULARLY, SYNTHETIC RESINS AND PROCESSED NATURAL RESINS, RESIN SOLUTIONS, PARTICULARLY PLASTIC RESIN SOLUTIONS. BECK, KOLLER & CO., INC., Detroit, Mich.
Filed January 3, 1938. Serial No. 401,467. PUBLISHED MAY 10, 1938. Class 1.

358,557. NOSE DROPS FOR AFFECTIONS OF THE NOSE AND THROAT. PAUL H. POLLOCK, doing business as Cajon Manufacturing Company, New York, N. Y.
Filed January 7, 1938. Serial No. 401,679. PUBLISHED MAY 3, 1938. Class 6.

358,558. COFFEE. WITWER GROCER COMPANY, doing business as Coffee Sales Company, Cedar Rapids, Iowa.
Filed January 8, 1938. Serial No. 401,713. PUBLISHED MAY 10, 1938. Class 46.

358,559. COMPOUND FOR APPLICATION TO BOAT BOTTOMS FOR PREVENTING BARNACLE FORMATIONS. ARCADE LABORATORIES, Freeport, N. Y.
Filed January 11, 1938. Serial No. 401,762. PUBLISHED APRIL 26, 1938. Class 6.

358,560. CHEESE. S. HOLST-KNUDSEN, New York, N. Y.
Filed January 13, 1938. Serial No. 401,864. PUBLISHED MAY 3, 1938. Class 46.

358,561. FOOD PRODUCT CONSISTING OF DEHYDRATED CHEESE, VEGETABLE OILS, SEASONING, AND ARTIFICIAL COLORING, USED AS AN INGREDIENT IN MAKING A CHEESE FLAVORED FOOD PRODUCT, FOR USE ON POPCORN AND OTHER FOOD PRODUCTS. THE BORDEN COMPANY, New York, N. Y.
Filed January 14, 1938. Serial No. 401,885. PUBLISHED MAY 10, 1938. Class 46.

358,562. MIXTURE COMPRISING DEXTROSE, CALCIUM OXIDE, MAGNESIUM OXIDE, SODIUM CHLORIDE, AND OTHER INGREDIENTS, WHICH MIXTURE IS USED PRIMARILY AS AN ACID STANDARDIZER IN PROCESSING MILK AND IN THE CONFECTION OF ICE CREAM. DE-RAEF CORPORATION, Kansas City, Mo.
Filed January 14, 1938. Serial No. 401,891. PUBLISHED APRIL 5, 1938. Class 6.

358,563. INSTRUMENTS TO BE USED IN DETERMINING THE FLIGHT BALANCE OF AIRCRAFT AND DIALS TO BE USED WITH SUCH INSTRUMENTS. COX & STEVENS AIRCRAFT CORP., Mineola, N. Y.
Filed January 15, 1938. Serial No. 401,924. PUBLISHED MAY 10, 1938. Class 26.

358,564. PREPARATION USED AS A NUTRITIVE AND STIMULANT TONIC IN MUSCULAR DISEASE AND FATIGUE. MEDICINAL RESEARCH LABORATORIES, Philadelphia, Pa.
Filed January 17, 1938. Serial No. 402,012. PUBLISHED MAY 10, 1938. Class 6.

358,565. CORN SYRUP. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y.
Filed January 19, 1938. Serial No. 402,081. PUBLISHED MAY 10, 1938. Class 46.

358,566. CHEMICAL WEED-KILLER COMPOUNDS. THE BARTELDES SEED COMPANY, Denver, Colo.
Filed January 19, 1938. Serial No. 402,083. PUBLISHED APRIL 19, 1938. Class 6.

358,567. FLOUR, PARTICULARLY WHEAT FLOUR. GENERAL MILLS, INC., Minneapolis, Minn.
Filed January 19, 1938. Serial No. 402,091. PUBLISHED MAY 3, 1938. Class 46.

358,568. DENTIFRICE FOR BOTH NATURAL TEETH AND ARTIFICIAL TEETH. THE PLATE KLEEN PRODUCTS COMPANY, Dayton, Ohio.
Filed January 24, 1938. Serial No. 402,275. PUBLISHED MAY 10, 1938. Class 6.

358,569. MISSES' AND CHILDREN'S DRESSES, PLAYSUITS, SLACKS, SKIRTS, BLOUSES, SCARVES, JACKETS MADE OF WOOL, COTTON, SILK, SPUN RAYONS, AND COMBINATIONS THEREOF. BORGENICHT BROS., INC., New York, N. Y.
Filed January 26, 1938. Serial No. 402,326. PUBLISHED MAY 10, 1938. Class 39.

358,570. CHEMICAL COMPOSITION TO BE USED AS A CORROSION RESISTING MATERIAL. CORROSION CONTROL CORPORATION, New York, N. Y.
Filed January 26, 1938. Serial No. 402,330. PUBLISHED APRIL 26, 1938. Class 6.

358,571. COAL. UNION COAL COMPANY, INC., Rochester, N. Y.
Filed January 26, 1938. Serial No. 402,352. PUBLISHED MAY 10, 1938. Class 1.

358,572. SYNTHETIC RESINS SOLD IN SHAPED PIECES FOR INDUSTRIAL PURPOSES. MOULDRITE LIMITED, London, England.
Filed January 28, 1938. Serial No. 402,432. PUBLISHED MAY 10, 1938. Class 1.

358,573. PREPARATION FOR APPLICATION ON EYELASHES AND EYEBROWS. HORTENSE VAN RAALTE, New York, N. Y.
Filed January 28, 1938. Serial No. 402,455. PUBLISHED MAY 3, 1938. Class 6.

358,574. GAS BURNERS AND OIL BURNERS. ALVA GUY BLANCHARD, doing business as Inferno Company, Shreveport, La.
Filed January 29, 1938. Serial No. 402,466. PUBLISHED MAY 10, 1938. Class 34.

358,575. MEDICINE FOR THE TREATMENT OF EAR ACHE AND SINUS INFECTIONS. KE-RA PRODUCTS, Oakland, Calif.
Filed February 1, 1938. Serial No. 402,567. PUBLISHED MAY 3, 1938. Class 6.

358,576. DRY SHAVERS. SINGER SHAVER CORPORATION, Wilmington, Del.
Filed February 1, 1938. Serial No. 402,577. PUBLISHED MAY 10, 1938. Class 23.

358,577. MEDICAL PREPARATION IN THE FORM OF A WAX TO BE MELTED AND USED IN THE MAKING OF DRAWING PLASTERS FOR TREATMENT OF SUPERFICIAL INJURIES SUCH AS CUTS AND ABRASIONS. WILLIAM B. HILBERT, doing business as Infecnox Laboratories, Grand Island, Nebr.
Filed February 3, 1938. Serial No. 402,629. PUBLISHED APRIL 26, 1938. Class 6.

358,578. WOMEN'S AND MISSES' ONE-PIECE BATHING SUITS MADE OF KNITTED, PRINTED RAYON FABRIC. LOOMTOGS, INC., New York, N. Y.
Filed February 3, 1938. Serial No. 402,639. PUBLISHED MAY 10, 1938. Class 39.

358,579. PURIFIED ALKYL SULFATE. THE PEPSODENT CO., Chicago, Ill.
Filed February 3, 1938. Serial No. 402,645. PUBLISHED APRIL 26, 1938. Class 6.

358,580. PRINTING MATS, ELECTROTYPES, STEREOTYPES, AND PHOTOENGRAVINGS. WINFIELD E. CLINE, doing business as Cline Advertising Service, Boise, Idaho.
Filed February 4, 1938. Serial No. 402,676. PUBLISHED MAY 10, 1938. Class 50.

358,581. SODIUM CHLORITE. THE MATHIESON ALKALI WORKS (INC.), New York, N. Y.
Filed February 4, 1938. Serial No. 402,688. PUBLISHED APRIL 26, 1938. Class 6.

358,582. HERBICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed February 5, 1938. Serial No. 402,713. PUBLISHED APRIL 26, 1938. Class 6.

358,583. HERBICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed February 5, 1938. Serial No. 402,714. PUBLISHED APRIL 26, 1938. Class 6.

358,584. HERBICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed February 5, 1938. Serial No. 402,715. PUBLISHED APRIL 26, 1938. Class 6.

358,585. DELIQUESCENT MATERIAL FOR PURIFYING AND CONDITIONING AIR. CALORIDER CORPORATION, Old Greenwich, Conn.
Filed February 5, 1938. Serial No. 402,716. PUBLISHED APRIL 26, 1938. Class 6.

358,586. PREPARATIONS FOR PERFUMING ROOMS, CLOSETS, AND THE LIKE. LENTHERIC, INCORPORATED, New York, N. Y.
Filed February 5, 1938. Serial No. 402,728. PUBLISHED APRIL 26, 1938. Class 6.

358,587. COSMETICS—NAMELY, LIPSTICKS, FACE POWDERS, ROUGE, LIP ROUGE, MASCARA, AND FACE CREAMS. EARL B. MCKINNEY, New York, N. Y.
Filed February 5, 1938. Serial No. 402,735. PUBLISHED APRIL 26, 1938. Class 6.

358,588. THREAD AND YARN. NEW PROCESS RAYON, INC., Gloucester, N. J.
Filed February 5, 1938. Serial No. 402,740. PUBLISHED MAY 3, 1938. Class 43.

358,589. CANNED CITRUS JUICES FOR FOOD PURPOSES. MUTUAL CITRUS PRODUCTS CO., Anaheim, Calif.
Filed February 7, 1938. Serial No. 402,785. PUBLISHED MAY 3, 1938. Class 46.

358,590. SKIN LOTION. R & S DIME STORES INC., Columbus, Ohio.
Filed February 7, 1938. Serial No. 402,794. PUBLISHED APRIL 26, 1938. Class 6.

358,591. ELECTRICAL CIRCUIT BREAKERS, SWITCHES, FUSES, FUSE PLUG CUT-OUTS, BASES, OUTLET BOX AND HOUSINGS, RECEPTACLES, SOCKETS, ETC. THE ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn.
Filed February 8, 1938. Serial No. 402,812. PUBLISHED MAY 10, 1938. Class 21.

358,592. NAIL POLISH REMOVER PADS TREATED WITH A CHEMICAL AND CLEANSING PADS SATURATED WITH CLEANSING SOLUTION FOR TOILET USE. CLARK-MILLNER CO., doing business as Escort Co., Chicago, Ill.
Filed February 9, 1938. Serial No. 402,843. PUBLISHED MAY 10, 1938. Class 6.

358,593. WINES—NAMELY, HAUT SAUTERNES, GRAVES, SAUTERNES, AND BARSAC. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed February 9, 1938. Serial No. 402,862. PUBLISHED MAY 10, 1938. Class 47.

358,594. MACHINES FOR DEVELOPING DIAZO TYPE PRINTS AND PARTS THEREOF. OZALID CORPORATION, New York, N. Y.
Filed February 11, 1938. Serial No. 402,949. PUBLISHED MAY 10, 1938. Class 26.

358,595. PHOTOCOPYING APPARATUS, SUPPLIES THEREFOR, AND PARTS THEREOF—NAMELY, PHOTOGRAPHIC PRINTING MACHINES AND SENSITIZED PAPER. HUNTER ELECTRO-COPYIST, INC., Syracuse, N. Y.
Filed February 12, 1938. Serial No. 402,977. PUBLISHED MAY 10, 1938. Class 26.

358,596. CANNED CITRUS JUICES FOR BEVERAGE PURPOSES. MUTUAL CITRUS PRODUCTS CO., Anaheim, Calif.
Filed February 14, 1938. Serial No. 403,015. PUBLISHED MAY 10, 1938. Class 45.

358,597. PREPARATION FOR USE AS A TONIC AND ROUNDWORM TREATMENT FOR POULTRY. RALSTON PURINA COMPANY, St. Louis, Mo.
Filed February 14, 1938. Serial No. 403,017. PUBLISHED APRIL 26, 1938. Class 6.

358,598. PREPARATION USED IN THE TREATMENT OF CERTAIN GYNECOLOGIC, GASTRO-INTESTINAL AND GENITO-URINARY CONDITIONS. FREDERICK STEARNS & COMPANY, Detroit, Mich.
Filed February 14, 1938. Serial No. 403,022. PUBLISHED APRIL 26, 1938. Class 6.

358,599. WINDOW SHADES. CLOPAY CORPORATION, Cincinnati, Ohio.
Filed February 15, 1938. Serial No. 403,034. PUBLISHED MAY 10, 1938. Class 32.

358,600. FOOT OINTMENT. SIKTO LABORATORIES, New York, N. Y.
Filed February 16, 1938. Serial No. 403,098. PUBLISHED APRIL 26, 1938. Class 6.

358,601. PHOTOGRAPHIC APPARATUS, SUCH AS FILM WIPERS, DEVELOPING TANKS, DEVELOPING THERMOMETERS, TIMERS, AND FILM RACKS. FINK-ROSELIEVE CO. INC., New York, N. Y.
Filed February 17, 1938. Serial No. 403,122. PUBLISHED MAY 10, 1938. Class 26.

358,602. PHOTOGRAPHIC APPARATUS, SUCH AS FILM WIPERS, DEVELOPING TANKS, DEVELOPING THERMOMETERS, TIMERS, AND FILM RACKS. FINK-ROSELIEVE CO. INC., New York, N. Y.
Filed February 17, 1938. Serial No. 403,123. PUBLISHED MAY 10, 1938. Class 26.

358,603. COSMETICS—NAMELY, TALCUM, BATH AND FACE POWDER, ROUGE, LIPSTICK, PERFUMES, EXTRACT OF PERFUME, TOILET WATER, SACHET, FACE CREAM, AND CLEANSING CREAM. PARFUMS CHARBERT, INC., New York, N. Y.
Filed February 17, 1938. Serial No. 403,144. PUBLISHED APRIL 26, 1938. Class 6.

358,604. PREPARATION FOR THE TREATMENT OF INCIPIENT COLDS, CORYZA, HAY FEVER, NASAL CATARRH, VAGINITIS, CERVICITIS, LEUCORRHEA, URETHRITIS, PILES, AND A GENERAL ANTISEPTIC, GERMICIDAL ALLEVIANT. PERCY EDSON SNELL, New York, N. Y.
Filed February 17, 1938. Serial No. 403,149. PUBLISHED APRIL 26, 1938. Class 6.

358,605. PREPARATION FOR THE TREATMENT OF INCIPIENT COLDS, CORYZA, HAY FEVER, NASAL CATARRH, VAGINITIS, CERVICITIS, LEUCORRHEA, URETHRITIS, PILES, AND A GENERAL ANTISEPTIC, GERMICIDAL ALLEVIANT. PERCY EDSON SNELL, New York, N. Y.
Filed February 17, 1938. Serial No. 403,150. PUBLISHED APRIL 26, 1938. Class 6.

358,606. MARSHMALLOW CREAM AND PREPARED COCOA. DURKEE-MOWER, INC., Lynn, Mass.
Filed February 18, 1938. Serial No. 403,171. PUBLISHED MAY 10, 1938. Class 46.

358,607. LIQUID PREPARATION FOR CLEANING AND POLISHING GLASS AND METAL. CLAUDE H. HOOVER, doing business as C-Lite Products, Goshen, Ind.
Filed February 18, 1938. Serial No. 403,178. PUBLISHED MAY 10, 1938. Class 4.

358,608. PREPARED CEREAL BREAKFAST FOOD, CONSISTING OF WHEAT, RYE, BUCKWHEAT, BRAN, OATS, AND CORN WITH SUGAR, SALT, AND DEXTROSE ADDED. THE CERA-LAC COMPANY, Los Angeles, Calif.
Filed February 19, 1938. Serial No. 403,195. PUBLISHED MAY 10, 1938. Class 46.

358,609. CANNED PRUNE JUICE FOR FOOD PURPOSES. FAMO PRODUCTS CO., Los Angeles, Calif.
Filed February 19, 1938. Serial No. 403,201. PUBLISHED MAY 10, 1938. Class 46.

358,610. EYE MAKE-UP PRODUCTS. PINAUD INCORPORATED, New York, N. Y.
Filed February 19, 1938. Serial No. 403,223. PUBLISHED APRIL 26, 1938. Class 6.

358,611. LEATHER FOR OUTER SOLES AND INNER SOLES FOR SHOES. J. GREENEBAUM TANNING CO., Chicago, Ill., and Milwaukee, Wis.
Filed February 21, 1938. Serial No. 403,255. PUBLISHED MAY 3, 1938. Class 1.

358,612. ION EXCHANGING AND ADSORPTIVE MATERIALS, IN PARTICULAR CARBONACEOUS ZEOLITES. INTERNATIONAL FILTER CO., Chicago, Ill.
Filed February 21, 1938. Serial No. 403,258. PUBLISHED APRIL 26, 1938. Class 6.

358,613. INSECTICIDES, GERMICIDES, BACTERICIDES, FUNGICIDES, ALGAECIDES, AND DISINFECTANTS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed February 21, 1938. Serial No. 403,274. PUBLISHED MAY 3, 1938. Class 6.

358,614. CHEMICAL ADJUVANTS TO BE ADDED TO MOTOR FUELS TO IMPROVE THE CHARACTERISTICS OF SUCH MOTOR FUELS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed February 21, 1938. Serial No. 403,275. PUBLISHED MAY 3, 1938. Class 6.

358,615. LIVE AND DRESSED POULTRY. SOMERVILLE LIVE POULTRY CO. INC., Cambridge, Mass.
Filed February 21, 1938. Serial No. 403,282. PUBLISHED MAY 10, 1938. Class 46.

358,616. NAIL POLISHES. ELIZABETH ARDEN, INC., New York, N. Y.
Filed February 23, 1938. Serial No. 403,295. PUBLISHED MAY 3, 1938. Class 6.

358,617. BATHING DEVICES FOR DOLLS. BABY BATHINETTE CORPORATION, Rochester, N. Y.
Filed February 23, 1938. Serial No. 403,297. PUBLISHED MAY 10, 1938. Class 22.

358,618. GELATIN DESSERT. FINE FOODS, INC., Seattle, Wash.
Filed February 23, 1938. Serial No. 403,309. PUBLISHED MAY 10, 1938. Class 46.

358,619. ASTRINGENTS, ASTRINGENT CERATES, BEAUTY CREAMS, BLEACH CREAMS, COLD CREAMS, CLEANSING CREAMS, ETC. JEAN VIVAUDOU COMPANY, New York, N. Y.
Filed February 23, 1938. Serial No. 403,343. PUBLISHED MAY 3, 1938. Class 6.

358,620. ARTIFICIAL FIBERS. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany.
Filed February 25, 1938. Serial No. 403,405. PUBLISHED MAY 10, 1938. Class 1.

358,621. NOVELTY DOLLS OR DUMMY REPRESENTATIONS OF BEINGS. RALPH A. FREUNDLICH, INC., Clinton, Mass.
Filed February 25, 1938. Serial No. 403,407. PUBLISHED MAY 10, 1938. Class 22.

358,622. ALE, BEER, AND PORTER. HAMPDEN BREWING COMPANY, Willimansett, Mass.
Filed February 25, 1938. Serial No. 403,412. PUBLISHED MAY 10, 1938. Class 48.

358,623. UMBRELLAS FOR WOMEN AND CHILDREN. LYNN UMBRELLA MFG. CO., Boston, Mass.
Filed February 25, 1938. Serial No. 403,416. PUBLISHED APRIL 26, 1938. Class 41.

358,624. PREPARATION FOR THE NAILS. THE REVLON NAIL ENAMEL CORPORATION, New York, N. Y.
Filed February 25, 1938. Serial No. 403,423. PUBLISHED MAY 3, 1938. Class 6.

358,625. TONIC BLEND OF VITAMINS, ACCESSORY FOOD FACTORS, AND MINERALS. A. A. BROUILLARD & CO. INC., Lawrence, Mass.
Filed February 26, 1938. Serial No. 403,443. PUBLISHED MAY 3, 1938. Class 6.

358,626. SYNTHETIC RESINS. ELLIS-FOSTER COMPANY, Montclair, N. J.
Filed February 26, 1938. Serial No. 403,447. PUBLISHED MAY 10, 1938. Class 1.

358,627. LIVER EXTRACT WITH IRON AND VITAMINS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed February 26, 1938. Serial No. 403,471. PUBLISHED MAY 3, 1938. Class 6.

358,628. SOLVENT IN THE FORM OF A PASTE USED PRIMARILY FOR WASHING PAINTED SURFACES. BASOL LABORATORIES, INC., Greenville, S. C.
Filed February 28, 1938. Serial No. 403,491. PUBLISHED MAY 10, 1938. Class 4.

358,629. PREPARATIONS FOR THE HAIR—NAMELY, HAIR TONIC, HAIR DRESSING, AND SHAMPOO. CHESEBROUGH MANUFACTURING COMPANY, CONSOLIDATED, New York, N. Y.
Filed February 28, 1938. Serial No. 403,492. PUBLISHED MAY 3, 1938. Class 6.

358,630. PREPARATION FOR BRONCHIAL ASTHMA AND HAY FEVER. AZEIN REMEDY CO., INC., Jacksonville, Fla.
Filed February 26, 1938. Serial No. 403,534. PUBLISHED MAY 3, 1938. Class 6.

358,631. ACETAL, ACETALDEHYDE, ACETALDOL, ACETALDEHYDE BISULPHITE, ACETAMIDE, ACETIC ACID, ALDOL, ETC. NIACET CHEMICALS CORPORATION, Niagara Falls, N. Y.
Filed March 1, 1938. Serial No. 403,555. PUBLISHED MAY 10, 1938. Class 6.

358,632. DYSMENORRHEA TABLETS. UNITED DRUG COMPANY, Boston, Mass.
Filed March 1, 1938. Serial No. 403,571. PUBLISHED APRIL 26, 1938. Class 6.

358,633. BRANDY-COGNAC. JUILLARD-COCKCROFT CORPORATION, Watsonville and San Francisco, Calif.
Filed March 2, 1938. Serial No. 403,592. PUBLISHED MAY 10, 1938. Class 49.

358,634. JELLIES, CHEESE, CANDIES, CURRY POWDER, BRANDY SAUCE, TAMARIND SAUCE, MINT SAUCE, WORCESTERSHIRE SAUCE, ANCHOVIES, COFFEE, ETC. R. H. MACY & CO., INC., New York, N. Y.
Filed March 3, 1938. Serial No. 403,657. PUBLISHED MAY 10, 1938. Class 46.

358,635. HAIR-DRESS PREPARATION. BENJAMIN C. PENN, doing business as Pioneer Beauty Supply Company, Chicago, Ill.
Filed March 3, 1938. Serial No. 403,660. PUBLISHED MAY 10, 1938. Class 6.

358,636. CARPETS AND RUGS. THE FIRTH CARPET COMPANY, New York, N. Y.
Filed March 4, 1938. Serial No. 403,682. PUBLISHED MAY 10, 1938. Class 42.

358,637. WAX POLISH. MIDWAY CHEMICAL CO., Jersey City, N. J.
Filed March 4, 1938. Serial No. 403,704. PUBLISHED MAY 10, 1933. Class 16.

358,638. COTTON PIECE GOODS. AVONDALE MILLS, Birmingham, Ala.
Filed March 5, 1938. Serial No. 403,713. PUBLISHED MAY 10, 1938. Class 42.

358,639. WATERPROOFED FABRICS IN THE PIECE. JEWEL SHEEN WATERPROOFING CORP., Long Island City, N. Y.
Filed March 5, 1938. Serial No. 403,725. PUBLISHED MAY 10, 1938. Class 50.

358,640. MEDICINAL PREPARATIONS—NAMELY, GLANDULAR SUBSTANCES RECOMMENDED PRINCIPALLY FOR USE IN CASES OF GLANDULAR DEFICIENCY. ROCHE-ORGANON, INC., Nutley, N. J.
Filed March 5, 1938. Serial No. 403,736. PUBLISHED MAY 3, 1938. Class 6.

358,641. PIECE GOODS OF SILK, RAYON, COTTONS, AND MIXTURES AND COMBINATIONS THEREOF. WEISS-FRIEDMAN CO. INC., New York, N. Y.
Filed March 5, 1938. Serial No. 403,745. PUBLISHED MAY 10, 1938. Class 42.

358,642. PERFUMED DEODORANT. P. STEPHEN HARRIS, doing business as National Cosmetic Sales Co., Kansas City, Mo.
Filed March 7, 1938. Serial No. 403,767. PUBLISHED MAY 10, 1938. Class 6.

358,643. BOARD GAMES PLAYED WITH MOVABLE PIECES. KUATRO SALES CORPORATION, Seattle, Wash.
Filed March 7, 1938. Serial No. 403,771. PUBLISHED MAY 10, 1938. Class 22.

358,644. POTATOES. ALBERT MILLER & CO., Chicago, Ill.
Filed March 7, 1938. Serial No. 403,777. PUBLISHED MAY 10, 1938. Class 46.

358,645. CRACKERS AND BISCUITS. HALF MOON BISCUIT CO., INC., New York, N. Y.
Filed March 8, 1938. Serial No. 403,819. PUBLISHED MAY 10, 1938. Class 46.

358,646. LADIES' UNDERWEAR—NAMELY, SLIPS. TRIANGLE UNDERWEAR CORPORATION, New York, N. Y.
Filed March 8, 1938. Serial No. 403,838. PUBLISHED MAY 10, 1938. Class 39.

358,647. LADIES' COATS, SUITS, SKIRTS, AND ENSEMBLES CONSISTING OF TWO OR THREE PIECE SUITS OR DRESSES WITH COATS TO MATCH. BAUMAN & STOLL, New York, N. Y.
Filed March 9, 1938. Serial No. 403,852. PUBLISHED MAY 3, 1938. Class 39.

358,648. DYESTUFFS. PHOENIX COLOR & CHEMICAL CO., Paterson, N. J.
Filed March 9, 1938. Serial No. 403,875. PUBLISHED APRIL 26, 1938. Class 6.

358,649. DYESTUFFS. PHOENIX COLOR & CHEMICAL CO., Paterson, N. J.
Filed March 9, 1938. Serial No. 403,876. PUBLISHED MAY 3, 1938. Class 6.

358,650. ELECTRIC LUMINAIRES. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed March 9, 1938. Serial No. 403,883. PUBLISHED MAY 10, 1938. Class 21.

358,651. ANTISEPTIC FOR THE EYES, MOUTH, AND NOSE IN THE FORM OF A LIQUID, TABLETS, PASTILLES, OR CAPSULES. ASTONE PRODUCTS CO., Lansdale, Pa.
Filed March 10, 1938. Serial No. 403,893. PUBLISHED MAY 10, 1938. Class 6.

358,652. COLD CREAMS. C. J. EZELL, Chicago, Ill.
Filed March 10, 1938. Serial No. 403,912. PUBLISHED MAY 10, 1938. Class 6.

358,653. KNIT AND FABRIC SUN TAN SUITS FOR WOMEN. PACIFIC KNITTING MILLS, INC., also doing business as Catalina, Los Angeles, Calif.
Filed March 10, 1938. Serial No. 403,920. PUBLISHED MAY 10, 1938. Class 39.

358,654. MEDICINAL PREPARATION CONTAINING VITAMIN B_1, FOR USE AS A TONIC AND AN APPETITE STIMULATOR. JOHN WYETH AND BROTHER, INCORPORATED, Philadelphia, Pa.
Filed March 10, 1938. Serial No. 403,928. PUBLISHED MAY 10, 1938. Class 6.

358,655. PHARMACEUTICAL FOR USE IN THE TREATMENT OF ANEMIA. CHAPPEL BROS., INC., Rockford, Ill.
Filed March 11, 1938. Serial No. 403,935. PUBLISHED APRIL 26, 1938. Class 6.

358,656. PREPARATION FOR TEETHING AND SORE GUMS. WILLIAM J. MCNULTY, Montclair, N. J.
Filed March 11, 1938. Serial No. 403,951. PUBLISHED MAY 10, 1938. Class 6.

358,657. CANNED VEGETABLES. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn.
Filed March 11, 1938. Serial No. 403,952. PUBLISHED MAY 10, 1938. Class 46.

358,658. CANNED VEGETABLES. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn.
Filed March 11, 1938. Serial No. 403,953. PUBLISHED MAY 10, 1938. Class 46.

358,659. GLYCERINE. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed March 12, 1938. Serial No. 403,990. PUBLISHED MAY 10, 1938. Class 6.

358,660. ELECTRO THERAPEUTIC APPARATUS. PEERLESS LABORATORIES, INC., New York, N. Y.
Filed March 12, 1938. Serial No. 404,015. PUBLISHED MAY 10, 1938. Class 44.

358,661. GENERAL TONIC AND REMEDY USED IN THE TREATMENT OF ALL FORMS OF ANEMIA AND MALNUTRITION. SOCIETE ANONYME LA BIOTHERAPIE (SOCIETE ANONYME DE PRODUITS CHIMIQUES, BIOLOGIQUES ET D'HYGIENE), Paris, France.
Filed March 12, 1938. Serial No. 404,018. PUBLISHED MAY 10, 1938. Class 6.

358,662. GELATINE COATING FOR CURED MEATS, SUCH AS HAMS, PICNICS, BUTTS, AND BACON; ALSO BOILED HAMS, SAUSAGE, MEAT LOAVES, FRESH MEATS, AND DRESSED POULTRY. WILSON & CO., INC., Chicago, Ill.
Filed March 12, 1938. Serial No. 404,024. PUBLISHED MAY 10, 1938. Class 46.

358,663. ANTISEPTIC DRESSING. LEADA ASHWORTH, doing business as Bomtex Company, Kansas City, Mo.
Filed March 14, 1938. Serial No. 404,027. PUBLISHED MAY 10, 1938. Class 6.

358,664. ANTISEPTIC JELLY—NAMELY, VAGINAL JELLY. THE CALCO CHEMICAL COMPANY, INC., Bound Brook, N. J.
Filed March 14, 1938. Serial No. 404,029. PUBLISHED APRIL 26, 1938. Class 6.

358,665. ADSORPTIVE AND PURIFYING MATERIAL FOR TREATMENT OF DRY CLEANERS' SOLVENTS. FILTROL COMPANY OF CALIFORNIA, Los Angeles, Calif.
Filed March 14, 1938. Serial No. 404,038. PUBLISHED MAY 10, 1938. Class 6.

358,666. PREPARATION USED AS A VASOCONSTRICTOR HAVING LOCAL AND SYSTEMIC ACTION, FOR PROLONGING LOCAL ANESTHESIA AND FOR HEMOSTASIS, AS A DIURETIC AND/OR ANTIDIURETIC, AND TO LESSEN ASTHENIA, AND AS AN ANTISPASMODIC. FREDERICK STEARNS & COMPANY, Detroit, Mich.
Filed March 14, 1938. Serial No. 404,063. PUBLISHED MAY 10, 1938. Class 6.

358,667. PYROXYLIN OR OTHERWISE COATED PAPER OR FABRIC. ATLAS POWDER COMPANY, Wilmington, Del.
Filed March 15, 1938. Serial No. 404,073. PUBLISHED MAY 10, 1938. Class 50.

358,668. SALVE FOR USE IN TREATING BURNS, SUNBURN, CUTS, BRUISES, COLD IN HEAD, AND CHAPPED SKIN. E. S. HOLSEN, Attica, Ind.
Filed March 15, 1938. Serial No. 404,083. PUBLISHED MAY 10, 1938. Class 6.

358,669. EVAPORATED MILK. WESCO FOODS COMPANY, Cincinnati, Ohio.
Filed March 15, 1938. Serial No. 404,099. PUBLISHED MAY 10, 1938. Class 46.

358,670. HOSIERY FOR MEN AND WOMEN. A. S. BECK SHOE CORPORATION, New York, N. Y.
Filed March 16, 1938. Serial No. 404,108. PUBLISHED MAY 10, 1938. Class 39.

358,671. CHEMICAL DYE AIDS—NAMELY, MOISTENING PREPARATIONS, THREAD AND FIBRE PROTECTING, PENETRATING, BLEACHING, TANNING, SMOOTHING PREPARATIONS FOR TEXTILE FABRICS IN THE COURSE OF MANUFACTURE. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany.
Filed March 16, 1938. Serial No. 404,111. PUBLISHED MAY 3, 1938. Class 6.

358,672. CHEMICAL DYE AIDS—NAMELY, MOISTENING PREPARATIONS, THREAD AND FIBRE PROTECTING, PENETRATING, BLEACHING, TANNING, SMOOTHING PREPARATIONS FOR TEXTILE FABRICS IN THE COURSE OF MANUFACTURE. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany.
Filed March 16, 1938. Serial No. 404,112. PUBLISHED JANUARY 26, 1938. Class 6.

358,673. CHEMICAL DYE AIDS—NAMELY, MOISTENING PREPARATIONS, THREAD AND FIBRE PROTECTING, PENETRATING, BLEACHING, TANNING, SMOOTHING PREPARATIONS FOR TEXTILE FABRICS IN THE COURSE OF MANUFACTURE. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany.
Filed March 16, 1938. Serial No. 404,114. PUBLISHED MAY 3, 1938. Class 6.

358,674. TELESCOPES. L. OPPLEMAN, INC., New York, N. Y.
Filed March 16, 1938. Serial No. 404,134. PUBLISHED MAY 10, 1938. Class 26.

358,675. GRAPHITE, THE PARTICULAR CHARACTER OF THE MATERIAL BEING THAT IT CONTAINS OR CONSISTS OF GRAPHITE PREPARED FOR THE MANUFACTURE OF MOLDED CARBON PRODUCTS, INCLUDING BEARINGS, SLIDING PLATES, ETC. THE UNITED STATES GRAPHITE COMPANY, Saginaw, Mich.
Filed March 16, 1938. Serial No. 404,140. PUBLISHED MAY 10, 1938. Class 1.

358,676. PROTECTION SHIELDS FOR GOGGLES. WILLSON PRODUCTS, INC., Reading, Pa.
Filed March 16, 1938. Serial No. 404,148. PUBLISHED MAY 10, 1938. Class 26.

358,677. PLUG RECEPTACLES, PLUGS, ADAPTERS, CONNECTING CORDS, EXTENSION CORDS, VOLTAGE REDUCERS. C. D. WOOD ELECTRIC COMPANY, INC., New York, N. Y.
Filed March 16, 1938. Serial No. 404,151. PUBLISHED MAY 10, 1938. Class 21.

358,678. SHOULDER PADS TO BE USED IN CLOTHING. FREYDBERG BROS., INC., Stamford, Conn.
Filed March 17, 1938. Serial No. 404,172. PUBLISHED MAY 10, 1938. Class 39.

358,679. WATCHES, CLOCKS, CHRONOMETERS, AND DIALS THEREFOR. ROBERT L. HUNTER, doing business as The Nautical Clock Co., Norfolk, Va.
Filed March 17, 1938. Serial No. 404,173. PUBLISHED MAY 10, 1938. Class 27.

358,680. NOSE DROPS, OINTMENT, AND ANALGESIC PREPARATION HAVING ANTISEPTIC PROPERTIES, ETC. POLORIS COMPANY, INC., New York, N. Y.
Filed March 17, 1938. Serial No. 404,182. PUBLISHED MAY 10, 1938. Class 6.

358,681. FISHING RODS. TYCOON TACKLE, INC., Miami, Fla.
Filed March 17, 1938. Serial No. 404,194. PUBLISHED MAY 10, 1938. Class 22.

358,682. FISHING RODS. TYCOON TACKLE, INC., Miami, Fla.
Filed March 17, 1938. Serial No. 404,195. PUBLISHED MAY 10, 1938. Class 22.

358,683. MEDICINAL LOTION FOR THE SCALP. CARL A. DIXON, doing business as Vitefolyn Company, Des Moines, Iowa.
Filed March 17, 1938. Serial No. 404,198. PUBLISHED MAY 10, 1938. Class 6.

358,684. GRANULAR MATERIAL FOR CHEMICALLY SOFTENING AND CONDITIONING WATER. C. F. BURGESS LABORATORIES, INC., Chicago, Ill.
Filed March 18, 1938. Serial No. 404,200. PUBLISHED MAY 10, 1938. Class 6.

358,685. PHARMACEUTICAL PREPARATION FOR HUMAN USE FOR THE TREATMENT OF GASTRO-INTESTINAL DISORDERS. MODERN PHARMACALS, LIMITED, London, England.
Filed March 18, 1938. Serial No. 404,225. PUBLISHED MAY 10, 1938. Class 6.

358,686. MATTRESSES, BOX SPRINGS, STUDIO COUCHES, SOFAS, BEDS, AND BED SPRINGS. SIMMONS COMPANY, New York, N. Y.
Filed March 18, 1938. Serial No. 404,233. PUBLISHED MAY 10, 1938. Class 32.

358,687. SPRING SEAT CHAIR CONSTRUCTION. MURPHY CHAIR COMPANY, Owensboro, Ky.
Filed March 19, 1938. Serial No. 404,257. PUBLISHED MAY 10, 1938. Class 32.

358,688. SYPHILOTHERAPEUTIC PREPARATIONS. E. R. SQUIBB & SONS, New York, N. Y.
Filed March 19, 1938. Serial No. 404,272. PUBLISHED MAY 10, 1938. Class 6.

358,689. TRACING CLOTH. B. K. ELLIOTT COMPANY, Pittsburgh, Pa.
Filed March 23, 1938. Serial No. 404,402. PUBLISHED MAY 10, 1938. Class 37.

358,690. LAWN CHAIRS. THE GOSHEN MANUFACTURING COMPANY, Goshen, Ind.
Filed March 23, 1938. Serial No. 404,407. PUBLISHED MAY 10, 1938. Class 32.

358,691. CHAIRS. CARL F. STREIT, doing business as C. F. Streit Manufacturing Company, Cincinnati, Ohio.
Filed March 23, 1938. Serial No. 404,421. PUBLISHED MAY 10, 1938. Class 32.

358,692. ENVELOPES, ENVELOPE WINDOWS; PAPERY MATERIAL FOR WRITING, DRAWING, PRINTING, AND DECORATIVE PURPOSES; STENCILS, GUMMED TAPE, AND CELLULOSIC TRANSPARENT AND TRANSLUCENT WRAPPING AND PACKAGING MATERIAL. CELLULOID CORPORATION, Newark, N. J.
Filed March 25, 1938. Serial No. 404,468. PUBLISHED MAY 10, 1938. Class 37.

358,693. DRY AND READY MIXED PAINTS, PAINT ENAMELS, STAINS, LACQUERS, AND VARNISHES. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio.
Filed March 25, 1938. Serial No. 404,483. PUBLISHED MAY 10, 1938. Class 16.

358,694. BLANK FORMS FOR SALES AND ACCOUNTING RECORDS OR THE LIKE AND LOOSE LEAF BINDERS FOR THE SAME. COMMERCIAL LEDGER SERVICE, Chippewa Falls, Wis.
Filed March 26, 1938. Serial No. 404,516. PUBLISHED MAY 10, 1938. Class 37.

358,695. WIPING CLOTHS. LETELLIER-PHILLIPS PAPER COMPANY, INC., New Orleans, La.
Filed March 28, 1938. Serial No. 404,569. PUBLISHED MAY 10, 1938. Class 29.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

358,696. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE SIGHT LIGHT CORPORATION, New York, N. Y. Filed May 24, 1935. Serial No. 365,356.

SIGHT LIGHT

For Electric Lamps for Table or Floor Use, Reflectors for Electric Lights, Electric Chandeliers, Brackets and Pedestals for Holding and Supporting Electric Lights.
Claims use since Sept. 15, 1932.

358,697. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LORAIN PRODUCTS CORPORATION, Lorain, Ohio. Filed Feb. 17, 1936. Serial No. 374,931.

SUB-CYCLE

For Electrical Static Frequency Converters.
Claims use since Jan. 8, 1936.

358,698. (CLASS 32. FURNITURE AND UPHOLSTERY.) REINHARDT H. BROWN, doing business as Fold-Way Manufacturing Company, Fremont, Ohio. Filed Mar. 16, 1936. Serial No. 376,035.

FOLD-WAY

For Metal Furniture and Equipment—Namely, Serving Cabinets, Carts, Trays, and Tables.
Claims use since Sept. 10, 1935.

358,699. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SIDNEY BLUMENTHAL & CO. INC., New York, N. Y. Filed June 2, 1936. Serial No. 379,183.

KURLYTIP

For Mohair and Cotton Pile Fabrics in the Piece.
Claims use since May 26, 1936.

358,700. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ROBERT LEE HUMBARD, Los Angeles, Calif., assignor, by order of court, to Anne Humbard, widow of said Robert Lee Humbard, deceased. Filed Oct. 27, 1936. Serial No. 384,852.

TRIGGER JIGGER

For Attachments for Bottle for Measuring and Dispensing Liquids Therefrom.
Claims use since June 1, 1936.

358,701. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) AMERICAN DRUG & CHEMICAL CO., Minneapolis, Minn. Filed Jan. 12, 1937. Serial No. 387,694.

SALINOS

For Laxative and Cathartic Medicine.
Claims use since May 1, 1914.

358,702. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE UNITED STATES FINISHING COMPANY, Providence, R. I. Filed Feb. 16, 1937. Serial No. 388,997.

STABILIZED

For Textile Fabrics of Silk, Wool, Linen, Cotton, Rayon, Acetate, and Mixtures of These and Other Fibres, in the Nature of Piece Goods.
Claims use since Feb. 3, 1937.

358,703. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Filed Feb. 25, 1937. Serial No. 389,344.

Crystal

For Nail Polish and Bleach and Powders, Skin Lotions, Beauty Creams, and Preparations for Use as Softeners for the Hands, Feet, and Face, and Cuticle Creams.
Claims use since Oct. 22, 1936.

358,704. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HARRY L. GOOD, doing business as Good Barbell Co., Reamstown, Pa. Filed Apr. 14, 1937. Serial No. 391,319.

GOOD

BARBELL

For Gymnasium Apparatus.
Claims use since Apr. 5, 1937.

358,705. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARNON R. FLETCHER, doing business as Chilldquic Foods, Los Angeles, Calif. Filed May 10, 1937. Serial No. 392,523.

CHILLDQUIC

For Frozen Food Products—Namely, Fresh Deciduous and Citrus Fruits, Fruit Juices for Food Purposes, Berries, Fresh Vegetables and Melons, Butter, Milk, Fresh Fish, and Shellfish.
Claims use since Apr. 20, 1937.

358,706. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed May 26, 1937. Serial No. 393,255.

CYCLE SOCK

For Hosiery.
Claims use since Mar. 29, 1937.

358,707. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE KILGORE MANUFACTURING COMPANY, Westerville, Ohio. Filed May 26, 1937. Serial No. 393,286.

MODERN TOYS

For Toy Transportation Vehicles, Such as Automobiles, Airplanes, Etc.
Claims use since Apr. 5, 1937.

358,708. (CLASS 32. FURNITURE AND UPHOLSTERY.) BLOOMINGDALE BROS., INC., New York, N. Y. Filed June 10, 1937. Serial No. 393,892.

Demi-Suite

For Tables, Chairs, Buffets, Servers, and China Cabinets.
Claims use since May 21, 1937.

358,709. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE MAY DEPARTMENT STORES CO., New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Filed June 24, 1937. Serial No. 394,466.

Surrey

For Sheets, Pillow Cases, Towels, Bath Mats, Wash Cloths, Mattress Covers, Comforter Covers, Spreads.
Claims use since May 29, 1937.

358,710. (CLASS 11. INKS AND INKING MATERIALS.) GOLDSMITH BROS., New York, N. Y. Filed June 29, 1937. Serial No. 394,662.

STAMPRITE

For Stamp Pads.
Claims use since May 2, 1937.

358,711. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) PACIFIC DISTILLERS, INC., Culver City, Calif. Filed July 10, 1937. Serial No. 395,084.

MARLBORO

For Distilled Alcoholic Liquors—Namely, Gin.
Claims use since June 8, 1937.

358,712. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) TRIANGLE PAINT COMPANY, Berkeley, Calif. Filed July 19, 1937. Serial No. 395,436.

DOBE-KOTE

For Ready Mixed Paints.
Claims use since Sept. 1, 1936.

358,713. (CLASS 6, CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) JACQUES WOLF & Co., Clifton, N. J. Filed Aug. 25, 1937. Serial No. 396,755.

SUPERCLEAR

For Chemical Preparation for the Purpose of Thickening Solutions, Etc., of Coloring Matters, and Mordants used in Textile Printing and for Finishing Textiles in Order to Bind, Strengthen, Stiffen, or Otherwise Desirably Affect the Handle of the Treated Textile Materials.
Claims use since Apr. 29, 1937.

358,714. (CLASS 39. CLOTHING.) GERSON GOODMAN TUTELMAN COMPANY, Philadelphia, Pa. Filed Oct. 28, 1937. Serial No. 399,116.

SWANK SHIRTS

For Men's Outer Shirts.
Claims use since June 5, 1937.

358,715. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) MARKAY BAGS, INC., New York, N. Y. Filed Dec. 29, 1937. Serial No. 401,347.

GOLDEN GATE

For Ladies' and Children's Handbags, Pocketbooks, Trunks, Valises, Satchels, Portfolios, Purses, and Traveling Bags Made of Leather, Fabric, Leather Compositions, and Combinations Thereof.
Claims use since Dec. 13, 1936.

358,716. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) CHARLES JOSEPH HORKY, Berwyn, Ill. Filed Jan. 3, 1938. Serial No. 401,486.

SILK-TONE

For Chemical Composition or Mixture for Treating Silk Fabrics (Particularly Silk Hose) to Increase Durability, Wear, and Appearance.
Claims use since July 28, 1936.

358,717. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) GEORGE LEONE, doing business as Florida Beauty Mfg. Co., Lakeland, Fla. Filed Jan. 7, 1938. Serial No. 401,672.

Florida Beauty

For Hair Tonic.
Claims use since Jan. 1, 1930.

358,718. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) MYRTLE EMMA EDWARDS, San Francisco, Calif. Filed Feb. 28, 1938. Serial No. 403,493.

Elga

For Preparation for Developing the Bust.
Claims use since Oct. 10, 1935.

358,719. (WITHDRAWN.)

358,720. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HENRY T. SCHIFF, Chicago, Ill. Filed Apr. 11, 1938. Serial No. 405,133.

ELGIN

For Shaving Devices and Electrically Operated Hair Cutting Devices.
Claims use since Jan. 7, 1934.

358,721. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE WESTERN STATES MACHINE COMPANY, New York, N. Y. Filed Apr. 16, 1938. Serial No. 405,377.

ROBERTS

For Centrifugals and Parts Thereof Including Baskets, Curbs, Heads, Drives, Dischargers, Curb Tops and Covers, Basket Screws and Linings, Sprayers, Controls, Brakes, Clutches, Tinners, and Loading Apparatus, and Mixers, Accessory to Centrifugals, Adapted Particularly for Use in the Manufacture of Sugar.
Claims use since 1920.

358,722. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE WESTERN STATES MACHINE COMPANY, New York, N. Y. Filed Apr. 16, 1938. Serial No. 405,378.

STEVENS

For Mixing and Conditioning Apparatus for Treating Sugar Massecuites and Magmas Preparatory to Centrifuging the Same in the Manufacture of Sugar.
Claims use since December, 1934.

358,723. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) D. A. SCHULTE, INC., New York, N. Y. Filed Apr. 22, 1938. Serial No. 405,616.

Leeds

For Wallets, Secretary Wallets, Keycases, Brief Cases, and Leather Portfolios.
Claims use since March, 1937.

358,724. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) CAMILLE, INC., New York, N. Y. Filed May 2, 1938. Serial No. 405,914.

Run-R-Stop

For Preparation for Stopping Runs in Hosiery.
Claims use since October, 1932.

358,725. (CLASS 48. MALT BEVERAGES AND LIQUORS.) MILLION BREWERY, INC., New Lisbon, Wis. Filed May 16, 1938. Serial No. 406,398.

WISCONSIN Select

For Beer.
Claims use since October 5, 1933.

358,726. (CLASS 45. BEVERAGES, NONALCOHOLIC.) EMIL MASCOLO, doing business as C. Mascolo Bottling Works, Waterbury, Conn. Filed May 21, 1938. Serial No. 406,592.

Kooling

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors used in Making the Same.
Claims use since Apr. 15, 1935.

358,727. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SHERWIN BROS., New York, N. Y. Filed May 26, 1938. Serial No. 406,781.

DRI-QUICK

For Kitchen Towels.
Claims use since Apr. 22, 1937.

358,728. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) KOPPERS COMPANY, Pittsburgh, Pa., and Baltimore, Md. Filed June 7, 1938. Serial No. 407,189.

GRAPHITIZED

For Piston Rings.
Claims use since Dec. 3, 1934.

TRADE-MARK REGISTRATIONS RENEWED

16,009. CAPSULES FOR MEDICINAL OR OTHER USE. Registered November 20, 1888. BETTS & Co., LIMITED, London, England, a corporation of Great Britain. Renewed November 20, 1938.

117,843. MUSTARD, CATSUP, JELLIES, VINEGAR. Registered August 7, 1917. DUPREY-FAULMANN COMPANY. Renewed August 7, 1937, to Master Food Products Corporation, Detroit, Mich., a corporation of Michigan, successor.

118,335. FOODS—NAMELY, OLIVENAISE MADE UP IN PART OF OLIVES, PIMENTOS, MAYONNAISE, AND VEGETABLES. Registered August 28, 1917. The Schlorer Delicatessen Company. Renewed August 28, 1937, to Mrs. Schlorer's Incorporated, Philadelphia, Pa., a corporation of Pennsylvania, assignee.

121,851. CERTAIN NAMED METALS AND METAL CASTINGS AND FORGINGS. Registered June 11, 1918. GEORGE BARNSLEY & SONS, Sheffield, England, a firm. Renewed June 11, 1938.

121,852. TARRY COATING FOR ROADS AND OTHER SURFACES. Registered June 11, 1918. The Barrett Company. Renewed June 11, 1938, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

121,853. TARRY COATING FOR ROADS AND OTHER SURFACES. Registered June 11, 1918. The Barrett Company. Renewed June 11, 1938, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

121,854. TARRY COATING FOR ROADS AND OTHER SURFACES. Registered June 11, 1918. The Barrett Company. Renewed June 11, 1938, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

122,024. WEARING-APPAREL—NAMELY, CHILDREN'S PETTICOATS. Registered June 18, 1918. E. H. HORWOOD & Co., Hoboken, N. J., and New York, N. Y. Renewed June 18, 1938, to E. H. Horwood & Co., Hoboken, N. J., a corporation of New Jersey.

122,046. WHEAT-FLOUR. Registered June 18, 1918. W. P. TANNER-GROSS AND COMPANY, INC. Renewed June 18, 1938, to Distributors Trucking Corporation, New York, N. Y., a corporation of New York, assignee.

122,072. RUBBER HOSE, RUBBER BELTING, AND ASBESTOS PACKING. Registered June 25, 1918. DOMINION ASBESTOS AND RUBBER CORPORATION. Renewed June 25, 1938, to The Darcoid Company, Inc., New York, N. Y., a corporation of New York, successor.

122,209. WHEAT-FLOUR. Registered July 9, 1918. W. P. TANNER-GROSS & Co. INC., as assignee of Leopold Gross. Renewed July 9, 1938, to Distributors Trucking Corporation, New York, N. Y., a corporation of New York, assignee by mesne assignments.

122,260. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered July 16, 1918. GEORGE BARNSLEY & SONS, Sheffield, England, a firm. Renewed July 16, 1938.

122,261. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered July 16, 1918. GEORGE BARNSLEY & SONS, Sheffield, England, a firm. Renewed July 16, 1938.

122,273. LUMP OR POWDERED LIME USED BY HAND OR APPLIED TO BUFFING-WHEELS IN POLISHING METALS. Registered July 16, 1918. CHARLES H. GAYLORD. Renewed July 16, 1938, to The Matchless Metal Polish Co., Chicago, Ill., a corporation of Illinois, assignee.

122,300. SHEATHING-PAPER. Registered July 23, 1918. THE BARRETT COMPANY. Renewed July 23, 1938, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

122,560. CERTAIN NAMED HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES. Registered August 20, 1918. WILLIAM E. WILLIAMS, New York, N. Y. Renewed August 20, 1938.

122,621. APRONS. Registered August 27, 1918. SEARS, ROEBUCK AND CO., Chicago, Ill., a corporation of New York. Renewed August 27, 1938.

122,737. A DISINFECTANT, ANTISEPTIC, AND GERMICIDAL SUBSTANCE USED FOR AGRICULTURAL, HORTICULTURAL, VETERINARY, AND SANITARY PURPOSES. Registered September 10, 1918. WILLIAM PEARSON LIMITED, London, England. Renewed September 10, 1938, to The Creolin Co., Rahway, N. J., a corporation of New Jersey, assignee.

123,289. HOUSE ORGAN PUBLISHED MONTHLY. Registered October 22, 1918. STEPHENS-ADAMSON MFG. CO., Aurora, Ill., a corporation of Illinois. Renewed October 22, 1938.

123,321. BAGGAGE STRAPS AND STRAPPINGS. Registered October 29, 1918. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Renewed October 29, 1938.

123,390. SHERRY. Registered October 29, 1918. ALEX D. SHAW & Co. Renewed October 29, 1938, to Alex D. Shaw & Co. Inc., New York, N. Y., a corporation of New York, assignee.

123,463. EYE-LOTION. Registered November 12, 1918. FLORENCE N. LEWIS. Renewed November 12, 1938, to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York, assignee.

123,469. A FOOT-LOTION FOR SORE, TIRED, OR ACHING FEET. Registered November 12, 1918. HENRY D. MILES, doing business as Joy O Chemical Co., Butte, Mont. Renewed November 12, 1938.

123,494. RECEPTACLES OR CONTAINERS—NAMELY, ICE-CREAM CANS AND MILK-CANS. Registered November 12, 1918. SOLAR METAL PRODUCTS CO., INC., Columbus, Ohio. Renewed November 12, 1938, to Solar-Sturges Mfg. Co., Melrose Park, Ill., a corporation of Illinois, assignee.

123,536. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered November 19, 1918. THE BAHR BROTHERS MFG. CO., Marion, Ind., a corporation of Indiana. Renewed November 19, 1938.

123,545. COFFEE, TEA, SALTED PEANUTS, PEANUT-OIL, AND PEANUT-BUTTER. Registered November 19, 1918. THE BRUNDAGE BROS. CO., Toledo, Ohio, a corporation of Ohio. Renewed November 19, 1938.

123,594. DISH-WASHING MACHINES. Registered November 19, 1918. THE HAMILTON-LOW COMPANY, New York, N. Y. Renewed November 19, 1938, to Champion Dish Washing Machine Co., Erie, Pa., a corportion of Pennsylvania, assignee.

123,601. SUGAR. Registered November 19, 1918. IMPERIAL SUGAR COMPANY, Sugar Land, Tex., a corporation of Texas. Renewed November 19, 1938.

123,786. A SERIES OF COMIC DRAWINGS. Registered December 10, 1918. MERRILL C. BLOSSER, Cleveland, Ohio. Renewed December 10, 1938, to Merrill C. Blosser, Los Angeles, Calif.

123,806. MEDICATED DEODORANT TOILET-POWDER. Registered December 10, 1918. ROBERT L. FITCH, Philadelphia, Pa. Renewed December 10, 1938.

LABELS

REGISTERED JULY 19, 1938

51,518.—*Title:* ALKA-ERBA. For an Extract of Natural Herbs Combined with Alkalines and Flavoring Used as a Stomach Stimulant, Bowel Laxative, Kidney Diuretic, and Appetizer. ALKA-ERBA COMPANY, Baltimore, Md. Published May 31, 1938.

51,519.—*Title:* ITALIAN STYLE SPAGHETTI WITH TOMATO SAUCE AND CHEESE. For Spaghetti. AMERICAN STORES COMPANY, Philadelphia, Pa. Published June 1, 1938.

51,520.—*Title:* BEECH-NUT MINTS. For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 1, 1938.

51,521.—*Title:* BEECH-NUT MINTS. For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 1, 1938.

51,522.—*Title:* BEECH-NUT COCKTAILETTES. For Biscuits. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published May 17, 1938.

51,523.—*Title:* BINGO. For Insecticide. BINGO INSECTICIDE INC., New York, N. Y. Published June 3, 1938.

51,524.—*Title:* EXCHANGE FRUIT PECTIN. For Prepared Fruit Pectin. CALIFORNIA FRUIT GROWERS EXCHANGE, Los Angeles, Calif. Published May 27, 1938.

51,525.—*Title:* CHEEZ-WICH. For Cheese and Crackers. THE CHEEZ-WICH COMPANY, Chicago, Ill. Published June 20, 1938.

51,526.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published June 15, 1938.

51,527.—*Title:* CHOCOLATES—SMALL PIECES. For Chocolates. DAGGETT CHOCOLATE COMPANY, doing business as Alice Blue Studios, Cambridge, Mass. Published May 26, 1938.

51,528.—*Title:* CHEF-SAUS. For a Sauce for Flavoring and Coloring Gravy. THEODORE W. FINCH, Rochester, N. Y. Published January 10, 1938.

51,529.—*Title:* ALL BUTTER. For Bread. CHARTON C. FRANTZ, doing business as The Frantz Company, Pittsburgh, Pa. Published September 10, 1937.

51,530.—*Title:* GILBERT ELECTRIC VIBRATOR. For Electric Vibrators. THE A. C. GILBERT COMPANY, New Haven, Conn. Published September 14, 1937.

51,531.—*Title:* APPEÁL BREAD. For Bread Wrappers. GOLDEN LOAF BAKERY, Wenatchee, Wash. Published January 20, 1938.

51,532.—*Title:* R A J COLD PRESSED WHEAT GERM OIL. For Cold Pressed Wheat Germ Oil. J. P. JEROME COMPANY, Cleveland, Ohio. Published December 12, 1937.

51,533.—*Title:* WHITE SPOT. For Cigars. R. A. JONES, Omaha, Nebr. Published April 14, 1938.

51,534.—*Title:* LA TOURAINE. For Coffee. LA TOURAINE COFFEE CO., Boston, Mass. Published May 27, 1938.

51,535.—*Title:* MANNING'S COFFEE. For Coffee. MANNINGS, INC., San Francisco, Calif. Published May 24, 1938.

51,536.—*Title:* AIR BILT. For Shoes. THE L. V. MARKS & SONS CO., Cincinnati, Ohio. Published May 27, 1938.

51,537.—*Title:* TREASURE CHEST COIN COLLECTION. For a Coin Collection. HOWARD E. MCINTOSH, Springfield, Mass. Published November 1, 1937.

51,538.—*Title:* MENASHA DOUGHNUTS. For Doughnuts. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published February 16, 1938.

51,539.—*Title:* BAKED HAM SANDWICH FILLING. For Baked Ham Sandwich Filling. O. K. FOODS, INC., La Grange, Ill. Published May 14, 1938.

51,540.—*Title:* O-SO-EZY LEMON OIL POLISH. For Lemon Oil Polish for Fine Furniture, Woodwork, Floors, Etc., and Also for Use on Oil Mops. O-CEDAR CORP'N, Chicago, Ill. Published April 26, 1938.

51,541.—*Title:* ALKA CHOC. For a Chocolate Coated Candy Bar. EDGAR G. PERKINS, Agua Caliente, Calif. Published September 1, 1937.

51,542.—*Title:* IMPORTED HOLLAND KLAVER BEER. For Beer. N. V. PHOENIX BROUWERIJ, doing business as Phoenix-Brewery Amersfoort, Amersfoort, Netherlands. Published January 1, 1938.

51,543.—*Title:* FOR FOUR GENERATIONS. For Kentucky Straight Bourbon Whiskey. THE T. W. SAMUELS DISTILLERY, INC., Deatsville, Ky., and Cincinnati, Ohio. Published May 5, 1938.

51,544.—*Title:* LA PERFUMA. For Washing Fluid. LOUIS S. SCARSELLA, Youngstown, Ohio. Published June 18, 1938.

51,545.—*Title:* ROYAL. For Baking Powder. STANDARD BRANDS INCORPORATED, New York, N. Y. Published May 12, 1938.

51,546.—*Title:* ROYAL. For Baking Powder. STANDARD BRANDS INCORPORATED, New York, N. Y. Published May 12, 1938.

51,547.—*Title:* QUICK. For a Dry Cleaner. STANDARD INDUSTRIAL PRODUCTS, INC., Evansville, Ind. Published June 6, 1938.

51,548.—*Title:* SUPERCRAFT LINGERIE. For Lingerie. STRAUBER BROS., New York, N. Y. Published June 1, 1938.

51,549.—*Title:* SUPERCRAFT UNDERGARMENTS. For Undergarments. STRAUBER BROS., New York, N. Y. Published June 1, 1938.

51,550.—*Title:* COCOANUT BAR. For Cocoanut Bars. F. B. WASHBURN CANDY CORP., Brockton, Mass. Published May 1, 1938.

51,551.—*Title:* COCOANUT BAR. For Cocoanut Bars. F. B. WASHBURN CANDY CORP., Brockton, Mass. Published December 15, 1937.

51,552.—*Title:* WROBBEL'S SANDWICH BREAD. For Bread. WILLIAM WROBBEL, doing business as John Wrobbel Bakery, Bloomingburg, Ohio. Published May 31, 1938.

PRINTS

REGISTERED JULY 19, 1938

16,940.—*Title:* NOR'WAY RELIABLE SERVICE ANTI-FREEZE. For an Anti-Freeze Composition. COMMERCIAL SOLVENTS CORPORATION, Terre Haute, Ind. Published May 20, 1938.

16,941.—*Title:* A NEW FREEDOM—HOME BAKED COOKIES IN ½ THE TIME. For a Prepared Mixture for Making Cookies. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published June 9, 1938.

16,942.—*Title:* WHAT SWELL COOKIES! THEY'RE HOME BAKED. For a Prepared Mixture for Making Cookies. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published May 26, 1938.

16,943.—*Title:* HOME BAKED COOKIES 'GEE MOM, I LOVE 'EM!' For a Prepared Mixture for Making Cookies. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published June 9, 1938.

16,944.—*Title:* YOU AREN'T MY REAL MOTHER. For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published June 15, 1938.

16,945.—*Title:* AROMA FLAVOR STRENGTH—HILLS BROS. BLUE CAN BRAND COFFEE—ADFORM 189. For Coffee. HILLS BROS., San Francisco, Calif. Published June 2, 1938.

16,946.—*Title:* IT'S COOLER INSIDE—SERVE ICE COLD—ADFORM 193. For Coffee. HILLS BROS., San Francisco, Calif. Published June 10, 1938.

16,947.—*Title:* THE LON MIRACLE STREAMLINED DOOR CLOSER. For Door Closing and Checking Devices. NORTON LASIER COMPANY, Chicago, Ill. Published June 14, 1938.

16,948.—*Title:* THE 10 KEY UNDERWOOD SUNDSTRAND. For Portable Posting Machines. UNDERWOOD ELLIOTT FISHER COMPANY, New York, N. Y. Published April 22, 1938.

REISSUES

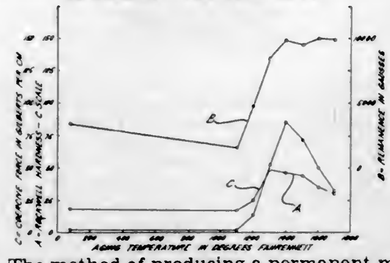
JULY 19, 1938

20,800
FERROUS ALLOY

Reginald S. Dean, Washington, D. C., assignor, by mesne assignments, to Carboloy Company, Inc., a corporation of New York

Original No. 1,904,859, dated April 18, 1933, Serial No. 438,263, March 24, 1930. Application for reissue December 17, 1934, Serial No. 757,978

28 Claims. (Cl. 148—21.5)



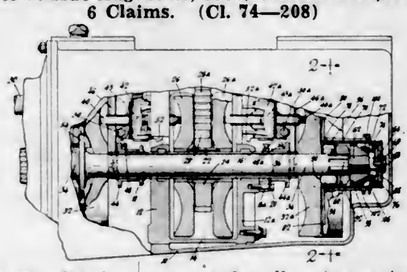
1. The method of producing a permanent magnet which comprises alloying a metal of the group including tungsten, molybdenum, and tantalum with substantially carbon-free iron, shaping a mass of the alloy into the desired form, heating the alloy to form a substantially homogeneous solid solution, cooling the solution at a rate to form a supersaturated solution, heat treating the alloy to develop its magnetic properties, and subjecting the alloy to a magnetizing force to thereby magnetize the alloy.

20,801
TORQUE LOADING LASH ADJUSTING DEVICE FOR FRICTION ROLLER TRANSMISSIONS

Winfield D. Gove, East Hartford, Conn., and John Dolza, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Original No. 2,030,203, dated February 11, 1936, Serial No. 728,264, May 31, 1934. Application for reissue August 10, 1936, Serial No. 95,094

6 Claims. (Cl. 74—208)



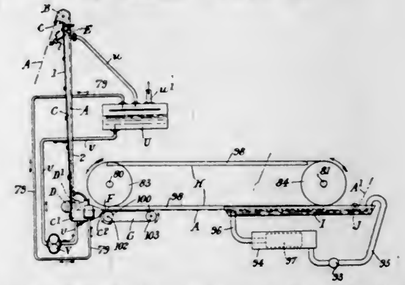
1. In friction race and roller transmission mechanism, a torque loading device, unyielding abutment means to receive the reaction force thereof, an adjustable gag element arranged to transmit the reaction force of the torque loading device to the abutment means, and means for exerting a continuous yielding force upon the gag element to cause it to take up and fill the space between the abutment means and torque loading device and thereby maintain the loading device in position to impart the greatest amplitude of axial movement for which it was designed.

20,802
APPARATUS FOR THE PRODUCTION AND MANUFACTURE OF MATERIAL IMPREGNATED WITH CELLULOSE REGENERATED FROM VISCOSE OR OTHER CELLULOSIC SOLUTIONS

Arthur Hugoe Kilner, St. John's Wood, London, England

Original No. 1,892,579, dated December 27, 1932, Serial No. 608,886, May 3, 1932. Application for reissue January 3, 1935, Serial No. 698. In Great Britain April 16, 1931

20 Claims. (Cl. 91—17)



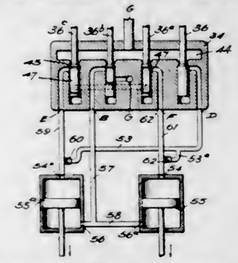
19. Apparatus for producing a material impregnated with cellulose, comprising in combination, means for impregnating base material with cellulosic solution, means for passing said impregnated material through a coagulating bath, and means for subjecting said impregnated material during said passage to lateral tension to prevent corrugation and lateral shrinkage, said last mentioned means also serving for simultaneously maintaining said material at least substantially parallel to the free surface of said coagulating bath and comprising means for engaging the side edges only of said material at points spaced therealong, and means for transmitting to said points lateral pressure applied above the surface of said bath.

20,803
PNEUMATIC BRAKE

Ernest G. McCauley, Dayton, Ohio

Original No. 2,007,500, dated July 9, 1935, Serial No. 343,138, February 27, 1929. Application for reissue March 24, 1936, Serial No. 70,593

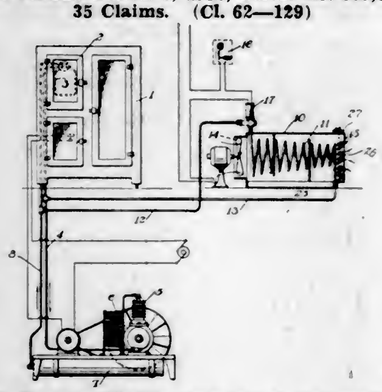
20 Claims. (Cl. 303—6)



1. In a brake system for aircraft having landing wheels, fluid pressure actuated brake mechanisms for each of said wheels, and a fluid pressure control comprising means for selectively controlling the transmission of said fluid pressure

to each of said brake mechanisms for causing the actuation thereof by said fluid pressure into operative or inoperative position.

20,804
AIR COOLING APPARATUS
John Q. Sherman, Dayton, Ohio
Original No. 1,890,888, dated December 13, 1932, Serial No. 118,783, June 26, 1926. Application for reissue March 6, 1933, Serial No. 659,878
35 Claims. (Cl. 62—129)

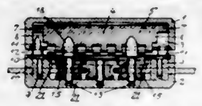


20. In a ventilating apparatus, the combination with a refrigerating apparatus including a cold storage means, of a separate air cooling unit for a room to be cooled, means common to the refrigerating apparatus and air cooling unit for supplying refrigerant medium thereto, a compartment in which the unit is located having an outlet opening into the room and a blower for directing a current of air upon the refrigerating unit within the compartment and thence through the outlet into the room.

31. A cabinet having openings, a closure for one of the openings, means for intermittently circulating air through the cabinet, and thermostatic means responding to the circulated air for actuating the closure adapted to permit the opening of the closure when said first means is inoperative.

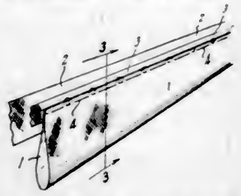
20,805
DEVICE FOR GRINDING AND SHARPENING RAZOR BLADES
Ferdinand Souczek, Brusau, Czechoslovakia, assignor, by mesne assignments, to Siemens, Incorporated, New York, N. Y.
Original No. 2,004,838, dated June 11, 1935, Serial No. 670,980, May 13, 1933. Application for reissue March 16, 1938, Serial No. 196,200. In Czechoslovakia May 31, 1932
25 Claims. (Cl. 51—161)

17. A grinding device for the simultaneous sharpening of all four edge-surfaces of a double-edge razor blade, comprising a casing having an upper and a lower member, two comb-like interrupted grinding members longitudinally arranged in each of said casing members, said grinding members of each casing member having oppositely and inwardly inclined sharpening surfaces and being disposed to be superposed to the grinding members of said other casing member in the closed state of said casing, spring means adapted to resiliently hold said superposed grinding members in a position wherein the projecting surface portions of a grinding member extend into



the intermediate spaces of the superposed member, a holder to receive a razor blade, said holder being disposed intermediate said grinding members, and drive means for imparting a curvilinear movement to said blade holder whereby said cutting edges of said blade are reciprocated wedge-like between said superposed grinding members, said drive means comprising a peripherally grooved roller disposed to actuate said holder, an operating cord extending out from opposite ends of said lower casing member, and means for guiding said cord around said roller so as to peripherally engage the groove of said roller.

20,806
NECKTIE
Nathan Gold, Portland, Oreg.
Original No. 2,082,447, dated June 1, 1937, Serial No. 51,355, November 25, 1935. Application for reissue January 15, 1938, Serial No. 185,234
9 Claims. (Cl. 2—146)

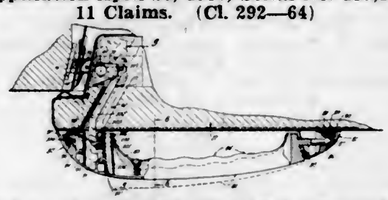


1. A method of forming neckwear consisting in arranging the tie casing inside-out and folded over on itself, arranging the two abutting edges thus formed along the longitudinal axis of the lining and reinforcing strip placed one above the other, then stitching said casing edges, lining and reinforcing strip by a series of stitches each formed by extending the thread downwardly through said tie elements, then forwardly, upwardly, rearwardly, downwardly, again forwardly thence back up to the surface from which it started, then advancing the thread forwardly to the beginning of the next stitch.

PATENTS

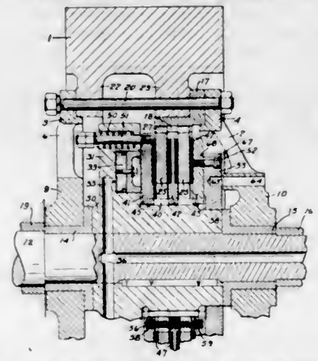
GRANTED JULY 19, 1938

2,123,866
LATCH AND HANDLE MECHANISM
Lloyd Anderson, Rockford, Ill., assignor to National Lock Co., Rockford, Ill., a corporation of Delaware
Application April 27, 1937, Serial No. 139,131
11 Claims. (Cl. 292—64)



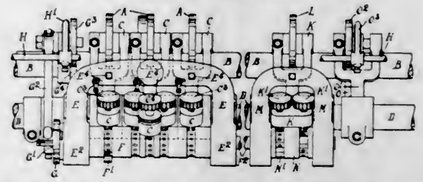
3. A combination handle and latch-operating device including a substantially elongated handle member and means at its opposite ends including end mounts mounting the same for universal movement upon a door surface or the like, latch-operating means in one of said end mounts and including a pivoted operating member therein, together with means arranged on the end of said handle which corresponds to said last-mentioned mount and constructed for engagement with said pivoted operating member to actuate the same and said latch-operating means when said handle is pivoted in opposite directions toward said door surface and also when said handle is pulled in a direction away from said surface.

2,123,867
FLUID OPERATED CLUTCH
William W. Criley, Cleveland, Ohio
Application April 3, 1936, Serial No. 72,453
2 Claims. (Cl. 192—85)



1. In a clutch mechanism, a driving member, a driven member, friction plates carried by and rotatable with the members, respectively, said plates being movable axially relative to the members, means carried by one of said members for moving the plates axially into frictional engagement, a reaction collar coaxial with the plates and in threaded engagement with the said one of said members, said collar being connectible for rotation with the said one of said members and being selectively disconnectible therefrom for rotation relative thereto to effect adjustment axially, and said collar having a reaction surface operatively associated with the plates, and means for temporarily connecting the collar to the other of said members for rotation therewith when the collar is disconnected from the said one of the members, whereby the collar may be rotated relative to the said one of said members by the other member for effecting axial adjustment thereof.

2,123,868
STRAIGHT BAR KNITTING MACHINE
Harry Wilfred Start, Carlton, and Ernest Start, Wilford, England, assignors to George Blackburn and Sons Limited, Nottingham, England
Application March 10, 1937, Serial No. 130,194
In Great Britain March 12, 1936
6 Claims. (Cl. 66—82)



1. In a straight bar knitting machine, the combination of a cam, a cam lever one end of which is actuated by the cam, a control shaft on which the cam lever is loosely mounted, a frame secured on the control shaft, a rotating drum mounted in the frame with cam lifts which are adapted to be moved into and out of engagement with the other end of the cam lever in order to connect the said lever to and disconnect it from the frame and control shaft at the required intervals, means for advancing the cam drum, a needle bar, and means for connecting the control shaft to the needle bar, substantially as described.

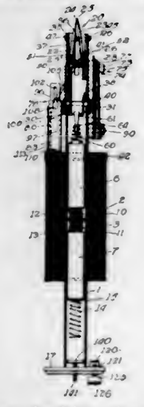
2,123,869
INSULATING PACKAGE
Robert T. Walker, Detroit, Mich., assignor to Zonolite Corporation of Michigan, Detroit, Mich., a corporation of Michigan
Application October 26, 1935, Serial No. 46,909
3 Claims. (Cl. 154—44)



1. An insulating package having predetermined dimensions comprising in combination a closed

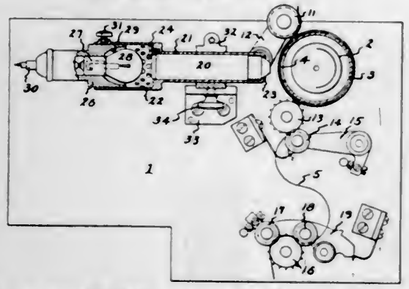
container having fiber-board walls, a filler for said container comprising a continuous body of loosely packed particles of insulating material encompassing a multiplicity of pores, the strength of the fiber-board walls of said container being insufficient alone without bulging to support the said material when subjected to vibration incident to handling and transporting of the package, and a corrugated facing for each of the inside walls of the container having contiguous corrugations extending horizontally whereby the said corrugations support contiguous zones of insulating material one above another and prevent settling of the insulating material and bulging of the package.

2,123,870
EYEBROW PLUCKER
Bruno Wehmer, Chicago, Ill.
Application September 24, 1934, Serial No. 745,171
12 Claims. (Cl. 128—355)



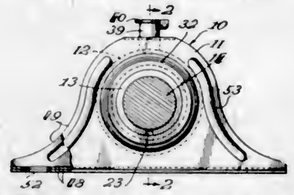
1. A device for plucking the hair of the eyebrow comprising a tubular supporting member having means at one end providing a square bore, said means being slotted along said square portion, a pair of tweezers slidably but nonrotatably supported in said square bore, a hinge pin pivotally connecting said tweezers and slidably mounted in said slots, and means for reciprocating said tweezers.

2,123,871
LIGHTING ARRANGEMENT FOR SOUND REPRODUCTION
Henry George Weiss, Cincinnati, Ohio, assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio, a corporation of Ohio
Application November 30, 1934, Serial No. 755,251
1 Claim. (Cl. 88—24)



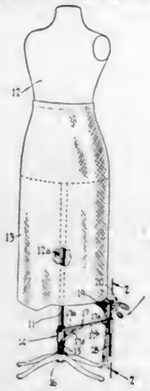
In a sound head, a tubular housing member having a lens tube fastened in one end thereof, said member being concentrically enlarged at the other end, and having a lamp socket coaxially carried in said enlarged end, a lamp in said socket, said socket being formed to partially surround the lamp and having a reflective surface on said surrounding portion so as to act as a reflector, said socket fitting slidably and concentrically in said enlarged end, a set screw in said end for fixing the position of said socket in said end whereby replacement of said lamp will not affect the adjustment of said lamp in relation to the optical axis of said lens tube.

2,123,872
SELF-LUBRICATING BEARING
Robert H. Whiteley, Oak Park, Ill., assignor to Robert H. Whiteley, trustee
Application January 6, 1936, Serial No. 57,735
5 Claims. (Cl. 308—121)



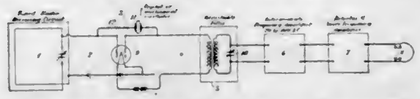
1. A shaft hanger bearing comprising a bearing sleeve having a bearing surface, a ball-shaped reservoir member surrounding said sleeve and forming a reservoir with said sleeve, lubricant conducting members extending through said sleeve from said reservoir to the bearing surface of said sleeve and a support for said ball-shaped member comprising a resilient sheet metal member having a pair of parallel flanges joined at one edge by a yoke, each of said parallel flanges having at its opposite edge a transversely extending attaching flange, said attaching flanges extending in opposite directions and overlapping each other and having registering apertures for securing means, said parallel flanges also having a pair of aligned apertures bordered by partially spherical outwardly extending cylindrical flanges engaging said ball-shaped member whereby the bearing sleeve and reservoir are supported for universal movement.

2,123,873
GARMENT SHORTENING APPARATUS
Herman Zweig and Henry Zweig, New York, N. Y.
Application November 18, 1937, Serial No. 175,213
6 Claims. (Cl. 164—71)



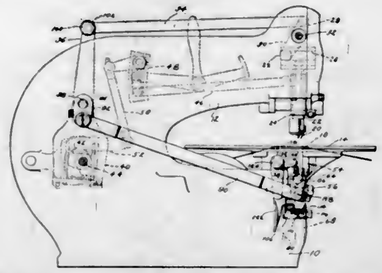
1. An apparatus of the character described comprising a swivel mounting, an extensible arm supported by said mounting, a height adjusting holder terminating said arm, and a material cutter pivotally secured to the carrier, said swivel mounting, extensible arm, holder and cutter being so constructed and arranged to permit concurrent swiveling of said mounting with the shortening and lengthening of the arm on swinging and manipulation of the cutter.

2,123,874
CRYSTAL OSCILLATOR RECEIVING SYSTEM
Austin Bailey, Freehold, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application November 8, 1924, Serial No. 748,736
4 Claims. (Cl. 250—20)



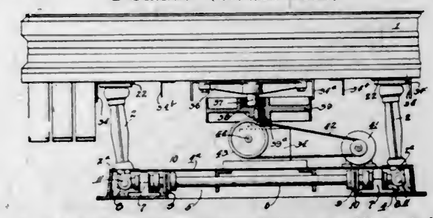
1. In a radio receiving system, in combination, means for receiving any one of a plurality of bands of radio frequency currents representing signals, a three-element vacuum tube to act both as an oscillator and as a detector, a piezo-electric crystal opposite sides of which are connected between the plate and grid electrodes of the vacuum tube, said piezo-electric crystal coupling the grid circuit of the vacuum tube with its plate circuit, said piezo-electric crystal producing current of the frequency to be beaten with the received band of radio frequency currents, means coupled to the output circuit of the vacuum tube for selectively receiving the modulation products derived from the piezo-electric crystal oscillations and the received band of radio frequency currents to the exclusion of all other currents, and means for deriving the signals from the selectively received products of modulation.

2,123,875
PERFORATING MACHINE
Clifton T. Batchelder, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application August 13, 1936, Serial No. 95,876
6 Claims. (Cl. 164—88)



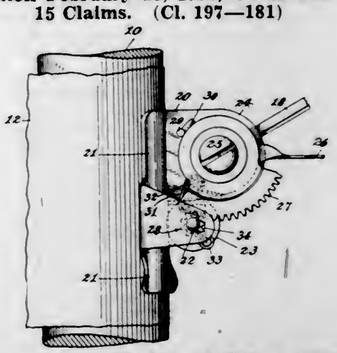
6. In a perforating machine of the type having a reciprocating punch, an anvil, and a backing strip extending across a face of the anvil, means for adjusting the position of the anvil in a heightwise direction, means for moving the punch in transverse direction to feed the work, and means for maintaining the distance between the punch and backing strip substantially constant during feeding movements of the punch irrespective of the heightwise position of the anvil.

2,123,876
SUPPORTING MEANS FOR GYRATORY SIFTERS
Eugene G. Berry and Caryl L. Reimuller, Chicago, Ill., assignors to B. F. Gump Co., Chicago, Ill., a corporation of Illinois
Application March 12, 1936, Serial No. 68,494
1 Claim. (Cl. 209—332)



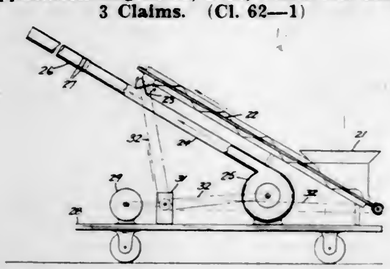
A gyratory sifter comprising a sifter table, means to drive said table, a base, a rocker shaft journalled in bearings on said base, a first pair of wobble posts in longitudinally spaced relation, each of said posts being connected at its upper end to said sifter table by ball joint and socket means, each of the wobble posts at its lower end being connected to said rocker shaft by means constraining said posts to rocking movement with said shaft and pivotal movement relative to said shaft about an axis extending transversely of said shaft, and a second pair of wobble posts in longitudinally spaced relation and each connected at its upper end to said sifter table by a ball joint and socket means, and having a universal pivotal connection at its lower end with said base, said wobble posts constituting supporting means for said sifter table whereby said driving means are substantially relieved of the weight of said table.

2,123,877
TYPEWRITER ERASING ATTACHMENT
Margaret Booth, New York, N. Y.
Application February 18, 1936, Serial No. 64,433
15 Claims. (Cl. 197—181)



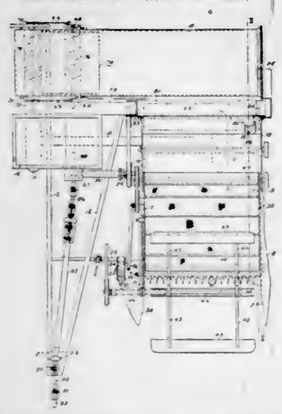
1. An erasing attachment for a typewriter comprising a rotatable erasing wheel capable of a vertical inclination adapted to wear concavely on its periphery to substantially the curvature of the typewriter platen, means for mounting said erasing wheel to be swung to one side out of the way when not in use and means for oscillating said erasing wheel when in operative position, and means for changing the vertical inclination of the erasing wheel axis and bearing harder on one peripheral end portion of the erasing wheel and then on the other during operation, to flex the erasing wheel slightly and keep the same from becoming loaded.

2,123,878
METHOD FOR ICING CONTAINERS
Frank W. Brady, San Francisco, Calif., assignor to Wesco Machinery Manufacturing Co., San Francisco, Calif., a co-partnership composed of Frank W. Brady and Raymond A. Brady
Application August 31, 1932, Serial No. 631,201
3 Claims. (Cl. 62—1)



3. The method of icing a container and of cooling unoccupied space in said container which comprises discharging ice particles into a confined, flowing air stream whereby said particles are conveyed and said air is cooled, and thereafter releasing said stream in said container to deposit said conveyed ice particles in unoccupied space in said container and to permit said cooled air to circulate to cool uniced and unoccupied space.

2,123,879
HARVESTER-THRESHER
Walter G. Charley, Brighton, Victoria, Australia, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application August 10, 1935, Serial No. 35,584
Renewed December 17, 1936
26 Claims. (Cl. 56—21)

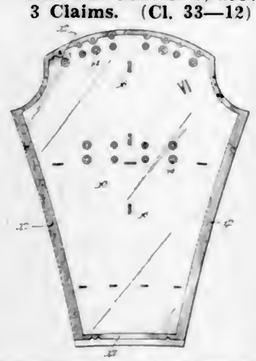


1. A harvester-thresher, comprising harvesting mechanism, threshing mechanism, separating mechanism, and means for conveying substantially all of the material severed by said harvesting mechanism in a straight line therefrom to said threshing mechanism, said separating mechanism being disposed in the rear of said threshing mechanism and extending transversely of the line of travel of said threshing mechanism and adapted to advance and discharge threshed stalks in a sidewise direction with respect to the normal direction of travel of the harvester-thresher.

2,123,880
COMPOSITIONS OF MATTER
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application October 23, 1933, Serial No. 694,912. Renewed October 21, 1937
16 Claims. (Cl. 99—92)

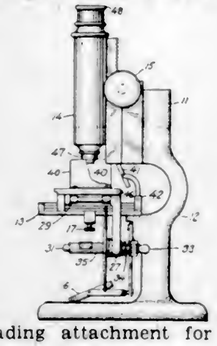
1. In the process of making cake baked from a mix containing more sugar than flour and containing shortening fat, the step which consists in incorporating soap in the mix, the quantity of soap employed being sufficient to effect substantial increase in volume of the finished product as compared with cake otherwise similar but containing no soap, but being insufficient to adversely affect the flavor of the cake.

2,123,881
GARMENT PATTERN
Wilhela Cushman, New York, N. Y.
Application July 2, 1936, Serial No. 88,627
Renewed October 7, 1937
3 Claims. (Cl. 33—12)



2. A garment pattern piece comprising a sheet of Cellophane through which the grain and pattern of the fabric upon which it is placed are clearly visible, and a colored area of substantial width extending inwardly from the marginal edges of said sheet whereby said edges are in color contrast with the fabric.

2,123,882
READING ATTACHMENT FOR MICROSCOPES
Rupert H. Draeger, United States Navy
Application April 8, 1936, Serial No. 73,224
1 Claim. (Cl. 88—39)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



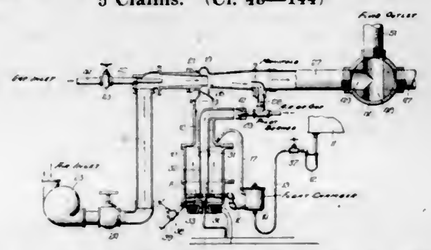
A film-reading attachment for microscopes,

comprising a film-gate consisting of a base-plate having an aperture, a clamp for fastening said plate to a microscope stage, a pair of rods secured to said plate, a gate-plate slidably mounted on said rods, a transparent plate mounted in said gate-plate in alinement with the said aperture, the top surface of said transparent plate being below the top surface of said gate-plate, a cover-plate hinged to said gate-plate and having a beveled aperture smaller than and above said transparent plate, and light reflecting means including a mirror mounted below said stage and a mirror mounted above said stage adapted to direct light to a film in said stage as required, whereby minute print on the film may be read.

2,123,883
ARTICLE OF MANUFACTURE
Deane C. Ellsworth, deceased, late of Wilmington, Del., by Joseph F. Haskins, administrator, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 15, 1937, Serial No. 137,119
16 Claims. (Cl. 91—68)

1. As a new article of manufacture, a moisture-proof, water-insensitive wrapping tissue comprising a base film of low substituted cellulose ether having a coating thereon selected from the group consisting of wax-cellulose derivative coating composition, wax-rubber coating compositions and wax-synthetic resin coating compositions.

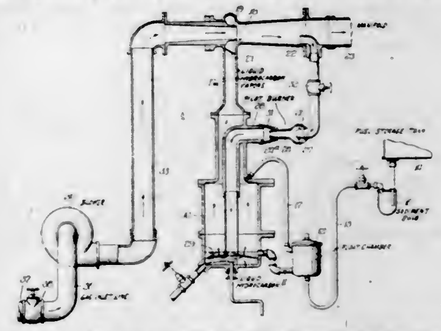
2,123,884
VAPORIZER STARTING SYSTEM
Clyde B. Faverty, Chicago, Ill., assignor to Mark C. Bates, Chicago, Ill.
Application December 15, 1932, Serial No. 647,391
5 Claims. (Cl. 48—144)



1. In a fuel vaporizing apparatus, a vapor chamber, an aspirator including a forcing nozzle and Venturi tube, means for delivering air at a high velocity through the forcing nozzle, a connection between the vapor chamber and Venturi tube near said forcing nozzle whereby fuel vapor is entrained with the air and mixed therewith, means for withdrawing an air and vapor mixture as it leaves the aspirator, a pilot light for burning said air and vapor mixture, means for delivering hot gases of combustion from the pilot light to the lower portion of the vapor chamber, means for maintaining a pool of liquid fuel in the vapor chamber at a level above that at which said hot gases are delivered, and means for mixing a supply of gas with the air before it passes through said forcing nozzle.

2,123,885
GAS TREATMENT
Clyde B. Faverty, Chicago, Ill., assignor to Mark C. Bates, Chicago, Ill.
Application December 15, 1932, Serial No. 647,392
11 Claims. (Cl. 48—213)

5. A method of enriching commercial supplies of a combustible gas which comprises maintaining a pool of a liquid hydrocarbon in a chamber, passing hot gases of combustion beneath the surface of said pool of liquid hydrocarbon whereby vaporization of a part only of said liquid hydrocarbon is effected proportioned to the amount of hot gases passing therethrough, intimately com-

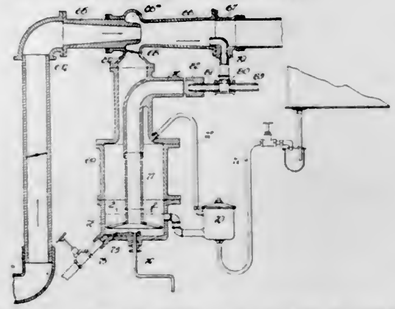


mingling the vaporized liquid hydrocarbon with the combustible gas to be enriched, withdrawing a minor proportion of said mixture and then burning it to provide hot gases of combustion the hot gases of said latter combustion being utilized to effect the vaporization of additional amounts of the liquid hydrocarbon.

2,123,886
HEAT TREATED ALUMINUM BASE ALLOY
Edward F. Fischer, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application November 20, 1934, Serial No. 753,897
4 Claims. (Cl. 148—32)

1. A heat treated cast aluminum base alloy containing from about 3 to 6 per cent copper and 0.05 to 0.5 per cent vanadium, and characterized by a higher strength than the same alloy devoid of vanadium when heat treated under the same conditions.

2,123,887
FUEL VAPORIZER
Charles A. French, Riverside, Ill., assignor, by mesne assignments, to Mark C. Bates
Original application April 6, 1932, Serial No. 603,491. Divided and this application August 11, 1933, Serial No. 684,656
29 Claims. (Cl. 48—144)



4. A vaporizer for difficultly volatile liquid fuels comprising a vaporizing chamber, means for maintaining a pool of said liquid fuel at a predetermined level in said chamber, an outlet con-

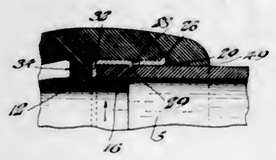
duit from said chamber above the liquid level therein, a controlling valve positioned in said conduit, a gas and air mixing means with which said outlet conduit communicates, means for removing a fixed portion of the mixed gases from said mixing means, means for burning said fixed portion, and means for delivering the combustion products thereof beneath the liquid level in the vaporizing chamber.

2,123,888
WIRE SPRING FOR CUSHIONED SEATS AND BACKS
Morris Freund, Cleveland, Ohio, assignor, by direct and mesne assignments, of one-half to Jacob Kronheim, Shaker Heights, Ohio, and one-half to John C. Lincoln, Scottsdale, Ariz.
Application February 5, 1936, Serial No. 62,490
2 Claims. (Cl. 155—179)



1. In a cushioned seat, back or the like, embodying an arched surface, the combination of a frame with a plurality of springs secured to said frame and bridging said frame in arches cross-wise thereof, each of said springs in the untensioned condition embodying a horizontally corrugated, substantially straight seating portion equal in length to the depth of said frame, and attachment means at opposite ends of said seating portion, said attachment means in the untensioned condition extending upwardly and outwardly at an inclination with respect to the longitudinal axis of said portion and in the assembled condition being brought down into the plane of the frame and secured thereto with the ends of said frame spaced apart the same distance as before, whereby to effect longitudinal stretching and upward bulging of the spring.

2,123,889
COUPLING AND REPAIR LINK
Stanley F. Gleason, Philadelphia, Pa., assignor of one-half to Louis Necho, Lansdowne, Pa.
Application April 3, 1937, Serial No. 134,705
3 Claims. (Cl. 285—71)



1. A coupling and repair link comprising a tubular member, a flange on the inner wall of said tubular member dividing the bore of said tubular member into two communicating chambers each of which is adapted to receive the end of a hose section, an internal shoulder formed in each of said chambers in advance of the outer end thereof, and means adapted to abut against said shoulder and engaging the ends of said hose sections for locking the latter in position comprising washers having extensions adapted to engage said hose sections and said shoulders.

2,123,890
SURGICAL CLASP
Gotthard Gossrau, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware
Application November 28, 1936, Serial No. 113,170
In Germany June 3, 1933
2 Claims. (Cl. 128—325)



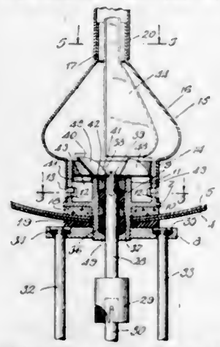
1. A surgical clasp consisting of a folded piece of ribbon or tape of magnesium metal being bent along a line in parallel with its longitudinal axis.

2,123,891
SURGICAL TONGS
Gotthard Gossrau, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware
Application November 28, 1936, Serial No. 113,171
In Germany June 3, 1933
1 Claim. (Cl. 128—346)



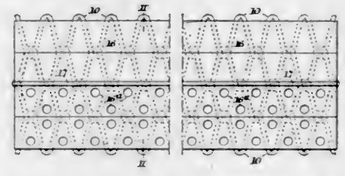
A surgical tongs, comprising a jaw provided with a chamfer or furrow of angular cross-section and a metal frame superposed thereon and adapted to receive a surgical clasp, and another jaw provided with a ridge adapted to register with said chamfer or furrow over its entire cross-sectional area.

2,123,892
FOUNTAIN
Stephen S. Grady, Magnolia, N. C.
Application October 26, 1934, Serial No. 750,061
Renewed October 14, 1937
13 Claims. (Cl. 299—7)



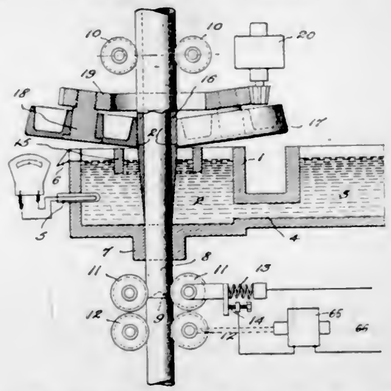
1. The combination with a bowl for liquid, of a fountain conduit extending upwardly from the bottom of said bowl, said conduit having an opening at the lower end thereof and a discharge at the upper end thereof, a collar fixed to said bowl having an opening, said conduit being rotatable to move its opening into variable registration with the opening in said collar, and a pump associated with said fountain conduit to direct the liquid from said bowl through said conduit to the discharge at the upper end of said conduit there to return to said bowl.

2,123,893
WIRE FABRIC
Raymond J. Guba, Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa., a corporation of New Jersey
Application December 10, 1935, Serial No. 53,694
5 Claims. (Cl. 198—196)



1. A belt comprising a plurality of helically coiled wires in interlocking relation extending throughout the length of the belt, and a continuous platform of plate sections covering said helically coiled wires throughout the length of the belt; each of said coiled wires carrying a plate section.

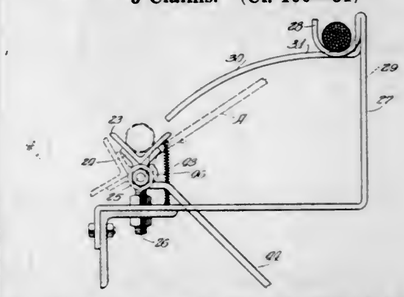
2,123,894
METHOD OF PRODUCING HOLLOW METALLIC SHAPES AND APPARATUS THEREFOR
Clarence W. Hazelett, Greenwich, Conn.
Application August 21, 1935, Serial No. 37,116
38 Claims. (Cl. 29—33)



1. The method of producing metallic tubular products which comprises rapidly chilling molten metal on the surface of a moving metallic mandrel to form thereon a solid shell, plastically deforming said solidified shell to expand the same over the mandrel, and separating said solidified shell from said mandrel.

24. An apparatus for producing metallic tubular products directly from molten metal which comprises a receptacle for holding a body of molten metal, an inlet port in said receptacle for passing mandrels through the molten metal in said receptacle whereby metal solidifies as a solid shell on the surface of said mandrels, outlet port on said receptacle for said mandrels and said solidified shell, means for consecutively feeding mandrels through said receptacle operatively mounted in front of said inlet port, means for withdrawing said mandrels and solidified shell from said molten metal and means for working said solidified shell on said mandrels operatively mounted in front of said outlet port.

2,123,895
WIRE BUNDLING MACHINE
Harry W. Hill, Sterling, Ill., assignor to Northwestern Barb Wire Company, a corporation of Illinois
Application May 23, 1931, Serial No. 539,623
3 Claims. (Cl. 100—31)

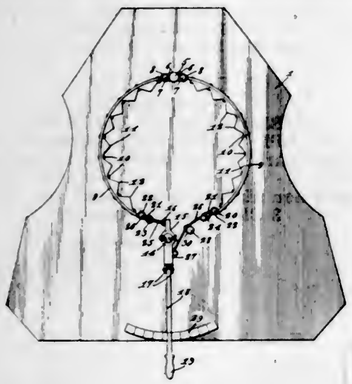


1. In an apparatus for wrapping a bundle of elongated wire elements, an elongated platform, a rotary chuck mounted adjacent one end of said platform and adapted for gripping an end of said bundle, a V-shaped trough tiltably mounted upon said platform in advance of said chuck, a handle connected to said trough and extending to one side thereof, an angular bracket secured to said platform and extending to the same side of said platform as said handle, said bracket having a bundle rest at its upper end, and other angular brackets attached to said platform and having sloping portions extending from substantially the elevation of said bundle rest to said trough, whereby an attendant may tilt said trough by said handle for discharging a bundle and then elevate an unwrapped bundle from said rest for travelling down said guide portions to said trough from a single position.

2,123,896
JAR HOLDER
Hal B. Holland, Praise, Ky., assignor, by direct and mesne assignments, of seven-thirtieths to I. S. Pineur, Pikeville, Ky., seven-thirtieths to Claude Lemons and Stanley Lemons, Cynthiana, Ky., and thirty-two one-thousand-one-hundred-twenty-fifths to Zella Powell, Praise, Ky.
Application December 7, 1936, Serial No. 114,701
2 Claims. (Cl. 81—3.3)

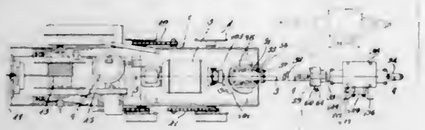
1. A jar holder comprising a base plate, cooperating jar receiving arcuate shaped clamping jaws, toothed gripping means secured to the confronting faces of the jaws, anchoring means fixed to the plate and having one of the ends of the jaws pivoted thereto, a post secured to and rising from the plate, a connecting member rockably mounted on the post, a U-shaped link detachably connecting the opposite end of one jaw to one end of the connecting member, a flexible link connecting the opposite end of the other jaw adjacent to the opposite end of the connecting member, roller guiding means for the flexible link, a handle pivotally secured to the connecting member for adjusting the jaws with respect to each other, rack means secured to the plate for

receiving the handle to hold the jaws in adjusted positions, and means for detachably securing the



holder in position for use and mounted on the plate.

2,123,897
DRILLING APPARATUS
Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application June 18, 1935, Serial No. 27,213
2 Claims. (Cl. 255—47)



1. In a drilling apparatus, a base, a motor driven pump thereon, drilling apparatus including members rotatable independently to effect drill rotation and drill feeding and together to effect drill rotation and variable drill feeding, driving motors for said members each having a rotor coaxial with one of said members, and fluid connections from said pump to said motors.

2,123,898
PHENOL-TERPENE RESINOUS CONDENSATION PRODUCTS AND PROCESS OF MAKING THEM
Herbert Hönel, Vienna, and Alois Zinke, Graz, Austria, assignors to Helmuth Reichhold, Detroit, Mich., doing business as Reichhold Chemicals
No Drawing. Application July 6, 1935, Serial No. 30,152. In Austria July 17, 1934
20 Claims. (Cl. 260—154)

1. A process of producing a substituted high molecular phenolic compound which comprises condensing together in the presence of a condensing agent capable of eliminating hydrogen halide (1) a halogen compound derived from a terpene of vegetable origin, and (2) a phenol which is a member of a group consisting of monovalent and polyvalent mononuclear and polynuclear phenols; whereby substitution of the halogen atoms by phenolic benzene rings takes place, thereby forming a substituted high molecular phenolic compound and hydrogen halide.

2,123,899
WOOD PRESERVATION
David W. King, Knoxville, Tenn.
No Drawing. Application July 18, 1936, Serial No. 91,433
4 Claims. (Cl. 21—43)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. Process of impregnating wood with a distillable preservative, which comprises, standing the wood on end in an enclosed chamber; removing sap and moisture from the wood by heat and vacuum treatment; admitting the distillable preservative into the enclosed evacuated chamber to immerse the dried wood for a portion of its length; heating the said distillable preservative to approximately 300° F. while under substantial subatmospheric pressure to vaporize a sufficient portion of the distillable preservative into the space around the exposed portion of the wood with vapor; admitting air under substantial superatmospheric pressure into the enclosed chamber and maintaining the superatmospheric pressure applied until the submerged and exposed portions of the wood are respectively impregnated with liquid and vapor; withdrawing the distillable preservative from the bottom of the chamber; releasing pressure within the enclosed chamber to atmospheric pressure; and removing the treated wood from the enclosed chamber.

2,123,900
LINING FOR TIES
Max Kleinmann, New York, N. Y.
Application April 29, 1937, Serial No. 139,642
6 Claims. (Cl. 2—146)

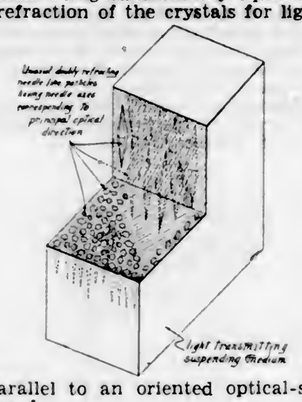


1. A tie comprising a lining blank cut on the bias to become enclosed within the larger wing of a four-in-hand tie, and means associated with said blank whereby the central portion of the tie may be forced inwardly when said lining is stressed, said tie when knotted retaining the shape given it by said lining.

2,123,901
LIGHT POLARIZING MATERIAL
Edwin H. Land, Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J., a corporation of New Jersey
Application April 3, 1936, Serial No. 72,501
6 Claims. (Cl. 88—1)

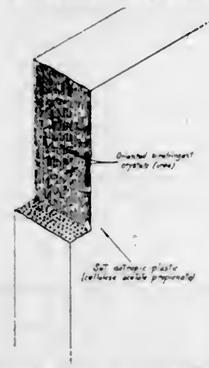
1. A light-polarizer comprising, in combination, a light-transmitting medium having distributed therethrough crystals of potassium nitrate oriented with the same optical-symmetry axes in substantial parallelism, the index of refraction of

the medium being substantially equal to the index of refraction of the crystals for light vibra-



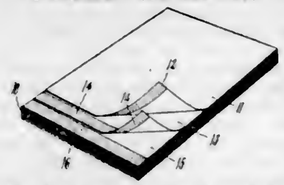
tions parallel to an oriented optical-symmetry axis thereof.

2,123,902
LIGHT POLARIZING MATERIAL
Edwin H. Land, Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J., a corporation of New Jersey
Application June 2, 1936, Serial No. 83,040
26 Claims. (Cl. 88—1)



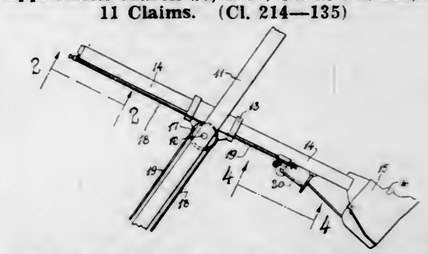
2. A light-polarizer comprising a suspension of optically oriented, birefringent particles in a substantially isotropic light-transmitting medium having an index of refraction coinciding substantially with one of the indices of refraction of said particles.

2,123,903
PAD OF PAPER SHEETS
John D. Lane, Boston, and Ralph H. Wilbur, Melrose, Mass.; said Lane assignor to said Wilbur
Application February 23, 1935, Serial No. 7,690
5 Claims. (Cl. 281—15)



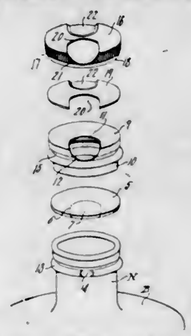
5. A pad of paper sheets bound together at least at one edge and made up of multiplicate groups of sheets, each group comprising at least two sheets carrying at a corresponding margin of their confronting surfaces coatings adapted to cohere with similar coatings but non-adherent to an uncoated paper surface, said coatings being arranged in offset relationship in said pad but being adapted to be brought into contact with substantial coincidence of their edges at said margin after removal from the pad.

2,123,904
SLACK TAKE-UP FOR THRUST ROPES OF POWER SHOVELS
Werner Lehman, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware
Application March 26, 1937, Serial No. 133,125
11 Claims. (Cl. 214—135)



1. A slack take-up device for the thrust ropes of a power shovel, comprising, in combination with a pair of outward thrusting ropes and a pair of inward thrusting ropes, equalizing means for one pair of ropes; and, associated with each rope of the other pair, a non-reversing gearing for tautening the rope, and a maximum torque motor to actuate the gearing.

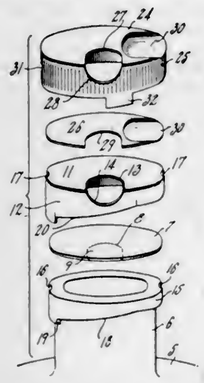
2,123,905
DISPENSING CLOSURE
Jean E. Masbach, New York, and Anthony F. Driscoll, Middle Village, Long Island, N. Y.
Application August 6, 1936, Serial No. 94,554
7 Claims. (Cl. 215—76)



5. In combination with a container open at one end, a sealing disc permanently secured over said open end of the container and having a removable edge portion, and a superposed closure member rotatably mounted on the container and having a resiliently yieldable top portion provided with an opening, through which said edge portion of the sealing disc is removable in one position of the closure member, and the top of said member having a part movable when said top portion is resiliently flexed into and out of the opening in the sealing disc, resulting from the

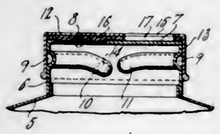
removal of said edge portion, said part having sealing contact against the wall of the container in another position of said closure member.

2,123,906
CONTAINER CLOSURE
Jean E. Masbach, New York, and Anthony F. Driscoll, Middle Village, Long Island, N. Y.
Application December 5, 1936, Serial No. 114,306
7 Claims. (Cl. 215—76)



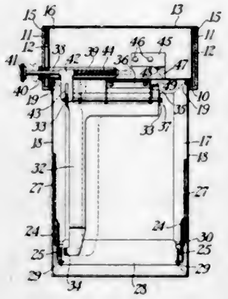
2. In combination with a container, having an open end and an external flange surrounding the same, said flange having a lower circumferentially extending cam surface, a metal cap having a sealing disk therein provided with a dispensing opening and said disk having a removable edge portion in register with said opening, said cap having a cylindrical skirt portion, said skirt portion and the flange on the container having coacting means acting to position a section of the lower edge of said skirt portion in register with the cam surface on the container flange when the cap is applied and said edge section being bent over upon said cam surface, and a rotatable closure member superimposed upon said cap and having a lug coacting with the cam flange on the skirt of said cap.

2,123,907
CONTAINER CLOSURE
Jean E. Masbach, New York, and Anthony F. Driscoll, Middle Village, Long Island, N. Y.
Application April 10, 1937, Serial No. 136,140
10 Claims. (Cl. 221—64)



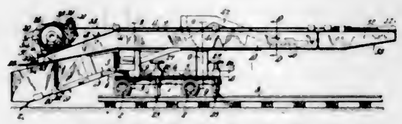
1. In combination with a container having a wall provided with a dispensing opening, a closure member manually adjustable upon said container to open and closed positions and having a sealing part, and means for automatically moving said closure member at an angle with respect to the direction of closing or opening manual movement of said member, to cause a sealing contact of said part with the container wall at the edges of said opening in both the opened and closed positions of said member.

2,123,908
SHUTTER ACTUATING MEANS ON THE CAMERA BODY OF A FOLDING CAMERA
August Nagel, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application July 22, 1937, Serial No. 155,053
In Great Britain October 31, 1936
8 Claims. (Cl. 95—53)



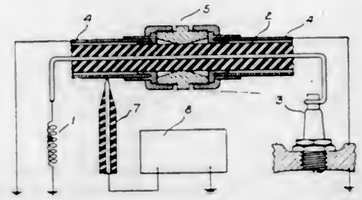
1. In a photographic camera, the combination with a camera body part, a foldable bed part connected to said camera body part, and a shutter assembly adjacent said bed part and including an operating arm, of a shutter actuating means between said camera body part and said operating arm, including a member movable with respect to said bed part to actuate said operating arm, and including a second member on said body part, connected to the first mentioned member, and movable to a retracted position, and a catch means on one of said parts located to engage one of said members of said shutter actuating means and adapted to hold the member on said camera body part in a retracted position.

2,123,909
SCRAPER LOADING APPARATUS
Robert C. Osgood and Leslie A. Currier, Claremont, N. H., assignors to Sullivan Machinery Company, a corporation of Massachusetts
Application September 3, 1936, Serial No. 99,228
18 Claims. (Cl. 214—110)



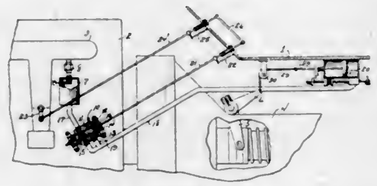
1. In a scraper loading apparatus, a portable base, a horizontal frame mounted between its ends on and solely supported by said base and having its rearward end freely overhanging a substantial distance the rear end of said base, the forward portion of said frame being downwardly inclined and freely overhanging the front end of said base, said frame providing a slideway beneath the front overhanging end of said frame and along which a loading scraper is adapted to move, and a hoisting mechanism mounted on and supported by said downwardly inclined overhanging forward portion of said frame, said hoisting mechanism having pull and tail rope drums for actuating the loading scraper.

2,123,910
METHOD OF DETECTING DEFECTS IN IGNITION SHIELDING
Melville F. Peters, Beltsville, Md.
Application October 12, 1937, Serial No. 168,593
3 Claims. (Cl. 175—183)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A method of detecting defects in electrical shielding for ignition circuits which comprises the steps of passing ignition current through the shielding and measuring the potential drop therealong.

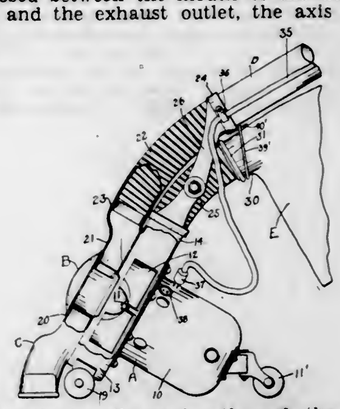
2,123,911
AUTOMATIC CLUTCH
Henry Loyd Pike, Greensboro, N. C., assignor, by direct and mesne assignments, to Bragg-Kliesrath Corporation, South Bend, Ind., a corporation of New York
Application February 27, 1931, Serial No. 518,857
3 Claims. (Cl. 192—91)



1. In combination with a vacuum cylinder of a clutch operating means including a piston and a neck connected to a vacuum pipe, a valve member in the neck for controlling the passage between the vacuum pipe and the cylinder, a trigger carried by said valve member, and a trip carried by the piston to engage the trigger for moving the valve member in one direction.

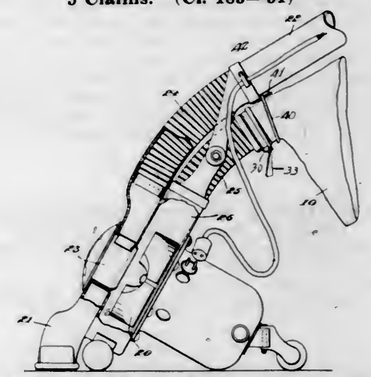
2,123,912
PNEUMATIC CLEANER
Daniel Benson Replogle, Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, a corporation of Ohio, as trustee
Application December 2, 1930, Serial No. 499,575
8 Claims. (Cl. 15—16)

1. A portable suction cleaner, including a cleaning tool, suction producing means including a fan adapted to be operatively connected to the cleaning tool, a fan casing having an exhaust outlet, a bracket carried by said casing, a handle hingedly connected to said bracket, a flexible inexpensive porous dust collecting bag composed of material which is readily torn if subjected to strain carried by the handle, and a flexible hose interposed between the mouth of the dust collector and the exhaust outlet, the axis of the



hinge of the handle passing through the flexible hose.

2,123,913
DUST COLLECTING DEVICE FOR PNEUMATIC CLEANERS
Daniel Benson Replogle, Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, a corporation of Ohio, as trustee
Application July 20, 1931, Serial No. 552,050
Renewed October 20, 1937
5 Claims. (Cl. 183—51)

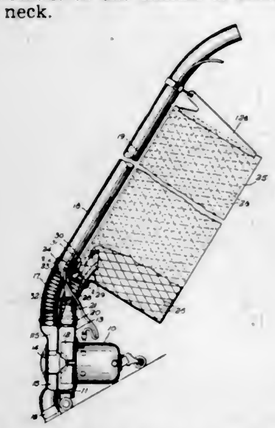


1. The herein described means for attaching a dust filtering element to the discharge pipe of a suction cleaner which comprises a nipple operatively connected to the discharge pipe, said nipple having a circumferential groove therein, a spring finger carried by and extending lengthwise of said nipple and having a bent-over portion normally forced into said groove, and a strap for securing the mouth of the dust collector over said nipple, said strap passing around said finger and being retained thereby, and forcing a portion of said bag mouth into said groove.

2,123,914
PNEUMATIC CLEANER
Daniel Benson Replogle, Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, a corporation of Ohio, as trustee
Application January 30, 1937, Serial No. 123,286
29 Claims. (Cl. 15—16)

1. In a suction cleaner, having an exhaust outlet pipe and a hinged handle; a dust collecting

and air filtering bag carried by the handle and composed of reinforced porous paper, a strong flexible connecting neck communicating at one end with the mouth of the bag and at the other with the outlet pipe, and means for supporting the mouth of the bag from the handle, whereby the movement of the handle is absorbed by said flexible neck.



17. In a portable suction cleaner having a handle movable with reference to the body of the cleaner and an exhaust outlet for dust laden air; a dust filtering bag composed of porous material which is inexpensive but of insufficient strength to withstand the repeated bendings which would occur if the mouth of the bag were connected directly to the cleaner outlet, a flexible tubular member connecting the mouth of the bag with said outlet, and a rigid bag supporting member beneath and attached to the handle and pivotally connected to the cleaner adjacent said outlet.

2,123,915

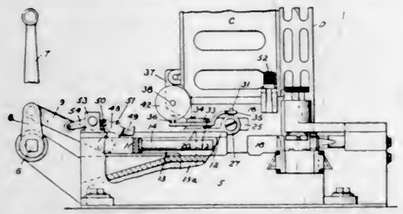
CARTRIDGE FEEDING MECHANISM

Arthur W. Rodler, Davenport, Iowa

Application March 20, 1936, Serial No. 69,840

4 Claims. (Cl. 86—48)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a cartridge feeding mechanism, a feed box including a casing having a partition to provide two cartridge chambers, pawls in opposite sides of the casing, means for normally holding each pawl in position to oppose movement of a cartridge through a corresponding chamber, a lever engaging each pawl, a shaft mounted on the casing, a ratchet wheel fixed on the shaft, a pair of cam wheels fixed on the shaft and having cam lobes arranged in related sequence, each cam wheel engaged by a lever, a member for advancing a cartridge emerging from the feed box, and means controlled by said member for actuating the ratchet wheel.

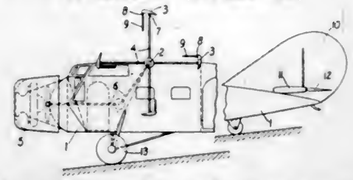
2,123,916

AIRCRAFT

Adolf Rohrbach, Berlin-Wilmersdorf, Germany, assignor to Rohrbach Patents Corporation, Dover, Del., a corporation of Delaware

Application August 8, 1933, Serial No. 684,268. Renewed October 18, 1937. In Germany August 9, 1932

27 Claims. (Cl. 244—20)



1. Aircraft, comprising a fuselage, a motor and a plurality of aerodynamically profiled wings revolving bodily on a substantially circular path about an axis transverse to the direction of aircraft motion under actuation of said motor, said wings being oscillated about their individual axes by an oscillation gearing, to alter their angles of oscillation periodically in a determined manner during the movement on the circle of revolution and to vary this period, said oscillation gearing being composed of an individually adjustable γ oscillation gear and an individually adjustable α oscillation gear, the γ oscillation gear comprising means for angularly accelerating and decelerating said oscillation gearing relative to the rotation of said wings whereby the wings in every point of the circle of revolution are set in the resultant airflow, said resultant airflow corresponding to the ratio of the direction and amount of the revolving velocity of the wings to the direction and amount of the velocity of the airflow through the circle of revolution relative to the aircraft and forming with the tangent to the circle of revolution an angle γ, the α oscillation gear comprising means for translating said oscillation gearing back and forth relative to a radius of said circular path of the wings thereby causing an additional periodical oscillation by which the wings relative to the said resultant airflow form in every point of the circle of revolution an angle of incidence α preventing the breakdown of the airflow.

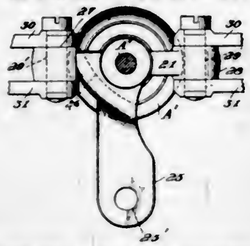
2,123,917

OVERHEAD TRAVELING CONVEYER

Wyndham Earle Sparling and Raymond Kolbe Wilson, Cincinnati, Ohio, assignors to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio, a corporation of Ohio

Application April 20, 1935, Serial No. 17,524

19 Claims. (Cl. 198—177)



11. An overhead traveling conveyer comprising a trolley having a pair of supporting wheels and an axle upon whose opposite ends said wheels are rotatably mounted, and an endless traveling driving chain including a pair of links connected directly to said axle, for imparting traveling movement to said trolley, one of the links connected to said axle having a part located substantially in the vertical plane of the axle and which serves to connect the load to said link.

2,123,918

ACID DYESTUFFS AND PROCESS OF PREPARING THEM

Paul Wolff and Friedrich Heim, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application May 10, 1934, Serial No. 725,007. In Germany May 11, 1933

2 Claims. (Cl. 260—48)

1. The process which comprises heating in the presence of water one mol. of benzaldehyde-para-sulfonic acid with two mols of N-methyl-alpha-phenylindole-sulfonic acid, acidifying with sulfuric acid and oxidizing with bichromate, the solution of the leuco-compound, thus obtained, isolating the dyestuff sulfonic acid in the form of its sodium salt and heating it at about 120° C. for some hours with an excess of para-anisidine.

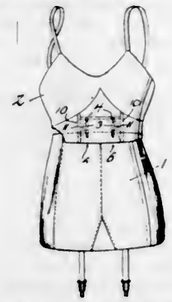
2,123,919

GARMENT

Robert T. Allis, Springfield, Mass., assignor to the Standard Corset Company, Holyoke, Mass., a corporation of Massachusetts

Application July 14, 1936, Serial No. 90,498

3 Claims. (Cl. 2—30)



1. In an upper garment section adapted to be associated with and to overlap a lower garment section, substantially vertically extending boning at the lower portion of the upper section, diagonally extending boning also carried at the lower portion of the upper section with the lower end thereof adjacent the lower end of the vertical boning, and fastening means to secure the upper and lower sections together anchored on the upper section at a point adjacent the upper end of the diagonal boning to thereby transmit a lengthwise thrust to the diagonal boning and through the latter a downward thrust to the vertical boning in response to a downward pull on the fastening means.

2,123,920

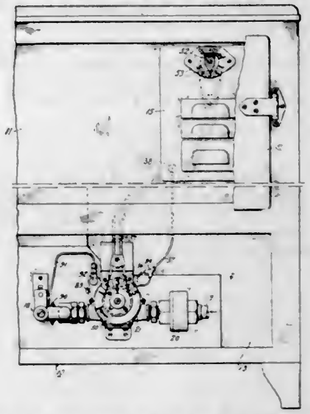
REFRIGERATION

Sven W. E. Andersson, Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware

Application June 1, 1934, Serial No. 728,525

35 Claims. (Cl. 62—5)

15. In a refrigerator, a cabinet having a thermally insulated storage compartment and an apparatus compartment, an absorption refrigeration apparatus including a cooling element in said storage compartment and a generator in said apparatus compartment, means for supplying heat to said generator, means in said apparatus compartment for decreasing the supply of heat to said generator and manually operable from within said storage compartment, and automatic means for resuming the supply of heat responsive to a predetermined increase in temperature of said cooling element.



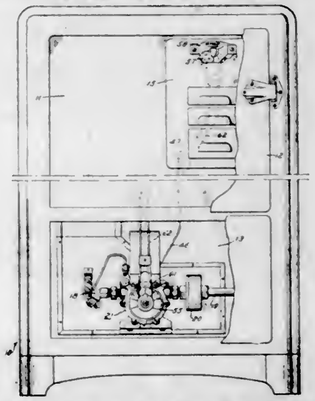
2,123,921

REFRIGERATION

Sven W. E. Andersson, Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware

Application December 19, 1934, Serial No. 758,195

26 Claims. (Cl. 62—5)



1. Refrigeration apparatus of a continuous absorption type including a cooling element, a generator, a gas burner for heating said generator, and a control device comprising a valve for controlling flow of gas to said burner, an expansible fluid thermostat operative responsive to temperature of said cooling element, means for adjusting the position of said thermostat, linkage operatively connecting said thermostat and said valve comprising a pair of levers, each pivoted at one end on a pivot fixed with respect to the position of said thermostat, a spring arranged to urge said levers apart, a catch on one of said levers constructed and arranged to engage the other

lever to prevent said levers from moving apart, one of said levers being operatively associated with said thermostat and the other lever being operatively associated with said valve, means whereby said levers are urged toward each other upon predetermined adjustment of said thermostat, said catch being constructed and arranged to detain said levers in a second position in which they are closer together, and means for operating said catch to release said levers to their normal position upon predetermined expansion of said thermostat.

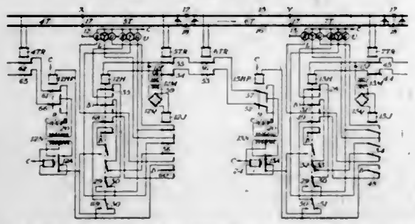
2,123,922

RAILWAY SIGNALING

Leslie R. Allison, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application March 14, 1936, Serial No. 68,807

27 Claims. (Cl. 246—50)



1. A railway signal system comprising a plurality of successive sections of railway track each having a pair of conductors governed by traffic conditions in said section, means effective when one section is occupied to supply the conductors for the section first in rear of such occupied section with current of one character, means then effective to supply the conductors for the section second in rear of such occupied section with current of another character simultaneously with current of said one character, means then effective to supply the conductors for the section third in rear of such occupied section with current of still a different character, and signaling means for each section governed by the associated conductors and selectively responsive to the character and number of the currents with which such conductors are supplied.

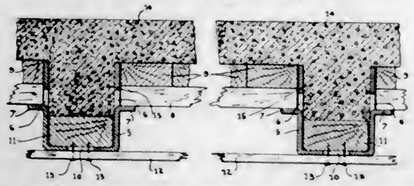
2,123,923

JOIST

Edward P. Alsted, Truesdell, Wis.

Refiled for abandoned application Serial No. 348,825, March 21, 1929. This application October 18, 1937. Serial No. 169,659

6 Claims. (Cl. 72—60)



1. As a new article of manufacture, a joist rectangular and substantially U-shaped in cross section to provide side pieces and a bottom piece, the side pieces provided with flanges extending laterally outwardly at intermediate points of said side pieces to form supporting ledges outwardly beyond the sides of the joists and below the upper portion thereof.

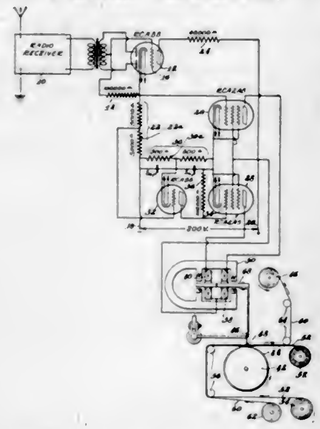
2,123,924

DIRECT-CURRENT AMPLIFIER

Maurice Artzt, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application July 31, 1934, Serial No. 737,720

6 Claims. (Cl. 179—171)



6. In a direct-current amplifier, a first electron tube and a second electron tube connected in push-pull relation to comprise a push-pull stage, a third electron tube connected directly to the second tube and operating to reverse the operating action of the latter with respect to the operating action of the first tube, a fourth tube directly connected to the first tube and resistively connected to the third tube and operating to control the respective biasing potentials on the first and third tubes, and means for varying the biasing potential on the fourth tube in accordance with signals applied to said amplifier.

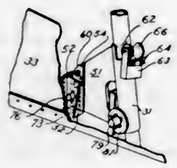
2,123,925

SNOW MOVING DEVICE

Ellsworth W. Austin, Cedar Rapids, Iowa, assignor to La Plant Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa, a corporation of Delaware

Original application January 2, 1936, Serial No. 57,091. Divided and this application December 24, 1936, Serial No. 117,490

3 Claims. (Cl. 37—44)



2. In a snow moving device including a tractor, means for mounting a wing blade on the tractor including a vertically-extending standard, a slide slidably mounted on the standard and including a plate, the plate having an opening therein adjacent the standard, a roller rotatably mounted on the slide and positioned in the opening in the plate and adapted to bear against the standard, and a wing blade pivoted to the slide and adjustably connected to the plate.

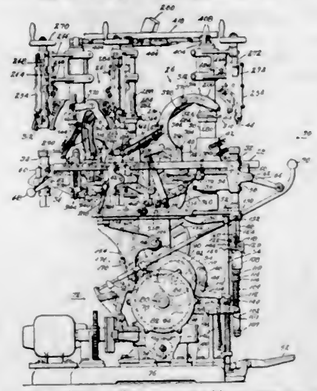
2,123,926

HEEL-ATTACHING AND FLAP-LAYING MACHINE

Lewis J. Bazzoni, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application June 2, 1936, Serial No. 83,116

23 Claims. (Cl. 12—125)



1. In a machine for operating upon shoes, a jack for a shoe, an abutment, means for moving the jack in a predetermined path to force the shoe against said abutment, said jack comprising a face which is inclined to said path of movement, and a cam provided with a spiral face constructed and arranged to engage said face of the jack and to prevent movement of the jack away from said abutment but to permit movement of the jack toward said abutment.

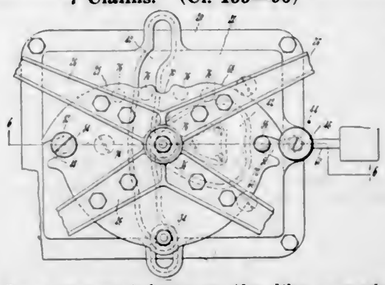
2,123,927

CAM-TYPE REVERSIBLE CAR-SEAT BASE

Alfred B. Bell, Gardner, Mass., assignor to Heywood-Wakefield Company, Boston, Mass., a corporation of Massachusetts

Application June 4, 1936, Serial No. 83,494

7 Claims. (Cl. 155—96)



4. In a car-seat base or the like, a pedestal adapted to be mounted with one end adjacent to the side wall of a vehicle, a seat carriage rotatable on said pedestal through a half turn from one position of use to the reverse position and laterally slidable thereon, and means controlling the movement of said carrier, said means including two cam slots in said pedestal each symmetrical with respect to the endwise median of the pedestal, a pair of cam followers mounted on said carrier and engaging in said cam slots respectively, the line of centers of said followers being perpendicular to said median when the carrier is in either position of use, a fixed post on said pedestal located on said median line at a point remote from said end of the pedestal, and a notch on the edge of said carrier in line with said cam followers and arranged to move into and out of engagement with said post during the mid-portion of the rotation of the carrier whereby said post serves as a fulcrum for said carrier as the latter rotates through its mid-position between the positions of use, each of said cam slots having an arcuate portion concentric with said post in which said followers move while said post serves as a fulcrum.

2,123,928

STABILIZED PARASITICIDAL COMPOSITION

Euclid W. Bousquet, Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 6, 1936, Serial No. 57,780

11 Claims. (Cl. 167—30)

1. A parasiticidal composition comprising a thio-diarylamine as the active parasiticidal ingredient stabilized by a stable reducing derivative of a sulfur acid of an oxidation stage lower than that of sulfuric acid.

2,123,929

PHOTOCHEMICALLY STABILIZED THIO-DIARYLAMINE PARASITICIDAL COMPOSITION

Euclid W. Bousquet, Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 6, 1936, Serial No. 57,781

5 Claims. (Cl. 167—30)

1. A parasiticidal composition stabilized against photochemical inactivation comprising as an active parasiticidal ingredient a thio-diarylamine and an ultra-violet opacifier in such an amount as to retard photochemical inactivation of thio-diarylamine.

3. A parasiticidal composition comprising thio-diphenylamine and an amount of tetramethyl diamino benzophenone sufficient to stabilize the thio-diphenylamine against photochemical inactivation.

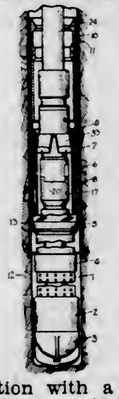
2,123,930

BACK OFF SETTING DEVICE

Cicero C. Brown, Houston, Tex.

Application November 30, 1936, Serial No. 113,470

14 Claims. (Cl. 166—10)



1. The combination with a strainer, a liner thereon and a packer on said liner, of a setting

device, including a wash pipe, means to secure said pipe detachably at the lower end of said strainer, a mandrel, a threaded nipple connecting said mandrel to said wash pipe, a locking sleeve on said mandrel engageable with means on said nipple to prevent relative rotation of said mandrel and nipple, frangible means to hold said sleeve in locking engagement with said nipple, packer setting dogs on said sleeve, said sleeve being releasable from locking engagement with said nipple through a downward thrust of said mandrel relative to said sleeve and dogs to break said frangible means, whereby said mandrel may be then unscrewed from said pipe.

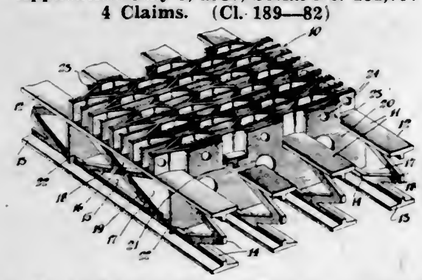
2,123,931

LOAD SUPPORTING STRUCTURE

Herbert H. Bunker, Jersey City, N. J.

Application July 3, 1937, Serial No. 151,787

4 Claims. (Cl. 189—82)



4. A load-supporting structure comprising stringers spaced from each other in parallel relationship, each of said stringers having diagonally extending truss elements, cross-bars in the form of strips running cross-wise of the stringers and extending through aligned openings between truss elements, said cross-bars being in engagement with the upper and lower portions of the stringers, projections extending upwardly from said cross-bars to above the tops of said stringers, and load-bearing structure held in place upon said stringers by the projections from said cross-bars so that the stringers, cross-bars and load-bearing structure are united in a composite load-supporting structure.

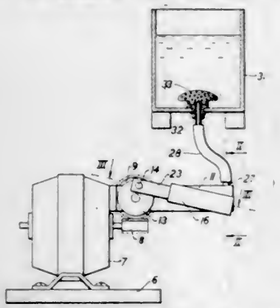
2,123,932

ACTIVATED DISPLAY DEVICE

Lawrence J. Carriveau, Milwaukee, Wis.

Application August 5, 1936, Serial No. 94,317

3 Claims. (Cl. 40—126)



1. A display device comprising a container for a fluid, a source of a gas under pressure, a tube extending from said source of gas into said container, and a solid block of porous material within said container and having one end of said tube connected with one surface thereof to diffuse gas through the pores of said block from all surfaces thereof into the liquid in said container, said block being shaped and marked to simulate an effervescent object to be displayed.

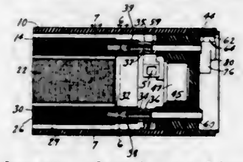
2,123,933

MOTOR CONSTRUCTION

Frederick W. Cotterman, Dayton, Ohio, assignor to Bessie D. Apple, Dayton, Ohio

Application August 14, 1937, Serial No. 159,134

8 Claims. (Cl. 171—252)



2. In a dynamo electric machine, a core of magnetizable material having poles, coils on said poles, and coil wedges between the coil sides of adjacent coils, said wedges having rigid terminal ends to which the coil ends are electrically connected.

2,123,934

PRODUCTION AND TREATMENT OF ARTIFICIAL FILAMENTS, YARNS, FILMS, AND OTHER MATERIALS CONTAINING CELLULOSE DERIVATIVES

William Alexander Dickie and Percy Frederick Combe Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application May 31, 1934, Serial No. 728,316. In Great Britain June 27, 1933

9 Claims. (Cl. 18—54)

1. In a process for the manufacture of artificial filaments, threads, yarns, ribbons, films and like products having a basis of organic derivative of cellulose material, the step of changing the dimensions of said products while they are maintained in a sufficient plastic state to undergo the desired change with the aid of a lower aliphatic compound containing more than one chlorine atom and containing oxygen in the form of a group selected from the class consisting of alcoholic, ketonic, ester and hydroxy groups.

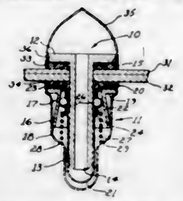
2,123,935

SEPARABLE FASTENER

Harry L. Dole, Milford, Conn.

Application March 22, 1937, Serial No. 132,251

9 Claims. (Cl. 24—230)



1. In combination, a member including a button and a stem, a member including a casing open at one end to receive said stem, means within said casing to engage said stem and secure the members together, and said stem having an opening therein for the insertion of a key therethrough into said casing to move and thereby release said means.

2,123,936

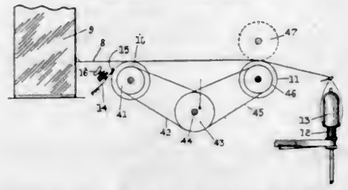
APPARATUS FOR THE TREATMENT OF ARTIFICIAL FILAMENTS

Henry Dreyfus, London, and William Ivan Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application November 11, 1929, Serial No. 406,269

In Great Britain December 20, 1928

3 Claims. (Cl. 18—8)



1. Apparatus for the treatment of artificial filaments comprising a roller round which the filaments are caused to pass, means for applying stress to the filaments to cause them to rotate the roller and an electro-magnetic braking device for applying to said roller a drag resisting such rotation and substantially independent of the stress that is being applied to the filaments but depending upon the rate of rotation of the roller whereby the filaments are permanently extended, and means for positively driving the roller at the beginning of the operation.

2,123,937

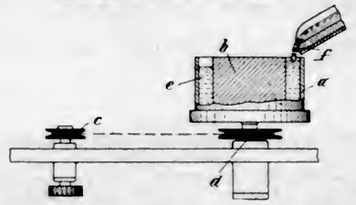
METHOD OF MOLDING HOLLOW BODIES OF GLASS

Bernhard Engels, Waldenburg-Altwasser, Germany

Application May 24, 1935, Serial No. 23,289

In Germany August 7, 1934

2 Claims. (Cl. 49—85)



1. A method of molding hollow bodies of glass or other silicic fusions of relative large diameter and corresponding proportionate wall thickness, which consists in providing a mold having a mantle and a core spaced therefrom and rigid therewith, pouring molten glass into such space from above the latter and in effecting rotational movement between the point of pouring and the mold of such degree of rotation as to cause the glass to be successively laid in layers each engaging the mantle and core and to simultaneously weld each layer to the next succeeding layer.

2,123,938

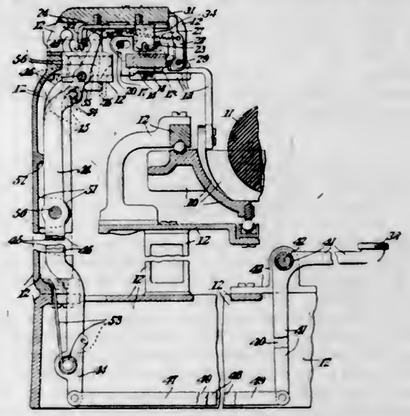
TYPEWRITING MACHINE

Carl Gabrielson, Syracuse, N. Y., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y., a corporation of New York

Application April 28, 1936, Serial No. 76,727

3 Claims. (Cl. 197—179)

3. In a typewriting machine having a traveling carriage and tabulating means for the carriage including a series of column stops individually settable in operative and inoperative positions and mounted to travel with the carriage, setting means for said stops comprising a single stop-setting member which is shiftably supported independently of the carriage for movements thereof in opposite directions from and back to a normal idle position from which said member is movable in one direction to operatively set a column stop registered therewith and from which said member is movable in the opposite direction to inoperatively set a column



stop registered therewith, a lever fulcrumed at one end thereof independently of the member and carriage, a stop for the other end of said lever, and a contractile spring connected at one end to said member and its other end to said lever intermediate the ends of the lever, said lever being normally engaged with said member and stop at the same side of its fulcrum and being fulcrumed for swinging movement of the lever away from said stop by said member when the latter is shifted in one of said directions out of its normal position.

2,123,939

METHOD OF APPLYING LUMINESCENT COLORS ON BODIES CONSISTING OF GLASS OR OTHER MATERIAL

Edmund Germer, Berlin, Germany

No Drawing. Application April 11, 1936, Serial No. 74,120. In Germany April 11, 1935

4 Claims. (Cl. 91—70)

1. A method of application of luminescent material to a body of vitreous material which comprises coating the surface of the body with a luminescent material prepared by mixing luminescent substance and a volatile binder, heating the body while unsealed in a pressure of the order of several atmospheres until softening occurs at least of the surface of the body to which the luminescent material is applied, lowering the pressure until any residual volatilized binder is removed, and again applying a pressure of the order of several atmospheres, while continuing the heating whereby to further coalesce the body and the applied material.

2,123,940

CYLINDER LOCK

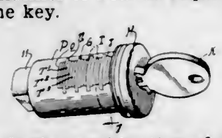
Raymond K. Gray, Chicago, Ill.

Application February 29, 1936, Serial No. 66,458

19 Claims. (Cl. 70—364)

1. In a lock, the combination of a hollow barrel having a longitudinal groove internally

thereof, a plug adapted for rotative mounting in the barrel provided with a longitudinal key slot and a transversely extending through opening, a plurality of plate tumblers within the plug opening adapted to slide transversely of the plug into and out of interlocking relation with the groove in the barrel, all of the tumblers being slotted for reception therethrough of a flat key and certain of the tumbler slots having edges positioned for engagement by cams on one key edge and other of the tumbler slots having edges positioned for engagement by cams which are offset with respect to and remote from the cammed key edge, and key guides interposed between certain of the tumblers disposed within the plug opening and limitedly movable transversely therein in a manner to float as required for alignment with the key.



19. In a lock, the combination of a hollow barrel having a longitudinal groove internally thereof, a plug rotatably fitted within the barrel and formed with a longitudinal key slot and a transversely extending through opening, and a plurality of key-operated flat tumblers each recessed along one edge between its opposite ends arranged within the plug opening adapted for sliding movement into and out of interlocking relation with the barrel groove, and means integral with one of the plug walls displaced therefrom and engaging within the side recesses of certain of the tumblers in a manner to limit sliding movements thereof whereby to prevent disassembly of the tumblers from the plug.

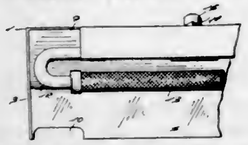
2,123,941

GAS TRACK HEATER

William H. Greenfield, Philadelphia, Pa.

Application July 8, 1936, Serial No. 89,563

5 Claims. (Cl. 246—128)



1. In a gas track heater, a body portion having top and bottom walls, a rear wall, and end walls having their front edges shaped to contact the base flange and web of a rail whereby the rail and body portion contribute to form a heating chamber, gas burners in said chamber having their delivery ends spaced from and directed towards each other, and means to feed a combustible mixture into opposite ends of said burner in opposite directions and the space between the burners being unobstructed whereby the flame from one burner impinges directly against the flame of the other burner, so that wind which tends to extinguish the flame of one burner will lengthen the flame of the other burner.

2,123,942

RING-SHAPED ELEMENT OF PRISMATIC SECTION FOR IMPROVING THE LUMINOSITY OF ELECTRIC LAMPS

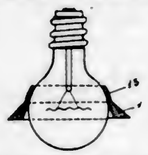
Arcadius Gunsbourg, Brussels, Belgium

Application May 26, 1936, Serial No. 81,838

In Belgium April 22, 1936

2 Claims. (Cl. 240—103)

1. An annular reflector to be loosely mounted on an electric lamp bulb, formed of light-permeable material and having inner and outer coaxial and frustro-conical surfaces of revolution



which diverge downwardly, the reflector being provided at its upper end with an integral collar to fit over the bulb.

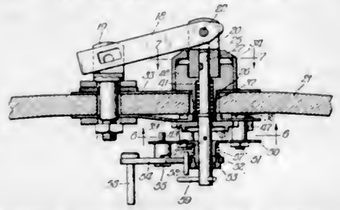
2,123,943

RESET MECHANISM FOR DEMAND REGISTERS

Ret O. Hamill, Elmshurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois

Application July 15, 1936, Serial No. 90,717

12 Claims. (Cl. 235—144)



1. A mechanism for resetting a rotatable member to its initial position comprising, in combination, means for engaging said member to restore it to its initial position, manually operable means movable through a complete revolution, means for placing said manually operable means in driving engagement with said member engaging means, and means for automatically releasing said driving engagement when said member is restored to its initial position.

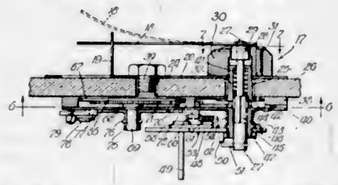
2,123,944

RESET MECHANISM FOR DEMAND REGISTERS

Ret O. Hamill, Elmhurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois

Application July 15, 1936, Serial No. 90,718

4 Claims. (Cl. 235—144)



1. A mechanism for resetting the maximum demand pointer of a watt hour meter to its initial position comprising, in combination, flexible means for engaging said pointer to restore it to its initial position, manually operable means movable through a complete revolution, connecting means for placing said manually operable means in driving engagement with said flexible means, and means for automatically releasing said driving engagement when said pointer is restored to its initial position.

2,123,945

NECKTIE GUIDE

Albert F. Henderson, Middleton, Mass.

Application February 23, 1937, Serial No. 126,993

2 Claims. (Cl. 223—111)



1. A collar fold opening device adapted to be secured to a necktie for movement with the latter between the folds of a collar, comprising a U-shaped body portion of relatively narrow width adapted to be clamped upon the necktie, and having only one upstanding guide means extending above the bight of the device for engaging the apex of the fold, said upstanding guide means being of less thickness than the body portion so that movement of the necktie with said device thereon through a collar will open the fold of the said collar to properly position the necktie within the fold thereof.

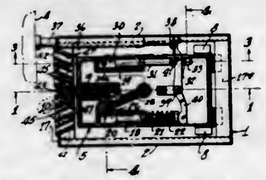
2,123,946

JOURNAL LUBRICATOR

James J. Hennessy, Montclair, N. J.

Application December 10, 1934, Serial No. 756,796

23 Claims. (Cl. 308—84)



22. In a journal lubricator, an oil feeding member, means for actuating said member during movement of the journal, a control chamber having an inlet communicating with a supply of liquid, and a piston in said chamber having a connection with said actuating means whereby the operation of said feeding member is dependent upon the quantity of liquid in said control chamber.

2,123,947

KITCHEN IMPLEMENT

Harry Hertzberg, New York, N. Y., assignor to Hertzberg Patents, Inc., New York, N. Y., a corporation of New York

Application September 5, 1936, Serial No. 99,553

8 Claims. (Cl. 15—105)



8. A mop including a handle, mopping material at one end of said handle, a wad of cleaning material in front of said mopping material, a rubber scraper behind said mopping material and a wire member extending through said mopping material and scraper for securing same to the handle, said wire member having a loop portion for removably holding the wad of cleaning material.

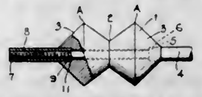
2,123,948

YARN GUIDE

Harmon Howorth, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

Application August 21, 1935, Serial No. 37,133

3 Claims. (Cl. 242—157)



1. As an attachment for a yarn processing device, a yarn guide for guiding the yarn with a rolling friction, comprising a shaft, a roller rotatably carried thereby, said roller having ends which taper towards the edges of said rollers down to the bore of said roller and, intermediate said ends, a groove with which the yarn is adapted to contact in its travel, and means on the inside of said roller for positioning said roller axially on said shaft.

2,123,949

FLUX FOR GALVANIZING

Raymond J. Kepfer, Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original application November 14, 1934, Serial No. 752,943. Divided and this application June 10, 1937, Serial No. 147,473

2 Claims. (Cl. 148—25)

1. As a new article of manufacture, a foaming galvanizing flux composition for use on a galvanizing bath of molten metal comprising a predetermined amount of cotton-seed meal and a chloride flux selected from the group consisting of zinc chloride, ammonium chloride, and zinc ammonium chloride.

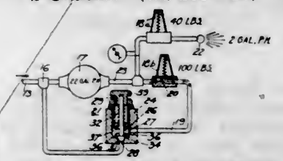
2,123,950

HYDRAULIC SYSTEM CONTROL MEANS

Emert J. Lattner, Cedar Rapids, Iowa

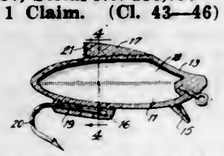
Application May 4, 1936, Serial No. 77,780

2 Claims. (Cl. 103—42)



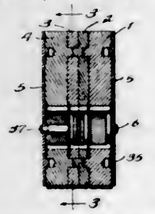
1. In an oil burner including a fuel supply line, a pump, a return line from the discharge side of the pump to the intake side, a pressure valve for regulating the flow of fuel through the return line, the pressure valve having an air vent port leading from the discharge side of the pump to the return line, and a two seated vent valve in the return line adapted when in position on one seat to close off the portion of the return line between the intake side of the pump and the valve and to vent to atmosphere the remaining portion of the return line between the valve and the discharge side of the pump, and when in position on the other seat to close off the vent to atmosphere and to open the return line.

2,123,951
FISH LURE
Joseph McArthur, Dowagiac, Mich., assignor to James Heddon's Sons, Dowagiac, Mich., a corporation of Michigan
Original application May 1, 1936, Serial No. 77,369, now Patent No. 2,106,755, dated February 1, 1938. Divided and this application July 31, 1937, Serial No. 156,790
1 Claim. (Cl. 43—46)



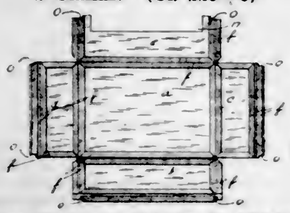
A fish bait consisting of a body formed of composition and a preformed protuberant portion of the same composition united to the body by coalescence and extending outwardly from the plane of the body, said protuberant portion being in the form of a rib depending from the under side of the body, and a hook having its shank imbedded within said rib and having its barbed end protruding rearwardly therefrom.

2,123,952
STAMP
Henry J. Melind, Chicago, Ill.
Application January 27, 1937, Serial No. 122,546
13 Claims. (Cl. 101—111)



1. A self-contained band type stamp unit comprising a frame consisting of main and handle forming portions, a band of type, means in said main portion for turning said band of type, means for guiding and shielding said band of type and for holding the same during printing, means on said unit for aligning a similar unit therewith, and means for holding a plurality of said units together in alignment to form a changeable band type stamp.

2,123,953
CIGAR BOX
Chester G. Myers, York, Pa., assignor, by direct and mesne assignments, to Autokraft Box Corporation, Lima, Ohio, a corporation of Delaware
Application July 10, 1924, Serial No. 725,189
Renewed December 8, 1937
2 Claims. (Cl. 229—6)



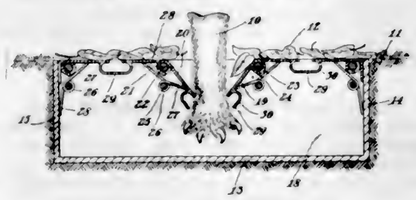
1. A cigar box comprising a box body, a cover, a hinging strip secured to the outer face of the rear wall of the box body and to the rear edge of the cover, an edging blank covering the lower edge of the rear wall, the rear edge of the bottom wall and the opposite side edges of the rear wall and cut away to expose the upper edge of the rear face of the rear wall of the box for the attachment of the hinging strip after the application of the edging blank, and a separate edging blank for covering the hinging strip and edging the outer face of the upper portion of the rear wall of the box and the top face of the cover in proximity to the rear edge of the latter.

2,123,954
CUSHION SHANK FOR SHOES
William H. Nickerson, Newton Center, Mass.
Application August 3, 1935, Serial No. 34,542
2 Claims. (Cl. 36—76)



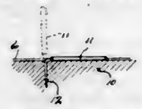
1. The combination with a shank stiffener having longitudinal and transverse curvature of a cushion adapted to overlie such stiffener, having a rib on one side to fit the concavity of the stiffener and having pockets opening from the same side near the opposite ends and extending respectively toward such ends, adapted to receive the corresponding ends of the stiffener.

2,123,955
ANIMAL SNARE TRAP
Josef Oberle, New York, N. Y.
Application April 9, 1935, Serial No. 15,383
3 Claims. (Cl. 43—77)



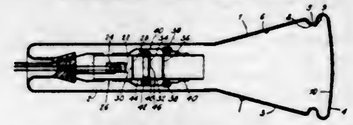
1. In a trap of the class described a plurality of trap doors, a casing being covered by said doors, spindles hingedly mounting said trap doors, pins on said spindles, said doors having hinged sleeves bounding said spindles, said hinged sleeves having slots therein in which said pins register, said slots and said pins cooperating to permit rotation of said trap doors from a depressed to a horizontal position, shafts mounted in said casing, and coil springs wound about said shafts having the ends thereof engaging opposing trap doors, said springs being adapted to normally retain said trap doors in horizontal position, the cooperating edges of the doors of each pair being provided with sets of serrated teeth to grip the foot of an animal, said sets of teeth on each door being arranged, one above the other, the upper sets of teeth of opposite doors being spaced apart when said trap doors are in closed position, the lower sets of teeth of opposing doors being interengaged when said trap doors are in closed position.

2,123,956
BATTERY IDENTIFICATION TAG
Ole N. Olson, Moorhead, Minn.
Application February 17, 1937, Serial No. 126,223
1 Claim. (Cl. 40—25)



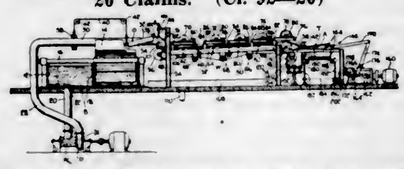
A battery identification tab integrally formed of ductile battery acid resisting material and comprising a flat main body adapted to carry suitable indicia, and a spear-like portion projecting from one edge of the main body and adapted to be inserted into the sealing compound of a battery to secure the tab to the battery, said spear-like portion having a maximum cross sectional area less than that of the main body and which tapers toward its free end from its point of jointure to the main body, so that when said spear-like end portion is inserted to any varying extent into the battery sealing compound its weakest and most easily bent portion outward of the sealing compound will be immediately adjacent the sealing compound, whereby when lateral bending pressure is applied through the main body the main body will resist such pressure as is necessary to bend the spear-like end and said spear-like end will bend immediately outward of the sealing compound.

2,123,957
ELECTRON TUBE
Richard Tempel Orth, Maplewood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 2, 1934, Serial No. 728,686
5 Claims. (Cl. 250—27.5)



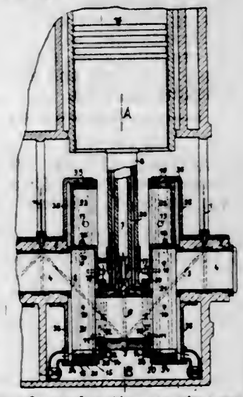
1. The method of fabricating electron tubes of the cathode ray type which are formed from a plurality of sectional vitreous parts which comprises the steps of coating one sectional part with a material adapted under the influence of cathode rays to become fluorescent, and fusing the sectional coated part to a second part to form thereby a complete tube envelope in which suitable electrodes may be mounted.

2,123,958
PAPER MANUFACTURE
Roland A. Packard, Lee, Mass., assignor to Smith Paper, Inc., Lee, Mass., a corporation of Delaware
Application January 2, 1935, Serial No. 115
20 Claims. (Cl. 92—20)



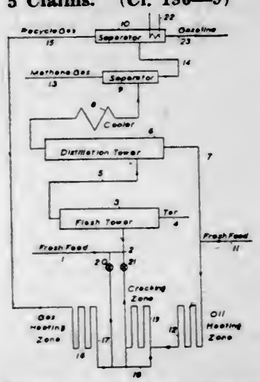
1. In the manufacture of paper, the method which includes bleaching rag half stock, feeding the bleached stock to moving wringer means, and bleeding or bypassing a part of the stock being fed to the wringer means in order to regulate the rate of flow of stock thereto, the stock being handled in a continuous active state of movement, and being given no opportunity to dwell and settle.

2,123,959
OIL CATCHER
Rudolf Pawlikowski, Goerlitz, Germany
Application August 1, 1936, Serial No. 93,811
In Germany August 2, 1935
1 Claim. (Cl. 184—6)



In an internal combustion engine an oil catcher for the crankshaft and connecting rod bearings for preventing the contamination of the oil for lubricating the crankshaft and connecting rod bearings by the waste cylinder oil and simultaneously catching and separately leading off the lubricating or cooling oil passed through the hollow piston rod, comprising crank cheeks completed by parts secured to them to form circular faces concentric with the crankshaft axis, said parts tightly surrounding the edges of the bushes of the connecting rod and being embraced at the periphery by stationary catching discs.

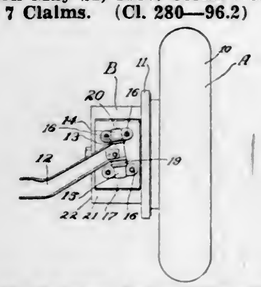
2,123,960
METHOD OF CRACKING HYDROCARBON OILS
Henry C. Pennrich, Brussels, Belgium
Application August 29, 1935, Serial No. 38,362
5 Claims. (Cl. 196—9)



1. The method of cracking hydrocarbon oils comprising the steps of separating normally in-

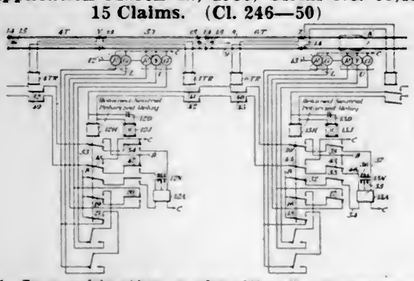
condensible hydrocarbon gases into a first fraction rich in methane and into a second fraction substantially free from methane, heating said second fraction under a pressure of between 500 and 3000 pounds per square inch to a temperature sufficient to start exothermic polymerization and not exceeding 1200° F., and keeping said temperature substantially constant whereby a fully controlled polymerization product is obtained, mixing said heated second fraction with a hydrocarbon oil to be cracked, said hydrocarbon oil being heated to a temperature below its cracking temperature and said mixture being in proportions sufficient to cause cracking of a part of said oil, passing said mixture through a cracking zone, and maintaining said pressure on said mixture in the cracking zone, removing the mixture from the cracking zone and adding cold fresh feed to the cracking mixture.

2,123,961
DOUBLE ACTING SHOCK ABSORBER
Alfred T. Peterson, St. Paul, Minn., assignor of one-half to Hugh V. Mercer, Minneapolis, Minn.
Application May 21, 1937, Serial No. 143,969
7 Claims. (Cl. 280—96.2)



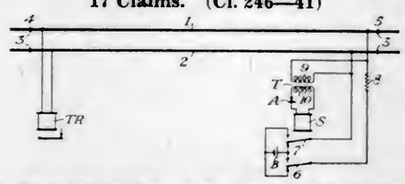
1. A shock absorber for vehicle wheels comprising, a casing secured to the wheel spindle of a vehicle, a plate pivotally secured to the axle of the vehicle and pivotally secured to said casing on an axis extending transversely with respect to the direction of travel of the vehicle, and resilient means resisting a pivotal movement between said plate and said casing.

2,123,962
RAILWAY SIGNALING
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 12, 1936, Serial No. 68,497
15 Claims. (Cl. 246—50)



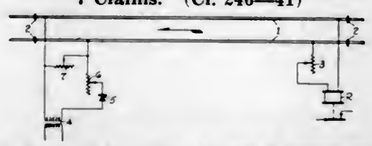
1. In combination, a plurality of successive sections of railway track each having a track circuit including a track relay, a line circuit for each section governed by the associated track relay, a polarized direct current relay and an alternating current relay for each section connected to the associated line circuit, a source of direct current for each section, an alternator for each section for converting direct current to alternating current, means including back contacts of both said direct current and said alternating current relay for connecting the associated alternator to the associated direct current source and to the line circuit next in rear of the associated section, means including front contacts of the alternating current relay and back contacts of the direct current relay for supplying such rear line circuit with direct current only of reverse polarity, means including front contacts of said direct current relay for supplying such rear line circuit with direct current only of normal polarity and a signal for each section governed by said two associated relays.

2,123,963
RAILWAY SIGNALING APPARATUS
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 12, 1936, Serial No. 79,300
17 Claims. (Cl. 246—41)



1. In combination, a section of railway track, a source of track circuit current, a normally de-energized relay, means effective to connect said source across the rails of said section in one direction or in the other direction according as the back contacts or the front contacts respectively of said relay are closed, means effective when said section becomes occupied by a train to energize said relay momentarily and only momentarily, and a track relay receiving current from the rails of said section.

2,123,964
TRACK CIRCUIT FOR RAILROADS
Frank X. Rees, Albany, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application May 29, 1935, Serial No. 24,074
7 Claims. (Cl. 246—41)



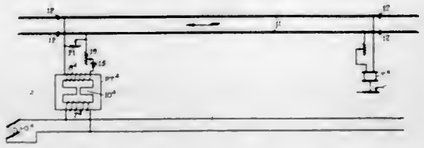
1. A track circuit for railroads comprising, in combination with a direct current track relay of the usual tractive armature type connected across the rails at one end of a track section, a source of alternating current connected across the track rails in series with a half-wave rectifier and a limiting resistance at the other end of said track section, and an ohmic shunt bleeder resistance connected across the track rails at said other end of said track section, said resistances being proportioned with regard to the operating current and inductive reactance of the relay to cooperate with the ballast resistance and maintain approximately constant current through the relay for a wide range of variation in ballast resistance.

2,123,965
TRACK CIRCUIT
Frank X. Rees, Albany, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application August 21, 1936, Serial No. 97,204
3 Claims. (Cl. 246—34)



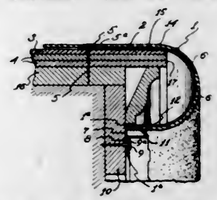
1. In an alternating current track circuit for railroads, the combination with a section of railway track, a polyphase alternating current relay having two windings one connected across the track rails at one end of said section and the other connected to a source of substantially sinewave alternating current, a peaker voltage transformer for changing a substantially sinewave alternating current voltage to a very peaked alternating current voltage comprising a core structure for very loosely inductively coupling a primary winding and a secondary winding wound thereon, said core structure also including a leakage magnetic path for passing magnetic flux linking only said primary winding, and means for connecting said primary winding to said source and connecting said secondary winding across the track rails at the other end of said section, whereby the winding of said relay connected across the track rails is energized by a voltage which has a high ratio of maximum to average value so that the voltage peaks of the alternating current voltage may act to break down the film resistance existing between wheels and rails to cause more effective wheel shunting without supplying sufficient effective current to maintain said relay energized during the presence of a train.

2,123,966
TRACK CIRCUIT
Frank X. Rees, Albany, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Original application August 21, 1936, Serial No. 97,204. Divided and this application October 27, 1937, Serial No. 171,379
5 Claims. (Cl. 246—34)



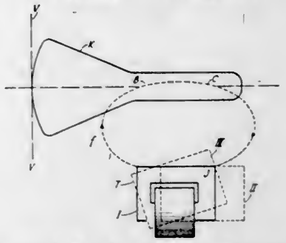
1. A track circuit for railroads comprising a half-wave rectifier, a limiting resistance, a peaking transformer energized from a source of alternating current for impressing voltage across the track rails at one end of the track section in series with said rectifier and said limiting resistance, and a shunt bleeder resistance connected across the track rails to cooperate with the ballast resistance to provide a conducting path through which the track relay having considerable inductive reactance may discharge current during the half cycles when the impressed voltage is blocked by the rectifier.

2,123,967
ROOF EDGE CONSTRUCTION
Ted W. Richter, Chicago, Ill.
Application February 10, 1936, Serial No. 63,095
Renewed December 17, 1937
5 Claims. (Cl. 108—26)



1. Roof edge construction comprising a sheet metal member extending along the edge of a roof, said sheet metal member having a flat portion overlying said roof, a channel portion extending outwardly from said flat portion and returning below the edge of said roof, and a gripping portion, formed below said returned channel portion, into which flexible roofing material may be inserted and gripped after having passed over and about said flat portion and said channel portion.

2,123,968
POWER SUPPLY SYSTEM
Hans Otto Roosenstein, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application October 12, 1935, Serial No. 44,696
In Germany August 26, 1934
3 Claims. (Cl. 250—27)



1. The method of avoiding distortion in the deflection of a cathode ray beam by the magnetic field of a power supply transformer, which comprises the steps of developing a cathode ray beam and projecting the beam along a predetermined path, deflecting the developed beam at one point in said path in one direction by a portion of the magnetic field of the transformer, deflecting the developed beam at a different point in said path in an opposite direction by a different portion of the magnetic field, and adjusting the position of the transformer to make the effective deflection of the beam at a predetermined plane equal to zero.

2,123,969
CLOTHING
Samuel Rosenblatt, New York, N. Y.
Application April 10, 1936, Serial No. 73,676
3 Claims. (Cl. 2—93)

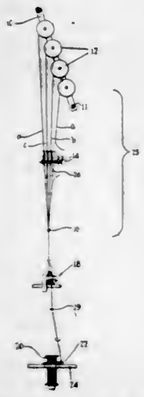
1. In combination, a snow suit jacket extending to the hips of the wearer open at the front forming front edges, a belt simulating member having the upper edge thereof stitched to the waistline of said jacket, a coat bottom having the upper edge thereof received beneath said belt simulating

member and detachably attached to said jacket, one end only of said belt simulating member ex-



tending beyond one front edge of said jacket, and means for attaching said end of said belt simulating member to the other end thereof.

2,123,970
METHOD OF THROWING SILK
Maurice Albert Salembier, Jr., Plandome, N. Y.
Application May 13, 1935, Serial No. 21,079
6 Claims. (Cl. 117—21)



1. The method of producing a natural silk yarn having a continuous length of at least twenty thousand yards which comprises the step of winding a continuous length of a single strand of at least twenty thousand yards, subsequently forming multiple strands on a spool adapted to contain twenty thousand yards of the multiple strand thread, and tying single strand knots at single strand breaks prior to the formation of the multiple strand thread.

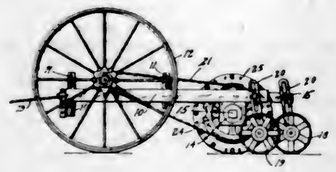
2,123,971
HOSIERY
Maurice Albert Salembier, Jr., Plandome, N. Y.
Application November 1, 1935, Serial No. 47,782
4 Claims. (Cl. 66—178)

1. The method of continuously producing natural silk stockings without press-offs or rejects, such stockings having no knots common to all strands of the thread, single strands having knots at breaks or run-outs, which comprises the steps of winding separate strands of natural silk of a length sufficient to make a multiple number of whole stocking leg portions, doubling similar strands, tying knots in case of breaks in not more than two-thirds of the strands at any one



point during doubling and prior to a point of twist, packaging the multiple strand thread with a spool for spool transfer to eliminate knots common to all strands, and subsequently knitting the thread into a multiple number of whole stockings.

2,123,972
WEEDER
Melvin M. Simpson, Sidney, Nebr.
Application December 31, 1936, Serial No. 118,528
7 Claims. (Cl. 97—144.1)



1. In a weeding machine of class described, a cable drum shaft; a cable drum surrounding said shaft; a universal bearing supporting one extremity of said shaft, so that the other extremity may rise and fall with the contour of the ground over which said machine is drawn.

2,123,973
GARMENT HANGER
Norman B. Smith, Providence, R. I.
Application December 5, 1934, Serial No. 756,055
2 Claims. (Cl. 223—94)

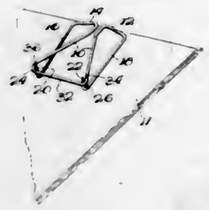


1. In a garment hanger, two arms each having a hinge plate, a hook having a shank passing through said plates and serving as a hinge pin therefor, and a coil spring seated on said pin and having its ends contacting said hinge plates.

2,123,974
PAPER FASTENER
William H. Smith, Rochester, N. Y.
Application April 1, 1937, Serial No. 134,395
11 Claims. (Cl. 24—153)

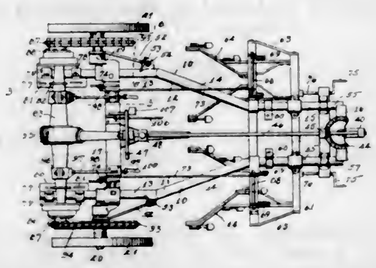
1. A paper fastener made of a single continuous piece of wire and comprising an open side loop portion substantially all of which lies substantially in one plane and two end portions substantially all of which lie substantially in a second plane arranged at a slight angle to the first

plane, the said planes intersecting substantially at the juncture of said end portions with said loop portion, said end portions extending from the open side of said loop across the loop and terminating with short pointed portions extending substantially perpendicular to the plane of



the loop just short of the side of the loop remote from the open side, said short pointed portions extending toward the plane of the loop, and said loop having a portion of its remote side opposite said open side offset from the plane of the loop toward said points and said second plane to form a guard.

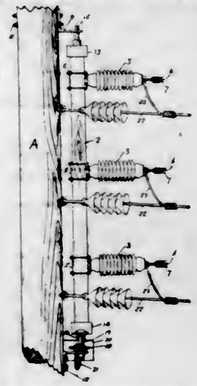
2,123,975
TRACTOR CONSTRUCTION
William B. Thiemann, Albert City, Iowa
Application November 16, 1935, Serial No. 50,233
12 Claims. (Cl. 180—72)



1. In a device of the class described, the combination of a supporting frame; a steering wheel supporting the front end of said frame; traction wheels supporting the rear end of said frame at points intermediate its front and rear ends; means for steering the front supporting wheel; power and power transmitting units supported by said frame, including an engine, transmission gear devices, a drive shaft, rear axle and differential housing; means for mounting said power and power transmitting units to move longitudinally of said frame with the axle and differential housing at the rear of the axles of said traction wheels, means for adjusting said units longitudinally of said frame whereby the weight of said axle and differential housing will counterbalance a portion of the weight of the front end of said tractor frame.

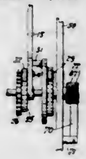
2,123,976
POLE SWITCH
George S. Van Antwerp, Norristown, Pa.
Application September 22, 1937, Serial No. 165,027
3 Claims. (Cl. 200—6)

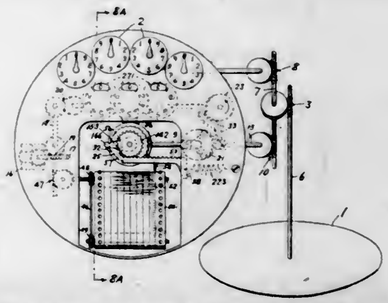
1. A pole switch comprising wooden bars adapted to be arranged parallel with and turnably secured to a pole and having insulating switch arms provided with blades, and means



for turning the wooden bars to open and close the switch.

2,123,977
CUMULATIVE DEMAND METER
Walter C. Wagner, Ardmore, Pa.
Application July 24, 1934, Serial No. 736,690
5 Claims. (Cl. 171—34)





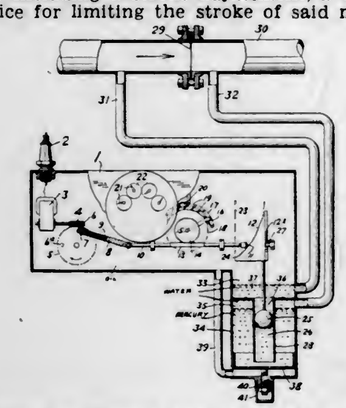
2. In a meter, a case surrounding and enclosing the operating elements of said meter, a pointer lever, a reset device comprising a pusher, means whereby said pusher may yieldingly contact and pass the pointer lever in its zero position, means whereby said pusher may be operated in one direction only, and manual means for operating said pusher from the outside of the case.

3. In a removable register for a watthour demand meter, means for indicating cumulatively the maximum demand made in each of a number of successive periods, and means for indicating the successive demand readings on a chart arranged within the removable register.

2,123,978
FLUID METER
Walter C. Wagner, Ardmore, Pa.
Application December 7, 1935, Serial No. 53,323
9 Claims. (Cl. 73—206)

1. A fluid meter comprising in combination, an

integrating register, a motor, reciprocating compressible means including a pawl-and-ratchet driven by said motor and driving the register and also including a stroke adjustment, a step cam device for limiting the stroke of said means by



compression thereof, and two float mechanisms whereof one is connected with and adapted to position said cam device in response to differential pressure at an orifice and whereof the other is connected with said stroke adjustment and is responsive to inlet side pressure at the orifice.

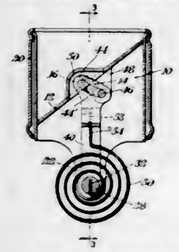
2,123,979

THERMOSTATIC VALVE CONSTRUCTION

Marshall H. Ward, Southport, Conn., assignor to Bridgeport Thermostat Company, Incorporated, Bridgeport, Conn.

Application May 22, 1936, Serial No. 81,163

9 Claims. (Cl. 236—34)



1. A device of the character described, including a tubular member, a valve pivotally mounted therein for controlling the flow of liquid through said tubular member, a rod rigidly secured to an extension of said tubular member, a thermostatic coil element having one end secured to said rod, a yoke pivotally mounted on said rod and being connected to the other end of said thermostatic element, said yoke being provided with a cam slot at its upper end for receiving a pin on said valve for controlling the rate of opening movement of said valve when said thermostatic coil element is actuated.

2,123,980

THERAPEUTIC TREATMENT

Harold Lynwood Warwick, Fort Worth, Tex., assignor to G. M. Basford Company, New York, N. Y., a corporation of New York

Application July 21, 1934, Serial No. 736,359

4 Claims. (Cl. 128—172.1)

1. An allergic treatment electrolyte solution containing the following ingredients in substan-



tially the proportions given:

	Per cent
Zinc sulphate	1.89
Stannous sulphate	0.19
Cadmium sulphate	0.09
Water	97.83

2,123,981

AMMUNITION

Ernest G. Whipple, Stratford, Conn., assignor to Remington Arms Company, Inc., a corporation of Delaware

Application September 28, 1935, Serial No. 42,579

4 Claims. (Cl. 102—26)



1. A projectile comprising an unjacketed zinc body containing a relatively small core of a soft metal.

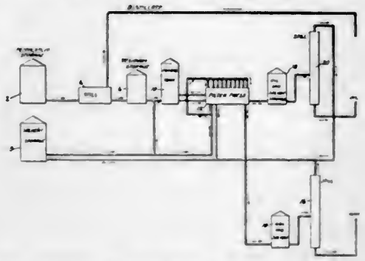
2,123,982

PROCESS OF MAKING WAXES

Everett R. Wiles, Barnsdall, Okla.

Application February 29, 1936, Serial No. 66,445

8 Claims. (Cl. 196—18)



2. A process of separating high-melting point waxes from petrolatum stock which comprises distilling the stock to between 20% to 50% bottoms, dissolving the bottoms in an excess of ethylene dichloride, fractionally precipitating the wax from the solution by chilling to approximately 80° F. with agitation, filtering, washing the precipitated wax with fresh ethylene dichloride, redissolving the precipitated wax in hot ethylene dichloride, and separating the solvent from the wax by distillation.

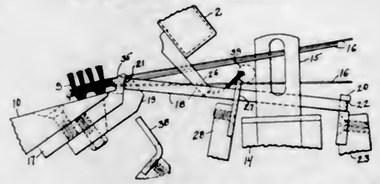
2,123,983

TUFT WEAVING LOOM

Clinton Alvord, Worcester, Mass.

Application August 14, 1933, Serial No. 684,975

28 Claims. (Cl. 139—9)



1. In a Smith type tuft fabric weaving loom, in combination, operable means for inserting tuft strands between warp strands by tube-like yarn guides of a tuft frame, a stationary breast beam comb, operable reed dents formed to cooperate with said comb in forming tufts and means located adjacent to said comb and adapted to guide the free ends of tuft strands pendant from said yarn guides and thereby isolate them from the reed dents and accompanying warp.

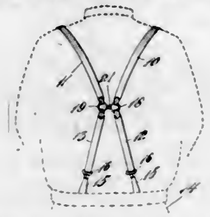
2,123,984

SUSPENDERS

Lawrence E. Baer, Attleboro, Mass., assignor to Swank Products, Inc., a corporation of Delaware

Application July 17, 1937, Serial No. 154,233

1 Claim. (Cl. 241—19)



Suspenders comprising a pair of shoulder straps having front ends provided with trouser engaging means, a pair of back straps provided at their lower ends with trouser engaging means, a pair of rigid metal rings, the back end of one shoulder strap and the upper end of one back strap being slidably connected to one ring, and the back end of the other shoulder strap and the upper end of the other back strap being slidably connected to the other ring, lateral extensions on each ring overlapping, and a pivot pin extending through said extensions.

2,123,985

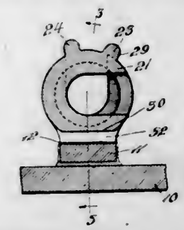
SAFETY CATCH

Frederick A. Ballou, Jr., Providence, R. I., assignor to B. A. Ballou & Co., Inc., a corporation of Rhode Island

Application December 6, 1935, Serial No. 53,176

2 Claims. (Cl. 24—157)

1. In a safety catch, a member having a base presenting a surface for attachment to an article by means of solder and presenting a second surface generally parallel to the front surface and spaced therefrom, a support for a rotor member extending from said base, a generally circular rotor member pivotally mounted on said support and having an arcuate edge along the major portion of its periphery with the pivot axis of the rotor as its center, said edge being swingable close to said second surface and said member having the ends of said arc joined by an edge of a shorter radial extent from said pivot axis than



the said remainder of the edge whereby a certain relative position of said members provides a substantial space between the nearest portion of the rotor member and said second surface.

2,123,986

MATTING OF ARTIFICIAL SILK

Karl Brodersen and Matthias Quaedvlieg, Dessau in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application October 1, 1937, Serial No. 166,833. In Germany October 13, 1936

3 Claims. (Cl. 28—1)

1. The process for producing matt effects on artificial silk which comprises fixing on the fiber sulfate radicles in form of insoluble sulfates of organic bases containing a hydrocarbon radicle of at least 10 carbon atoms, rinsing the material and treating it in a bath containing a water-soluble barium compound.

2,123,987

PRODUCING MATTING EFFECTS ON ARTIFICIAL SILK

Karl Brodersen and Matthias Quaedvlieg, Dessau in Anhalt, Albert Schneider, Leverkusen-Wiesdorf, and Herbert Gensel, Leverkusen I. G. Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application October 8, 1937, Serial No. 168,044. In Germany October 30, 1936

3 Claims. (Cl. 28—1)

1. A process for producing matt effects on artificial silk which comprises treating the artificial silk fiber with a suspension of a pigment in a solution of a water-soluble salt of a guanidine derivative of the group consisting of alkylbiguanide, alkylamino-amino-oxazolidine, iminoalkylaminomethylimidazoline (the alkyl radicle containing at least 10 carbon atoms) and the alkyl and hydroxyalkyl derivative thereof.

2,123,988

APPARATUS FOR APPLYING LIQUID POISON TO PLANTS

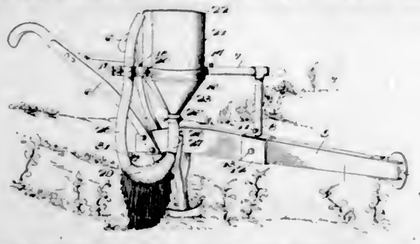
Alex M. Corley, Salley, S. C.

Application October 11, 1937, Serial No. 168,459

5 Claims. (Cl. 299—30)

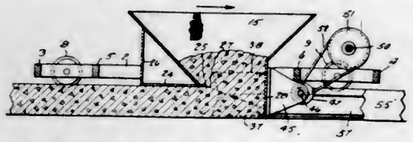
1. An apparatus for applying liquid poison to cotton plants or the like, comprising a support, a tank mounted upon the support for receiving the liquid poison, a generally U-shaped conduit having spaced arms, one arm being connected with the tank and the other arm being open near its upper end, a flexible absorbent liquid applying member carried by the trans-

verse portion of the generally U-shaped conduit, and an outlet device connected with one of said



arms and arranged to apply the liquid poison to the absorbent element.

2,123,989
MACHINE FOR LAYING CONCRETE
William P. Day, Cleveland, Ohio
Application July 6, 1936, Serial No. 88,929
4 Claims. (Cl. 94—46)



1. A machine for laying concrete comprising a wheeled vehicle, a hopper carried by said vehicle and having a discharge outlet, a member extending across said hopper and forming one side of the discharge outlet and having a series of projections thereon which extend substantially across said discharge outlet, a strike off screed beneath which the concrete is formed, some of said projections being disposed below and others being disposed above the plane of said screed and means for imparting rapid and violent vibrations to said screed and to said projections.

2,123,990
PRODUCTION OF METALLIC MAGNESIUM
Konrad Erdmann, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa.
No Drawing. Application March 23, 1937, Serial No. 132,541. In Austria April 2, 1936
10 Claims. (Cl. 75—67)

1. A process of producing magnesium which comprises evolving magnesium vapor from oxidic magnesium-containing material by thermal reduction with the aid of a carbonaceous matter and suddenly cooling the disengaged vapor so as to condense magnesium in solid powdery form, then separating the powdery condensate from carbon monoxide formed during the reduction and heating said condensate in the presence of a non-carbonaceous reducing agent to a temperature above the boiling point of magnesium enabling the non-carbonaceous reducing agent to withdraw oxygen from the magnesium oxide still present in its original condition or as reformed by reversal of reaction, whereupon the magnesium is recovered by condensation.

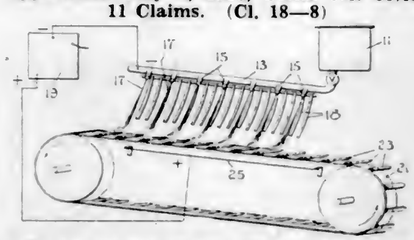
2,123,991
COOLING APPARATUS FOR AUTOMOTIVE VEHICLES
William B. Fageol, Kent, Ohio, assignor to Twin Coach Company, Kent, Ohio, a corporation of Ohio
Application January 14, 1936, Serial No. 59,143
3 Claims. (Cl. 123—174)

2. In a vehicle having an internal combustion engine located in a transversely and vertically elongated compartment in the rear portion thereof and drivingly connected with the vehicle wheels, means driven by said engine and operable to force a cooling fluid through the water jacket thereof, an elongated radiator disposed in said compartment above said engine in substantially a horizontal plane, said radiator comprising a central portion and a portion at each end thereof, one of said end portions being elongated vertically to provide an expansion space and being



open to the atmosphere at its upper end, a conduit placing the lower portion of said last-mentioned end portion in fluid communication with the intake side of said pump, a conduit placing said engine water jacket in fluid communication with the other end portion of said radiator, and means associated with said vehicle and said compartment for causing a draft of air downwardly through said compartment and the central portion of said radiator and over said engine.

2,123,992
METHOD AND APPARATUS FOR THE PRODUCTION OF FIBERS
Anton Formhals, Mainz, Germany, assignor of forty-five per cent to Richard Schreiber-Gastell, Mainz, Germany
Application July 1, 1936, Serial No. 88,431
11 Claims. (Cl. 18—8)

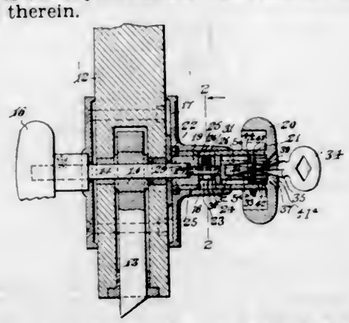


4. In an apparatus for the electrical spinning of fibers, means for forming a stream of spinning solution, means for imparting a high potential electrical charge to said stream of solution whereby to disperse the same into fibers, a moving collecting device for collecting said fibers, and means for maintaining said collecting device between zero potential and a potential lower than the potential imparted to said stream of solution and of polarity opposite thereto.

2,123,993
LOCK
Daniel S. Geiser, Waynesboro, Pa.
Application March 13, 1936, Serial No. 68,729
12 Claims. (Cl. 70—149)

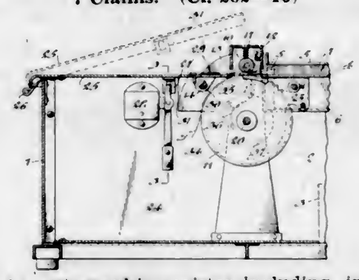
1. In a lock for operation by a screw-like key, the combination with a key-receiving casing, of a key guard comprising sections having passageways for the shank of the key, said sections being

relatively adjustable to vary the relative position of the passageways and thereby govern the character of the key shank that can be effectively engaged therein.



10. In a lock including a latch bolt and a spindle for operating the same, the said spindle having a transverse bore and a knob freely rotatable with respect to the spindle and having a chambered shank surrounding the spindle, a coupler movable from an inoperative position within the bore of the head to an extended position in engagement with the knob shank for connecting the spindle and knob, and a rotatable cam for moving the coupler having means for engagement and operation by a key.

2,123,994
RECORD STRIP CONTROL FOR AUTOGRAPHIC REGISTERS
Louis Fred Hagemann, Niagara Falls, N. Y., assignor to American Sales Book Company, Inc., Elmira, N. Y., a corporation of Delaware
Application April 10, 1935, Serial No. 15,618
7 Claims. (Cl. 282—16)



4. An autographic register including, in combination, record strip feeding mechanism including a feed roll, a roll carrier pivoted on an axis disposed forwardly of the feeding mechanism and substantially parallel to the axis of said feed roll, a strip diverter separate from the roll carrier and pivoted on an axis substantially coincident with the pivotal axis of said roll carrier, and a retaining device positioned for engagement with said diverter for retaining the latter in its operative strip diverting position.

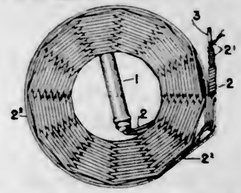
2,123,995
INSECT POISON CONTAINER
Robert L. Harroun, Miami, Fla.
Application May 2, 1935, Serial No. 19,428
3 Claims. (Cl. 43—131)

2. A container for insecticides comprising a disk-like piece of sheet material of polygonal shape, having a main base portion adapted to receive and support the insecticidal substance, and corner portions bent over and above the surface of said base portion as a partial covering in spaced substantially parallel relation thereto to provide space for insecticidal material between said base portion and covering, said covering having narrow slots therein through which in-



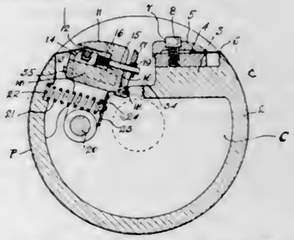
sects may reach the space for the insecticidal substance, but too narrow to permit access therethrough to the interior space by animals, said base portion at the corners thereof being in a common plane, and said slots extending down to the common plane of said base portion at the corners thereof.

2,123,996
ELECTRIC BLASTING CAP
William C. Hunt, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
Application April 10, 1936, Serial No. 73,602
4 Claims. (Cl. 102—10)



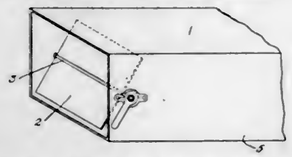
1. A prepared package comprising a blasting cap having a pair of lead wires wound in the form of a substantially rigid self-supporting, honeycomb coil, the blasting cap being within said honeycomb coil.

2,123,997
SHEET-HOLDING MEANS FOR CYLINDERS OF PRINTING PRESSES AND THE LIKE
Joseph F. Jirousek, Cleveland, Ohio, assignor to The Chandler & Price Company, Cleveland, Ohio, a corporation of Ohio
Application May 1, 1935, Serial No. 19,206
7 Claims. (Cl. 101—415.1)



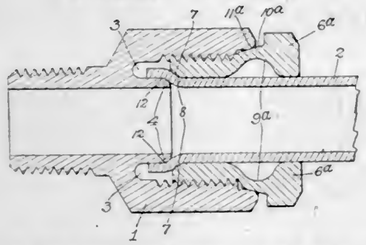
1. In mechanism of the character described, a cylinder and means for holding sheet material about its periphery, including a plurality of jaw-couples for holding one end of the sheet to the cylinder, said couples having each an interposed spring and a gauge pin, a bar in common mounting said jaw-couples, a central pivot for said bar, a regulating screw at each end of said bar, and self-tightening clamp means for the other end of the sheet, said means having a roller-jaw element and a jaw element for receiving the same, and an inclined surface upon which said roller element may travel.

2,123,998
DEVICE FOR ADJUSTING AND LOCKING DAMPERS
John J. Koch, Cleveland, Ohio
Application July 25, 1936, Serial No. 92,589
6 Claims. (Cl. 126—295)



1. A control device for adjusting and locking a shaft having operative relation with a damper or the like, comprising a terminally-flanged externally threaded tubular member adapted to be non-rotatably mounted on such shaft; an element in co-acting relation with said member said element having means operative to affix it to the wall of a duct containing such damper; engaging formations on said flange and said member permitting step-by-step rotative movement of said member; means effecting rotative movement of said member; a spiral spring mounted about said tubular member; and a nut mounted on said threaded tubular member operative to move said member in adjustable relation with said element, against the tension of said spiral spring.

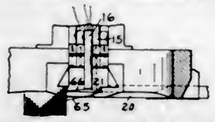
2,123,999
PIPE COUPLING
Raymond J. Lauer, Chicago, Ill., assignor to The Dole Valve Company, Chicago, Ill., a corporation of Illinois
Application September 14, 1936, Serial No. 100,614
4 Claims. (Cl. 285—86)



1. A pipe coupling comprising a body portion, interiorly threaded and having a recess into which the end of the pipe is received, a nut surrounding the pipe and having a threaded engagement with the body portion, a compression contact between the nut and the body portion for compressing the nut about the pipe when it is moved into the body portion, the material in the nut in proximity to said compression contact being reduced.

2,124,000
KNITTING MACHINE FOR PLAITING AND REVERSE PLAITING
Robert H. Lawson, Pawtucket, and Arthur N. Cloutier, Lonsdale, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application May 14, 1936, Serial No. 79,742
11 Claims. (Cl. 66—90)

1. In a knitting machine for knitting one yarn in plaiting relation to another yarn, a yarn guide for feeding a plaiting yarn and a backing yarn, said yarn guide being constructed to feed one of the yarns closer to the circle of needles than the other and at a definite angle thereto, and means functioning independently of the guide



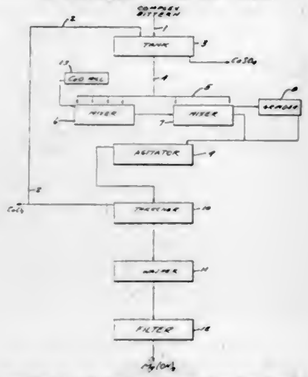
for holding one of the yarns in such a position that it will be spaced from the other by an angle greater than that provided by the guide to assure more satisfactory plaiting.

2,124,001
TENSION DEVICE
Robert H. Lawson and William L. Smith, Jr., Pawtucket, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application June 12, 1936, Serial No. 84,922
11 Claims. (Cl. 242—149)



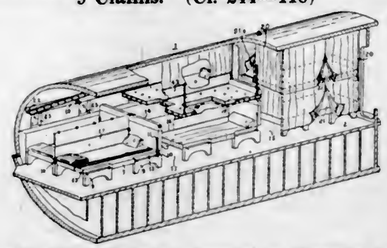
1. A yarn tension device including cooperating yarn engaging members between which a yarn is drawn, one of said members being formed as a loop of relatively thin, resilient material and so disposed relatively to the other that it presses the yarn against the other, but moves away from it and with the yarn upon passage of a knot or the like.

2,124,002
PROCESS FOR MANUFACTURING MAGNESIUM HYDROXIDE
Marion G. Mastin, Graceland Park, Redwood City, Calif., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y., a corporation of Delaware
Application December 26, 1933, Serial No. 703,936
2 Claims. (Cl. 23—201)



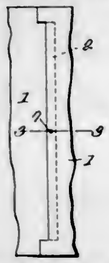
1. A method of producing hydrated magnesia in a readily settling and filtering form, from magnesian bitterns containing NaCl and $MgCl_2$, by reaction between quicklime and the $MgCl_2$, which comprises gradually admixing, with a charge of granulated quicklime, an amount of bittern carrying water sufficient for substantially complete slaking of the lime and containing $MgCl_2$ in amount about a quarter of the total amount required for converting the lime to magnesia, the rate of admixture being such as to maintain the mixture as a hot plastic steaming mass, agitating the mixture until the lime is substantially completely hydrated, then gradually adding more bittern to the plastic mass with agitation, in amount sufficient to convert the rest of the quicklime and form a thin slurry containing spongy hydrated magnesia, and recovering the magnesia from the slurry.

2,124,003
AIRCRAFT CONSTRUCTION
James S. McDonnell, Jr., Baltimore, and Drew M. Helwig, Raspeburg, Md., assignors to The Glenn L. Martin Company, Baltimore, Md.
Application September 22, 1937, Serial No. 165,026
9 Claims. (Cl. 244—118)



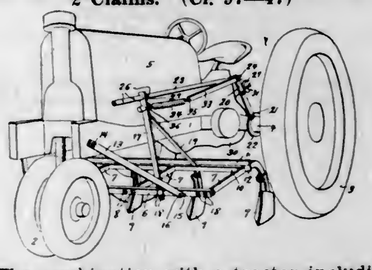
1. An aircraft cabin having a sleeping berth arrangement consisting of a plurality of sections forming an aisle, each of said sections comprising in combination two pairs of seats, means for transforming said seats into partitioned twin lower berths, means enclosing said twin lower berths, an upper panel hingedly connected to the wall of said aircraft cabin to form partitioned twin upper berths, a means enclosing said twin upper berths, and an individual entrance means from said aisle to each of the said berths.

2,124,004
SIDE SEAM FOR METAL CAN BODIES
James H. O'Neil, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application August 26, 1935, Serial No. 37,989
1 Claim. (Cl. 220—75)



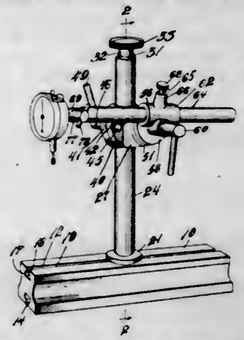
A metal can body having its edge portions joined by a side seam extending from one end of the body to the other, said side seam including interlocking hooks, a solder bond uniting the contacting metal parts of the side seam throughout the entire length of the side seam, and a welded metal bond located in the side seam midway between the ends thereof, said welded bond being disposed so as to join the hooks to each other and so as to join the hooks to the respective portions of the body wall carrying said hooks whereby a strain internally of the can body tending to rupture the solder bond and unfold the interlocking hooks is resisted by said welded metal bond.

2,124,005
TRACTOR CULTIVATOR
Joseph Pancheri, Melba, Idaho
Application August 5, 1937, Serial No. 157,595
2 Claims. (Cl. 97—47)



1. The combination with a tractor including a chassis and front and rear wheels, of an implement-carrying rig mounted below said chassis intermediate said front and rear wheels and pivotally connected to said chassis for vertical swinging movement, means for swinging said rig including a bar upstanding from said frame, a link swingably mounted on a fixed part of the tractor, means for swinging said link in opposite directions including a crank disk rotatably mounted on a fixed part of the tractor, a pitman rod connecting said disk to said link, a rod pivoted to said link and slidable in said bar, a pin in said last-mentioned rod on one side of said bar whereby movement of said link in one direction correspondingly moves said bar and swings said frame, and a yielding connection between said link and said bar whereby the latter and the frame are movable independently of said last-mentioned rod and tensioned against such independent movement.

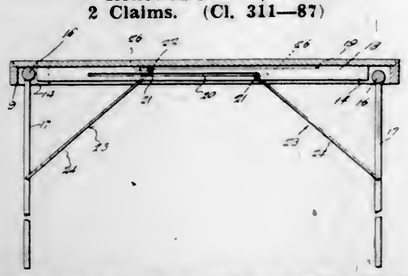
2,124,006
DIAL TEST INDICATOR
John W. Parker, West Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application October 18, 1934, Serial No. 748,971
8 Claims. (Cl. 248—124)



1. In a dial test indicator, a base having a finished upper surface and a slot opening into said surface, a bushing having a flange slidable on said surface with a depending portion entering said slot and engaging the opposite sides there-

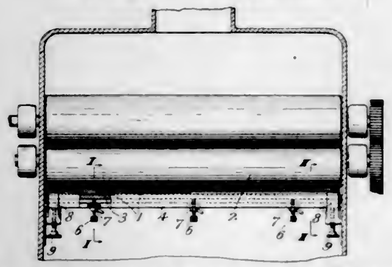
of to guide said bushing and prevent rotation thereof, a tubular standard embracing said bushing and extending upwardly from said flange, and means for clamping said bushing to said surface and the standard to said bushing.

2,124,007
FOLDABLE CARD TABLE
William F. Peters, Seattle, Wash.
Application July 27, 1935, Serial No. 33,571
Renewed June 7, 1938
2 Claims. (Cl. 311—87)



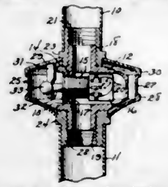
2. In a structural assemblage of the class described, a table top provided on its under side with a longitudinal rail, the ends of said rail terminating in spaced relation from adjacent members on the marginal portions of said table top, said rail having a central longitudinally elongated notch formed in that face abutting the under side of said top and said notch constituting a guideway, said rail being further provided with a longitudinally elongated slot forming a second guideway, one end portion of the slot underlying the major portion of said notch, one end of said notch being formed with a counter-notch, and one end of said slot being provided with a corresponding counter-notch and said counter-notches constituting keeper seats, a spring-pressed, cam-equipped latch associated with each keeper seat and cooperable with the entrance portions of the keeper seats, U-shaped leg frames hingedly attached to the top and provided with substantially V-shaped stay units, the inner ends of said stay units being confined in the aforementioned guideways for cooperation with the keeper seats and latches.

2,124,008
ROLLER BRUSH FOR ROLLER MILLS
Ernst Roth, Uzwil, Switzerland, assignor to the firm Gebrüder Bühler, Uzwil, Switzerland
Application August 26, 1937, Serial No. 161,117
In Switzerland October 5, 1936
1 Claim. (Cl. 83—12)



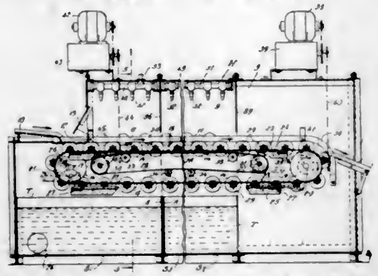
In a roller brush for roller mills, a grinding roller, a bristled brush for cleaning said roller by regulatable bearing engagement therewith, an adjustable open-ended brush carrier, springily resilient edges bordering the opening of said carrier for clampingly holding the bristles of said brush, means for shifting said bristles during the operation of the mill relative to said edges to project therefrom to an extent as required for setting the amount of resistance to be opposed by said brush when cleaning said roller during the grinding of a material of a certain nature, and means for adjusting the bearing engagement between said brush and said roller in adaptation to the nature of the material being ground.

2,124,009
COLUMN SWITCH FOR ELECTRIC LAMPS
Karl Schneider, Lexington, Ky.
Application March 23, 1936, Serial No. 70,499
1 Claim. (Cl. 200—168)



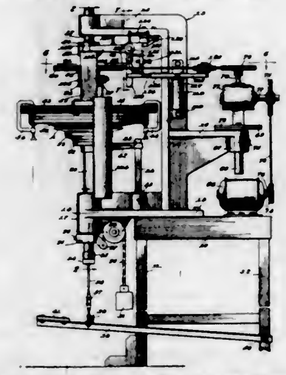
Switch mechanism for electric lamps and appliances comprising the combination with a tubular housing for circuit wires, of a switch carrier of substantially U-shape in cross section and having upper and lower legs connected by a flat plate opposite the bight of the carrier, aligned nipples extending from the upper and lower legs for securing the carrier in said housing, a snap action switch housed within the enclosure of the U-shaped carrier and having a securing nipple, said plate being provided with a perforation receiving said nipple, a pair of ring nuts threaded on the nipple and tightened against opposite faces of the plate to rigidly assemble the switch with the carrier, said switch being provided with an operating lever projecting through said opening, and a hollow grip rotatably mounted on said tubular housing and having an interiorly disposed fork depending from the top thereof and straddling said lever for manipulating the switch.

2,124,010
APPARATUS FOR TREATING CANNED MATERIALS
Horace L. Smith, Jr., and Lucian N. Jones, Richmond, Va., assignors to Thermal Engineering Corporation, Richmond, Va., a corporation of Virginia
Application April 25, 1936, Serial No. 76,298
5 Claims. (Cl. 53—20)



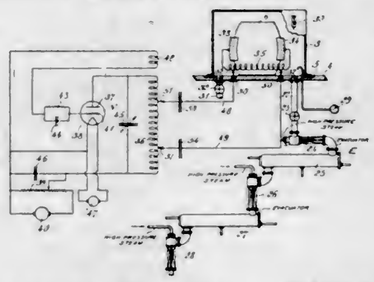
2. In an apparatus for treating perishable food products in closed containers of circular cross-section including a housing having an elongated passage therethrough and conveying means movable longitudinally of said passage for conveying containers therethrough; the improvement which comprises a series of container-supporting drums forming part of said conveying means and disposed in parallel spaced relation with their axes substantially horizontal and extending transversely of said passage, means for rotating said drums during their movement through said passage, and means for creating zones of different temperatures in different portions of said elongated passage.

2,124,011
APPARATUS FOR STENCILING
John C. Smith, Beaver, Pa., assignor to Solar Laboratories, a corporation of Pennsylvania
Application June 25, 1936, Serial No. 87,163
13 Claims. (Cl. 101—123)



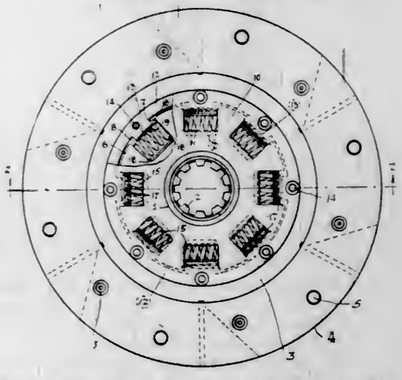
1. Apparatus for applying a continuous series of designs to an article by a stenciling process comprising an article holder, a stencil screen arranged for stationary contact with one face of the article and having pervious areas representing a continuous series of designs, means for forcing a coloring material through said pervious areas onto the article, and means automatically terminating the color applying operation immediately upon completion of the application of a single continuous series of designs to the article.

2,124,012
DRYING PROCESS
Horace L. Smith, Jr., Richmond, Va., assignor to Thermal Engineering Corporation, Richmond, Va., a corporation of Virginia
Application November 2, 1936, Serial No. 108,798
7 Claims. (Cl. 34—24)



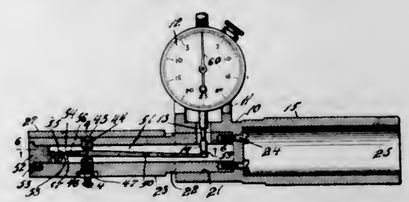
1. A process for drying tobacco comprising subjecting a mass of tobacco to a vacuum whereby moisture is evaporated therefrom, and simultaneously creating an alternating electro-static field in the tobacco mass whereby at least a part of the heat absorbed from the tobacco as latent heat of vaporization during the vacuum evaporation is replaced.

2,124,013
CLUTCH PLATE
Charles B. Spase, Syracuse, N. Y., assignor to Ira Saks, Cleveland, Ohio
Application October 5, 1936, Serial No. 104,033
9 Claims. (Cl. 192—68)



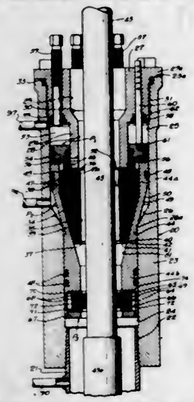
2. In a clutch plate, the combination of a disc, a hub rotatably mounted with respect to said disc, a slotted flange on said hub, an abutment plate carried by said disc, said abutment plate having openings in registry with the slots in said flange, spring elements mounted between the ends of the openings in said abutment plate and the ends of the slots in said flange, a ring carried by said disc, and a plurality of projections on said ring extending inwardly into said slots.

2,124,014
GAUGE
Chauncey C. Street, Providence, R. I., assignor to Federal Products Corporation, a corporation of Rhode Island
Application June 23, 1936, Serial No. 86,744
10 Claims. (Cl. 33—178)



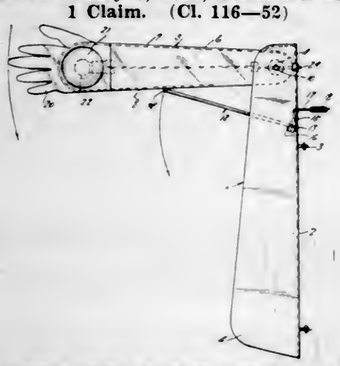
1. A gauge comprising a body having a pair of spaced relatively fixed contact members projecting therefrom, a relatively resiliently mounted third contact member projecting from said body and generally opposite and equally distant from each of said fixed contact members, a movably mounted feeler member located generally diametrically opposite one of said fixed contact members, and indicating means operatively connected to and responsive to the movement of said feeler member.

2,124,015
PACKING HEAD
Frederick Stone, Los Angeles, and Albert L. Stone, Redondo Beach, Calif., assignors to Hydril Company, Los Angeles, Calif., a corporation of California
Application November 19, 1935, Serial No. 50,482
28 Claims. (Cl. 166—15)



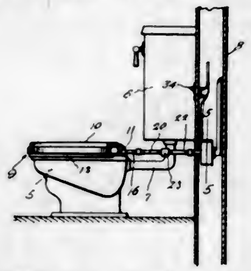
1. In a packing head applied to a well pipe, a tubular housing adapted to take an elongated member through its bore, a radially contractible packer in the housing and about said member, a packer contracter movable vertically within said housing, means holding one end of said packer against substantial vertical movement in the housing during vertical movement of said contracter, and means for introducing to a space in said housing and substantially closed from communication with said well pipe through the housing bore, fluid exerting a vertically applied pressure against said contracter.

2,124,016
AUTOMOBILE SIGNAL
Roy Stone, International Falls, and Harvey Jackson, Holler, Minn.
Application July 6, 1937, Serial No. 152,018
1 Claim. (Cl. 116—52)



In a device of the kind described, an elongated housing U-shaped in cross section for securing vertically by bolts passed through its bight portion to the side of an automobile at the left front door, a signal arm pivotally mounted at its predetermined inner and upper end within the predetermined upper end of the housing, a U-shaped yoke having pivot fingers turned laterally out at its free ends and thereby journaled through the sides of the housing below the point of pivotal mounting of the signal arm, the yoke being arranged to swing freely into or out of the housing and to bear upwardly against the signal arm for raising same into operative position, and means for actuating the yoke for thus elevating the signal arm.

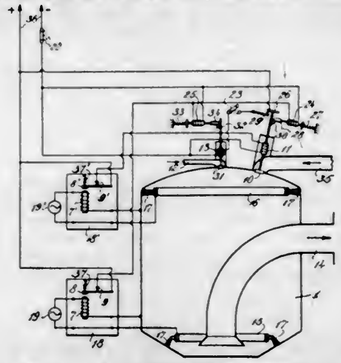
2,124,017
VENTILATED TOILET SEAT
James C. Vandiver, El Paso, Tex., assignor of forty-nine percent to Robert L. Knie, El Paso, Tex.
Application September 18, 1937, Serial No. 164,578
3 Claims. (Cl. 4—217)



1. The combination with a closet bowl, of a hollow seat member on said bowl, said seat member having a depending flange extending downwardly into overlying relation with the bowl at the upper edge of the latter, said seat being also provided on the under side thereof with perforations establishing a ventilating connection between said bowl and said seat and a ventilating pipe communicating with said seat, and a gasket member secured to the under side of said seat within the confines of said flange and arranged to contact the upper edge of the toilet bowl when the seat is in a position of rest on said toilet bowl, a casing interposed in said ventilating pipe, and a power driven fan for drawing air through the ventilating pipe housed within said casing, and said ventilating pipe including a section communicating with said casing, a second section communicating directly with the toilet seat, and a hollow ball and socket joint connection between the said sections of the ventilating pipe whereby said seat is free to swing vertically relative to the toilet bowl.

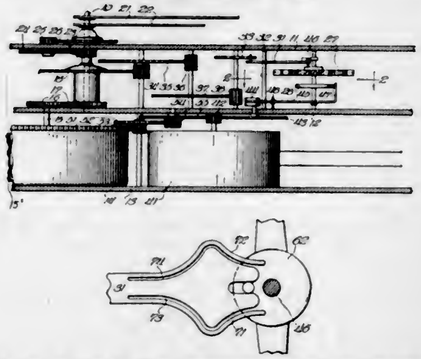
2,124,018
CONVEYER CONTROL
Mikael Vogel-Jorgensen, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y., a corporation of New Jersey
Application August 3, 1936, Serial No. 94,112
In Great Britain August 3, 1935
2 Claims. (Cl. 302—53)

1. In a system for conveying pulverulent material, a tank, first and second control relays, first and second stationary control means secured at upper and lower portions of said tank, respectively, sensitive to the level of material in said tank and connected to said control relays to operate the same upon change of said level, a material-inlet valve actuated in response to said first control relay connected to said first stationary control means, an electrically-operated air-inlet valve actuated to open position in response to the operation of said material-inlet valve so that said material-inlet valve closes before said air-inlet valve opens, electrically-operated locking means associated with each of said valves serving to lock said material-inlet valve closed and said air-inlet valve open, and connections



from said second control relay serving to release said locking means when the level of said material passes said second stationary control means.

2,124,019
ELECTRIC CLOCK
Roscoe H. Wilmeth, Springfield, Ill., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois
Application July 29, 1932, Serial No. 625,883
2 Claims. (Cl. 58—26)



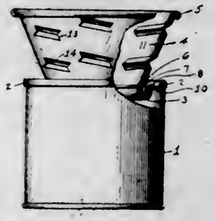
1. In a clock, the combination of an escapement mechanism comprising a pallet fork and a balance wheel, a synchronous electric motor, means actuated by said motor for controlling the oscillations of said balance wheel, and resilient means coacting between said pallet fork and said balance wheel for modifying certain abnormal amplitudes of oscillations of said wheel caused by said motor actuated means.

2,124,020
METAL ALLOY
Roy T. Wirth, East Cleveland, Ohio
No Drawing. Application July 20, 1936, Serial No. 91,621
4 Claims. (Cl. 75—136)

1. A sintered alloy comprising chromium 12.5% to 15.0%, tungsten 75% to 80%, and carbon 6.5% to 7.0%.

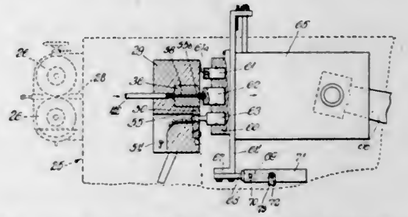
2,124,021
PAINT FUNNEL-SCRAPER
James Lee Akers, Anneslie, Md.
Application August 10, 1936, Serial No. 95,305
3 Claims. (Cl. 220—90)

1. In combination with a conventional paint container having a peripherial groove formed in its top ring for taking and holding a snap-on cover, a paint funnel for mounting in the said groove and extending above the container having an upper widened-mouth portion with converging walls to its lower orifice portion provided with bent-back U-shaped peripherial rim adapted to fit into the said peripherial groove with a radially extending flat-lip flange positioned over the



top ring and close ingress to the groove, the said funnel being disposed with its walls and parts all exterior to the interior of the container, the walls of said funnel being provided with V-shaped scraper embossings angularly placed internally extending therefrom to hold a paint brush up from the orifice portion and to direct scrapings of paint downwardly towards the orifice of the funnel.

2,124,022
HEADING METHOD
Arthur J. Alberts, Chicago, Ill.
Application May 10, 1937, Serial No. 141,641
1 Claim. (Cl. 10—27)

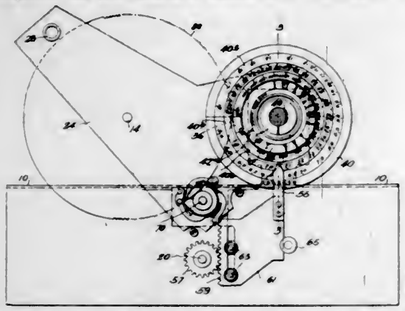


The method of producing headed bolt blanks, which comprises upsetting one end portion of a first blank, by a first operation, forming said upset portion to the size and shape of the desired bolt head, by a second operation, inserting the head of said first blank into a trimming die while simultaneously upsetting one end portion of a second blank, by a third operation, and driving the head of said first blank through the trimming die while simultaneously forming said upset portion of said second blank to the size and shape of the desired bolt head, by a fourth operation.

2,124,023
TUNING INDICATOR AND DIAL
James E. Albright, Collingswood, and Wendell L. Carlson, Haddonfield, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application March 28, 1936, Serial No. 71,384
8 Claims. (Cl. 250—40)

1. The combination with radio apparatus having a frequency indicating device including a scale bearing surface and a frequency indicating pointer relatively rotatable about an axis which is normal to the plane of said surface, of a resonance indicating discharge tube mounted along the said rotational axis with its resonance indicating sur-

face surrounding said axis and arranged to be energized in accordance with the resonant con-



dition of said apparatus at the indicated frequency.

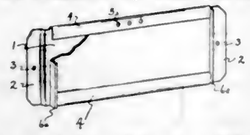
2,124,024
POWER CHISEL APPARATUS
Thomas Turner Alkin, Sydney, New South Wales, Australia
Application January 7, 1937, Serial No. 119,401
In Australia January 22, 1936
3 Claims. (Cl. 32—53)



1. In a power chisel of the character described, the combination of a handle, a plunger rod reciprocally housed in said handle, a rotary hammer at the head of the handle to strike the plunger when the latter is moved into the path of movement of the hammer, a bushing carried by the working end of the handle forming a bearing and an abutment for the plunger rod, a tool holder attachably connected to the end of the rod and slidable over the bushing in an axial direction only, and resilient means interposed between the bushing and tool holder to normally project the tool holder and bring the plunger rod out of engagement by the rotary hammer and to yield under pressure exerted on the tool holder in operation to bring the rod into position to be engaged by said hammer.

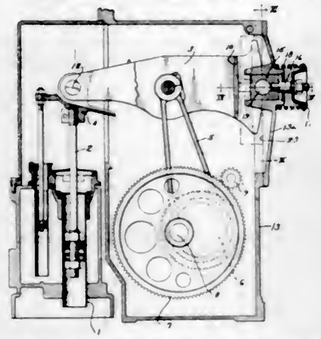
2,124,025
CARD HOLDER
Edmund R. Braun, Elmwood Park, Ill.
Application March 18, 1937, Serial No. 131,649
11 Claims. (Cl. 40—10)

4. In a holder for cards and the like, the combination of a base plate, a pair of off-set shoulders formed integral therewith, said shoulders adapted to be fastened to a rigid mounting, a pair of parallel guide flanges formed integral with said base plate and terminating substantially at said off-set shoulders, an insertable member adapted to be retained by said parallel flanges



on said base and to retain a card therein, a finger-hold at one end of said insertable member and a yieldable catch at the opposite end thereof; said catch adapted to over-extend the guide flanges on said base plate and to releasably retain said insertable member in said base plate.

2,124,026
OPERATING MECHANISM FOR DEEP WELL PUMPS
Arthur W. Burks, Decatur, Ill.
Application July 16, 1937, Serial No. 153,894
4 Claims. (Cl. 74—103)

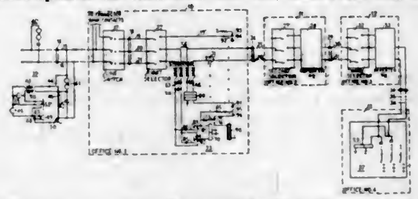


1. In operating mechanism for a reciprocating rod, a walking beam having a pivotal connection at one end with said rod, the other end of said beam having an arcuate surface struck from said pivotal connection as a center, a casing having a bearing surface in contact with said arcuate end and having a horizontally extending guide socket adjacent said bearing surface, a slidable member mounted in said socket, a pivotal connection between said slidable member and arcuate end, yielding means acting upon said slidable member for maintaining said arcuate end against said bearing surface, and means for actuating said walking beam.

2,124,027
SIGNALING SYSTEM
Free Calhoun, Chicago, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application February 17, 1937, Serial No. 126,230
18 Claims. (Cl. 179—16)

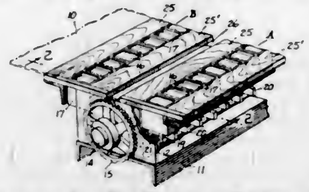
1. In a signaling system comprising a line, impulsing means on said line and a repeater adapted to be connected to said line to repeat electrical impulses received over said line to a second line and wherein the circuit constants of said line, the associated repeater and other apparatus associated with said line are necessarily so related as incidentally to produce false operation of said repeater following the interruption of the circuit of said line during an impulse cycle, the method of operation which includes, delaying

said false operation for a time interval after the interruption of said line circuit, and starting the



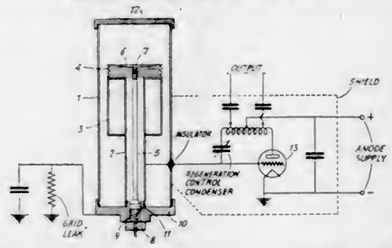
next impulse cycle by completing the circuit of said line before said interval expires.

2,124,028
PROCESS AND APPARATUS FOR THE MANUFACTURE OF PAPER
Edgar Alexander Charlton, New York, N. Y., assignor to International Paper Company, New York, N. Y., a corporation of New York
Application December 17, 1934, Serial No. 757,767
1 Claim. (Cl. 92—45)



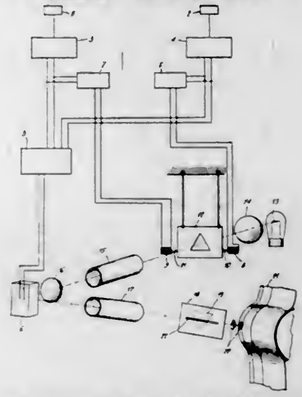
In an apparatus for the manufacture of paper and the like, a paper making screen on which a fibrous stock containing water is deposited and through which water is drained to form a web of fibrous material, a shake device positioned beneath said screen to impart thereto vibrations to distribute said fibres evenly throughout said web and to enhance to felting thereof comprising a base, cylinders supported by said base, plungers mounted for reciprocation in said cylinders, and means to reciprocate said plungers, the upper faces of said plungers at the top of their stroke being below the top of said cylinders, the water draining through said screen and collected in said cylinders serving to transmit the upward thrust of said plungers to the screen.

2,124,029
FREQUENCY CONTROL LINE AND CIRCUIT
James W. Conklin, Rocky Point, and Clarence W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application June 8, 1935, Serial No. 25,572
16 Claims. (Cl. 178—44)



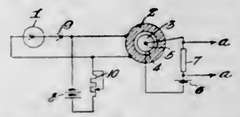
1. A tuned circuit comprising a resonant line having inner and outer conductors, said inner conductor having two sections of different diameters, the smaller diameter section of said inner conductor contributing the main inductive component while the larger diameter section of said inner conductor contributes the main capacitive component of said tuned circuit, and means for maintaining the overall length of said inner conductor substantially constant despite temperature fluctuations.

2,124,030
STEREOPHONOGRAPHIC APPARATUS AND METHOD
William L. Douden, New York, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application December 31, 1934, Serial No. 759,854
9 Claims. (Cl. 179—100.3)



1. Sound reproducing apparatus comprising means for illuminating a photographic soundtrack, a plurality of photocells and a mirror for directing light passing through said soundtrack to said photocells, one edge of the surface of said mirror being substantially completely reflecting for directing said lights to one of said photocells and the other edge of said mirror surface being substantially completely transparent for transmitting said light to another of said photocells.

2,124,031
LIGHT AND ELECTRICAL IMPULSE CONVERSION APPARATUS
Hermann Freese and Hans Müller, Berlin, Germany, assignor to Klangfilm G. m. b. H., Berlin, Germany, a corporation of Germany
Application December 29, 1937, Serial No. 182,370
In Germany April 8, 1937
5 Claims. (Cl. 250—41.5)

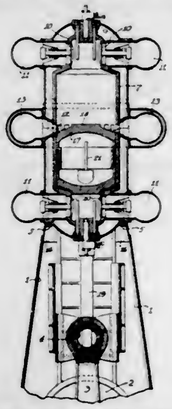


1. The combination of a photoelectric cell of the blocking layer type, an electron discharge device provided with an input coil for magnetically controlling its output, and means for subjecting said coil to the output of said cell.

2,124,032
DOUBLE ACTING ENGINE
Edward Gray, Detroit, Mich., assignor of one-half to Gar Wood, Detroit, Mich.
Application January 21, 1935, Serial No. 2,727
5 Claims. (Cl. 123—61)

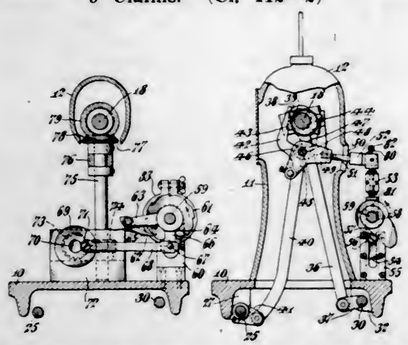
3. In a double acting engine, a cylinder having its end walls formed with axially disposed bulb

type combustion chambers having less cross sectional area than the cylinder, a piston in said cylinder, and piston rods extending through one of the end walls of said cylinder, said rods being connected to the piston at diametrically opposite points and extending through the end wall later-



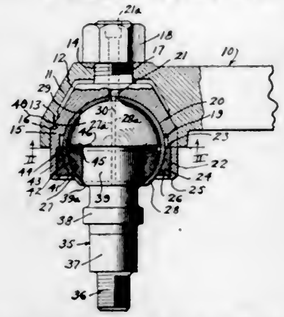
ally spaced from the combustion chamber therein, said chambers having diametrically opposed inlet valves opening directly thereinto, and the diametric disposition of said valves being at substantially right angles to the diametric disposition of said rods.

2,124,033
SEWING MACHINE MECHANISM
John F. Hand, Philadelphia, Pa., assignor to The De Long Hook and Eye Company, a corporation of Pennsylvania
Application April 1, 1936, Serial No. 72,036
5 Claims. (Cl. 112—2)



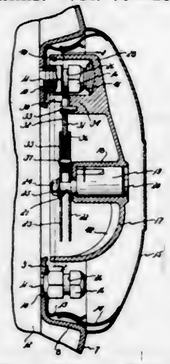
1. In a sewing machine of the type having a bed plate, a standard and bracket arm mounted thereon, a drive shaft mounted in the bracket arm, and a feed link-bar actuated by an eccentric on the drive shaft and fulcrumed upon one end of a link pivoted at its opposite end to one arm of a bell-crank feed adjusting lever pivoted within the standard, the combination of a cam shaft supported on said bed plate parallel to said drive shaft, transmission means between said drive shaft and said cam shaft to rotate said cam shaft intermittently, a cam on said cam shaft, a cam rod actuated in an endwise direction by said cam, and a lever extension rigidly secured at its inner end to said feed adjusting lever and projecting outwardly from said standard with its outer end pivoted to said cam rod to periodically vary the extent of movement of the lower end of said link-bar.

2,124,034
LOAD CARRYING JOINT
George H. Hufferd, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio, a corporation of Ohio
Application February 8, 1937, Serial No. 124,565
8 Claims. (Cl. 287—90)



1. A joint comprising a housing having a bearing wall therein accommodating tilting movements and a chamber below the wall, a stud having an enlarged rounded button end in the housing and a cylindrical shank portion adjacent the button end, a ring member disposed around the cylindrical shank portion having a rounded outer surface of substantially the same contour as the button end of the stud, a pair of spaced opposed hemispherical metal caps encasing the button end of the stud and the ring member, an annular member secured in said chamber of the housing having an inner bearing wall of substantially the same contour as the housing bearing wall, said caps having their inner faces in bearing engagement with said button end and said ring member and their outer faces in bearing engagement with the housing bearing wall and the bearing wall of the annular member and means for urging the ring member and button end apart to insure free rotation of the stud about its own axis within the caps.

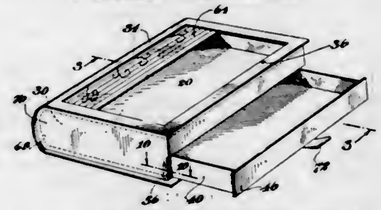
2,124,035
LOCKING DEVICE FOR VEHICLE WHEELS
Edwin P. Hurd, Detroit, Mich.
Application August 5, 1935, Serial No. 34,648
Renewed March 22, 1938
11 Claims. (Cl. 70—169)



1. In combination with a vehicle wheel having an open-faced hub and provided with openings

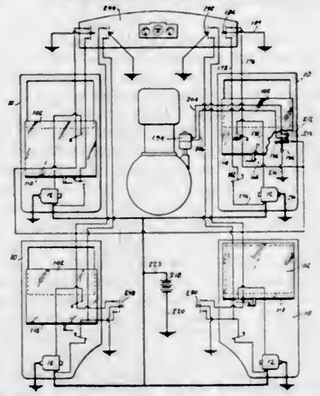
through which a plurality of threaded studs project into said hub: a nut threaded on each of said studs, each of said nuts having its periphery hollowed out; a cup-shaped supporting member for embracing a plurality of said studs and nuts; a plurality of radially moveable locking members projectable into engagement in the hollowed out portions of said nuts for securing said supporting member in position and preventing access to said nuts; and key-operated means carried by said supporting member for moving said locking fingers into said hollowed out portions.

2,124,036
CONTAINER
Adolph Klein, New York, N. Y., assignor to A. Klein & Co. Inc., a corporation of New York
Application October 3, 1936, Serial No. 103,809
7 Claims. (Cl. 229—10)



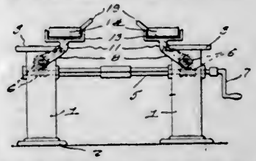
1. A container having two compartments therein, one of said compartments being movable, and the other compartment having a flexible cover, said container being in the form of a book having each end thereof constituted by two similarly contoured but differently dimensioned U-shaped pieces joined in superposed stepped relation so that one of them has its edge portions protruding beyond the other one, except at the side constituting the mouth of the U, and said container having side walls joined to the edge portions of the larger of the end pieces on all sides except the mouth of the U, a traylike compartment fixedly attached to said end pieces, and a movable compartment adapted to slide into the space beneath the fixed compartment and between the side walls, and a flexible cover member having its edge portions adapted to slide within the channels formed by the stepped portions of said end pieces and side walls.

2,124,037
VEHICLE WINDOW CONTROL MECHANISM
Joseph P. Lavigne, Detroit, Mich.
Application January 12, 1931, Serial No. 508,083
7 Claims. (Cl. 180—82)



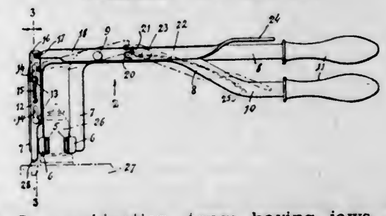
1. In combination with an automotive vehicle body having a plurality of doors, a movable window pane in each door, power means in each door operable to raise and lower the panes, a lock on each door, means for actuating each of said locks interiorly of the body, means associated with one of said locks for actuating it exteriorly of the body, and means associated with said last means for automatically energizing each power means associated with an open pane to close the same.

2,124,038
CASKET SUPPORT
Louis M. Lohberg, Clinton, Iowa, assignor to Undertakers Supply Company, Chicago, Ill.
Application January 21, 1937, Serial No. 121,650
7 Claims. (Cl. 27—26)



4. In a casket support, spaced parallel shafts, arms fixed to each shaft and positioned to extend toward the other shaft when in supporting position, brackets pivoted on said arms and having roller supports extending above the arms when in supporting position, rollers on said supports, means on said brackets and arms limiting the pivotal movement of the brackets inwardly, and means to rotate the shafts in opposite directions in unison.

2,124,039
TONGS FOR REMOVING RADIO TUBES FROM CHASSIS
Douglas Mitchell and Charles Adney Wyeth, New York, N. Y., assignors to American Radio Hardware Co. Inc., New York, N. Y.
Application March 18, 1936, Serial No. 69,482
4 Claims. (Cl. 254—23)

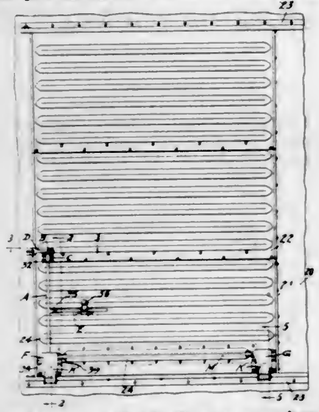


3. In combination, tongs having jaws, arms rising from said jaws so that a radio tube can be accommodated between the arms when the tube is engaged by the jaws, handles extending from said arms substantially at right angles thereto, a slide carried by one of said arms and cooperating levers operable from the proximity of the handles and engaging the slide for actuating the same, substantially as and for the purposes set forth.

2,124,040
DOOR CONSTRUCTION
Roland J. Olander, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application October 13, 1934, Serial No. 748,154
18 Claims. (Cl. 20—22)

1. In a sliding door construction for railway cars, the combination with a door; of a track;

rollers on the door engageable with the track to support the door; mechanism for displacing the rollers with respect to the door to either project the rollers to engage said track and raise the door, or withdraw said rollers from the track and lower the door onto said track; means for either prying said door partly open or forcing the same tightly



closed, said means including a member fixed to the car, an operating member mounted on the door for movement with respect to the door, and a link connecting said members and actuated by said operating member; and a manually operated device for simultaneously actuating said mechanism and means.

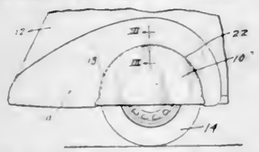
2,124,041

ORNAMENTAL FENDER SHIELD

George W. Schatzman, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan

Application December 21, 1936, Serial No. 116,922

7 Claims. (Cl. 280—153)



1. As an article of manufacture, an ornamental fender shield having a curved edge and a substantially straight edge, said curved edge being bent back on itself to form a recess, a flange element having an edge thereof loosely disposed within said recess, and means disposed adjacent the ends of said flange element for retaining said flange element in said recess, said flange element including means adapted to detachably secure said shield in desired position on a vehicle fender.

2,124,042

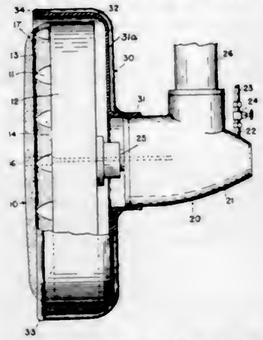
PROTECTING HOOD

William R. Shields, Detroit, Mich., assignor to Hi-Production Wheel Corporation, Detroit, Mich., a corporation of Michigan

Application July 31, 1937, Serial No. 156,788

3 Claims. (Cl. 51—272)

1. In a device of the character described, a handle portion, a rotary body secured to said handle portion, said body having a forward face to be engaged with a surface to be finished, means for supplying liquid to the forward face of said body, a shield having a collar engaging said handle portion and supporting said shield, said shield extending outwardly and forwardly from said collar in spaced relation to said rotary body and



terminating in a forward edge spaced slightly rearwardly of the forward face of said rotary body, the forward face of said rotary body having edges rounded to throw off liquid radially outward within the confines of said shield.

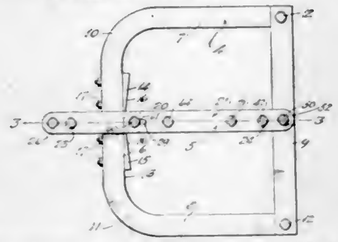
2,124,043

ADJUSTABLE SELF-CENTERING DRAWBAR

Dan Smith, Liberal, Kans.

Original application April 13, 1937, Serial No. 136,683. Divided and this application July 31, 1937, Serial No. 156,787

2 Claims. (Cl. 280—33.44)



1. An automatically centering draw-bar for use with a skeleton hitch element, said element having a forward and a rear part, the rear part being provided with a keeper means and spaced oppositely disposed surfaces inclining in a direction towards said keeper means, said draw-bar including a pair of superposed sections arranged one above and the other below said hitch element, said sections being pivotally connected to said forward part by a means anchored to the latter, a horizontally disposed rearwardly urged spring controlled carrier arranged between and slidably connected to said sections forwardly of and in proximity to the said rear part, a revoluble latching member positioned within and extended from the rear end of the carrier for coaction with said keeper means for latching the draw-bar in centered position on forward draft and for riding against one of said surfaces when the draw-bar is disposed at various angles to said element, said carrier permanently maintaining said member in engagement with said rear part, and a shaft forming means extending through said sections and the rear of the carrier and upon which said member is revolubly mounted, said sections provided with aligned slots lengthwise thereof for the passage of the said shaft forming means.

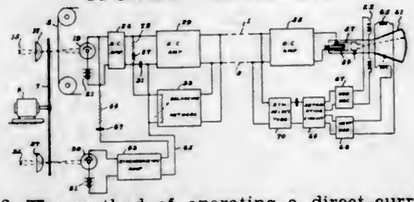
2,124,044

ELECTRICAL APPARATUS

Arthur W. Vance, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware

Application March 31, 1934, Serial No. 718,354

14 Claims. (Cl. 178—7.1)



2. The method of operating a direct-current amplifier for amplifying signal voltages which comprises impressing said signal voltages upon the input circuit of said amplifier periodically, whereby there are intervals of no signal voltage, and applying biasing impulses to said amplifier during and only during said intervals for controlling a bias voltage in said amplifier.

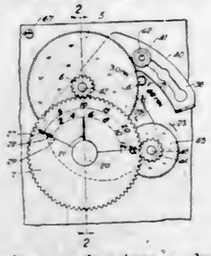
2,124,045

TIMING INSTRUMENT

Emil F. Swensen, Manitowoc, Wis., assignor to Paragon Electric Company, Chicago, Ill.

Application November 21, 1935, Serial No. 50,931

4 Claims. (Cl. 200—38)



2. In a timing mechanism, a driving pinion, a gear driven from said pinion, electric make and break switch mechanism operated from said gear, said gear having calibrations thereon, a first cam operated from said gear and connected to said gear, indicating means carried by said gear and rotatable therewith, a second cam connected to said indicating means, said electric make and break switch mechanism including two switch means cooperating with each other and individually controlled from said first and second cams, said indicating means being adjustable with respect to said gear to adjust the relative setting of said cams by moving one of said cams with respect to the other of said cams, whereby the relative period of open and closed position of said coacting switch means may be varied by the setting of said indicating means.

2,124,046

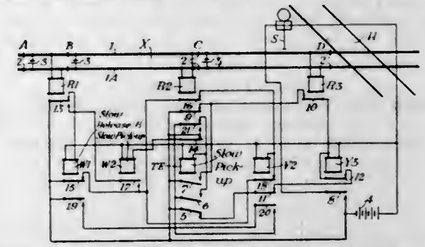
CONTROLLING APPARATUS FOR HIGHWAY CROSSING SIGNALS

Earl M. Allen, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application May 3, 1935, Serial No. 19,696

29 Claims. (Cl. 246—130)

1. In combination, a stretch of railway track intersected by a highway, a highway crossing signal at the intersection of said stretch and said highway, a track circuit included in said stretch and having a track relay, directional means controlled by the track relay for causing said signal to operate when a train occupies said track circuit and is approaching the intersection but for preventing the signal from operating when a train occupies said track circuit and is receding



from the intersection, a train operated device operable by the departure of such receding train from a zone adjacent said track circuit but remote from the intersection, and means rendered effective to cause said signal to operate if said track relay is released when said device is operated.

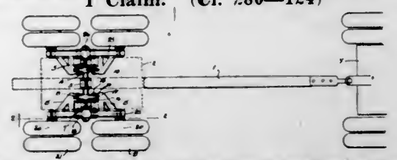
2,124,047

TANDEM WHEEL TRUCK

George S. Allin and Frank V. Bistrom, Seattle, Wash.

Application March 24, 1936, Serial No. 70,635

1 Claim. (Cl. 280—124)



In a vehicle of the character described, a frame, a transverse axle, brackets fixed to the frame at opposite sides thereof and rigidly mounting said transverse axle therein, wheel hangers revolubly mounted on the end of said axle, each hanger having spaced bearing portions revoluble on the axle end at opposite sides of the mounting bracket at that side, and having portions extended forwardly and rearwardly of the axle, wheel mounting knees hingedly attached to said extended portions of the hangers to swing about axes that are spaced from and parallel to the transverse axle, wheel spindles fixed on the outer ends of said knees, and a spring fixed on each hanger and bearing at its ends against the knees at that side of the frame above the axial lines of the wheel spindles, to support the frame.

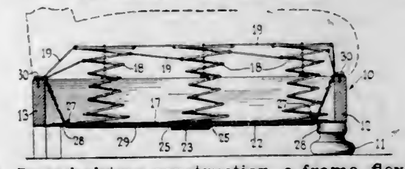
2,124,048

UPHOLSTERY CONSTRUCTION

Albert M. Bank, Jersey City, N. J., assignor to Sylvia Bank, Jersey City, N. J.

Application February 1, 1937, Serial No. 123,395

11 Claims. (Cl. 155—179)



1. In upholstery construction, a frame, flexible webbing connected to the bottom of the frame, a

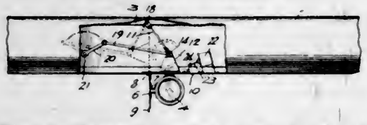
flexible member having the ends thereof secured to opposite sides of the frame at a substantial distance above said webbing, and having an intermediate portion extending beneath an intermediate portion of said webbing, and means, spaced from the frame, adjacent said webbing and coextensive with said intermediate portion of said webbing, serving as a spreader in the bight of said flexible member.

2,124,049
PLANT SUPPORT
Joseph John Battista and James John Di Meglio, South Norwalk, Conn.
Application April 6, 1937, Serial No. 135,341
1 Claim. (Cl. 47—47)



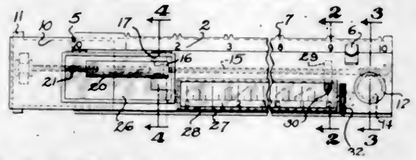
Means for supporting a portion of a plant from a stick comprising a member formed of a single piece of wire, one end of the wire being bent to provide a substantially U-shaped hook for engaging said part of the plant and the other end of the wire being bent to provide a small stick engaging hook, the beak of the small hook extending inwardly to provide a spring clamp, the end of the beak being bent outwardly and then inwardly to provide a loop having a rounded bight for facilitating engagement of the small hook with the stick.

2,124,050
RETRACTABLE LANDING LIGHT
Donald L. Bruner, Coral Gables, Fla.
Application July 24, 1936, Serial No. 92,455
7 Claims. (Cl. 240—7.7)



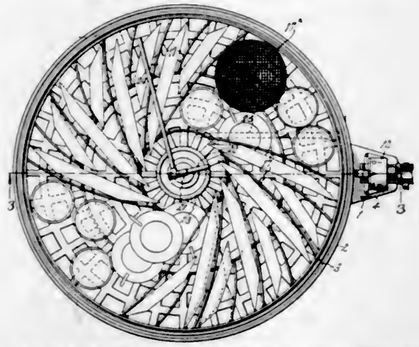
6. The combination with a vehicle of a light-projector mounted on the vehicle to be turned about an axis through a selected angle to and from extended and retracted positions with respect to the vehicle and having its hinge axis and its directed beam substantially in parallelism with the direction of travel of the vehicle, manually operated means for turning the light-projector to a predetermined position between fully extended and fully retracted positions, and self-acting means operating in the predetermined position of the light-projector automatically to accelerate the turning of the light projector in the direction in which initially moved by the said manually operated means.

2,124,051
DRAFTSMAN'S RULE
Lorraine V. Cantrell, Berkeley, Calif.
Application February 24, 1937, Serial No. 127,449
2 Claims. (Cl. 33—107)



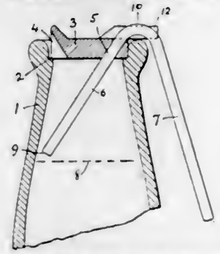
1. A draftsman's rule comprising a frame, a removable and interchangeable scale mounted thereon and abutting a stop on said frame, a vernier extension telescoping into one end of said frame and having an index point thereon lining up with said scale, an enlarged scale mounted on said frame, a rotatable screw having a pointer actuated by rotation of said screw and moving along said enlarged scale, and means for extending said vernier extension by rotation of said screw by an amount reduced in distance but in proportion to the divisions of said enlarged scale.

2,124,052
METHOD AND APPARATUS FOR WASHING DISHES
John L. Clough, Cincinnati, Ohio
Application July 12, 1935, Serial No. 31,089
3 Claims. (Cl. 141—9)



1. In a dish washing machine, a container having a drain outlet at its base, a dish holding basket rotatable within the container and from which the water used in cleansing the dishes packed therein is freely dispelled into the container, said basket having means for sustaining plates, saucers and the like in a vertical spaced position obtusely to a radial line extending therethrough from the axis of the basket, a plurality of sprayer tubes for directing sprays of water in relatively different directions against the dishes, one of said sprayer tubes extending in a horizontal position in a radial line with the axis of the basket for dischaging the water from the line of jets therein vertically, and a second sprayer tube vertically within the basket adjacent its axis for discharging water from a line of jets therein parallel with the axis of the basket and in a direction outwardly centrally from the basket for administering a flushing supply of water against the vertically positioned plates, which, upon striking the plates, continues outwardly across the plate surfaces under the impetus of centrifugal force induced by the rotative translation of the plates, for an interval in each cycle of rotation of the basket, allowing the dishes to redrain before reflushing.

2,124,053
CREAM REMOVER
Ray G. Coates, Pasadena, Calif.
Application April 12, 1937, Serial No. 136,252
2 Claims. (Cl. 137—20)



1. A cream remover for milk bottles consisting of a stopper made of a resilient material adapted to make a fluid-tight joint with the top of said bottle—a vent from the under to the upper side of said stopper near one side of said stopper—the short arm of a siphon passing through said stopper at the opposite side from said vent, the intake of said siphon being on the same side of said bottle as said vent—horns, integral with said stopper, on each side of said siphon, said horns adapted to embrace both arms of said siphon below the crest of said siphon, whereby a plane containing the axis of said bottle also contains the said vent and the arms of said siphon when said stopper is seated on said bottle—and the long arm of said siphon reaching below the level of the intake of said siphon.

2,124,054
TAG HOLDER
Louis R. Corson, Los Angeles, Calif.
Application May 22, 1937 Serial No. 144,282
2 Claims. (Cl. 40—11)

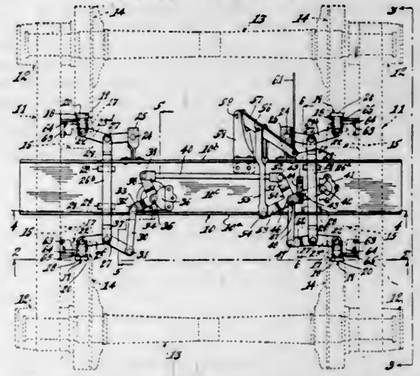


1. A tag holder comprising a metallic strip, a resilient clip, a tubular rivet connecting one end portion of the clip to one end portion of said strip, an angularly extending arm journalled on one end portion of said tubular rivet, and outturned prongs on the free end of said arm.

2,124,055
ABRASIVE ARTICLE
Robert P. Courtney, Maplewood, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application May 18, 1934, Serial No. 726,366
14 Claims. (Cl. 51—278)

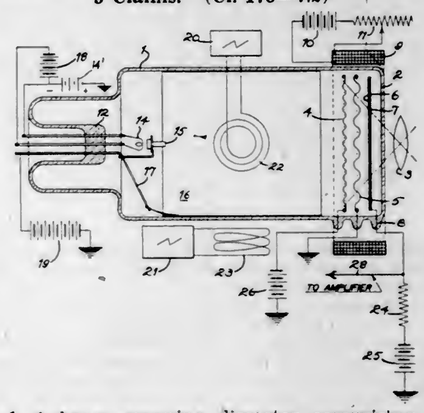
1. A method of making abrasive articles which comprises coating a fibrous base with an emulsion of a penetrative varnish composition in a volatile non-solvent liquid, applying abrasive particles to the varnish film thereby produced, and hardening the varnish film.

2,124,056
BRAKE ACTUATING AND EQUALIZING MECHANISM
Hobart P. Doud and Lloyd H. Clary, Decatur, Ill.
Application December 11, 1936, Serial No. 115,338
9 Claims. (Cl. 188—53)



1. In brake actuating and equalizing mechanism as described for railway cars having a truck spring plank and a plurality of brakes adapted to be actuated in pairs, the combination of brake equalizing and actuating means comprising a pivot bracket rigidly secured to said plank, an arm pivoted at one end to said bracket and having a fulcrum pivot at the opposite end thereof, brake mechanism for a first pair of brakes having an actuating rod, a primary brake actuating link, a lever connected at its ends to said brake rod and said link and pivotally connected intermediate its ends to said fulcrum pivot, brake mechanism for a second pair of brakes having an actuating rod pivotally connected to said fulcrum pivot and a stop for said arm and said lever.

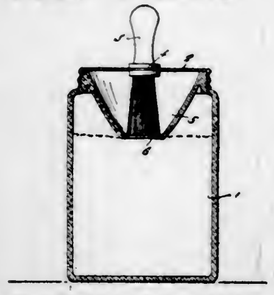
2,124,057
BEAM SCANNING DISSECTOR
Philo T. Farnsworth, San Francisco, Calif., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application November 2, 1936, Serial No. 108,724
5 Claims. (Cl. 178—7.2)



1. A beam scanning dissector comprising an

envelope containing a planar apertured photoelectric member, a thin transparent screen of insulating material positioned parallel to said member on one side thereof, a thin translucent and conducting coating on the face of said screen away from said member, means for projecting an optical image through said coating and screen onto said member to cause electronic emission therefrom, means for directing said electrons against the uncoated face of said member to form a charge image thereon, a cathode and anode cooperating to project an electron beam of elementary cross-section through said member to impact the uncoated face of said screen carrying said charge image, said beam containing electrons of sufficient velocity to create secondary electrons upon impact with said screen whereby said charge image is neutralized, and means connected to said coating for utilizing changes in the charge on said uncoated face.

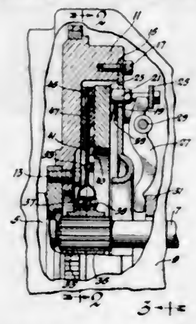
2,124,058
BRUSH EQUIPPED RECEPTACLE
James Gannon, Far Rockaway, N. Y.
Application July 16, 1937, Serial No. 154,087
1 Claim. (Cl. 91—67.2)



A combination liquid container and brush holder device adapted to be inverted to moisten the brush and comprising a jar having a body portion designed to be partially filled with liquid to a maximum level, an exteriorly threaded neck on said body portion, a flanged closure cap threaded on said neck, a cup-like downwardly tapering brush guard integral with said neck and extending inwardly therefrom into the top of said body portion and having an open bottom establishing said maximum level, a brush having a handle fixed in said cap to extend outwardly therefrom for unscrewing the cap and removing the brush, and a bristle assembly on said handle extending inwardly into the guard and terminating at its free end close to the opening in said bottom in partially closing relation to said opening, whereby when the device is inverted said guard and end of the brush coact to limit the quantity of liquid contacting said assembly and tend to prevent said liquid from moistening the sides of said assembly.

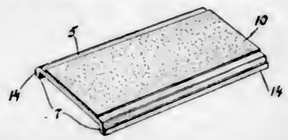
2,124,059
CLUTCH DISK
Harvey D. Geyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 28, 1937, Serial No. 145,388
1 Claim. (Cl. 192—52)

In a clutch, spaced driving members, a driven shaft, spaced hubs having splined connection with said driven shaft, said splined connection affording limited relative rotation between said hubs, driven clutch plates riveted to said hubs and facings on the remote faces of said driven plates, one to engage one of the driving members and the other to engage the other driving member,



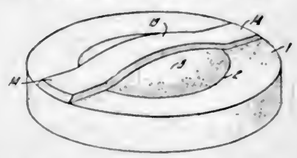
together with means connecting said driven plates to provide for limited relative movements therebetween and to prevent axial separation thereof.

2,124,060
METHOD OF MAKING BRONZE FACED BEARINGS
Norman H. Gilman, Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application May 22, 1935, Serial No. 22,712. Divided and this application June 24, 1936, Serial No. 86,934
3 Claims. (Cl. 29—149.5)



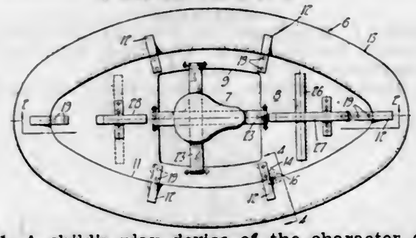
1. The method of making a bearing which consists in fusing or welding a plastic bronze bearing layer to a flat supporting bearing strip; removing substantially the entire thickness of portions of said bearing layer along the sides of said bearing strip; bending the sides of said bearing strip along the zones where said bearing layer has been removed at right angles to the body of said strip to form a channel-shaped member; and bending said channel-shaped member into semi-cylindrical form.

2,124,061
BATH SPONGE
William J. Gould, Johnstown, N. Y.
Application May 8, 1936, Serial No. 78,687
5 Claims. (Cl. 15—118)



1. A device of the character described comprising a body of sponge rubber having a centrally disposed depression in one side thereof, and a piece of sheepskin, with the wool thereon, adhesively secured in said depression with the wool side of said skin exposed.

2,124,062
CHILD'S PLAY RAFT
George A. Grant and Wells F. Le Moine, Oakland, Calif.
Application April 19, 1937, Serial No. 137,752
3 Claims. (Cl. 9—11)



1. A child's play device of the character described comprising, an elongated buoyant frame provided with an open center portion and having a buoyancy sufficient to prevent submergence of the device when occupied by a child, an inflatable rubber air tube carried by said frame and engaging therewith completely around the periphery thereof, a seat carried by said frame and suspended below said open portion, and a hand grip carried by said frame forwardly of and above said open portion.

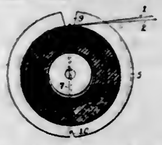
2,124,063
RIBBON PACK
William Harris, Jr., Paterson, N. J.
Application March 17, 1936, Serial No. 69,257
4 Claims. (Cl. 206—54)



1. The hereindescribed ribbon pack comprising, with helical windings of ribbon and a sleeve axially related to and embraced by and non-rotative with respect to the innermost windings, a core to be held by the operator's hand against rotation and including a barrel extending through the sleeve and on which the latter is free to rotate and a flange flanking and of a diameter not substantially less than that of the windings, said barrel having an opening extending therethrough lengthwise of its axis and said flange having a peripheral notch exposing laterally the outer windings, and an elastic band extending through said opening and around the body formed by the windings, sleeve and core radially thereof and occupying the notch and having its ends directly secured to each other, said band constricting said body in the radial plane in which the band lies.

2,124,064
RIBBON PACK
William Harris, Jr., Paterson, N. J.
Application March 17, 1936, Serial No. 69,258
Renewed May 21, 1938
1 Claim. (Cl. 206—53)

The combination, with a helically wound mass of ribbon having an axial bore and a core to be held in the operator's hand against rotation and including a barrel extending through the bore and on which said mass is free to rotate and flanges flanking said mass at both sides thereof, of an elastic band constrictively embracing the body formed by said mass and core in crossing relation to the ribbon windings and existing throughout its own extent exterior of said mass, said flanges having peripheral substantially opposed notches exposing laterally the windings of



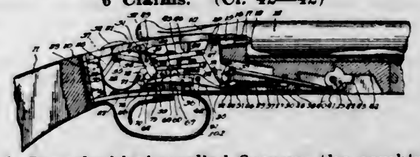
said mass for an extent greater than one-half of its radial thickness and in a radius remote from that of said notches other peripheral substantially opposed notches extending short of the periphery of the mass, and said band being received in the several notches.

2,124,065
APPLICATOR
William Heidbrock, New Brunswick, N. J., assignor to Zonite Products Corporation, New York, N. Y., a corporation of Delaware
Application January 7, 1937, Serial No. 119,426
2 Claims. (Cl. 128—239)



1. An applicator of the type described comprising a tubular housing open at both ends and of reduced internal diameter at one end, a cap securable to the other end, said cap having a passage therethrough, an air pressure bulb secured to the cap, a tubular cartridge having a reduced diameter at one end to fit snugly in the reduced end of the housing, and a bead at the other end, a resilient washer surrounding said cartridge and lying against said bead, a second resilient washer within said cap and adapted to bear against the outer edge of said bead when said cap is secured to said housing, whereby said bead is gripped between said resilient washers, and an air piston slidably mounted in the cartridge and adapted to be moved from the cap end toward the restricted end by air pressure created by the bulb.

2,124,066
GUN MECHANISM
Harry W. Hester, Chenoa, Ill., assignor, by mesne assignments, to Savage Arms Corporation, a corporation of Delaware
Application November 25, 1932, Serial No. 644,218
6 Claims. (Cl. 42—42)



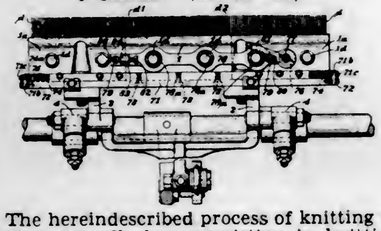
1. In a double-barrelled firearm, the combination with a single trigger, of a separate firing mechanism for each barrel including a hammer and a cooperating sear, means carried by the trigger in constant operative relation to one sear for the operation thereof and independent means controlled in its operation by the hammer of said one sear for forming communication between the sear of the other firing mechanism and the sear operating means carried by the trigger.

2,124,067

NEEDLE BAR ASSEMBLY FOR KNITTING MACHINES AND PROCESS OF KNITTING THEREON

Kenneth Howie, Norristown, Pa., assignor to Wildman Mfg. Co., Norristown, Pa., a corporation of Pennsylvania

Application December 14, 1935, Serial No. 54,470
Renewed January 5, 1938
9 Claims. (Cl. 66—82)



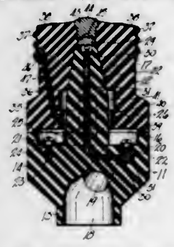
8. The hereindescribed process of knitting with a sectional needle bar, consisting in knitting a portion of the fabric with the sections closed, to provide equal spacing between the needles throughout the needle row, then separating the sections so that the spaces between the needles at the adjacent ends of the sections will be enlarged, and then knitting to thereby make wales of enlarged sinker loops, substantially as described.

2,124,068

SEPARABLE ELECTRICAL CONNECTER

Steven Hugyik, South Bend, Ind., assignor of one-half to Joseph Grunwald, South Bend, Ind.

Application October 12, 1935, Serial No. 44,651
1 Claim. (Cl. 173—343)



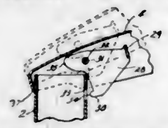
A separable connecter comprising a socket member, a plug member, said plug member having an axially disposed tapered extension disposed in a tapered bore in the socket member and adapted to be centered by said bore, a contact carried by the outer end of the tapered extension member, a contact carried by the socket member at its inner end and adapted to engage the extension contact, a counter-bore within the socket and surrounding the plug extension in spaced relation thereto, a conductor ring within the counter-bore surrounding the extension in spaced relation thereto, a threaded sleeve carried by the socket member and in circuit with the ring, a conductor member arching one side of the plug extension within a chamber, said conductor member having spring arms, other spring arms extending from the first mentioned spring arms at opposite sides of the plug extension and extending towards the end thereof, lugs carried by said last named arms and adapted to spring over the conductor ring when the plug sections are assembled and hold the same against axial displacement, a conductor member extending through the plug extension from the contact thereof to the chamber of the plug section, the opposite sides of the plug extension being flattened, thereby allowing a wide range of movement of the second mentioned spring arms.

2,124,069

WRINGER

Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania

Application October 16, 1935, Serial No. 45,279
7 Claims. (Cl. 68—32)



1. In a wringer, the combination of a frame comprising side stiles, one of the stiles having a locking shoulder; a top bar mounted on the stiles; wringer rolls mounted in the stiles; pressure means for the rolls exerting counter-pressure on the top bar; and devices detachably locking the top bar on one of the stiles comprising a latch pivotally mounted on the top bar and interlocking with said shoulder, said latch swinging relatively to the top bar to pass the shoulder as the top bar is placed on the stile and disengaged from the shoulder by the up-swinging of the opposite end of the top bar.

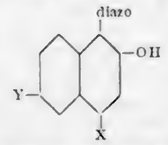
2,124,070

2-NAPHTHOLSULPHONIC ACIDS AND THEIR MANUFACTURE

Adolf Krebser, Riehen, near Basel, and Franco Vannotti, Basel, Switzerland, assignors to the firm J. R. Geigy S. A., Basel, Switzerland

No Drawing. Application August 26, 1937, Serial No. 161,158. In Switzerland September 11, 1936
16 Claims. (Cl. 260—155)

1. A process for the manufacture of 2-naphtholsulphonic acids, consisting in heating 1-diazo-2-hydroxynaphthalene-sulphonic acid of the formula



wherein X represents a member of the group consisting of H and SO_3H and Y represents a member of the group consisting of H, SO_3H, NO_2, Br and Cl, at least one of X and Y being a SO_3H-group, in the presence of water with a soluble sulphite to exchange the diazo-group for the sulphonic acid group and eliminating the thus introduced SO_3H-group in position 1 by heating in aqueous solution.

2,124,071

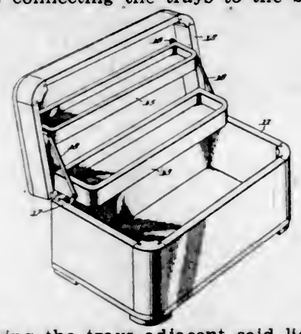
CHEST

Grady A. Loftin, Altavista, Va., assignor to The Lane Company, Inc., Altavista, Va., a corporation of Virginia

Application June 10, 1936, Serial No. 84,531
5 Claims. (Cl. 206—10)

1. A chest comprising a body, a lid pivotally connected thereto, a plurality of trays pivotally connected directly to the lid along parallel pivotal lines spaced from each other and substantially

parallel to the pivotal axis of the lid and link members connecting the trays to the body and



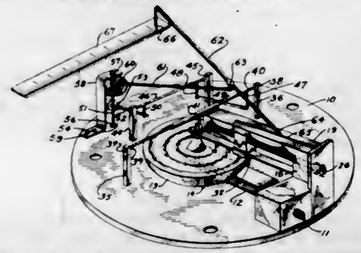
maintaining the trays adjacent said lid and in substantially level horizontal position in all positions of the lid.

2,124,072

INDICATING INSTRUMENT

George P. Luckey, Lancaster, Pa., and Arnold Soller, Michigan City, Ind.

Application March 25, 1930, Serial No. 438,889
6 Claims. (Cl. 73—110)



4. An adjustable range pressure indicating instrument for indicating a predetermined depth of liquid in a container comprising a casing, a supporting member within said casing, a pressure actuated expansible member carried by said supporting member, an indicator having an operating mechanism connected therewith, a scale of given calibration over which the indicator operates, an elongated flat spring secured at its one end to said supporting member and having its free end interposed between and in direct contact with said indicator mechanism and said pressure actuated member adapted to resist the expansion of said pressure actuated member, means for adjusting said spring to the desired effective length to obtain equivalent readings of said indicator over said scale corresponding to predetermined static heads of liquid pressure, and means to compensate for movement of said pressure actuated member resulting from expansion or contraction due to temperature changes, said means comprising a manually operated device cooperating with said expansible member and its support to bodily shift said expansible member relative to said operating member and correct the reading of said indicator.

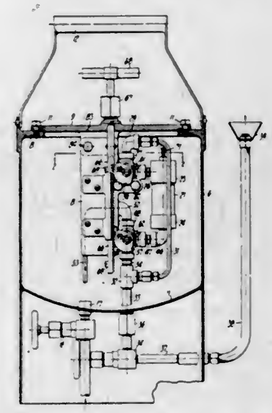
2,124,073

DISPENSING APPARATUS

Neil A. Maclean and Hugh John Maclean, San Francisco, Calif.

Application September 7, 1937, Serial No. 162,677
3 Claims. (Cl. 221—102)

1. A liquid dispenser comprising a container normally having a liquid space and a gas space and under a pressure in excess of atmospheric, a cylinder, a movable piston therein, a first conduit extending from one cylinder end, a discharge pipe extending to a point distant from the container, a second conduit extending to said gas space, a third conduit extending from the other cylinder end, a fourth conduit extending to said liquid space, a first valve including an element movable selectively between a first position in



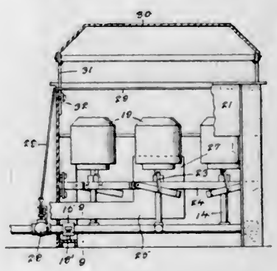
which said first conduit is connected to said discharge pipe and to said second conduit and a second position in which said first conduit is connected to only said discharge pipe, and a second valve including an element movable selectively between a first position in which said third conduit is connected to said discharge pipe and a second position in which said third conduit is connected to said fourth conduit.

2,124,074

HEATING DEVICE FOR TOBACCO BARNS

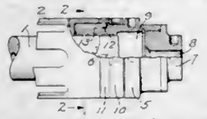
Reubin E. Mayo, Snow Hill, N. C.

Application October 7, 1936, Serial No. 104,540
3 Claims. (Cl. 34—19)



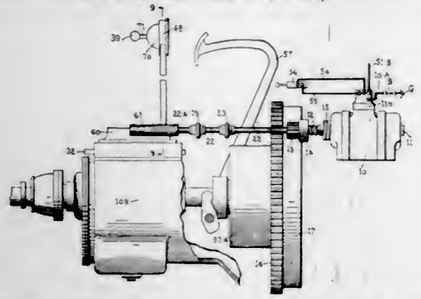
1. A heating system for tobacco barns comprising a housing open at its upper end, a plurality of burners grouped within the housing, a fuel supply pipe extending into the housing and located below the burners, means connecting said burners to the fuel supply pipe, and an air conduit extending into the housing and arranged above and adjacent to the fuel supply pipe and having the discharge end thereof arranged between the burners and below the upper ends of the latter.

2,124,075
MUZZLE ATTACHMENT FOR MACHINE GUNS
Frederick T. Moore, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Original application November 18, 1935, Serial No. 50,387. Divided and this application April 5, 1937, Serial No. 135,003
6 Claims. (Cl. 89—14)



1. In a machine gun, the combination of a longitudinally reciprocable barrel, a barrel jacket surrounding the barrel and a barrel guiding bearing carried by the jacket near the front end thereof, the said jacket and bearing having interrupted threads permitting the latter to be readily engaged with or disengaged from the former, a lock nut carried by the bearing and having threaded engagement with the thread thereof, a lock ring longitudinally movable relatively to the bearing but held against rotation relatively thereto, the said lock ring being positioned to be pressed by the lock nut against the end of the jacket when the bearing and jacket are in normal relationship, and interengaging means on the jacket and lock ring for preventing the latter from rotation relative to the former.

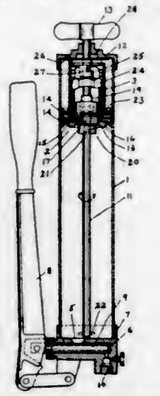
2,124,076
COMBINED STARTING, SYNCHRONIZING, AND SHIFTING SYSTEM
Howard J. Murray, New York, N. Y.
Application January 19, 1937, Serial No. 121,270
24 Claims. (Cl. 290—28)



1. In a device of the class described, the combination with a reversible power member, a gear rod shifting mechanism and a driven device, said mechanism including a pair of cammed discs for selectively shifting said rod in two directions, and means for selectively coupling the power member with the shifting mechanism to rotate the discs or the driven device as an automatic effect of the reversal of the said member.

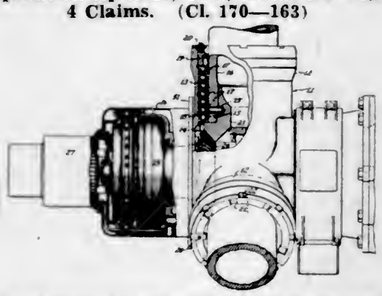
2,124,077
GREASE GUN
William L. Ostendorf, Tiltonsville, Ohio
Application August 27, 1936, Serial No. 98,142
2 Claims. (Cl. 221—47.3)

1. In a grease gun of the disappearing handle type including a barrel adapted to receive a charge of lubricant, a plunger rod reciprocable in said barrel, a plunger adapted to slide on said rod in said barrel, a relatively small cylinder, a passage from said barrel to said cylinder, a spring cooperating with said plunger in feeding lubricant from said barrel, through said passage, and into said cylinder, an outlet from said cylinder, and means for ejecting lubricant under high pressure through said outlet, the combination of a bayonet joint for uniting said plunger rod with



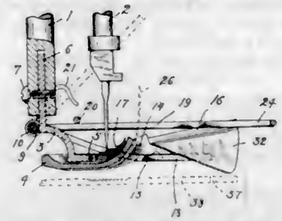
said plunger, two members relatively movable on the axis of said barrel, said spring being compressed between said members, said members severally including latch elements adapted to be interengaged for locking said member together with said spring compressed between, whereby, during the loading of the gun, said united plunger and plunger rod may be shifted in opposite directions without spring resistance.

2,124,078
CONTROLLABLE PITCH PROPELLER
Richard E. Palmer and Charles S. J. MacNeil, Jr., Kenmore, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application April 14, 1936, Serial No. 74,276
4 Claims. (Cl. 170—163)



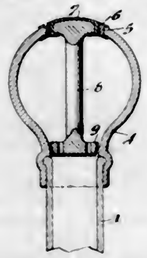
1. In a controllable pitch propeller comprising a hub, blades rotatably mounted in the hub for pitch change, an electrically energized power unit consisting of a motor and a speed reducer, said unit being detachably mounted in coaxial relation with the propeller hub, conductors for the motor carried within the power unit and having terminals substantially at the mounting plane of the power unit, cooperating terminals carried by the propeller hub adapted to match with the respective power unit terminals when the power unit is in assembled relation on the hub, and blade pitch limiting switch means operated by the power unit for moving said terminals into and out of contact with each other.

2,124,079
METHOD AND MEANS FOR APPLYING SLIDE FASTENERS TO ARTICLES
Burleigh B. Peterson, Duluth, Minn., assignor to Talon, Inc., a corporation of Pennsylvania
Application February 8, 1933, Serial No. 655,806
10 Claims. (Cl. 112—151)



3. The process of simultaneously attaching both teeth-strip members of a separable slide fastener to the contiguous edges of the material to be held by the fastener which consists of juxtaposing the edges of the material to be held by the fastener, interengaging the complementary toothed portions of the fastener, thruout the entire length of the teeth-strips, superposing the interengaged fastener teeth-strips upon the juxtaposed edges of the material to be held and so positioning them that the central line of contact of the interengaged teeth of the fastener is approximately in registration with the juxtaposed edges of the material to be held, and simultaneously uniting each strip of the interengaged teeth-strips of the fastener beyond the teeth parts of the strip to its respective edge of the juxtaposed edges of the material to be held.

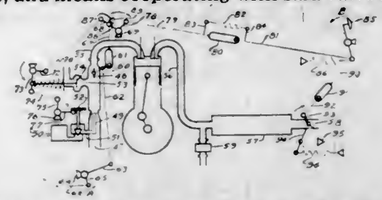
2,124,080
SYRINGE HYDROMETER
Peter Peterson, New Lisbon, Wis., assignor to E. Edelmann & Co., Chicago, Ill., a corporation of Illinois
Application May 9, 1936, Serial No. 78,919
7 Claims. (Cl. 265—45)



1. A syringe hydrometer comprising, a barrel, a suction bulb mounted at one end of said barrel, said suction bulb having an opening therethrough substantially in axial alignment with the barrel to give access to said barrel for cleaning the same, and means to close said opening.

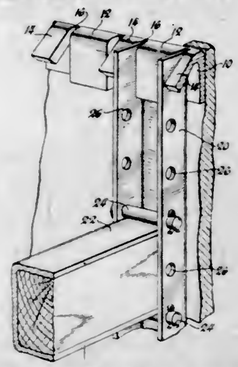
2,124,081
ENGINE BRAKE
John T. Rauen and Carl F. Rauen, Grosse Pointe, Mich.
Application October 9, 1931, Serial No. 567,964
Renewed August 4, 1936
37 Claims. (Cl. 123—97)

1. In combination with an induction system of an internal combustion engine adapted to be converted into a fluid compression brake, said induction system having a fuel port, an air port, of two-way valve means for establishing communication of said air port and fuel port, means for actuating said valve to regulate the fuel supply to said induction system through said fuel port, and means cooperating with said valve regu-



lating means whereby said valve means may be actuated from any degree of open position thereof for admission of fuel to said induction system, to fully closed position thereof and fully open position for the admission of atmosphere and whereby when said manually operated means is actuated, actuation of said valve regulating means is restricted.

2,124,082
FREIGHT CAR LOADING APPARATUS
George M. Reifer, Rochester, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 25, 1937, Serial No. 132,932
11 Claims. (Cl. 105—369)

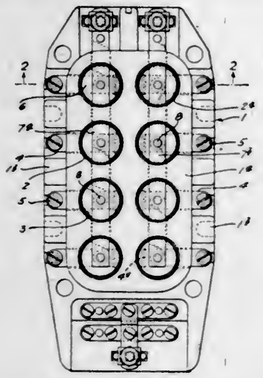


1. Adjustable load bracing means for freight cars and the like comprising a strip secured to a car wall and extending longitudinally thereof, said strip being provided with outwardly extending abutments and with downturned tongues alternating with the abutments and spaced therefrom, a stanchion having one end adapted to be telescoped over any of said tongues, portions of said end being adapted to engage adjacent abutments to resist displacement, and means for securing the other end of the stanchions in position.

2,124,083
FUSE PANEL
Albert B. Rypinski, Laurelton, N. Y., assignor to Metropolitan Device Corporation, a corporation of New York
Application July 22, 1937, Serial No. 155,044
3 Claims. (Cl. 175—369)

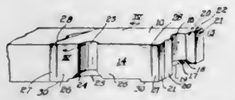
2. In a fuse panel of the type described, the combination comprising a block of insulating material, a series of aligned fuse shells mounted on the block of insulating material, a bus ex-

tending through the several fuse shells and electrically insulated therefrom, a connector bus for



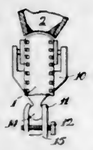
each fuse shell and a rivet extending through each fuse shell, the bus, the corresponding connector bus and the insulating block.

2,124,084
BUILDING BLOCK AND STRUCTURE FORMED THEREFROM
Christian F. Sauereisen, Aspinwall, Pa.
Application February 26, 1937, Serial No. 127,855
8 Claims. (Cl. 72—37)



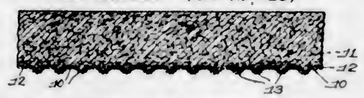
1. A parallelepipedal brick having its bottom, one end and one side surface provided with communicating recesses, the recesses in the side and end surfaces including an intermediate flute and the brick surface adjacent the flutes being disposed on a gradual inclination which slopes toward said flutes.

2,124,085
CONTINUOUS FILM TREATING DEVICE
Georg Schubert, Berlin, Germany, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany
Application August 31, 1934, Serial No. 742,259
In Germany August 31, 1933
2 Claims. (Cl. 91—10)



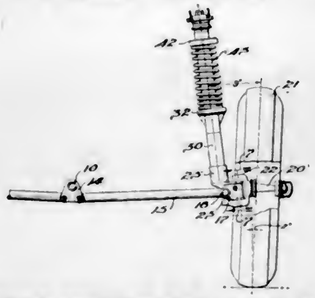
1. A continuous film treating device, comprising a continuous transparent film band, a caster and an opposed roller, said band passing therebetween, said caster being concave to fit said roller, and being slightly concave axially of said roller, means for adjusting the separation between said roller and caster, an airtight reservoir connected with said caster, so constructed and arranged as to maintain an emulsion stored within said reservoir always at uniform height in said caster, and means for drawing said film past said caster at a predetermined rate, whereby emulsion coating of desired thickness is deposited thereon.

2,124,086
SOUND ABSORBING CONSTRUCTION
Kemper Slidell, Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application December 21, 1935, Serial No. 55,657
10 Claims. (Cl. 72—18)



1. A sound-absorbing construction comprising a body of sound-absorbing material, additional material incorporated in a face only of said sound-absorbing material to form a more dense layer integral therewith and having a substantially smaller sound-absorbing value, the surface of said dense layer having distributed therein small areas of the more porous sound-absorbing body material, continuous with the main body thereof.

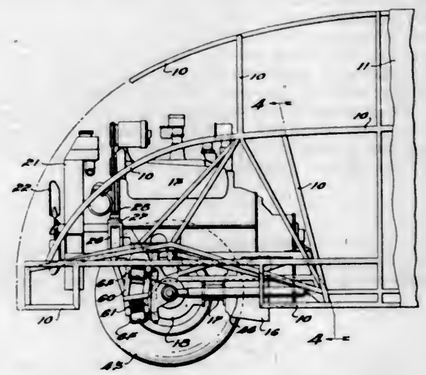
2,124,087
SHOCK STRUT
Frank M. Smith, Dearborn, Mich., assignor, by mesne assignments, to Stout Motor Car Corporation, Dearborn, Mich., a corporation of Delaware
Application November 18, 1935, Serial No. 50,302
8 Claims. (Cl. 267—20)



1. A shock strut comprising a pair of tubular members adapted to be arranged in telescoping relation, rollers carried by one of said members adapted to engage the surface of the other of said members to provide for friction-free relative longitudinal movement of said members, one of said rollers being arranged on an axis at right angles to another of said rollers, said rollers being of a diameter slightly less than the diameter of the member which they are adapted to engage.

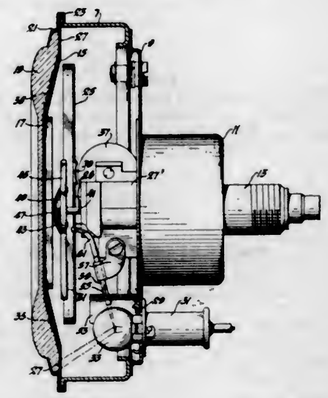
2,124,088
ENGINE MOUNTING
William B. Stout, Detroit, Mich., assignor, by mesne assignments, to Stout Motor Car Corporation, Dearborn, Mich., a corporation of Delaware
Application February 3, 1936, Serial No. 62,058
5 Claims. (Cl. 180—54)

1. In a wheel mounting, a body frame, an axle, a radius rod pivoted to said frame and connected to said axle and limiting movement thereof within an arcuate path, a pair of superimposed transversely disposed leaf springs interconnecting said frame and axle, one of said springs being disposed above said axle and the other below, the



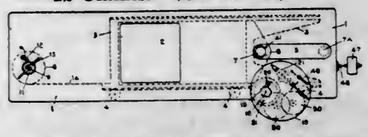
leaves of said springs lying in planes passing through the pivotal axis of said radius rods.

2,124,089
ILLUMINATED SPEEDOMETER
Henry C. Stuerzl, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 26, 1937, Serial No. 160,969
3 Claims. (Cl. 240—2.1)



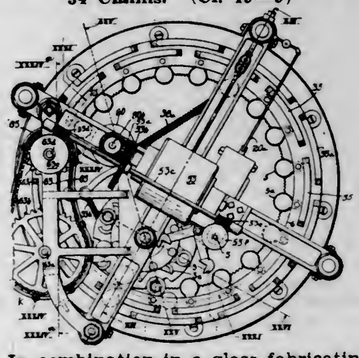
1. An indicating instrument having a housing, a source of light therein, a transparent disc covering said housing, said transparent disc having markings, means for transmitting light from said source through said glass to be reflected from said markings, opaque plates at the rear of said transparent disc, a rotatable member between said opaque plates, said rotatable member having a first painted region, and a second painted region spaced from the first region whereby light received by the first region is transmitted by internal reflection to the second region and reflected therefrom to an observer, and a bar of transparent material within said housing associated with said source and adapted to transmit light by internal reflection from said source to said first mentioned region.

2,124,090
LANTERN SLIDE DISSOLVING VIEW PROJECTOR
Arthur William Tournay-Hinde, Sydney, New South Wales, Australia, assignor to Animated Slides Limited, Canberra, Australia, a company of Australia
Application November 3, 1936, Serial No. 109,051
In Australia December 17, 1935
12 Claims. (Cl. 88—26)



1. A device of the character described comprising a frame, a transparent screen element having opaque parallel lines formed thereon, a transparent lantern slide having pictures formed thereon in opaque parallel lines adapted to register with the parallel lines of said screen, a motor driven carrier device supported on said frame for holding said opaque lined screen for movement transversely of said lines of said screen, a cellular movable slide holder supported by said frame for holding said transparent lantern slides with their opaque lines in parallel relationship with the opaque lines of said screen, means including a motor for automatically moving said screen relative to said slide whereby movement in the picture projected from said screen and slide is produced, and means carried by said slide holder adapted to engage said screen carrier when said slide holder is shifted in a direction opposite to that which the motor imparts to the screen holder for displacing said screen holder in said opposite direction.

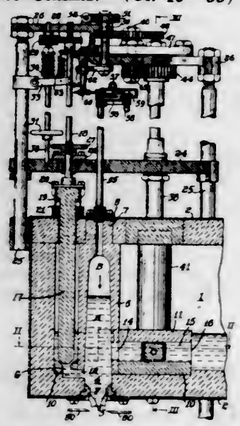
2,124,091
APPARATUS FOR THE FABRICATION OF GLASS ARTICLES
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application January 18, 1935, Serial No. 2,361
34 Claims. (Cl. 49—9)



11. In combination in a glass fabricating machine, a rotatable table, a plurality of molds carried thereby, each comprising a pair of hinged neck ring sections and a pair of hinged body sections, an annular table surrounding said first mentioned table, a plurality of blow molds carried by said annular table and each comprising a pair of hinged sections, means for rotating both tables, said molds and tables being so located that a portion of the path of travel defined by the centers of the closed neck ring sections is

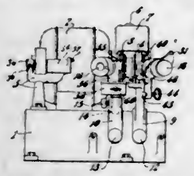
substantially coincident with a portion of the path of travel defined by the centers of the closed blow molds, means for opening the body sections of the molds carried by the first mentioned table as each such mold approaches the substantially coincident portions of the paths of travel, means for opening each pair of neck ring sections while such sections are traversing such substantially coincident portion, and means for closing each pair of blow mold sections as each such pair is traversing such substantially coincident portion.

2,124,092
METHOD AND APPARATUS FOR FEEDING THERMOPLASTIC MATERIAL
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application March 27, 1935, Serial No. 13,268
25 Claims. (Cl. 49—55)



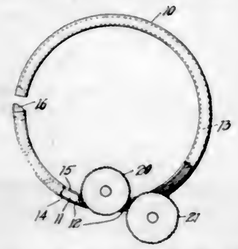
21. A glass feeder comprising a forehearth having a passage therein leading to a delivery orifice, a continuously acting pump for forcing molten glass through said passage to establish a continuously flowing stream through said orifice, means for applying a periodically varied expelling force to the glass over said orifice to alternately increase and decrease the diameter of said stream, and means for diverting a regulatable amount of glass away from said orifice to vary the composite effect of said pump and said last mentioned means and regulating the discharge through said orifice.

2,124,093
GRINDING MACHINE
Frank O. Wells, Greenfield, Mass., assignor to Carroll E. Adams, Pawtucket, R. I.
Application July 5, 1935, Serial No. 29,940
8 Claims. (Cl. 51—219)



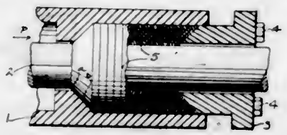
1. In a grinding machine, a grinding element, means for operating the same, a pivotally supported post, a pivotally supported housing member on said post, means for rotatably supporting a tool to be ground, as a drill, in the housing member, means when the tool is rotated in the housing member for moving the tool across the grinding element and for simultaneously forming the relief on the tool point, said means comprising a cam on the housing member, rotatably secured thereon for adjustment, a part on the rotatable tool-supporting means engaging said cam, an arm on the pivotally supported post and a second cam on the rotatable tool-supporting means engaging the said arm.

2,124,094
PACKING RING
Albert W. Wenzel, Irvington, N. J.
Application September 18, 1934, Serial No. 744,511
3 Claims. (Cl. 309—45)



1. A packing ring having a series of slots therethrough in a radial direction, said slots having partitions dividing the same from each other, successive partitions sloping in opposite directions with respect to the circumference.

2,124,095
ANNULAR ACCORDION PACKING RING
Harley T. Wheeler, Dallas, Tex.
Application March 11, 1935, Serial No. 10,446
3 Claims. (Cl. 154—2)

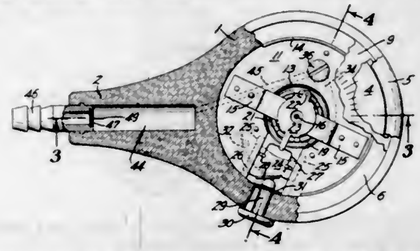


1. A process of forming packing comprising forming a tube of woven fabric material, placing the same upon an annularly corrugated mandrel, forcing the material into the grooves in the corrugations of said mandrel to produce annular laminations in said tube, collapsing and removing said mandrel, compressing the tube longitudinally into accordion-shaped folds, and then distorting said folds into frusto-conical shape.

2,124,096
FLUID GAUGE
Morris C. White, San Francisco, Calif.
Application September 21, 1934, Serial No. 744,937
10 Claims. (Cl. 253—50)

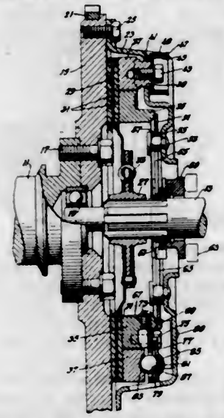
1. In combination, a turbine wheel having a roughened peripheral driving surface, a removable chamber plate having a cut-out portion receiving said wheel and positioned at right angles thereto, a second cut-out portion opening tangentially onto said wheel, a cover plate on each side of said chamber plate cut out to receive said

wheel and forming side walls for said second cut-out portion, and means for delivering a jet of



fluid into the chamber thus formed, said latter means being adjustable to vary the jet angle.

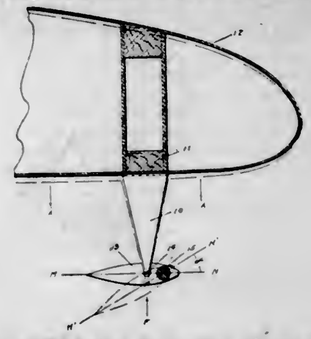
2,124,097
AUTOMOBILE CLUTCH
William S. Wolfram, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 13, 1937, Serial No. 163,557
7 Claims. (Cl. 192—32)



1. In a clutch, driving and driven members, said driving member including as a part thereof an abutment plate, a pressure plate comprising first and second concentric rings, said rings mounted for relative axial and circumferential movement, yielding means to move said first ring into contact with said driven member, means having a radial slot carried by said first ring, a ball in said slot, a circumferentially elongated groove in said second ring and means carried by said abutment plate having a cooperating circumferential groove whereby relative rotary movement between said rings moves said second ring into contact with said driven plate.

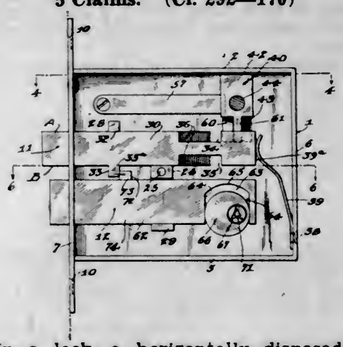
2,124,098
DAMPENING DEVICE
John Elliott Younger, Berkeley, Calif.
Application September 16, 1933, Serial No. 689,704
1 Claim. (Cl. 244—75)

In an aircraft, a wing subject to uncontrolled relative movement in flight, said wing having a main spar, a support rigidly attached to said spar and extending below said wing, an auxiliary airfoil for damping said relative movement controlled in its own movement only by its response to air flow and inertia, pivoted to swing freely on and with respect to said support, said airfoil having its center of pressure rearward of



said pivot and having its center of gravity forward of said pivot.

2,124,099
DOOR LOCK
Stanley Zagrzejewski, Chicago, Ill.
Application May 11, 1937, Serial No. 142,038
5 Claims. (Cl. 292—170)

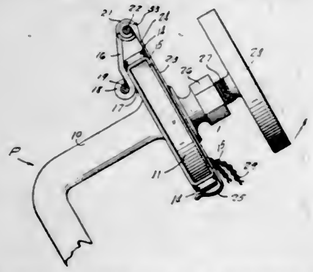


1. In a lock, a horizontally disposed spring controlled normally active slidably mounted latching member formed in its top face with a groove disposed diagonally thereof, a slidable vertically disposed actuating element for said member formed of an apertured upper part having a side groove and lower part depending from the lower end of the upper part, and having an inclined side face for riding against a side wall of said diagonal groove to shift said member to inactive position, a controlling spring for said element, said spring being fixed at one end and having its other end positioned in the groove of said upper part, and a horizontally disposed slidably mounted push and pull carrier disposed at right angles to said member, said carrier extending through the aperture in said element being fixed, intermediate its ends to said upper part for bodily carrying said element on the push and pull movement of the carrier.

2,124,100
PEDAL EXTENSION
Vivian Pinnock Bailey, Philadelphia, Pa.
Application July 14, 1937, Serial No. 153,502
5 Claims. (Cl. 74—562)

1. A pedal extension of the character described comprising a clamping attachment adapted to be clamped to the operating pedal of a motor vehicle, said clamping attachment includ-

ing a pivot bolt which is disposed substantially in the plane of and at one side of the pedal of the motor vehicle when the clamping attachment is applied thereto, a supporting plate pivotally



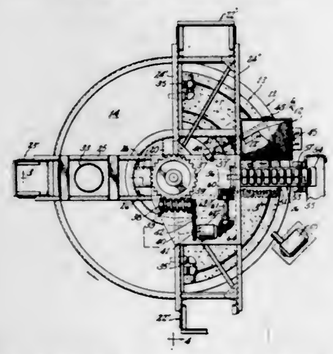
carried by the pivot bolt and adapted to overlie the said operating pedal, a stud structure upstanding from the central portion of the supporting plate, and an auxiliary pedal carried by the said stud structure.

2,124,101

METHOD FOR FUSING BORATES

Frederick A. Beik, Long Beach, Calif., assignor to Pacific Coast Borax Company, a corporation of Nevada

Application March 25, 1937, Serial No. 133,066
12 Claims. (Cl. 23—59)



1. The method of producing fused borates which includes: depositing a bed of material including unfused hydrated borates onto a traveling surface; passing said bed of material through a furnace to fuse only an upper layer thereof; cooling the fused layer of said bed of material to solidify the same while it is in contact with the unfused bottom layer which includes partially dehydrated borate; and removing the fused layer from the top of said bed thereby leaving a layer of unfused material on said traveling surface.

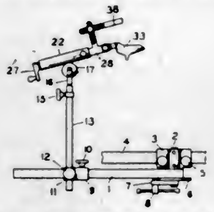
2,124,102

ORTHOPEDIC APPLIANCE

William L. Bell, Oakland, Calif., assignor to Gilbert Hyde Chick, Oakland, Calif.

Application October 28, 1935, Serial No. 47,065
6 Claims. (Cl. 128—84)

2. An orthopedic apparatus including a horizontal support; a bracket longitudinally movable on said support; a spar movable horizontally on a vertical pivot on said bracket; a standard on said spar; a traction means on said standard and movable vertically and horizontally with respect to said standard; and foot supporting



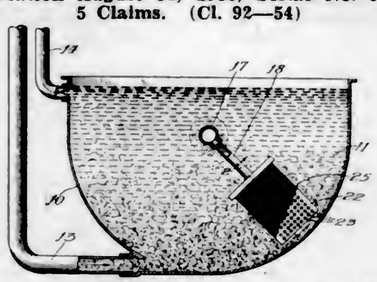
means pivoted on said traction means and movable vertically with respect thereto.

2,124,103

METHOD OF AND APPARATUS FOR FELTING FIBROUS ARTICLES

Jerome J. Blum, Olean, N. Y., assignor to Arveyware Corporation, Olean, N. Y., a corporation of New York

Application August 31, 1936, Serial No. 98,665
5 Claims. (Cl. 92—54)



1. The method of producing a felted fibrous article, the body of which varies in thickness from one end toward the other which comprises, immersing a hollow foraminated form in an aqueous-fibrous pulp body so that portions of said form are at a different depth in said aqueous-fibrous body, introducing a relatively concentrated aqueous-fibrous pulp into the lower portion of said pulp body, introducing an aqueous diluent for said pulp into the upper portion of said body for maintaining said aqueous-fibrous pulp body at a fiber density which increases from the top to the bottom of said body, the variation in fiber density being assisted by gravity due to the tendency of the suspended fibers to settle to the lower portion of said pulp body, applying suction to the interior of the foraminated form for felting fibers thereon, removing the form from the aqueous-fibrous body and discontinuing the suction.

2,124,104

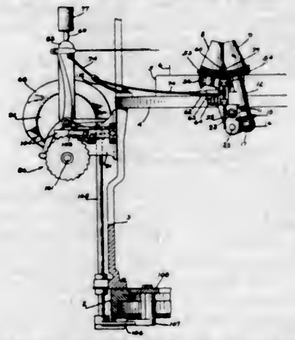
KNITTING MACHINE

Franklin Chatfield, Minneapolis, Minn., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn., a corporation of Delaware

Application July 30, 1934, Serial No. 737,620
7 Claims. (Cl. 66—132)

4. In a thread feeding mechanism for a knitting machine, a pair of tapered cones having a driving connection with the knitting machine, a guide movable lengthwise of said cones to direct the thread therebetween, a rack bar for said guide, a pattern mechanism comprising a cam suitably driven from the knitting machine, a rack bar mounted for longitudinal movement and having one end engaging the periphery of said cam, and a driving connection between said

rack bars, whereby when the cam is rotated, said guide will be moved with respect to the cones to



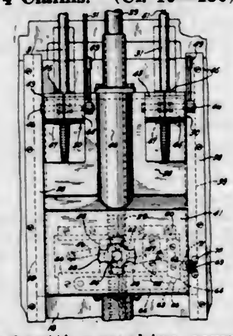
thereby deliver the thread therebetween along their varying diameters.

2,124,105

THREAD CUTTING MACHINE

Charles G. Dauber, Oshkosh, Wis.

Application January 13, 1937, Serial No. 120,388
4 Claims. (Cl. 10—130)



1. A thread cutting machine, comprising a supporting frame, a pair of spaced-apart cutting tools depending therefrom, a work carriage slidably mounted on the frame below said tools, a pair of spaced-apart work-holding members on said carriage and alined with the lower ends of said tools, an elevating screw extending along the carriage intermediate said work-holding members and adapted to move the carriage toward and longitudinally of the tools, and means for engaging the carriage with and automatically disengaging it from the screw.

2,124,106

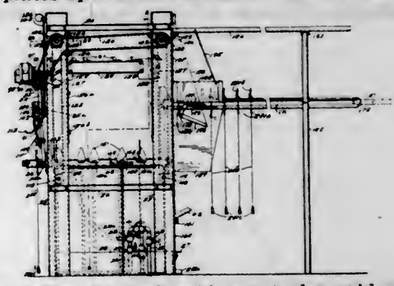
APPARATUS FOR DEVELOPING FILMS

Glen M. Dye, Minneapolis, Minn.

Application December 31, 1934, Serial No. 759,887
21 Claims. (Cl. 95—89)

1. A film treating machine having in combination, a receptacle for holding treating liquid, a conveyer adjacent said receptacle movable longitudinally thereof, a carrier on said conveyer for holding a film, which film extends into said receptacle, means for intermittently moving said conveyer to progress said film through said receptacle, means operated at regular times for raising, advancing and lowering said film to position it in said receptacle and remove it therefrom and means operated between said times and while said conveyer is not being moved by said first mentioned means for imparting a multiplicity of vertical reciprocations to said conveyer and film between its movements to progress said film.

20. A film treating machine having in combination, a plurality of receptacles placed side by side adapted to contain treating liquids, carriers for films, means for supporting said carriers with said films disposed in said receptacles, means for lifting, advancing and lowering said films to transfer the same from one receptacle to another and a plurality of stationary substantially vertical plates spaced in the direction of movement



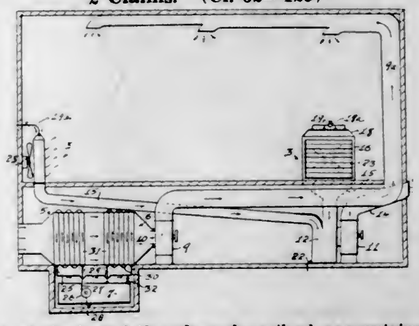
of said films through said receptacles, said plates having respectively upper and lower overlapping edges disposed a substantial distance above the tops of said receptacles, said films being lifted over said upper edges and moved under said lower edges whereby direct light from the end of said apparatus is prevented from reaching said films and a hood extending from said end of said apparatus having a top and side portions extending downwardly below the overlapped edges of said plates some distance at either side of said carriers and films to further shut out the light.

2,124,107

AIR CONDITIONING SYSTEM WITH REGENERATIVE LOCALIZED COOLING

Robert H. Folsom, Glendale, Calif., assignor to Young Radiator Company, Racine, Wis., a corporation of Wisconsin

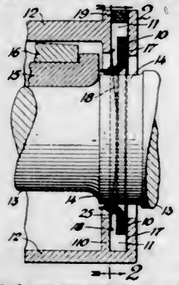
Application June 30, 1933, Serial No. 678,441
2 Claims. (Cl. 62—129)



1. A device of the class described comprising a normally closed room in combination with a system for conditioning the air therein, said system comprising a dehumidifying and reheating unit having an outside air inlet, a fan and an air outlet duct communicating with said room, and a recirculating and exhaust unit comprising a heat exchange core having a room air inlet and outlet and a fan adapted to recirculate a relatively large volume of room air therethrough and means whereby a relatively small volume of room air and being equal to the volume of air discharged into

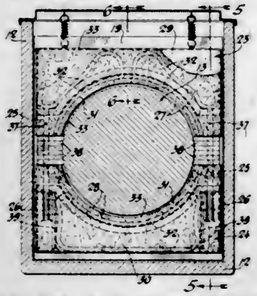
the room by said dehumidifying and reheating device is moved from said room through said core in heat exchange contact with the recirculated air and then is discharged from said room, means for wetting the discharged air while passing through said core to thereby cool the recirculated air by evaporation.

2,124,108
LUBRICATED DUST GUARD
Harry H. Grece, Detroit, Mich.
Application January 9, 1937, Serial No. 119,832
2 Claims. (Cl. 286—6)



1. A lubricated dust guard for sealing the opening between a car axle and its journal box comprising a pair of apertured plates, a plurality of oil carrying contact pads each having an aperture therethrough smaller than the diameter of the said car axle secured between said plates, the said contact pads being radially cut at circumferential intervals adjacent to said aperture therethrough in staggered relationship to each other to admit of flexing around said axle, and radially disposed serrated spring means adapted to constantly urge said contact pads in sealed relationship around said axle.

2,124,109
LUBRICATED DUST GUARD
Harry H. Grece, Detroit, Mich.
Application January 18, 1937, Serial No. 121.136
4 Claims. (Cl. 286—6)
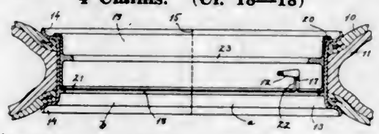


1. A lubricated dust guard for sealing the opening between a car axle and its journal box comprising upper and lower portions each composed of an arcuate wear resisting shoe in contact with said axle and a lubricant reservoir secured in sealed relationship thereto, the said wear resisting shoes having a continuous slot therein along the arcuate surface thereof in contact with said car axle, a lubricating strip in said continuous slot, means communicating with said reservoir for supplying lubricant therefrom to said lubricating strip, and spring means for gripping the said dust guard around said axle.

2,124,110
REFRIGERATING MECHANISM
Perry C. Hall, Sidney, Ohio, assignor to Copeland Refrigeration Corporation, Detroit, Mich., a corporation of Michigan
Application July 20, 1937, Serial No. 154,643
4 Claims. (Cl. 62—126)



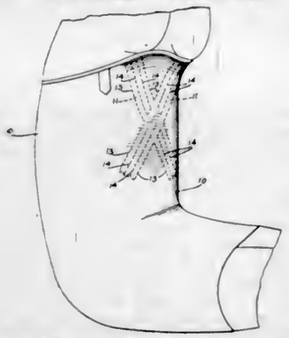
4. A chilling slab for salads and the like comprising an inverted sheet metal pan-like member of relatively great length as compared to its width, a plurality of loops of metallic refrigerant conduit secured in direct heat conducting relationship with respect to the lower face of said pan-like member, a layer of rigid material surrounding said loops and covering the lower face of said pan-like member including a mixture of metal particles bonded together by sodium silicate, means sealing the lower face of said layer against the penetration of moisture thereinto, and further means insulating the lower face of said material against the transfer of heat thereto.

2,124,111
TIRE RIM
James C. Heintz, Lakewood, Ohio
Application September 13, 1937, Serial No. 163,510
4 Claims. (Cl. 18—18)



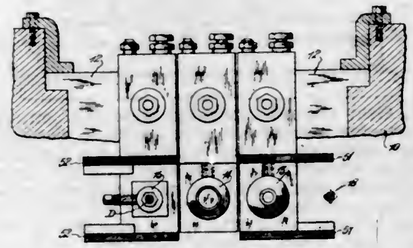
3. A pneumatic-tire curing rim comprising an annular body member consisting of a pair of contiguous segments and an interposed key segment, each having an intermediate base portion and a pair of integral bead flanges, and a continuous inner locking ring telescopically fitted within said body member, against the base portions of its segments.

2,124,112
GARMENT
Ruth M. Kapinas, Minneapolis, Minn., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn., a corporation of Delaware
Application February 4, 1935, Serial No. 4.903
4 Claims. (Cl. 2—36)



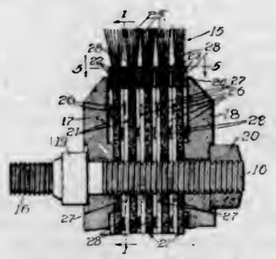
1. A foundation garment comprising an elastic body portion capable of stretch in a circumferential direction, said body portion having a front area adapted to cover the abdominal region of the wearer, and means for stiffening the front abdominal area of the body portion against stretching and bulging including reinforcing bones located in said front area of the body portion, said bones extending along oppositely inclined lines diagonal to the circumferential direction of stretch of the body portion.

2,124,113
MACHINE FOR MAKING BLANKS
Charles Kaufman, Garfield Heights, Ohio, assignor, by mesne assignments, to The National Machinery Company, Tiffin, Ohio, a corporation of Ohio
Application June 17, 1932, Serial No. 617,814
7 Claims. (Cl. 10—12)



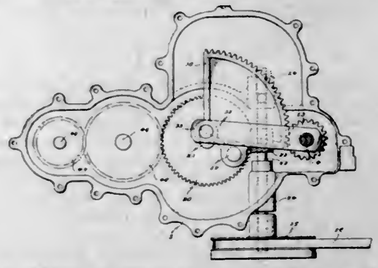
1. A transfer mechanism for machines of the character described, comprising a pair of spaced parallel bars, means for reciprocating said bars together parallel to their lengths, two pairs of oppositely positioned bell cranks pivotally mounted on said bars having opposed blank gripping fingers, springs carried by said bars tending to move said bell cranks about their pivots to bring the gripping fingers together, said pairs of bell cranks being reversely arranged, and projections carried by the bell cranks adapted to be engaged by the reciprocating head of the machine for swinging the gripping fingers of each pair away from each other to clear the space between the dies and hammer.

2,124,114
BUFFING OR POLISHING WHEEL
Arthur W. L'Hommedieu, Chicago, Ill., assignor to Chas. F. L'Hommedieu & Sons Co., Chicago, Ill., a corporation of Illinois
Application October 16, 1936, Serial No. 105,920
4 Claims. (Cl. 51—193)



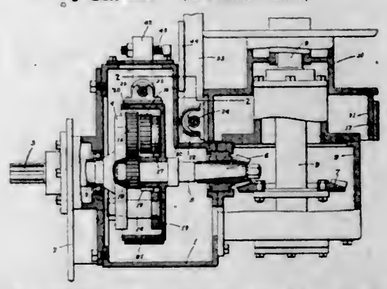
1. In a buffing wheel section, the combination of a molded hub, an outwardly extending flange on said hub molded integrally therewith, an air space between said flange and the axis of said hub, buffing material, said hub and said flange being molded integrally with portions of said buffing material throughout the circumference of said flange, and radial air passages formed directly in the side surface of the flange connecting said air space with the exterior of said wheel section.

2,124,115
OSCILLATING DRIVE TRANSMISSION
Royal R. Miller, Chicago, Ill., assignor of one-half to Remi J. Gits, Chicago, Ill.
Application May 25, 1936, Serial No. 81,698
6 Claims. (Cl. 74—81)



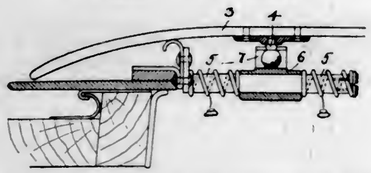
1. A drive mechanism comprising a driven pinion, a gear meshed with said driven pinion, a crank, a crank pin on said crank having eccentric pivotal connection with said gear, means to gyrate said crank pin about a fixed axis, and means arranged to maintain the axis of said gear at a fixed distance from the axis of said pinion, the length of said crank being less than the eccentricity of said crank pin relative to the axis of said gear.

2,124,116
POWER HOIST ATTACHMENT FOR TRACTORS
Stanley S. Moore, Stockton, Calif.
Application December 31, 1935, Serial No. 56.922
9 Claims. (Cl. 254—166)



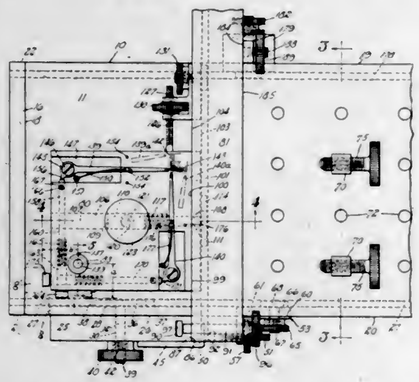
1. A power hoist device comprising a cable drum, a normally set brake connected to the drum, drive means operable to rotate the drum, means to control the operation of said drive means and including a normally released brake the setting of which places such means in operation, means to release the drum brake including a turnable rod whose rotation in either direction effects such release, means to set the last named brake including a turnable rod whose rotation in one direction effects such setting, an operating lever projecting radially from the first named rod, and a member mounted in fixed connection with the other rod separate from and positioned to be engaged by the lever to cause said other rod to be turned in said one direction when the lever is turned in one direction.

2,124,117
FASTENER OR LATCH FOR VEHICLE ROOFS
Charles Hillyard Nichols, West Bromwich, England, assignor of one-half to Alfred Wickham, West Bromwich, England
Application November 16, 1936, Serial No. 111,172
In Great Britain March 30, 1936
1 Claim. (Cl. 292—164)



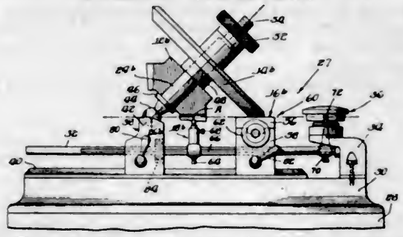
A fastener or latch for detachable roofs or panels for vehicles, comprising in combination a headed member adapted to be attached to a roof or panel, a support member for mounting on a vehicle body, a weighted catch member slidably mounted on said support member, an undercut groove formed in the weighted catch member which is adapted to engage the headed member attached to a roof or panel to retain said roof or panel in position and resilient members mounted either side of said weighted catch member on the support member to normally retain said weighted catch member in engagement with the headed member.

2,124,118
JIG
George A. Okerfelt, Hartford, Conn.
Application October 22, 1935, Serial No. 46,132
5 Claims. (Cl. 77—62)



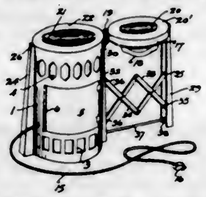
1. A portable jig for locating a drilling operation comprising a table having a flat work supporting face and an end wall provided with a work locating face disposed at right angles to the supporting face, a work guide member, means slidably securing said guide to a side of the table in perpendicular relation to the work guide and for movement towards and from said end wall, mechanism to minutely adjust the position of the work guide towards and from the end wall, a locking device to secure the guide in adjusted position, a bracket slidably mounted on the guide for adjustable vertical movement and overlying the table, means adjustably securing the bracket on the guide, a drill guide plate slidably mounted on the bracket in parallel overlying relation to the table for adjustable movement towards and from the work guide, means to minutely adjust the drill guide plate, and a locking device to secure said plate in its adjusted position.

2,124,119
GEAR TESTING MACHINE
Carl G. Olson, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a corporation of Illinois
Application February 8, 1937, Serial No. 124,592
9 Claims. (Cl. 33—174)



1. Gear testing apparatus including contactor means for engaging a gear tooth, a plane surfaced member, a roller having its peripheral surface engaging said plane surface, the axis of said roller being inclined with respect to said surface, and means for supporting a gear in coaxial relation with said roller whereby to cause said gear, when relative movement is experienced between said roller and plane surface, in effect to roll upon the generating surface thereof while one of the teeth of said gear remains in engagement with said contactor, thereby causing the contactor to move in case said tooth is out of true.

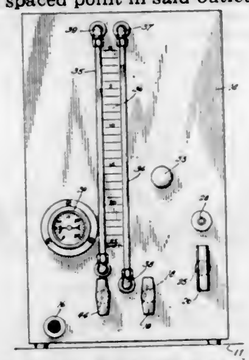
2,124,120
HEATING STOVE
William F. Pogue, Spokane, Wash.
Application January 14, 1936, Serial No. 59,105
3 Claims. (Cl. 219—19)



1. The combination with a stove having a fixed heating unit, of a hinged cover therefor having a heating unit adapted for separate and/or joint use with the fixed heating unit when the hinged cover is swung open, a laterally movable leg mounted on the exterior of the stove and an exterior recessed portion on the stove, and diametrically arranged caps on said cover adapted to engage the movable leg and said recessed portion for retaining the cover and its heating unit in active position.

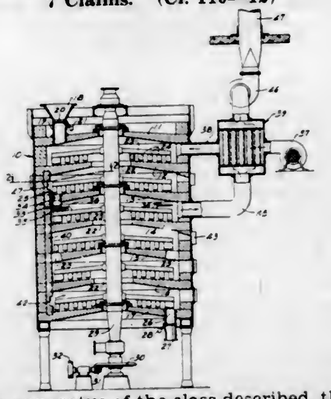
2,124,121
EMBALMING APPARATUS
Clifford G. Postlewait, Oak Park, Ill.
Application September 23, 1936, Serial No. 102,067
15 Claims. (Cl. 27—24)

13. In combination in embalming apparatus of the character described, a pressure tank for a supply of embalming fluid under pressure, an outlet line communicating with the bottom of said tank and leading to a discharge point, and means operable by the pressure differential between said tank and a spaced point in said outlet line during



discharge from said line to indicate the rate of flow through said line.

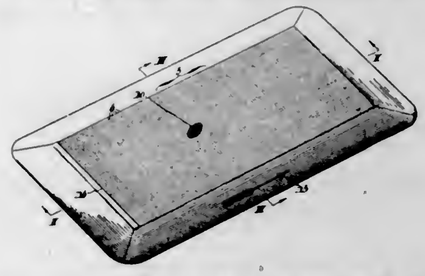
2,124,122
INCINERATION
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application November 7, 1936, Serial No. 109,616
7 Claims. (Cl. 110—12)



1. In apparatus of the class described, the combination with a multiple-hearth furnace having a peripheral wall, vertically spaced hearths with outlets through which material introduced at the top of the furnace is passed from hearth to hearth to the lowermost hearth and then discharged from the furnace, means at the outlet of one hearth for preventing the passage of gases and dividing the furnace into an upper drying section and a lower burning section, means for supplying air to the drying section and means for discharging hot combustion gases from the higher part of the burning section, of means for conducting air and vapor from the drying section downwardly in heat-exchanging relationship with the combustion gases in the burning section, and discharging the air thus heated into the lower part of said burning section.

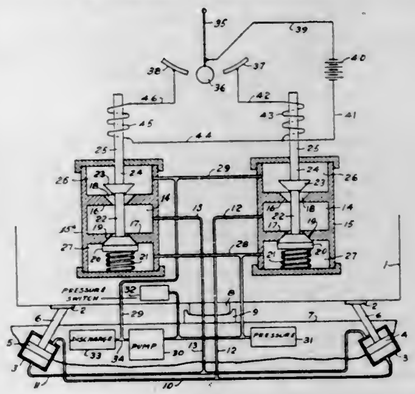
2,124,123
GOLF PRACTICE MAT OR THE LIKE
Mitchell G. Rosengarten, Philadelphia, Pa.
Application April 22, 1937, Serial No. 138,284
5 Claims. (Cl. 273—33)

1. Game apparatus comprising in combination a plain cardboard missile-disc, adapted to be propelled by a stroke of a golf club against its edge, and a driving mat comprising a facing mounted to yield resiliently downward under a stroke of a club and surfaced with upstanding bristle wires resiliently flexible relative to the facing and of such length and stiffness and so spaced as to impale and receive amongst them



the margin of the plain cardboard missile disc, when it is pushed edgewise against the facing, so that the facing and its bristles hold the disc upright to receive the stroke of the club, yet temporarily yield downward and laterally under such stroke, thereby avoiding injury of the facing and releasing the disc more easily.

2,124,124
METHOD AND APPARATUS FOR MAINTAINING ADJACENT RAILWAY CARS ON A LEVEL PLANE
Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio, a corporation of Ohio
Application January 16, 1935, Serial No. 2,074
20 Claims. (Cl. 105—199)



1. In combination, a rail truck, a car body having laterally spaced side bearing means, and pivotally secured to said truck at a point therebetween for tilting movement about a fixed horizontal axis, oppositely acting hydraulic means associated with the respective side bearing means for pressing the body downwardly or upwardly adjacent thereto, and means responsive to the tilt of said body for controlling said hydraulic means whereby hydraulic pressure can be applied simultaneously for resisting the downward movement of the body on one side and the upward movement of the body on the other side.

2,124,125

BRAKING AND TRACTION CONTROL

Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio, a corporation of Ohio

Application May 7, 1937, Serial No. 141,240
60 Claims. (Cl. 188—33)



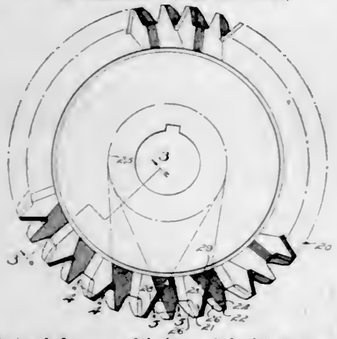
1. In a method of braking for railway vehicles having trucks, axles, wheels and wheel brakes, applying the vehicle wheel brakes and concurrently applying to the trucks of the vehicle corrective forces adapted to make uniform the downward force applied to the respective axles of the vehicle.

2,124,126

CUTTING TOOL

George R. Scott, Norfolk, Va., assignor, by mesne assignments, to Michigan Tool Company, Detroit, Mich., a corporation of Delaware

Application July 19, 1934, Serial No. 735,971
5 Claims. (Cl. 29—103)



5. A tool for machining globoidal worms comprising a rotatable member having a peripheral tooth thereon, said tooth having a side face and an axial end face intersecting in a straight line to form a cutting edge, said cutting edge lying along a line tangent to a circle whose center coincides with the axis of rotation of said member, said cutting edge lying in a plane perpendicular to the axis of rotation of said member, the side face and the axial end face of said tooth being helicoidal surfaces having a common axis, which axis coincides with said cutting edge whereby the angle of intersection of said surfaces at said cutting edge will be substantially constant throughout the length of said cutting edge.

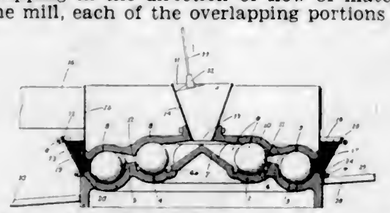
2,124,127

SCREEN UNIT FOR BALL MILLS

John Seroy, Stockton, Calif.

Application September 29, 1934, Serial No. 746,157
2 Claims. (Cl. 83—45)

2. A screen unit for a vertical axis ball mill comprising in combination, a skeleton frame extending about the mill and upstanding from the base member, said frame including a plurality of upstanding outwardly flat and relatively wide arms disposed in spaced relation about the mill, screen sections disposed against said frame outwardly thereof and forming a continuous screen structure about the mill, the adjacent edges of the screen sections relative to the inner faces thereof overlapping in the direction of flow of material in the mill, each of the overlapping portions be-



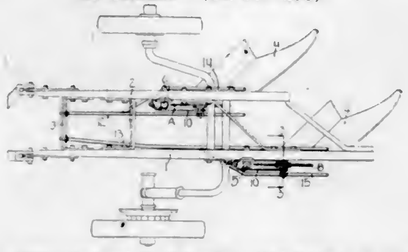
ing disposed immediately behind one of the relatively wide upstanding arms whereby to protect said overlapping portions from the passing material in the mill, and clamping bands extending about all the screen sections adjacent the top and bottom thereof and removably mounting the screen sections in place against the frame.

2,124,128

TRASH GUIDE FOR PLOWS

Carl G. Strandlund, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application October 7, 1935, Serial No. 43,806
Renewed November 16, 1936
20 Claims. (Cl. 97—193)



1. The combination with a plow having a colter carrying arm mounted for vertical adjustment with respect to said plow, of a presser rod mounted at the forward end of the plow for vertical swinging movement with respect to the plow, said presser rod extending rearwardly longitudinally of the plow, and means on said arm for supporting the rear end of said presser rod, said supporting means permitting said presser rod to slide longitudinally relative to said supporting means when said arm is adjusted vertically with respect to the plow.

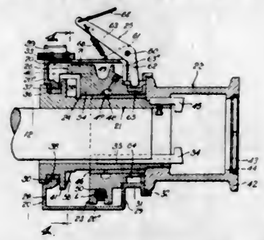
2,124,129

JOINT BREAKER

Harold L. Therolf, Los Nietos, Calif., assignor to Eason & Therolf Tool Company, Los Nietos, Calif., a co-partnership composed of Ernest L. Eason and Harold L. Therolf

Application June 30, 1936, Serial No. 88,123
7 Claims. (Cl. 254—173)

1. A joint breaker for application to the shaft of a draw works having a post, said joint breaker including, a housing surrounding the shaft, a member arranged on the shaft to rotate therewith and extending into the housing, means rotatably supporting the housing on the member, a rotatable and axially shiftable drum arranged on the member, a tool operating line associated with the drum to be wound thereon, clutch means engageable by axial shifting of the drum in one direction to cause the drum to rotate with the shaft, means for shifting the drum in said direction to engage the clutch means, cam parts on the drum and housing cooperable to shift the



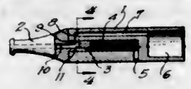
drum in the opposite direction to disengage the clutch means when a predetermined length of the line is wound on the drum, and means loosely associating the housing with the post to prevent rotation of the housing.

2,124,130

SMOKING IMPLEMENT

Albert G. Van Deventer, South Pasadena, Calif.

Application April 5, 1937, Serial No. 135,046
4 Claims. (Cl. 131—12)



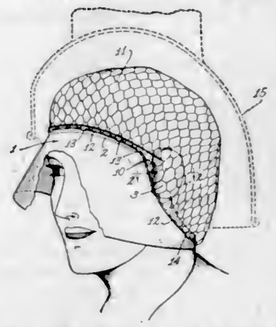
1. A smoking implement comprising a stem having a recess at one end, said stem having a smoke conduit extending lengthwise thereof, said conduit terminating in said recess at a point laterally offset from the longitudinal axis of said stem, a chamber in said stem for the reception of a vapor-producing substance, said chamber being in communication with said recess, and a bit having a protuberance at one end projecting into said recess and forming a closure therefore, said bit having a bore extending longitudinally therethrough, and a passageway operative to connect said bore with said conduit and said chamber, jointly and severally.

2,124,131

FACE PROTECTOR FOR HOT AIR HAIR DRIERS

Vivian S. Ault, Los Angeles, Calif.

Application May 26, 1937, Serial No. 144,807
3 Claims. (Cl. 2—174)



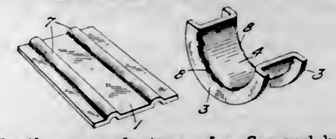
1. A protector for the face of a person under a hair drier, consisting of a sheet of flexible heat-resisting material to extend across the face, having an upper edge to rest against the forehead, said sheet flaring outwardly and downwardly so as to substantially cover the upper portion of the face and deflect the heat therefrom, and integral ear guards carried by said sheet, having pockets to receive the wearer's ears and envelop the same, said sheet having attachable rear end portions below the hair lines.

2,124,132

MANUFACTURE OF BEARINGS

John Bate and Maurice Melhuish, Alperton, England, assignors to The Glacier Metal Company Limited, Alperton, England, a British company

Application January 29, 1937, Serial No. 123,052
In Great Britain March 24, 1936
11 Claims. (Cl. 29—149.5)



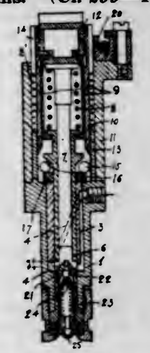
1. In the manufacture of a flanged bimetallic bearing shell of semi-cylindrical form, the steps which comprise indenting the metal of a blank along the zones at which the flanges are to join the body of the shell, bending the indented blank to approximately semi-cylindrical form, turning back the side edges of the approximately semi-cylindrical blank at the indented zones to form flanges at the edge of the shell, and simultaneously with the formation of each flange compressing the same to effect a flow of metal from the corners of the blank towards the apex of the flange.

2,124,133

INJECTION DEVICE FOR INTERNAL COMBUSTION ENGINES

Louis Henri Libert Bellem, Asnieres, France

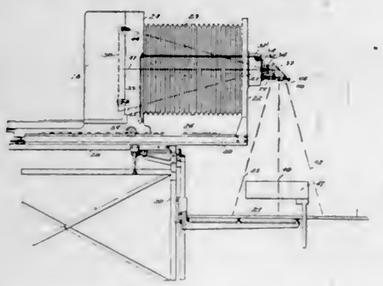
Application September 14, 1936, Serial No. 100,797
In Belgium January 7, 1936
8 Claims. (Cl. 299—107.2)



3. Fuel pump for internal combustion engines, comprising a hollow member forming an inlet chamber with a substantially vertical cylindrical portion, and providing an injection passage having an aperture in said chamber, below said cylindrical portion of same, check valve means in said passage, a nozzle structure directly connected to said passage and opening into the engine, a fuel pump cylinder slidably mounted in said vertical cylindrical portion of said chamber and having an open lower end, a piston adapted to work

in said cylinder, means in said hollow member for depressing said cylinder to tightly connect its open end to said passage aperture during a section of the injection stroke of said piston, a primary wedge adjustably connected to said piston for reciprocation therewith, a transversally movable member in said hollow member, adapted to be moved by said primary wedge at the end of said stroke section and when so moved, to lift said cylinder from said aperture, and means for adjusting the position of said wedge relatively to said piston to adjust said stroke section end, whereby injection of fuel into the engine is caused to occur only during said adjustable stroke section.

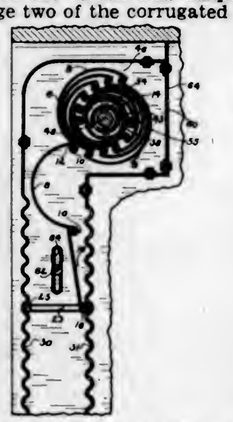
2,124,134
PHOTOGRAPHIC EXPOSURE CONTROLLING APPARATUS
Willard A. Brorsen, Oakland, Calif., assignor to Photostat Corporation, Rochester, N. Y., a corporation of Rhode Island
Application September 18, 1936, Serial No. 101,496
14 Claims. (Cl. 88—24)



1. Photographic apparatus comprising a copyholder, a camera having means for holding a sheet of sensitized material in position to be exposed and lens means for projecting light from an external object positoned on said copyholder onto said sensitized sheet to make an exposure, elongated tubular illuminating means positioned adjacent each of two opposite edges of said copyholder, and shiftable screen means mounted on said camera and having one position in the path of light tending to pass toward the central part of said sensitized sheet from a central zone of said copyholder extending transversely of said illuminating means and out of the path of light tending to pass toward two opposite marginal portions of said sheet from marginal zones of said copyholder on two opposite sides of said central zone, so that when said screen means is in said position it will reduce the exposure of the central portion of said sheet without reducing the exposure of said two marginal portions thereof, said screen means being shiftable from said position to a different position substantially entirely out of the path of light tending to pass toward all parts of said sensitized sheet.

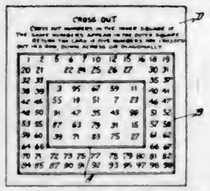
2,124,135
FIREPLACE SCREEN AND DRAFT CONTROL
Eugene T. Brown, Seattle, Wash.
Application April 30, 1936, Serial No. 77,243
3 Claims. (Cl. 126—202)

1. The combination in a flexible screen adapted to be mounted in a fire place, with a spring-wound roller for the screen, of a spaced pair of guides each comprising a pair of spaced corrugated plates, an oscillatable lock-bar mounted in the free end of the screen and adapted to frictionally engage two of the corrugated plates, and



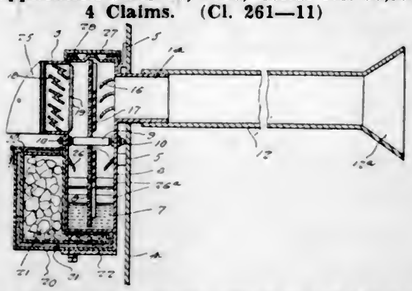
locking means on the lock-bar for engagement with the other two guide plates.

2,124,136
GAME
Loyal L. Bugg, Farmington, Mo.
Application September 30, 1937, Serial No. 166,489
4 Claims. (Cl. 273—135)



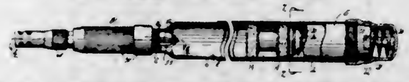
1. A set of playing cards comprising a number of cards each having on one side a frame enclosing series of horizontal and vertical and diagonal rows of numerals, and also having on said side a field with numerals therein including only a part of the numerals in said frame.

2,124,137
AIR CONDITIONING EQUIPMENT
Warren I. Christian, Denver, Colo.
Application June 17, 1936, Serial No. 85,804
4 Claims. (Cl. 261—11)



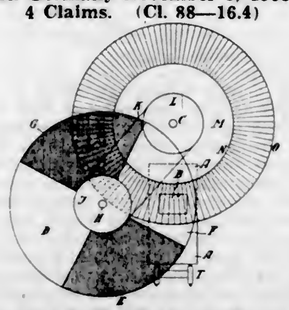
1. An air conditioning device of the character described comprising a casing adapted to contain water, said casing being provided adjacent the top thereof and at one side with an air intake, and at a relatively opposite side with an air exhaust, a substantially L-shaped receptacle for a cooling medium disposed against one side and the bottom of said casing in heat-conducting relationship with said casing, said receptacle having a cooling medium therein for cooling the water contents of said casing, and cooperating means on said casing and said receptacle respectively for detachably securing said receptacle to the casing.

2,124,138
LUBRICANT GUN SET
Ivan L. Eastman, Bryan, Ohio, assignor to The Aro Equipment Corporation, Bryan, Ohio, a corporation of Ohio
Application May 13, 1935, Serial No. 21,202
8 Claims. (Cl. 221—47.4)



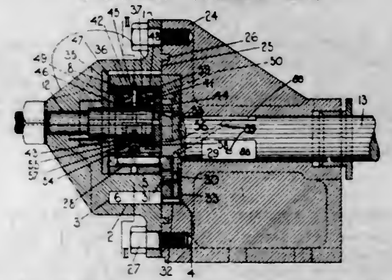
1. In a lubricant gun, the combination of a reservoir, a follower in said reservoir and a nozzle for coaction with the discharge end of said reservoir, with a follower actuator comprising a head for coaction with the other end of said reservoir, means for connecting said head to said reservoir, a spring carried by said head for urging the follower within the reservoir in a lubricant discharging direction, limiting means for the inner end of said spring, said inner end, in conjunction with said limiting means, being positively connectible with said follower for retraction purposes and disconnectible therefrom whereby to transfer said head, spring and limiting means only to another reservoir.

2,124,139
APPARATUS FOR PROJECTING LENTICULAR FILM
John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application November 3, 1934, Serial No. 751,370
In Germany November 8, 1933
4 Claims. (Cl. 88—16.4)



1. Apparatus for projecting motion pictures in natural colors comprising a source of light, a cylindrically lenticulated film bearing color records the lenticular side of which film faces the light source, said film being positioned in an apertured film gate, a prism grating movable in the vicinity of and in a plane parallel to the film gate aperture and composed of a plurality of prisms which are wider than the lenticulations of the film, the individual prisms being radially arranged as a ring about the periphery of a disc, the axis of rotation of the ring being parallel to the central axis of the film gate, said grating being movably supported between the light source and the film in a plane parallel to the film with the prism spectrum including the range of colors from the extreme blue to the extreme red imaged by each lenticulation in register with the color filter records back of the lenticulation and with the long axis of one of the prisms of said grating which fall directly between the light source and the central axis of the film gate parallel to the film lenticulations, and means for rapidly moving the prism grating in said plane so that said prisms move in a direction substantially transversely to the film lenticulations at a rate sufficient to render invisible dark striae produced by the edges of the prisms.

2,124,140
ENGINE, PUMP, METER, AND THE LIKE
Frank Geden Foster, Doncaster, and Laurence Joseph Lambe, Hampstead, London, England
Application August 18, 1936, Serial No. 96,684
In Great Britain August 19, 1935
6 Claims. (Cl. 103—125)



1. An engine, pump or meter comprising a casing having a cylindrical wall, side walls and an intermediate crescent shaped wall projecting from one of said side walls and forming with the cylindrical wall a piston chamber, inlet and outlet ports to said chamber, a rotor mounting pistons which traverse said chamber during the working of the engine and a rotating seal member, having pockets for said pistons, a bearing for said rotating seal member, projecting from said one of the side walls eccentrically of the rotor, said seal member being formed as a dual annulus or collar about said bearing and being ported to open communication between the pockets therein and the adjacent surfaces of the bearing.

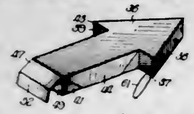
2,124,141
LIGHTING FIXTURE
Otto G. Hildebrand, Cleveland, Ohio, assignor to Railley Corporation, a corporation of Ohio
Application October 26, 1936, Serial No. 107,538
1 Claim. (Cl. 285—1)



In a lamp consisting of a base member adapted to be supported upon a wall or to rest upon a flat surface and having an inner arm extending outwardly therefrom and an outer arm rotatably secured to said inner arm and extending at an angle thereto, a joint between said arms including a sleeve surrounding the adjacent ends of said

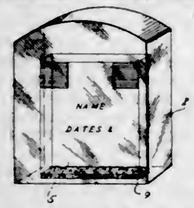
arms, a casing enclosing said joint and comprising a pair of separable sections carried by said sleeve, means carried by said sleeve and engaging said detachable sections for securing the same in place, cooperating means on the adjacent ends of said arms for limiting the rotary movement thereof with respect to each other, said arms having frictional engagement with said sleeve for automatically holding said arms in the adjusted position.

2,124,142
SPEAR OR ARROW SHAPED BOX
William L. Krumm, Chicago, Ill.
Application February 11, 1937, Serial No. 125,282
18 Claims. (Cl. 229—8)



10. A spear or arrow shaped box having top and bottom members, each having a triangular portion and a rectangular portion, the base of the triangular portion projecting beyond the rectangular portion, and vertical side walls, the projecting portion of the base of the triangular portion being open.

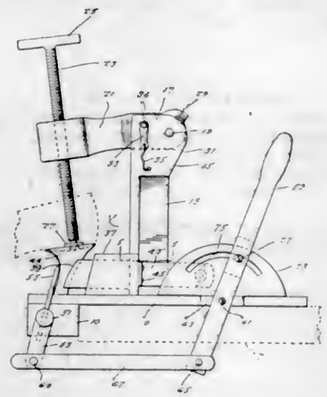
2,124,143
TRANSPARENT GRAVE MONUMENT
Forrest H. Long, Maricopa County, Ariz.
Application October 22, 1937, Serial No. 170,309
2 Claims. (Cl. 40—124.5)



1. A grave monument having an inscription visible from opposite sides thereof, said monument consisting of a heavy mass of transparent glass provided with parallel front and rear faces, said mass having a flat bottom face and provided with an opening extending upwardly from said bottom face and terminating in spaced relation below the top of the mass whereby the top of the opening is permanently closed and weather proof, said opening being rectangular in horizontal cross-section and of uniform dimensions from top to bottom, a filler member in said opening consisting of a heavy transparent glass plate of slightly less height than the opening, said plate having an inscription on one face thereof and being of less thickness than the width of the opening without rubbing the inscription, a cementitious closure filling the bottom of the opening below the plate, and plates cemented to the upper corners of the front face of the plate for purposes of ornamentation and to hold the front face away from the wall of the opening.

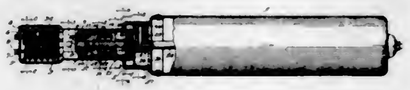
2,124,144
SHOE HEELING CLAMP
William H. McCaffrey, Minneapolis, Minn.
Application November 20, 1936, Serial No. 111,931
6 Claims. (Cl. 12—125)

1. A shoe clamp comprising a base plate, a vertical guide post thereon, a slide on said post, a heel back clamping member carried by said slide, means for clamping said slide to said guide post, a heel front clamping member on said plate and movable to and from proximity with the



back heel clamping member, and a shoe clamping member mounted on said post and adjustable to a position for clamping the heel end of a shoe against a heel clamped between the said front and back heel clamping members.
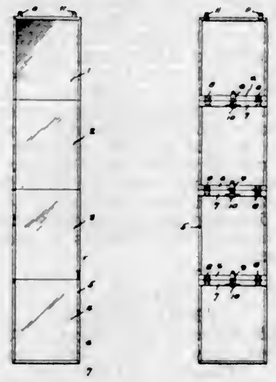
2,124,145
MOTOR DRIVEN ROTARY TOOTH BRUSH
John Merkel, Jr., Evansville, Ind.
Application October 18, 1934, Serial No. 748,790
3 Claims. (Cl. 15—23)



1. In a device of the class described, a pair of oppositely rotating brushes, a handle for said brushes, power driven means for said brushes, said power driven means extending through one end of said handle, spindles for said brushes, a guard extending over all of said brushes excepting their cleansing surfaces, said guard carrying said brushes and said spindles including provisions for journalling said spindles therein as a detachable unitary assembly, and a housing between said handle and said guard, said housing including a driving connection having a pair of intermeshing gears driving said spindles, a pair of shafts carrying said intermeshing gears, an internal gear on one of said shafts, and a pinion meshing with said internal gear, said pinion being driven by said power driven means, and means to detachably connect said shafts with said spindles.

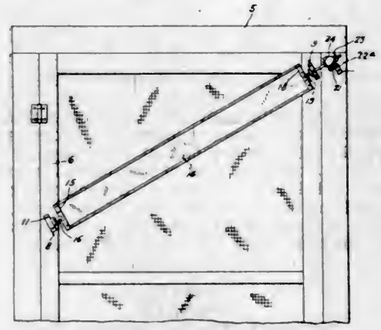
2,124,146
JAUNT FOLDING DRESS-MIRROR
Elizabeth Genevieve Miller, Madison, N. J.
Application December 13, 1937, Serial No. 179,571
3 Claims. (Cl. 88—73)

1. A collapsible mirror comprising a series of hingedly connected reflecting sections having the contiguous sides of the sections unframed and means for maintaining the sections in rigid alignment comprising a plurality of bolting devices releasably engaging adjoining portions of each of the sections and means on one of the adjoining



portions for supporting the bolt for movement to locking and releasing positions.

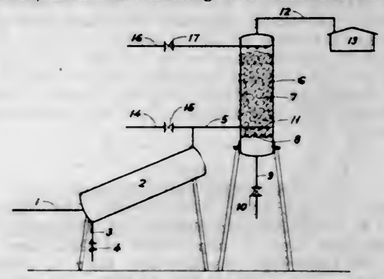
2,124,147
ADVERTISING FLY CHASER
Martin J. Murphy, Spalding, Nebr.
Application August 14, 1937, Serial No. 159,192
3 Claims. (Cl. 230—244)



1. A fly chaser attachment for a swinging closure, said attachment comprising a pair of brackets adapted to be mounted on the closure at one side thereof, said brackets being disposed diagonally to support a rotating blade diagonally of the closure, a blade provided at the respective opposite ends thereof with stub shafts journaled in said brackets, and means for imparting rotative movement to the blade incidental to a swinging of the closure to open or closed position.

2,124,148
REMOVAL OF SUSPENDED SOLIDS FROM OIL
Donald B. Nutt, El Segundo, Calif., assignor to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application November 18, 1935, Serial No. 50,415
6 Claims. (Cl. 196—147)

1. A method of removing finely divided solid particles from oil comprising passing the oil containing solids in suspension through the voids in a bed of solid insoluble material, such voids being very large relative to the size of the solid particles, and maintaining the surfaces of the



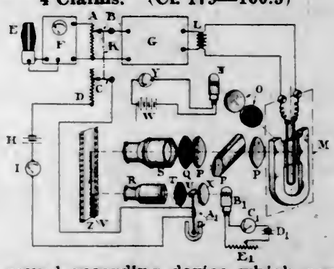
said solid material coated with aqueous alkaline solution.

2,124,149
TANDEM WHEEL TRUCK
William R. Redhead, Oswego, Oreg., assignor to The Hardie Manufacturing Company, Hudson, Mich., a corporation of Michigan
Application April 22, 1936, Serial No. 75,717
3 Claims. (Cl. 280—80)



2. In a trailer of the character described, a frame, an axle disposed transversely of said frame, a wheel truck mounted on each end of said axle, each wheel truck rotatably engaging said axle, a pair of ground engaging wheels mounted upon each said wheel truck in tandem arrangement, the weight of the load on the frame being distributed equally to both ends of the wheel truck, a frame engaging member affixed to each said wheel truck adjacent the axis of rotation of each said wheel for maintaining an equal distribution of the load to both ends of the wheel truck whenever but one of said wheels shall be in engagement with the ground.

2,124,150
METHOD AND DEVICE FOR RECORDING SOUND
Pier Carlo Ricchiardi, Paris, France
Application March 27, 1937, Serial No. 133,455
4 Claims. (Cl. 179—100.3)



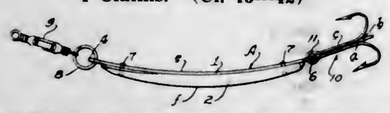
1. A sound recording device which comprises, in combination, modulation recording means for tracing a sound track on a film, an attenuating device associated with said means for exerting a compression action on the sound level so as to keep it inside the permissible range, and a sound level recording means operatively connected with said attenuating device for tracing on said film

a sound level track showing variations proportional to the compression actions exerted on the modulation when recording, said means being adapted to form parallel and adjacent sound tracks the total width of which is equal to the width of an ordinary sound track, whereby both of the first mentioned sound tracks can be read by means of a single reading device, without necessitating any modification in existing apparatus.

2,124,151
SYNTHETIC RESINS
Henry S. Rothrock, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 1, 1936, Serial No. 77,452
4 Claims. (Cl. 260—2)

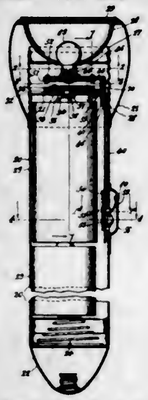
1. A process for making resins which comprises heating from about 50° C. to about 100° C. in the absence of catalyst and in the absence of substantial amount of water and in the presence of a monohydric alcohol reactants consisting solely of urea and aldehyde consisting substantially wholly of a non-hydroxylated saturated aliphatic aldehyde containing at least two carbon atoms.

2,124,152
FISH LURE
John Salm, Torrance, Calif.
Application November 3, 1934, Serial No. 751,368
4 Claims. (Cl. 43—42)



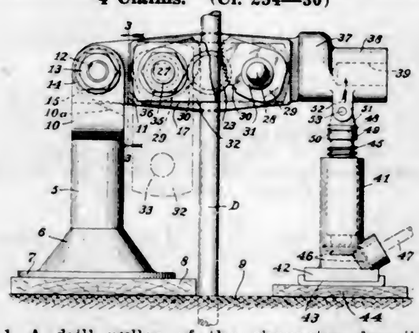
1. A fish lure comprising an elongated member curved throughout substantially its entire length and being of a configuration transversely such that a plane passing through the body at right angles to the longitudinal axis thereof will intersect the upper surface of the body in a straight line, the lower surface of said body being substantially semi-elliptical in cross section.

2,124,153
FLASHLIGHT
Albert J. Scholtes, Baltimore, Md.
Application November 12, 1936, Serial No. 110,513
16 Claims. (Cl. 240—10.66)



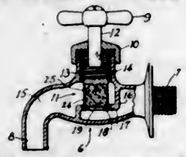
1. In a hand flash light, a body shell, lamp socket supporting and circuit closing means on the outer end of the shell and including contacts relatively movable a short distance in one direction to close the circuit and relatively movable a greater distance in the opposite direction to close the circuit, and also including a connecting element for selectively closing the contacts and extending lengthwise of the shell, and a single control slide mounted on the outer side of the shell remote from the circuit closing means and releasably locked to said connecting element for assembly and removal, said single control slide adapted to be slid a short distance along the casing in one direction to relatively move the contacts into circuit closing position for flashing a lamp in the said socket and adapted to be slid a greater distance in an opposite direction for relatively moving the contacts to maintain the circuit closed.

2,124,154
DRILL PULLER
Louis Sovincz, Los Angeles, Calif.
Application July 2, 1937, Serial No. 151,761
4 Claims. (Cl. 254—30)



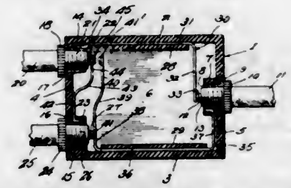
1. A drill puller of the character described, comprising a support, a lever having one end fulcrumed to the upper end of the support, means carried by the free end of the lever for exerting a vertical force thereto, a dog-carrying plate pivoted intermediate the ends of the lever, and a pair of dogs pivotally attached to the ends of the dog-carrying plate for engaging a drill.

2,124,155
FAUCET
William L. Thaete, Trenton, Utah
Application January 15, 1937, Serial No. 120,685
11 Claims. (Cl. 251—27)



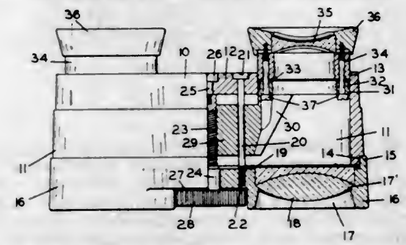
1. A faucet having ingress and egress conduits, comprising a valve having a shell of nominal thickness forming at its extremity a knife edge sealing element, a plug of yielding material in the shell, an apertured partition dividing the ingress conduit from the egress conduit, and an annular valve seat member resting on the partition around the aperture and having an annular lip pressed in the aperture and depending therein with respect to the seat, the valve seat having a portion of its valve-engaging face inclined and the valve seat member being of relatively harder material than the plug and shell, whereby the latter conform with the inclined seat member.

2,124,156
JUNCTION BOX
John E. Torbert, Jr., National City, Calif.
Original application March 4, 1936, Serial No. 67,146. Divided and this application September 10, 1936, Serial No. 100,184
3 Claims. (Cl. 247—9)



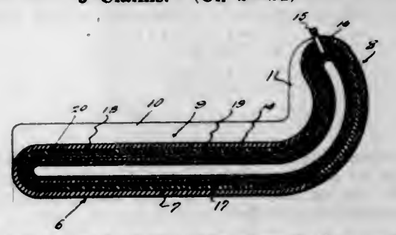
3. In a device of the class described, a rectangular casing having a top wall and a bottom wall and end walls, said top and bottom walls having thickened portions, a boss formed in one end wall and having a socket, a pair of spaced bosses carried in the opposite end wall and having sockets therein, said first mentioned socket being adapted to receive a cable, an inverted L-shaped conductor strip carried in the casing and mounted in one of said thickened portions, said conductor strip being adapted to connect a cable in said first mentioned socket and one of said second mentioned sockets, and a substantially U-shaped conductor strip having a straight portion mounted in said other thickened portion and being adapted to connect said first mentioned socket selectively with cables in said second mentioned sockets.

2,124,157
FIELD GLASS
Otto E. Trautmann, Irondequoit, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application May 21, 1937, Serial No. 144,003
2 Claims. (Cl. 88—34)



1. A field glass comprising a body having two spaced barrel portions and a bridge member integral with and connecting said barrel portions, a pair of oculars, one slidable in each barrel member, a yoke positioned within said body and connecting said oculars, a front plate adapted to fit over said body at the end opposite said oculars, a pair of objectives carried by said front plate, each having its axis aligned with one of said oculars, a rod extending from said bridge member through said yoke to said front plate for securing said front plate to said body and for forming a slide for said yoke, a screw rotatably carried by said bridge member and said front plate and threaded in said yoke, a knurled knob on said screw for actuating said screw to move said yoke for focusing and a member rotatably journalled in the bridge member coaxial with said screw and secured to the inner end of said screw.

2,124,158
KNEE PAD
Douglas Fredrick Turner, Detroit, Mich.
Application November 30, 1937, Serial No. 177,341
3 Claims. (Cl. 2—24)



1. A knee pad of the class described comprising a substantially solid and comparatively hard rubber casing channel-shaped in cross sectional form, said casing being provided at one end with an opening, a sponge rubber lining for the casing, a pneumatic bladder in said casing and enveloping means for the bladder including a fabric jacket.

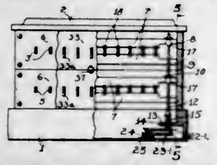
2,124,159
METHOD OF INCREASING THE BRILLIANCY OF PHOTOGRAPHIC PICTURES, AND COMPOSITION THEREFOR
Edith Weyde, Cologne-Niehl, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application May 17, 1934, Serial No. 726,185. In Germany May 24, 1933
7 Claims. (Cl. 95—88)

1. A method of increasing the brilliancy of photographic silver pictures which comprises exposing a silver halide emulsion, developing the latent image produced by exposure, and fixing said developed picture in a fixing bath containing mainly thiosulfate and a relatively small amount of a compound selected from the group consisting of 4-ethyl-thiochlorobenzoic acid, 4.4'-diamino-thiodiphenyl-5-sulfonic acid, thioaniline, 2.2'-diamino-diphenyl-disulfide, dithiocarbanilic acid, phenylthiourethane, thiobenzamide, thioacetanilide, dinitrophenylthiocyanate, ethyl-phenyl-dithiocarbamic acid, diphenylene sulfide, triphenyl-thiodicyanogen-diamidine. N-phenyl-S-cresyldithiourethane and tetranitrodiphenyldisulfide said compounds being capable of forming with a complex compound which is formed by thiosulfate and the small quantity of silver dissolved by the thiosulfate of the fixing bath, a colorless to weakly yellow precipitate which is less soluble in an excess of thiosulfate than is silver chloride and silver bromide.

2,124,160
CODE SETTING DEVICE FOR SIGNAL SYSTEMS
John H. Wheelock, Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y., a corporation of Massachusetts
Application February 28, 1936, Serial No. 66,279
4 Claims. (Cl. 177—380)

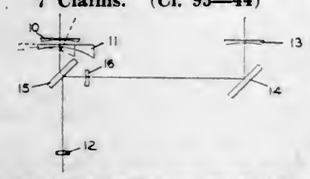
1. A code setting device, comprising a plurality of identical pivotally mounted code determining elements arranged in pairs lying in the same plane with opposed edges in spaced parallel relation, a plurality of different code setting members common to a series of pairs of said elements, with each member extending between the opposed spaced edges of said elements and providing projections for engaging and turning cer-

tain of said elements in response to longitudinal movement of said member, translating members and connections between said members and the elements of each pair, for converting turning



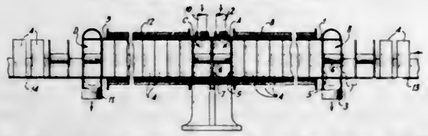
movement of said elements into rectilinear movement of said translating members in accordance with the arrangement of the projections on a code setting member.

2,124,161
FOCUSING CAMERA
Alan A. Cook, Rochester, and Otto E. Trautmann, Irondequoit, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application February 25, 1936, Serial No. 65,652
7 Claims. (Cl. 95—44)



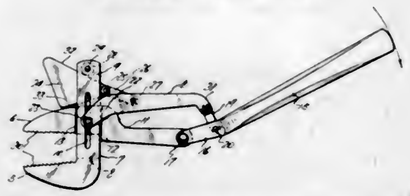
1. In a combined range and view finder, a pair of negative lenses in fixed, spaced parallel relation, means for directing the rays from one lens toward the axis of the other lens, an eye lens spaced rearwardly of said other lens, means for combining the rays from both negative lenses and directing the combined rays toward the eye lens, a second pair of negative lenses, one between each of said first pair of negative lenses and said ray combining means and means for shifting one of said second pair of negative lenses laterally.

2,124,162
CARBONIZING METALS FOR RADIO TUBES
Clifford Eddison, East Orange, and Emil Gideon Widell, Bloomfield, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application March 27, 1937, Serial No. 133,310
6 Claims. (Cl. 250—27.5)



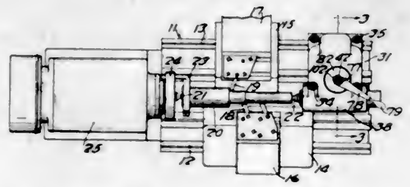
5. In the manufacture of radio tube metal parts the process of treating the parts comprising firing the parts in a carbonaceous gas to coat the parts with carbon, heating the carbon coated parts to a temperature below the decomposition temperature of water vapor in the presence of said parts and below 350° C., passing steam over the parts while the parts are heated to said temperature until impurities in said carbon and volatile in the steam are removed, and then cooling said parts to a temperature of about 100° C. in an atmosphere of steam.

2,124,163
WRENCH
Dewey J. Emanuel, Kearney, Nebr.
Application March 1, 1937, Serial No. 128,387
Renewed June 15, 1938
1 Claim. (Cl. 81—128)



In a wrench, a fixed jaw, a shank extended at right angles therefrom and having a cleft, the said shank also having aligned slots, a movable jaw having a shank slidably extended out through the said cleft at right angles to the fixed jaw shank, a handle pivotally connected to the shank of the movable jaw, a draw bar pivotally connected at one end to the handle, the other end of the draw bar being pivotally connected to the shank of the movable jaw through the slots in the shank of the fixed jaw, a triangular cam block connected to the draw bar and slidably mounted in the cleft in the shank of the fixed jaw, and a roller journaled in the said cleft and confining the cam block therein.

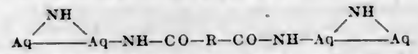
2,124,164
TAILSTOCK
Frank A. Fritzsch, Cincinnati, Ohio, assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio, a corporation of Ohio
Application July 11, 1935, Serial No. 30,870
7 Claims. (Cl. 82—31)



1. In a tailstock for heavy work, the combination of a bearing, a sleeve movable endwise thereof, a sleeve moving part having operative connection with said sleeve for moving the same endwise, a clamp for clamping said sleeve in endwise moved relation fixedly to said bearing, a tail center movable endwise in said sleeve arranged to engage the work operated on by the cutting means, a reluctantly yieldable resilient cushion consisting of chrome tanned leather between said tail center and said sleeve reluctantly yieldable in axial direction, and an operating part having operative connection with said sleeve moving part for moving said sleeve endwise for operative engagement between said tail center and the work and normal positioning of said reluctantly yieldable resilient cushion, said operating part having operative connection with said clamp for clamping said clamp after endwise moved relation of said sleeve, and said reluctantly yieldable resilient cushion reluctantly and resiliently yieldable after positioning solely to the expansive forces of the heavy work heated by coaction with the cutting means during such fixedly clamped relation of said sleeve.

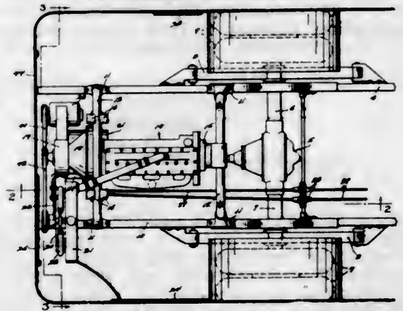
2,124,165
DYESTUFFS OF THE ANTHRIMIDE CARBAZOLE SERIES
Ralph N. Lulek, Milwaukee, and Clarence F. Belcher, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 18, 1934, Serial No. 726,293
4 Claims. (Cl. 260—46)

1. A compound of the general formula:



wherein R stands for an organic radical of an organic dicarboxylic acid and wherein the Aq's represent anthraquinone radicals, the anthraquinone acid imide linkages and the amino groups of the carbazole linkage all being attached to the anthraquinone radicals in alpha-positions.

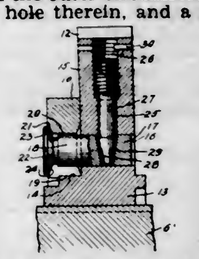
2,124,166
REAR-DRIVE MOTOR VEHICLE
Lloyd A. Mallett, Seattle, Wash., assignor to Kenworth Motor Truck Corporation, Seattle, Wash., a corporation of Washington
Application November 6, 1934, Serial No. 751,723
13 Claims. (Cl. 180—54)



1. In a rear-drive motor coach, in combination with the rear axle assembly including a differential, a motor supported in a plane above that of the differential and extending rearwardly therefrom, a transmission located below the motor in the approximate horizontal plane of the differential, connection from the motor to the transmission and from the transmission to the differential for transmitting power through the transmission to the differential, and means for controlling said transmission comprising longitudinally movable lever arms extending laterally from the transmission and mechanical means engaging the lever arms and extending therefrom to the forward end of the vehicle for shifting the lever arms.

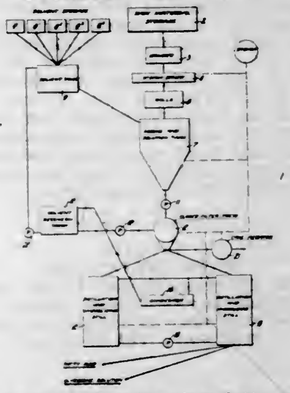
2,124,167
CAM MEANS
Donald H. Montgomery, West Hartford, Conn., assignor, by mesne assignments, to The New Britain Machine Company, New Britain, Conn., a corporation of Connecticut
Application June 13, 1936, Serial No. 84,985
11 Claims. (Cl. 74—567)

1. In a device of the character indicated, a disk-like support having a hub thereon, a cam fitting a part of said hub circumferentially, registering holes in said cam and support, said cam having a countersink in the outer surface thereof, a clamp member within said registering holes and having a tapered head fitting a part of said countersink whereby when said clamp member is drawn inwardly said cam will be forced onto said hub, a radial hole in said disk-like support extending from the outer circumferential surface thereof to the hole therein, and a pin threaded



in said radial hole and having a tapered end, said clamp member having an opening therein into which said tapered end fits and with one side of which opening it engages whereby when said pin is screwed down said clamp member will be drawn inwardly to urge said cam onto said hub and against said disk-like support.

2,124,168
METHOD OF PRODUCING GLYCERINE AND FATTY ACIDS
William H. Rees, Berkeley, Calif., assignor to El Dorado Oil Works, San Francisco, Calif., a corporation of California
Application October 17, 1934, Serial No. 748,640
8 Claims. (Cl. 87—4)

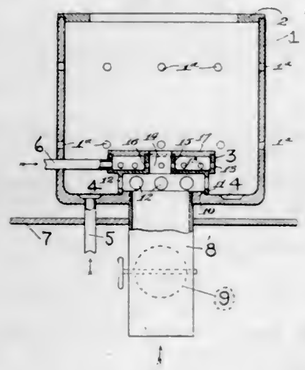


4. The process of extracting fatty acids and glycerine directly from oleaginous pulp material which comprises the steps of reducing the material to a finely divided paste having a low moisture content, adding a reagent to dissolve the oil content without removing the sugar and protein content of the material, said reagent comprising sulphuric acid, alcohol, a hydrolyzing catalyst, fatty acids and benzole, heating and agitating the mixture, filtering the liquid containing the oil in solution from the solid matter, adding water and heating the liquid to produce the fatty acids and glycerine.

2,124,169
OIL BURNER
James S. Sheafe, Casa Grande, Ariz., assignor to Sheafe Engineering Company, Inc., Chicago, Ill., a corporation of Illinois
Application April 1, 1936, Serial No. 72,063
3 Claims. (Cl. 158—56)

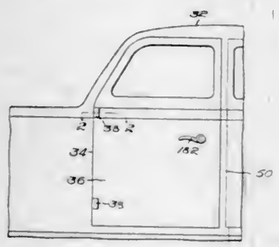
2. The combination with an open-topped bowl provided in its bottom with an air inlet opening

and a shallow water receiving channel formed in the upper surface of the bottom of said bowl around the air inlet opening therein, of a burner removably positioned within said bowl comprising a shallow receptacle having an upstanding perforated marginal wall, there being an opening in the center of the bottom of said burner body, an upstanding wall surrounding said opening there being openings formed through the lower portions of said upstanding wall, a plate removably positioned on top of the burner body



and covering the chamber between the marginal wall and the upstanding wall that surrounds the central opening, there being an opening in the center of said cover plate, which opening is in communication with the opening that is surrounded by said upstanding wall, means for delivering hydrocarbon to the chamber in the burner body, a flange depending from the bottom of said burner body, which flange rests on the bottom of said bowl and surrounds the central opening therein, and said depending flange being provided with a series of openings.

2,124,170
DOOR STRUCTURE
Charles W. Sherman, Boston, Mass., assignor to himself and Leo C. Waible, Boston, Mass.
Application November 21, 1936, Serial No. 112,120
49 Claims. (Cl. 296—44)

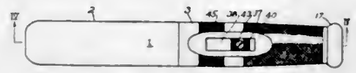


3. In a door structure, the combination of a body having a door opening, and a door normally closing said opening, said door comprising an inner part hinged to said body, an outer part carried by said inner part and overlapping a margin of said opening, and resiliently yieldable means connecting said parts and arranged to permit said inner part to move to its fully closed position when an obstruction is placed between said outer part and a margin of said opening.

2,124,171
MOTOR FUELS
Leroy G. Story, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application September 2, 1932. Serial No. 631,498
1 Claim. (Cl. 44—9)

In the treatment of cracked hydrocarbon distillates of the type obtained by cracking hydrocarbons which produce substantial quantities of phenolic substances in the cracked distillate, the steps of extracting the phenolic substances from the cracked distillate, subjecting the phenolic extract to fractional distillation thereby obtaining a fraction having improved inhibitor action, converting the phenolic compounds of said fraction into more highly effective inhibitor bodies of the class of polyhydroxy and aminohydroxy phenols by introducing into said phenols additional substituents of the class of amino and hydroxy, and re-adding said more highly effective inhibitor bodies to the distillate in sufficient quantity to substantially stabilize said distillate against gum formation.

2,124,172
TEAR GAS GUN
George F. Wildes, Pittsburgh, and Chester C. Gasparin, Millvale, Pa.
Application January 4, 1935, Serial No. 414
7 Claims. (Cl. 42—1)

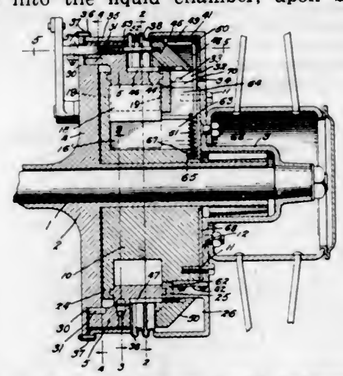


1. In a tear gas gun, a tubular grip or stock having an elongated slot in a wall thereof and adapted to be removably attached to a barrel and provided at its forward end with a breech block having an aperture therein, a sleeve behind the breech block, a firing pin disposed for movement through said aperture, a plunger having its forward end slidably disposed in said sleeve for actuating the firing pin, an actuating spring in said grip which is compressed when the plunger is retracted, a sear yieldingly mounted in said plunger and normally disposed within said sleeve and adapted to engage the end of said sleeve and hold the plunger in cocked position when the plunger is retracted thereto, an actuating means in said grip and operable through said slot for retracting the plunger and releasing the sear to fire the gun.

2,124,173
FLUID BRAKE
Abram H. Wood, White Hall, Md.
Application December 24, 1936, Serial No. 117,647
9 Claims. (Cl. 188—90)

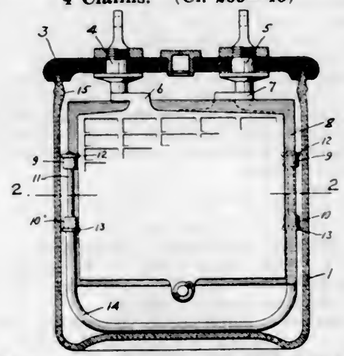
1. In combination with an auto vehicle wheel and axle housing, a fluid brake comprising a rotor rotatable with the wheel and a stator fixed with respect to the axle housing, said rotor including a cylindrical hub with side flanges and said stator including a ring embraced by said side flanges in fluid-tight manner, the inner face of said ring having opposite portions closely engaging said hub and having intermediate opposite portions off-set from said hub forming therewith liquid chambers, the capacity of which does not change in the normal relative rotation between said stator and rotor, vanes carried by the rotor at

symmetrical points, projectable to greater or less extent into the liquid chamber, upon braking



occasion, for constricting liquid between said stator and rotor, retarding the latter.

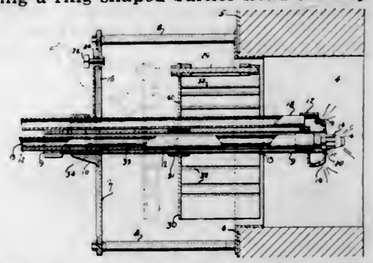
2,124,174
STORAGE BATTERY CHARGE INDICATING MEANS
Joseph Lester Woodbridge, Philadelphia, Pa., assignor to The Electric Storage Battery Company, Philadelphia, Pa., a corporation of New Jersey
Application November 28, 1936, Serial No. 113,161
4 Claims. (Cl. 265—45)



1. Means for indicating changes in the specific gravity of a liquid in a rectangular container having transparent walls, said means comprising a plurality of perforated bodies immersed in said liquid and of specific gravity intermediate the maximum and minimum specific gravity of the liquid, said bodies being located at opposite ends of a U-shaped supporting bar whose upturned ends pass loosely through the perforations in said bodies, said ends being located in diagonally opposite vertical angles of the container walls, the horizontal portion of the U-bar lying diagonally across the bottom of the container.

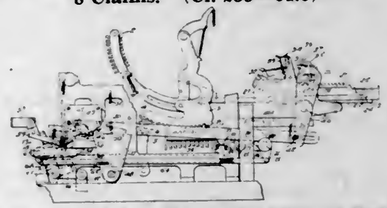
2,124,175
COMBINATION BURNER
John S. Zink, Tulsa, Okla.
Application October 28, 1936, Serial No. 108,101
7 Claims. (Cl. 158—11)

1. An oil and gas burning apparatus including a supporting plate, said plate having two adjacent ports, one of said ports being substantially in the center of said plate, an oil burner mounted in said centrally located port, a gas burner mounted in the other port, said gas burner including a ring shaped burner head encompassing



said oil burner, and each of said burners being independently removable from the combination without disturbance of the remaining burner.

2,124,176
SUB AND GRAND TOTAL MECHANISM
William W. Lasker, Brooklyn, N. Y., assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y., a corporation of Delaware
Application December 18, 1923, Serial No. 681,333
8 Claims. (Cl. 235—61.6)

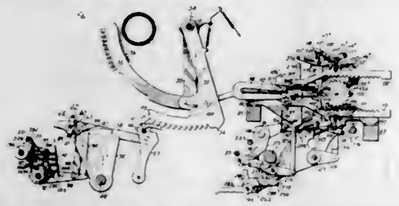


1. In a tabulator, the combination of first and second totalizers, a set of record card controlled racks for each totalizer, each set of racks being engageable by the corresponding totalizer, separate totalizer rocking mechanisms for engaging and disengaging the totalizers and the sets of racks, each of said mechanisms including a member for controlling the operation thereof, means normally causing each control member to condition the totalizer rocking mechanism controlled thereby to effect accumulating engagement between the corresponding totalizer and the set of racks engageable thereby, a mechanism adapted when held set during a cycle to cause the control members to so vary the operation of the totalizer rocking mechanisms that total-taking engagement between the first totalizer and the corresponding set of racks is effected and total-taking or accumulating engagement between the second totalizer and the corresponding set of racks is prevented, and record card controlled means for setting said settable mechanism and for holding it set for the duration of a cycle.

2,124,177
TABULATING MACHINE
William W. Lasker, Brooklyn, N. Y., and Charles Ruiz, Stamford, Conn., assignors to Remington Rand Inc., New York, N. Y., a corporation of Delaware
Application May 8, 1931, Serial No. 535,842
15 Claims. (Cl. 235—61.8)

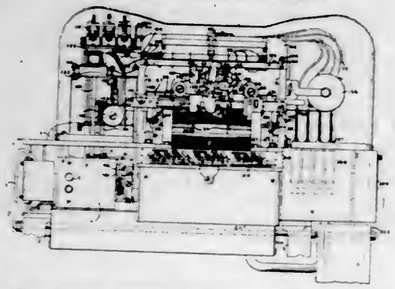
1. In a machine of the class described; the combination of an accumulator and actuators therefor; of timing mechanism for said accumulator normally adjusted for non-adding operations record controlled means including a shaft

and a spring-pressed latch operable thereby to modify the adjustment of said timing mechanism for an adding operation; and record controlled means including a second shaft for modifying the adjustment of said timing mechanism for a total taking operation.



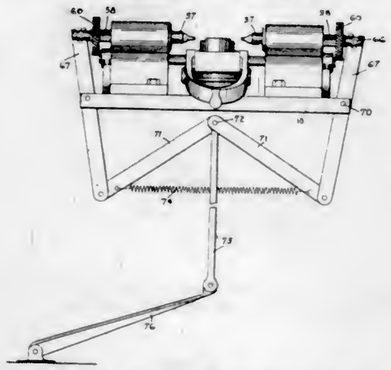
15. In a record controlled tabulating machine having an accumulator adapted to accumulate positive and negative amounts, members for entering positive and negative amounts in said accumulator and for taking the total therefrom, means for controlling the engagement of said accumulator and said members and normally arranged for causing accumulating engagement, and record controlled means to condition said last recited means for causing total taking engagement, the combination of means normally arranged to control the engaging means to cause a positive total to be taken when said engaging means is conditioned for total taking engagement, record controlled means to render said last recited means ineffective and to control said engaging means to cause a negative total to be taken, means settable under control of said accumulator in accordance with the sign of the amount thereon, and means controlled by said settable means to render said last recited record controlled means ineffective when the sign of the amount on said accumulator is positive.

2,124,178
STATISTICAL CARD PUNCH
William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application October 7, 1936, Serial No. 104,391
48 Claims. (Cl. 164—113)



1. In a gang punch mechanism, a set-bar field having a plurality of set-bars arranged in columns, a plurality of latching plates for each column of set-bars, a clearing lever for each latch plate member, means for disengaging said clearing levers from said latching members to prevent the clearing of data set in desired columns, and a spaceable carriage having a column of set-rods for setting data and erase mechanism for erasing data prior to the setting of desired data to permit the setting of new data in columns in which the clearing levers are disengaged.

2,124,179
PRINTING APPARATUS
Raphael Atti, Union City, N. J., assignor to Francis H. Richards, Inc., New York, N. Y., a corporation of New York
Application May 28, 1937, Serial No. 145,259
5 Claims. (Cl. 101—35)



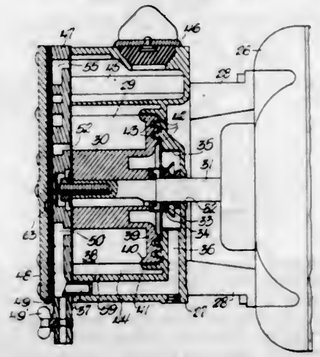
1. A machine for use in the carrying out of a printing operation at different locations on an article comprising a support for retaining said article in printing position, actuating plungers mounted for movement longitudinally of themselves, printing heads carried by said plungers and adapted to be moved along with such plungers toward each other and into printing engagement with said article at different locations thereon, and limit-adjusting means for varying the extent of movement of said heads toward each other and for correspondingly varying the degree of impingement of such heads on said article, said limit-adjusting means including stop elements adjustable on said plungers and abutment elements with which said stop elements are adapted to engage.

2,124,180
METAL RECOVERY PROCESS
Gustave E. Behr, New York, N. Y., assignor to National Lead Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application March 25, 1937, Serial No. 132,976
4 Claims. (Cl. 75—78)

1. In the process of removing tin from lead alloys by treatment with molten caustic soda and wherein the spent caustic reagent contains sodium stannate with or without other oxysalts, the improvement which consists in forming a sludge of such spent reagent, reacting on such sludge with calcium hydroxite at room temperature, thereby converting substantially all of the sodium stannate to calcium stannate, and separating the resulting liquor from the solid matter.

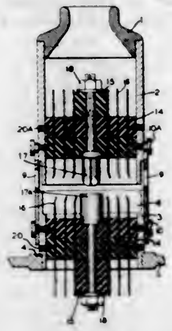
2,124,181
GAS PUMP
William F. Borgerd, Riverside, Fred L. McCune and Charles A. Uherek, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Original application December 29, 1934, Serial No. 759,690. Divided and this application July 25, 1936, Serial No. 92,486
10 Claims. (Cl. 230—79)

1. An air moving means comprising a casing, an impeller having radially extending blades mounted in the casing, means for continuously rotating said impeller, means for conducting a measured amount of liquid to the casing for sealing the impeller blades with respect to the casing, an inlet to the casing and an outlet therefrom through which air is circulated when the sealing liquid is



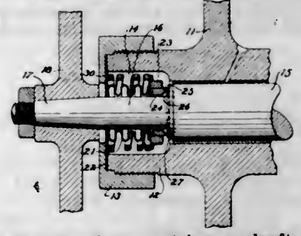
in the casing, said impeller during operation acting to agitate the liquid whereby a substantial part of it is carried away in a predetermined time thereby breaking the seal between the blades and the casing, and means effective when the seal is so broken to drain the remaining liquid from the casing.

2,124,182
MULTICONTACT PLUG
Karl J. Braun, Ridgewood, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application May 20, 1937, Serial No. 143,646
3 Claims. (Cl. 173—328)



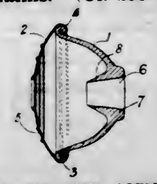
1. A multi-contact plug comprising a pair of shell members, a pair of spring-pressed latches carried by said shell members for latching said shell members together; and a pair of contact units, one for each shell member, secured in said shell members; each contact unit comprising a plurality of identical one-piece springy contact fingers formed with centrally located shoulders, a pair of contact insulating and retaining discs each formed with a plurality of countersunk holes arranged in rings about the center thereof for holding said contact fingers, an insulating collar for preventing short circuiting, and a centrally located contact for securing together the insulating pieces of said contact unit.

2,124,183
BEARING SEAL
Lindsay H. Browne, Pittsford, N. Y., assignor to Kellogg Compressor and Manufacturing Corporation, a corporation of New York
Application July 28, 1937, Serial No. 156,076
3 Claims. (Cl. 286—11)



1. A bearing seal comprising a shaft provided with a shoulder having an annular seal bearing surface formed by a peripheral chamfer portion and an inner annular undercut portion formed thereon, a housing having a hub and a bearing for said shaft, a seal for said shaft including a packing washer of synthetic rubber placed against said annular surface, a yieldable metallic washer placed against said first washer, a bellows member in said hub having a collar engaging said metallic washer, means for applying pressure to said collar to hold said washers and shaft in engagements whereby the inner and outer peripheral edges of the rubber washer may freely expand to permit uniform distribution of the packing material over the annular bearing surface, and means for clamping said sylphon bellows in said hub.

2,124,184
WATERING-CAN ROSE
James Robert Buchanan and Thomas William Watts, Manchester, England
Application July 16, 1937, Serial No. 153,988
In Great Britain September 2, 1936
3 Claims. (Cl. 299—102)

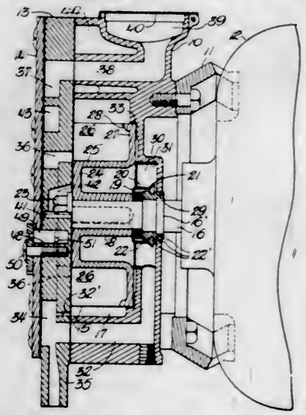


1. A watering-can rose comprising in combination a part of resilient material of substantially funnel shape the wall thickness of which is small relative to its size, an external peripheral bead on the said part, a second part of rigid material having spraying holes, and an inwardly turned peripheral flange completely preformed on the said second part before its assembly with the first named part for readily engaging and hooking annularly round the said external bead by distortion of the first named part.

2,124,185
PUMP
John Calling, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application August 24, 1936, Serial No. 97,495
9 Claims. (Cl. 230—79)

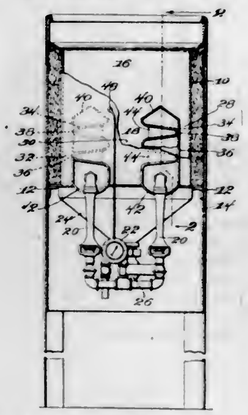
1. An air pump comprising a casing formed with an impeller chamber, an impeller formed

with circumferentially spaced radially projecting blades rotatably mounted in said chamber, said chamber being formed with an enlarged portion of a smooth contour adjacent one section of the impeller, an inlet conduit communicating with said chamber at the enlarged portion adjacent the inner ends of the impeller blades, a water chamber formed in the casing with its lower portion in gravity fed communication with the inlet conduit,



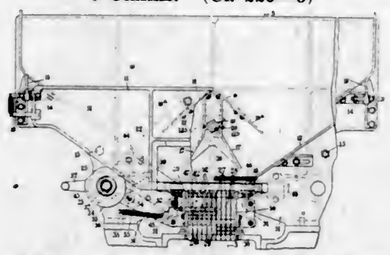
an air outlet conduit communicating with the impeller chamber adjacent the impeller blades in advance of the enlarged portion in the direction of rotation of the impeller and with the top of the water chamber, a water supply conduit extending downwardly from the top of the casing and communicating directly with the inlet conduit, and a discharge conduit communicating with the top of the water chamber.

2,124,186
FRYING APPARATUS
Kenneth L. Childs, New Haven, Conn.
Application December 4, 1936, Serial No. 114,146
11 Claims. (Cl. 53—7)



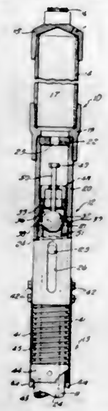
1. Heating apparatus having, in combination, a kettle, a corrugated sheet, one side of which is exposed to the interior of the kettle and a plane partition attached to unexposed ridges of the corrugated sheet to form with the sheet a parallel series of heating passages extending across the kettle.

2,124,187
CIGARETTE AND LIKE PACKING MACHINE
John Crighton, London, England, assignor to American Machine & Foundry Company, New York, N. Y., a corporation of New Jersey
Application November 18, 1936, Serial No. 111,422
In Great Britain November 20, 1935
6 Claims. (Cl. 226—5)



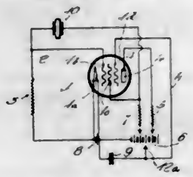
1. A hopper for supplying cigarettes or like shaped articles to a packing machine, said machine having a packing table provided with fixed, upright, compartment-forming vanes, said hopper having a vaned chute provided with passageways through which the articles are delivered to corresponding compartments on the packing table said compartments being of a depth to contain a predetermined number of articles, said chute being mounted for lateral reciprocation to move the passageways out of register with said compartments and into register with the upper ends of said fixed vanes, thereby to arrest the flow of articles through the chute, while the articles are removed axially from said compartments.

2,124,188
FLUID DUMPING APPARATUS
Clarence R. Dale, Los Angeles, Calif., assignor to Dale Service Corporation, Culver City, Calif., a corporation of California
Application June 1, 1937, Serial No. 145,778
17 Claims. (Cl. 166—19)



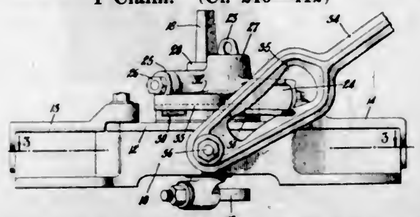
1. In an apparatus for dumping fluid within wells, a tubular body having a downwardly opening fluid outlet, an elongated tubular member extending below and movable vertically with relation to said body, said member having a discharge opening at its lower end, means carried by said member above said discharge opening for frictionally engaging a liner within the well, a valve normally closing said outlet, and valve control mechanism whereby relative vertical movement between said body and member opens said valve and causes fluid to be discharged from said outlet downwardly through the bore of said tubular member.

2,124,189
CONSTANT FREQUENCY OSCILLATOR SYSTEM
Jennings B. Dow, Alexandria, Va.
Application February 11, 1931, Serial No. 515,129
22 Claims. (Cl. 250—36)



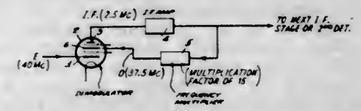
1. In an oscillation generator comprising an electron tube having a cathode element and two cold elements, a resonant circuit included in circuit between said cold elements, circuits interconnecting said elements and said resonant circuit for the generation of oscillations, the output circuit of said generator including in circuit an additional cold element and said cathode element, and means for electrostatically shielding said additional cold element from said first mentioned cold elements.

2,124,190
SWITCH STAND
Samuel L. Eastburn, Sloatsburg, N. Y., assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y., a corporation of Delaware
Application May 27, 1937, Serial No. 145,000
1 Claim. (Cl. 246—412)



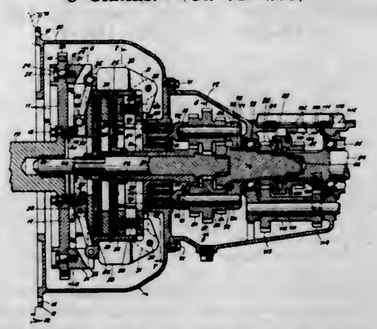
In a switch stand, a casing, a block journalled in said casing, spring devices in said casing for yieldably holding said block in any of four, predetermined rotary positions, a vertical shaft mounted in said block and casing and having means for connection to a switch, a sleeve secured to said vertical shaft and having a hinge ear, a drop lever comprising a forked portion straddling said sleeve and projecting ears embracing said first-mentioned ear, a horizontal pivot member passing through said ears, said drop lever carrying a seat, said sleeve carrying an abutment, a spring between said seat and abutment, said drop lever having a housing surrounding said spring, said block having a circular top provided with four slots into which said drop lever seat is adapted selectively to rest, a hand lever pivoted to said casing and having a cam slot through which said drop lever extends, said drop lever carrying, on either side, horizontally extending plate portions extending out from said housing and forked portion close above the corresponding slots, said plate portions having curved skirt portions concentric with said circular top and depending below the tops of the outer ends of said corresponding slots, said plate and skirt portions extending substantially from said projecting ears to the outer edge of said housing, said plate and skirt portions forming a protecting shroud loosely telescoping over said circular top and protecting the slots on either side of any slot in which said seat rests, said shroud having both vertical and circular movement with said drop lever.

2,124,191
DEMODULATION SYSTEM IN SUPERHETERODYNE RECEIVER
Max Geiger, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application September 25, 1936, Serial No. 102,475
In Germany October 23, 1935
3 Claims. (Cl. 250—20)



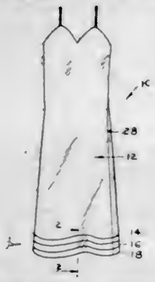
1. In the reception of signals by the superheterodyne principle, the method of demodulation which consists in collecting the received signal frequency, mixing the received signal frequency with a second frequency which results in an intermediate frequency, and deriving said second frequency by frequency multiplication of a portion of said intermediate frequency.

2,124,192
TRANSMISSION
John G. Hanson, Kenmore, N. Y., assignor to H and T Engineering Corporation, Kenmore, N. Y., a corporation of New York
Application February 3, 1936, Serial No. 62,015
8 Claims. (Cl. 74—260)



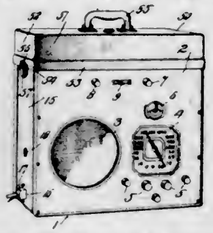
1. A transmission comprising: a low-speed gear train; a low-speed clutch disk connected to one end thereof; an intermediate-speed gear train; an intermediate-speed clutch disk connected to one end of said intermediate-speed gear train; a propeller shaft connected to the other ends of said gear trains; a drive shaft; a drum connected therewith; a two-faced gripping plate arranged between said clutch disks and provided with a slide pin; a one-faced gripping plate disposed adjacent the outer side of one of said clutch disks; means for actuating said one-faced gripping plate; and latching means arranged between said one-faced gripping plate and the slide pin.

2,124,193
GARMENT
Mary C. Hennessy, New York, N. Y.
Application February 18, 1938, Serial No. 191,136
2 Claims. (Cl. 2—243)



1. A skirted garment comprising a skirt portion of a desired length, said skirt portion having a finished outer hemmed edge, and a part adding to the length of the garment attached to and projecting downwardly beyond said hemmed edge, the upper marginal edge of said part being disposed in overlapping relation to said hemmed edge, and a line of chain stitching passing through said overlapped marginal edge of said part and through said hemmed edge and extending substantially parallel to said hemmed edge for securing said skirt portion and said part together, said hemmed edge being fastened by a line of permanent stitching therethrough independently of said added part, said line of chain stitching having its ends normally fastened in position and being removable from the garment to release said part from said skirt portion.

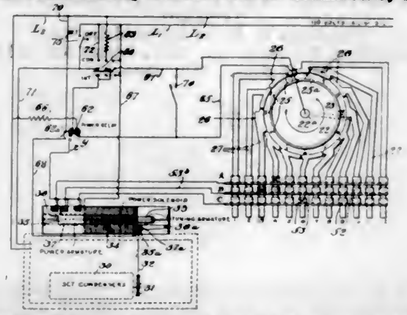
2,124,194
PORTABLE CABINET FOR COMBINATION RADIO, PHONOGRAPH, AND MICROPHONE
Leonard A. Herzig, Brooklyn, N. Y., assignor to Conquest Alliance Co., Inc., New York, N. Y., a corporation of New York
Application June 22, 1937, Serial No. 149,693
9 Claims. (Cl. 179—100.11)



1. In combination, a cabinet adapted to house a radio apparatus, said cabinet having a front radio control panel and having a top carrying a turntable post and pickup arm, a cover for said radio control panel, means for attaching said cover at either the front or back of said cabinet, and a top cover for said cabinet having means to engage and secure said first cover in place.

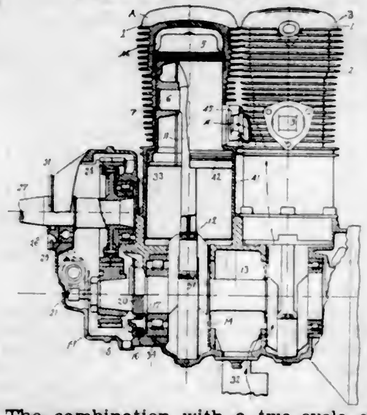
2,124,195
AUTOMATIC TUNING MEANS FOR RADIO SETS
John Thompson Jones, Great Neck, N. Y., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application April 17, 1928, Serial No. 270,652
28 Claims. (Cl. 250—20)

21. In a radio receiving set having a movable tuning element, in combination, an electrical motor device for actuating said element to any one of a plurality of predetermined broadcast wavelength positions, a plurality of electromagnetic position determining means associated with said motor device to determine the position to which said tuning element can be actuated by said



motor device, a series of electrical circuits associated with each of said plurality of position determining means, means for preselecting a desired sequence of operation of said circuits of each series at intervals corresponding to broadcast periods, and a clock operated mechanism for rendering said circuits of each series operative in accordance with the said preselected sequence.

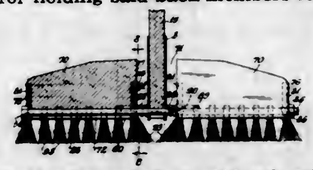
2,124,196
ENGINE
Edward Kottsieper, Bridgeport, Conn.
Application May 18, 1933, Serial No. 671,705
5 Claims. (Cl. 123—73)



2. The combination with a two-cycle engine, of a crank case having a wall therein, a crank shaft mounted adjacent to the wall, a disc mounted concentric with the crank shaft and lying flat against the wall, a resilient connection between the shaft and the disc, and means for drawing the disc away from the wall during one stroke of the engine and pressing the disc against the wall airtightly during the other stroke thereof.

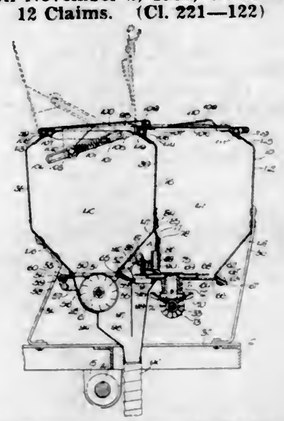
2,124,197
BROOM, BRUSH, AND THE LIKE
Werner Kraft, New York, N. Y.
Application May 28, 1937, Serial No. 145,171
4 Claims. (Cl. 306—19)

1. A brush comprising two bristles-provided solid back members having a common longitudinal axis of equilibrium, and each having a longitudinal cavity through at least part of its length below said axis, said back members being arranged at a distance to each other with a gap therebetween, an axle inserted into said cavities of said back members so as to bridge said gap, means for holding said back members together, a



handle holder journaled on said axle within said gap between said back members, and resilient means operative in opposite directions from said holder and bearing against said back members so as to create a frictional resistance to a relative movement of said back members and said handle holder.

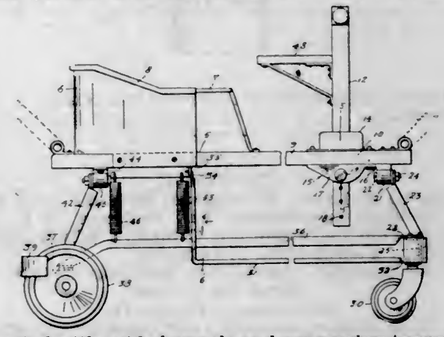
2,124,198
HOPPER CONSTRUCTION
George M. Kriegbaum and David M. Morris, Richmond, Ind., assignors to International Harvester Company, a corporation of New Jersey
Application November 2, 1936, Serial No. 108,744
12 Claims. (Cl. 221—122)



1. A dispensing unit formed of adjacent metal hoppers comprising three metal members which are substantially parallel over a portion of their lengths and of which the two outer members converge over a further portion and the middle member parallels one outer member over the said further portion, a plate extending in the same plane as the first named portion of the middle member from the meeting point of the portions, a closure member comprising an adjustable fertilizer-feeding mechanism carried by the second named portion of the inner member and the corresponding portion of the other outer member, and means for adjusting the fertilizer-feeding mechanism mounted in the space enclosed by the plate, the second named portion of the middle member and the closure member.

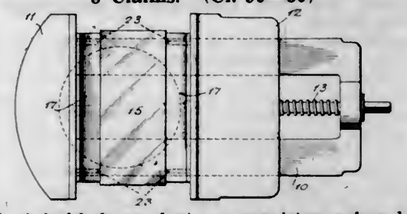
2,124,199
AMUSEMENT DEVICE
Charles W. Lamb, Buffalo, N. Y.
Application December 23, 1935, Serial No. 55,786
3 Claims. (Cl. 155—22)

3. In a wheeled toy of the class described, the combination of a seat board; spaced apart front and rear wheeled units for said board; centrally situated brackets mounted at the front and rear of said board on the under side thereof; means to pivotally mount said brackets to inwardly slanting brace members extending upwardly from said units; a reinforced bar extending from front wheeled unit to rear wheeled unit; spaced apart channels mounted longitudinally of the broader rear portion of said seat board; coil springs con-



nected with said channels and converging toward each other to be connected to said reinforced bar; a depending foot-supporting platform supported by said seat board and the front wheeled unit; means whereby the board may be adjusted vertically with respect to the wheeled units; and a handle post vertically mounted through said seat board said post being passed down through said seat board only and not connected with either of said wheeled units.

2,124,200
WORK HOLDER
Albert Lemieux, New York, N. Y.
Application May 6, 1937, Serial No. 141,029
8 Claims. (Cl. 90—60)

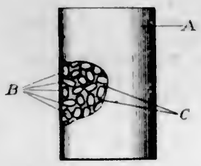


1. A hold down device comprising a bar having a base for mounting the device on a supporting surface in cooperative position to a piece of work to be held down on said surface by said device, said bar having a work-engaging edge, and means carried by said bar to maintain said edge in a raised position relative to said supporting surface so that said base will be inclined with respect thereto while being supported thereby.

2,124,201
EXPLOSIVE COMPOSITION AND PROCESS OF PRODUCTION
Harold A. Lewis, Brandywine Summit, and Clifford A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application September 15, 1934, Serial No. 744,100
10 Claims. (Cl. 52—14)

1. An explosive composition comprising an explosive matrix capable of sustaining propagation of the explosion upon initiation, and embed-

ded in said matrix, aggregates comprising ammonium nitrate intermingled with an oxygen ac-

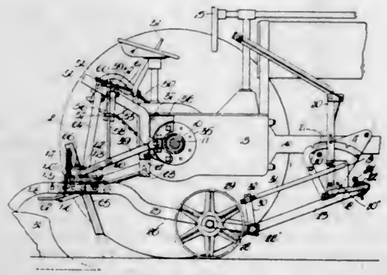


ceptor and compacted therewith to a density of at least 1.4.

2,124,202
EXPLOSIVE
Harold A. Lewis, Wilmington, Del., and Fred R. Wilson, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 3, 1936, Serial No. 113,998
10 Claims. (Cl. 52—11)

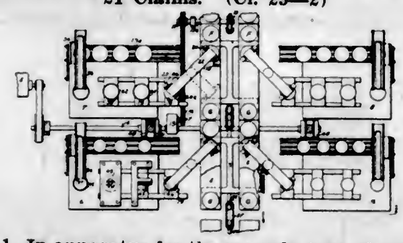
1. A water-resistant, semi-gelatinous ammonium nitrate dynamite containing at least one liquid explosive nitric ester colloided by means of nitrocellulose, a water-insoluble soap, and a composition comprising a relatively large proportion of coarse ammonium nitrate, said composition comprising a blend of relatively fine and relatively coarse particles, the finer particles being distributed in the interstices formed by the coarser particles, the total solid ingredients of said composition comprising greater than 30% fines.

2,124,203
TRACTOR PLOW
Alexus C. Lindgren, Chicago, and William S. Graham, Canton, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application August 24, 1936, Serial No. 97,534
11 Claims. (Cl. 97—47)



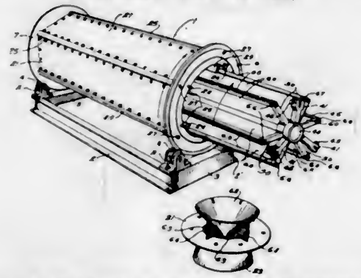
1. A tractor plow connection comprising the combination with a tractor of a forwardly extending draw-bar pivoted on the tractor for vertical adjustment, means on the tractor for adjusting the draw-bar, a bracket member movable with the draw-bar about the axis of the draw-bar, a ground working tool including a beam having its forward end flexibly coupled to the draw-bar, a rearwardly extending cranked axle journaled on the forward portion of the beam for swinging movement vertically, an upright arm fixed to the axle, and a link pivotally connecting said arm with the bracket member on the draw-bar.

2,124,204
METHOD AND APPARATUS FOR MANUFACTURING POTTERY WARE
William J. Miller, Swissvale, Pa.
Application May 29, 1936, Serial No. 82,440
21 Claims. (Cl. 25—2)



1. In apparatus for the manufacture of pottery ware, a conveyor for molds comprising a plurality of cars linked together for the directional travel thereof in spaced relation, a plurality of ware fabricating machines located adjacent the line of travel of said cars and means associated with said machines for automatically removing and replacing molds on said cars, each car having a plurality of mold supports arranged at different levels, diverse molds carried by said conveyor with corresponding molds carried by corresponding supports.

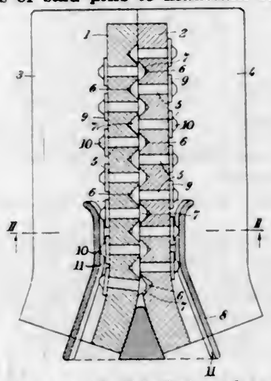
2,124,205
AMALGAMATOR
Harry W. Moir, Seattle, Wash., assignor to Robert Gillespie, Seattle, Wash.
Application February 16, 1937, Serial No. 125,983
12 Claims. (Cl. 209—54)



1. An amalgamator comprising a rotary, cylindrical drum provided at its opposite ends with receiving and discharge openings, and supported in position for turnover of material in its delivery through the drum, and quickened plates supported in the drum in planes radial thereof and spaced from the walls of the drum to recurrently receive the material thereagainst.

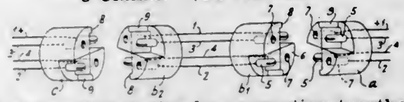
2,124,206
DUST-, GAS-, AND WATERPROOF SLIDING CLASP FASTENER FOR BOOTS AND OTHER ARTICLES
August Friedrich Mulka, Dortmund, Germany, assignor to Erich Krause, Berlin, Germany
Application July 13, 1937, Serial No. 153,346
In Germany October 16, 1934
5 Claims. (Cl. 24—205)

1. A sliding clasp fastener, comprising in combination two strips of elastic material, pins of non-elastic material fixed in said strips and arranged so that the pins in one strip are alternate with those in the other strip when the fastener is closed, each of said strips having indentations between said pins, heads on the inner ends of said pins, each of conical shape with a flat base and adapted to engage in a recess in the opposite strip when the fastener is closed, upset outer ends on said pins, a slide shiftable along said strips to open and close the fastener, side walls on said slide bearing tightly against the outer ends of said pins and each having a longitudinal groove adapted to receive said upset outer ends of said pins to maintain said pins in



the same plane, said slide being shaped to bend said strip apart and stretch the material on the inner edge thereof to allow the heads on the inner side of one strip to pass and engage under the heads on the inner side of the other strip, the flat bases of the conical heads of said pins on one strip overlapping and bearing against the flat bases of the heads of the pins on the other strip and forming therewith a straight line when the fastener is closed.

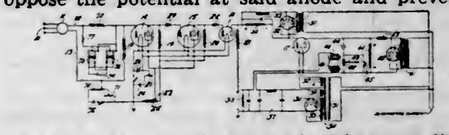
2,124,207
MULTIPLE CIRCUIT CONNECTER DEVICE
Carl Neesen, Berlin, Germany, assignor to Allegemeine Elektricitatz Gesellschaft, Berlin, Germany
Application September 9, 1936, Serial No. 99,936
In Germany September 16, 1935
3 Claims. (Cl. 173—332)



2. A coupling device for connecting together a plurality of conductor terminals comprising a pair of members, each being a duplicate of the other and each comprising a base portion, a pair of upright, substantially sector-shaped, diametrically opposed portions extending from and integral with the base portion, each sector-shaped portion having a socket contained therein, and a pair of plugs also diametrically opposed projecting from the base portion and located between the sector-shaped portions.

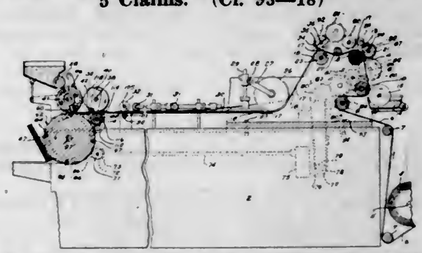
2,124,208
METHOD AND APPARATUS FOR AMPLIFYING AND RECORDING ELECTRICAL CURRENTS
Frank G. Paully, Newark, N. J., assignor to Hellige, Inc., New York, N. Y., a corporation of New York
Application February 15, 1934, Serial No. 711,361
5 Claims. (Cl. 128—2.06)

1. In an electrocardiograph and in combination, a multi-stage amplifier having a plurality of space discharge tubes connected in cascade, a pure resistance coupling between successive stages adapted to translate energy without time or phase change, said coupling comprising a resistance in the anode circuit of each tube and a source of grid biasing potential connected between each resistance and the grid of the following tube to oppose the potential at said anode and prevent



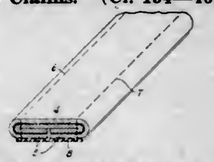
same from being applied to said grid, a recording device having a moving coil connected in the anode circuit of the last tube and a source of potential connected across said coil to oppose the flow of the constant component of the space current therethrough whereby said coil is prevented from overheating when in use, and means for supplying a current the characteristics of which are to be measured to the input of said amplifier.

2,124,209
PROCESS AND MACHINE FOR MAKING BAGS
George W. Poppe, Brooklyn, N. Y., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y., a corporation of New York
Application July 31, 1936, Serial No. 93,599
5 Claims. (Cl. 93—18)



2. In a bag machine, the combination with a former about which a web of paper is wrapped to form a bag tube, and feed rollers for advancing the tube; of means for perforating the web prior to folding thereof along lines which define a bag tube section after the web is folded, pinch bar mechanism operated at a greater peripheral speed than the feed rollers and acting to separate successive bag sections from the main tube, and means for subsequently bottoming the bag tube sections, said pinch bar mechanism acting to feed a severed bag section directly to the bottoming mechanism.

2,124,210
DECORATIVE MATERIAL
Karl E. Prindle, Shaker Heights, Ohio, assignor to The Dobeckmun Company, Cleveland, Ohio, a corporation of Ohio
Application November 27, 1937, Serial No. 176,886
8 Claims. (Cl. 154—46)



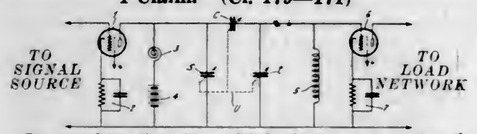
1. An article of manufacture comprising a stitched product in which at least one of the

stitched materials comprises a laminated material in which at least a sheet or film of a metal foil .0003 to .0007 of an inch in thickness is adhesively secured through the medium of a transparent adhesive to a coextensive transparent sheet or film of a rubber hydrohalide .00088 to .002 of an inch in thickness.

2,124,211
COMBINED AMPLIFICATION AND TUNING CONTROLS

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application October 17, 1934, Serial No. 748,610
1 Claim. (Cl. 179—171)

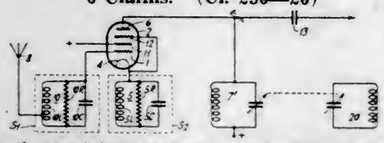


In combination in a high frequency network which comprises a first tube having an untuned plate circuit which includes a radio frequency choke and a shunt capacity, a second tube provided with a tunable circuit, a condenser coupling the plate circuit of the first tube to the tunable circuit, and means including a common control for simultaneously varying the value of said shunt capacity, coupling condenser and the tuning condenser of the tunable circuit whereby a uniform energy transfer is obtained over the tuning range of the network.

2,124,212
RADIO RECEIVER

Noël Meyer Rust, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware

Application December 12, 1936, Serial No. 115,475
In Great Britain December 10, 1935
6 Claims. (Cl. 250—20)



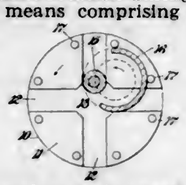
1. A receiving system comprising a coupling tube which constitutes the first tube of the system, a relatively highly damped resonant circuit connected between the input grid electrode and the cathode of said tube, a similar circuit connected to the cathode of said tube and included in a path common to both the grid-cathode circuit and the anode-cathode circuit, and a resonant circuit which constitutes the first variably tuned circuit of the system connected between the anode and cathode of said coupling tube.

2,124,213
INTERMITTENT GEARING

Jack Shackleton, London, England, assignor to American Machine & Foundry Company, New York, N. Y., a corporation of New Jersey

Application February 5, 1937, Serial No. 124,207
In Great Britain February 13, 1936
7 Claims. (Cl. 74—436)

1. An intermittent gear consisting of a Geneva drive mechanism comprising a rotary driving element having a driving projection, a rotary driven element having radial grooves into which the driving projection is adapted to engage over a period of a cycle which is greater than the rest period, and means for locking the driven member positively against rotation during the rest period, said locking means comprising a stop member

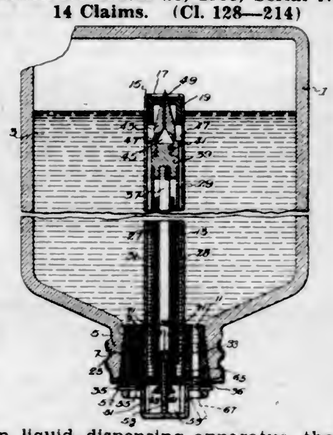


revoluble around an axis parallel with, and eccentric to, that of the driven member, and adapted to be engaged intermittently with a series of parts associated with the driven member and revoluble respectively in a circular path concentric therewith.

2,124,214
LIQUID DISPENSING APPARATUS

Henry Shapiro, Philadelphia, Pa., assignor of one-half to Samuel J. Becker, Philadelphia, Pa.

Application November 23, 1935, Serial No. 51,337
14 Claims. (Cl. 128—214)



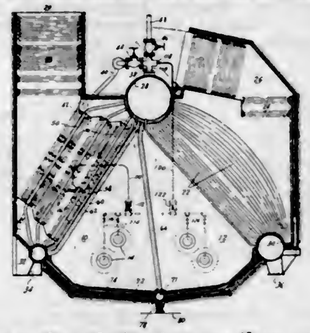
1. In liquid dispensing apparatus, the combination of a container, a tubular member extending thereinto, venting means within said tubular member for establishing communication between the atmosphere and the interior of said container, and air sterilizing means within said tubular member, said venting means being so constructed and so arranged within said tubular member as to cause the air to pass through said sterilizing means prior to entering into said container.

2,124,215
SUPERHEATER BOILER

Thomas B. Stillman, South Orange, N. J., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Original application July 12, 1935, Serial No. 30,950. Divided and this application July 31, 1937, Serial No. 156,637
4 Claims. (Cl. 122—473)

1. The method of operating a vapor generator having a plurality of groups of generating surfaces, at least one of which groups separates combustion spaces into independently fired chambers, one of which has an associated superheater, which comprises regulating the firing of the chamber with the superheater for desired vapor temperature, regulating the firing of the other chamber for desired pressure, and utilizing the products of combustion of each of the chambers

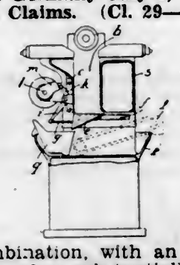


in heat transfer relation to more than one of the groups of generating surfaces.

2,124,216
LATHE

Karl Tessky, Esslingen-on-the-Necker, Germany

Application June 1, 1937, Serial No. 145,831
In Germany July 3, 1936
2 Claims. (Cl. 29—44)

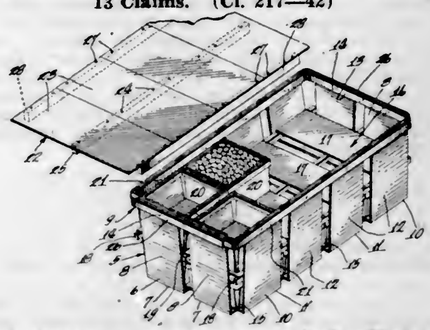


1. The combination, with an automatic one-spindle lathe, of a substantially vertically extending wall forming an open bed and a separate wall body spaced from and extending substantially in parallel to said wall, said wall body being arranged for ready mounting and dismounting on the lathe and, when mounted thereon, forming, together with said wall, a substantially vertically extending shaft adapted to guide the cuttings and workpieces.

2,124,217
PACKING RECEPTACLE FOR FILLED ARTICLE CONTAINERS

Lucius D. Van Benschoten, Berlin Heights, Ohio, assignor to The Berlin Fruit Box Company, Berlin Heights, Ohio, a corporation of Ohio

Application June 23, 1934, Serial No. 732,101
13 Claims. (Cl. 217—42)



1. A portable packing receptacle for filled article containers, comprising: a walled open-mouth receptacle formed to accommodate a plurality of filled open-mouthed article containers with their mouths substantially coinciding with the mouth of said receptacle; and closure means forming a common closure for said article containers and said receptacle, and having abutments spaced apart a less distance than the width of the mouth of said receptacle, and manipulable to engage the walls of said receptacle and to flex said walls, thus to snugly fix said containers against shifting in said receptacle.

2,124,218
PROCESS FOR THE MANUFACTURE OF DIIODOACETYLENE

Thomas H. Vaughn, Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

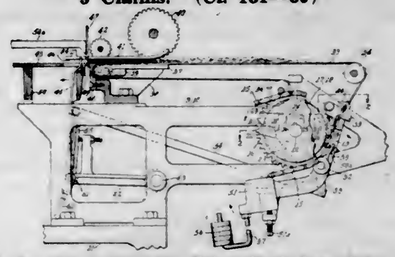
No Drawing. Application May 16, 1935, Serial No. 21,813
14 Claims. (Cl. 260—162)

1. The process of producing diiodoacetylene, which comprises the step of reacting a metal carbide with iodine in liquid ammonia, the said carbide being selected from the group consisting of the alkali metal carbides and the alkaline earth metal carbides.

2,124,219
CIGAR MACHINE BELT FEED CONTROL

Henry H. Wheeler, Brooklyn, N. Y., assignor to International Cigar Machinery Company, a corporation of New Jersey

Application January 9, 1934, Serial No. 705,967
Renewed May 7, 1937
5 Claims. (Cl. 131—39)



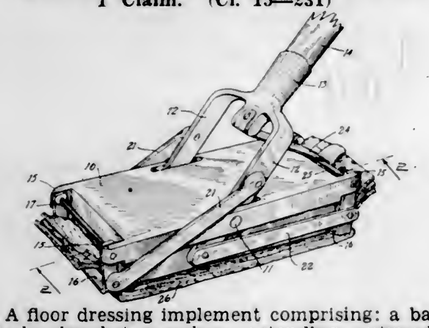
1. In an automatic filler feed for cigar machines, the combination with a continuously rotating driving member, of a shaft on which said driving member is loosely mounted, a friction roller-clutch connecting said driving member and shaft, and normally operative to drive said shaft, a feed drum fixed on said shaft, a filler feeding belt driven by said drum, means for receiving a charge of filler tobacco from said belt, a yielding member disposed in said means to be pushed by the tobacco delivered to said means by said belt, and mechanism connected to said yielding member for incapacitating said clutch when the charge of tobacco in said means attains a predetermined density, said clutch including a driven member fixed on said shaft and provided with triangular notches in its periphery, a collar on said driving member surrounding said driven member, a ratchet loosely mounted on said shaft, rollers disposed in said notches and carried by said ratchet, and a tension spring connected to said driven member and ratchet and normally holding the ratchet in position to cause said rollers to jam between said collar and notches, and said mechanism including a pawl adapted to en-

gage said ratchet, and a counter-weighted trip connected to said yielding member and adapted to hold said pawl out of engagement with said ratchet until the pressure of the tobacco on said yielding member is sufficient to overcome the resistance of said trip and swing the latter away from said pawl, whereby the pawl will engage said ratchet to stop its rotation and thus free said rollers from said collar and stop the rotation of said shaft.

2,124,220

SHEET HOLDER FOR MOPS AND THE LIKE

Roger Gregory Winston, Victor, Colo.
Application May 24, 1937, Serial No. 144,389
1 Claim. (Cl. 15—231)

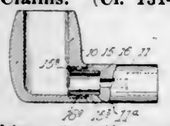


A floor dressing implement comprising: a base block; bracket members extending outwardly from each extremity of said block; U-shaped clamping members hingedly suspended from said bracket members at each extremity of said block so that they may be swung inwardly against said block to clamp a flexible sheet across the bottom thereof; an inverted U-shaped yoke the legs of which extend downwardly over each side of said block; pivot means securing the arms of said yoke to the sides of said block; links securing the U-shaped clamping member at one extremity of said block to the legs of said yoke above said pivot means and the clamping member at the other extremity of said block to the leg below said pivot means; means for securing a handle to said yoke; and means for locking said handle at any desired angle.

2,124,221

TOBACCO PIPE

Samuel M. Jackson Jacobs, New York, N. Y.
Application October 30, 1935, Serial No. 47,373
3 Claims. (Cl. 131—12)

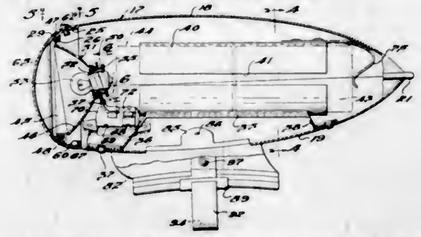


1. In a smoking pipe, the combination with a bowl having an opening passing through the wall of the bowl adjacent the bottom thereof, of a pipe stem having a bore, a male metal member fixed to said stem, said member having a portion arranged to removably fit within said opening whereby said opening affords a cleaning window opening directly on the bottom of the bowl, and a coacting female sleeve fixed in said bowl opening and locking parts on said male member and female sleeve, said locking parts being adapted to detachably engage each other, said male member being hollow and greater in diameter than said bore and extending into said stem for a substantial distance back from the end thereof to provide a well for a moisture absorbing cavity.

2,124,222

BICYCLE LAMP

Lee M. Wiley, Marion, Ind., assignor to Delta Electric Company, a corporation of Indiana
Application May 16, 1936, Serial No. 80,074
6 Claims. (Cl. 240—7.55)

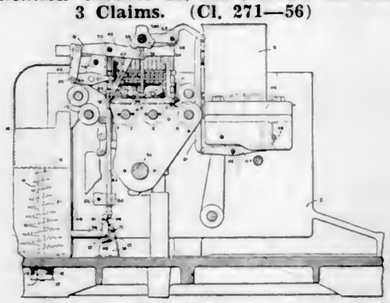


1. An electric bicycle lamp unit comprising an elongated casing open at one end and a dry cell holder contained within said casing and supported in spaced relation to the walls of said casing for free expansion therein, means permanently fixing said holder in said casing, said holder being slotted to permit expansion and ready removal through one end of the holder of exhausted dry cells held therein without removal of said holder from said casing.

2,124,223

TABULATING MACHINE

George J. Zaengle, Kenmore, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application October 15, 1937, Serial No. 169,205
3 Claims. (Cl. 271—56)



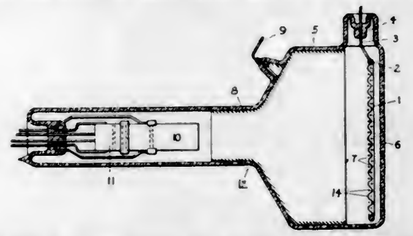
1. In a tabulating machine controlled by record cards passed through said machine, the combination of feed mechanism for moving said record cards through said machine, a receiving pocket to which said cards are conveyed by said feed mechanism, a floating plate in said pocket movable by an accumulation of said cards, means for interrupting the operation of said card feeding means, means spring-urged to effective position for conditioning said interrupting means for operation, means for latching said conditioning means in ineffective position, and means operable by said floating plate for disabling said latching means when a predetermined number of cards has accumulated.

2,124,224

ELECTRONIC TUBE

John C. Batchelor, New York, N. Y.
Application February 1, 1935, Serial No. 4,494
4 Claims. (Cl. 250—27.5)

1. In a cathode ray tube, a fluorescent screen, an electron gun whereby an electron beam may be caused to impinge said screen, said screen comprising a member formed of heat conductive material and having openings therein and fluorescent material in said openings, a portion of the

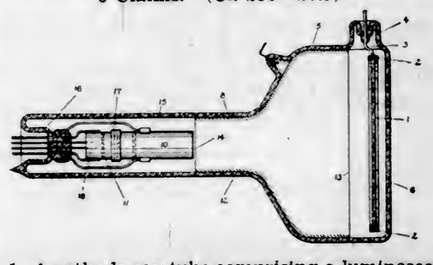


surface of said member being exposed to electronic bombardment from said electron beam whereby secondary electrons may be drawn from said fluorescent material.

2,124,225

LUMINESCENT SCREEN

John C. Batchelor, New York, N. Y.
Application February 14, 1935, Serial No. 6,443
6 Claims. (Cl. 250—27.5)

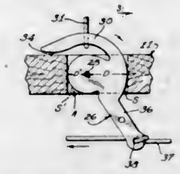


1. A cathode ray tube comprising a luminescent screen, an electron gun whereby electrons may be caused to impinge said screen, said tube adapted to permit said screen to be viewed on the side remote from said gun, said screen characterized in that the transparency of said screen to light of the color of fluorescence of said screen is different from the transparency of said screen to light of the color of phosphorescence of said screen.

2,124,226

TOP FASTENER FOR CASEMENT WINDOWS

John Belanger, Los Angeles, Calif.
Application January 31, 1936, Serial No. 61,655
6 Claims. (Cl. 292—95)

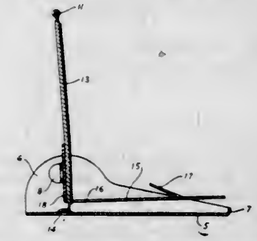


6. For use in locking window closures having a fastener member receiving opening therein: a fastener member pivotally mounted within the opening in the window closure, said fastener member comprising an intermediate portion forming a closure for the opening in the window closure, an eccentric hook on said plate member projecting from one side of the opening in the window closure and a handle on said plate member projecting from the other side of the opening in said window closure, said intermediate portion having opposite edges extending to the sides of the opening in said window closure, said edges being formed on two arcs having as a common center the pivotal axis of said member, but having different radii.

2,124,227

TRAP

Michael Bilinski, Ottawa, Ontario, Canada
Application November 24, 1936, Serial No. 112,559
5 Claims. (Cl. 43—81)

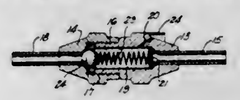


1. A trap comprising a base with upturned sides, stops struck in from said sides, a U-shaped striking member with outturned ends pivoted in said upturned sides, and an angle platform overlying said base with an upturned end between the outturned ends of said striking member and said stops.

2,124,228

AIR INLET DEVICE FOR INTERNAL COMBUSTION ENGINES

Magnus Boettcher, Milwaukee, Wis.
Application March 1, 1937, Serial No. 128,375
2 Claims. (Cl. 123—124)



2. An air inlet device for internal combustion engines having a tubular vacuum line leading from the intake manifold to the windshield wiper motor or other auxiliary device comprising a small tubular fitting having tubular connecting extensions projecting from opposite ends thereof and in substantial alinement with each other and with the axis of the fitting, said extensions providing for quick connection of the fitting in said vacuum line to be supported solely thereby from each end of the fitting, there being an air inlet opening communicating with the fitting between said alined connecting extensions, a ball valve in said fitting, and a spring normally urging said ball toward the end of the fitting away from the air inlet, said ball tending to produce a balanced vacuum condition in the fitting.

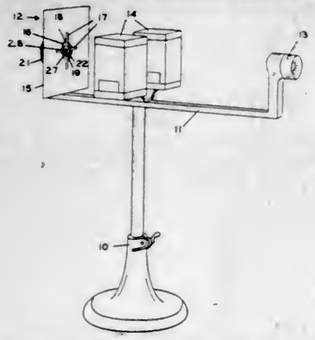
2,124,229

CENTRAL VISION SCOTOMETER

Clarence Errol Ferree and Gertrude Rand Ferree, Baltimore, Md.
Application March 28, 1935, Serial No. 13,430
7 Claims. (Cl. 88—20)

1. In an apparatus of the character described, a test object comprising an apertured plate of neutral gray shade, means for guiding fixation toward the aperture in said plate, a second plate movably mounted behind said first plate, a

colored section on said second plate, a neutral gray section on said second plate, said gray section giving the same brightness stimulus as said



colored section, and means for moving said second plate to selectively bring either section into alignment with the aperture in said apertured plate.

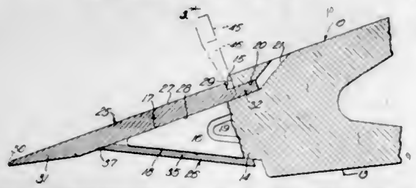
2,124,230

DETACHABLE POINT FOR EARTH DIGGING TEETH

Chester C. Hosmer, Long Beach, and Ernie L. Launder, Montebello, Calif., assignors to H. and L. Corporation, Huntington Park, Calif., a corporation of California

Continuation of application Serial No. 744,330, September 17, 1934. This application March 8, 1937, Serial No. 129,582

14 Claims. (Cl. 37—142)



13. In combination, a digging tooth having an outer face and a lug protruding forwardly from said outer face and spaced below the upper side of the tooth, and a point for the tooth comprising a spike body for bearing against the upper side of the lug, and a housing of material softer than the spike body integrally secured to the under side of the spike body and including a lower wall for engaging the under side of the lug and side walls indented to grip the opposite sides of the lug on an axis transverse of the point and of the direction of the major forces tending to move the point on the lug when the structure is operating, the inner end of the spike body opposing and being substantially parallel with said outer face of the tooth.

2,124,231

CIGARETTE CASE

Harvey G. Kittredge and Frank W. Williams, Dayton, Ohio, assignors to Foilfilm, Inc., Dayton, Ohio, a corporation of Ohio

Application February 23, 1935, Serial No. 7,792

4 Claims. (Cl. 229—87)

1. A new article of manufacture for use as a moistureproof package consisting of a non-hygroscopic transparent, flexible film adherent to metal under the application of heat, having uncovered areas and areas covered by metal foil integrated therewith whereby a package can be



formed having transparent portions and metal foil covered portions.

2,124,232

METAL FOIL

Harvey G. Kittredge and Frank W. Williams, Dayton, Ohio, assignors to Foilfilm, Inc., Dayton, Ohio, a corporation of Ohio

No Drawing. Application October 21, 1935, Serial No. 45,966

10 Claims. (Cl. 91—68)

1. In combination, an alkyd resin, a condensation resin of formaldehyde with aromatic sulfonamides, linoleate of lead, and wax intimately applied to metal foil.

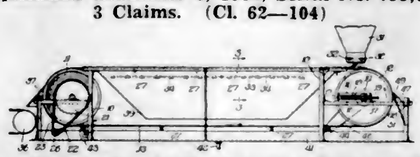
2,124,233

TREATMENT OF CALCIUM MAGNESIUM CHLORIDE

Peter R. Martin, Chicago, Ill., assignor to Fuel Treating Products Co., Chicago, Ill.

Application December 3, 1934, Serial No. 755,746

3 Claims. (Cl. 62—104)



1. The herein described apparatus for treating calcium magnesium chloride and similar hygroscopic materials to solidify them which comprises a pair of pulleys, a relatively wide and long endless metal belt extending around said pulleys, means for driving said pulleys to continuously advance the belt, means for applying a layer of the material to be treated to the belt adjacent one of said pulleys, means for supplying a cooling liquid onto the surface of said belt below the position occupied by said material, and means for causing said cooling liquid to be discharged on to another portion of said belt whereby to pre-cool the same before the application of the material to such portion.

2,124,234

REFRIGERATING APPARATUS

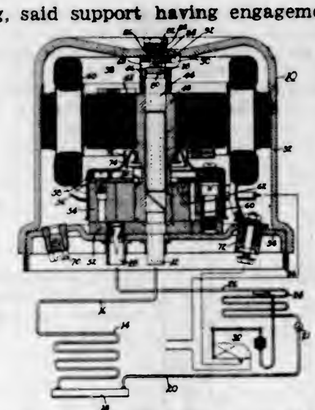
Alex A. McCormack, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application November 30, 1934, Serial No. 755,384

6 Claims. (Cl. 230—139)

3. A hermetically sealed motor-compressor unit comprising in combination a plate-like base member, an upright stationary shaft bonded to said base member, a dome-like housing assembled to said base member to form a hermetically sealed casing, a motor and compressor within said casing and including a hollow rotary shaft journaled on said stationary shaft, said compressor including a cylinder secured to said base member and surrounding said stationary shaft and a laterally adjustable support within said casing for the upper end of said stationary shaft secured to the

housing, said support having engagement with



the stationary shaft through a limited distance axially of the shaft.

2,124,235

COMPOSITIONS OF MATTER

Martin Mueller-Cunradi, Michael Otto, Walter Daniel, and Robert Werner, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application July 3, 1934, Serial No. 733,626. In Germany July 8, 1933

1 Claim. (Cl. 49—81)

Safety glass comprising a plurality of glass sheets combined with each other by means of a layer essentially comprising an isobutylene polymer having a molecular weight of at least about 1000.

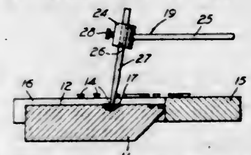
2,124,236

METHOD USEFUL IN THE MANUFACTURE OF TOOLS AND THE LIKE

John B. Ragsdale, Whittier, and Robert G. Goodwin, Fullerton, Calif., assignors to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California

Application April 27, 1935, Serial No. 18,542

3 Claims. (Cl. 76—108)



1. The method of setting bodies of hard cutting material in a cutting part comprising heating the cutting part, heating a body of hard cutting material by heat given off by the cutting part, making a puddle of a portion of the cutting part by subjecting it to a melting temperature, and then placing the heated body in the puddle.

2,124,237

PROCESS FOR PRODUCING CONDENSATION PRODUCTS OF THE ANTHRAQUINONE SERIES

Heinz Scheyer, Frankfort-on-the-Main, and Emil Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application May 6, 1936, Serial No. 78,224. In Germany May 16, 1935

1 Claim. (Cl. 260—60)

A process for producing condensation products of the anthraquinone series which comprises acting in a basic organic solvent and in the presence of strong alkaline acting condensing agents with primary amines of the benzene, naphthalene and anthraquinone series on 1,2-benzanthrene-7,12-diones.

2,124,238

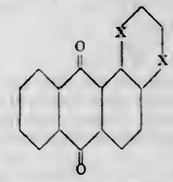
PROCESS FOR PRODUCING PYRIDINO-ANTHRAQUINONE DERIVATIVES AND PRODUCTS THEREOF

Heinz Scheyer, Frankfort-on-the-Main, and Emil Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Original application May 6, 1936, Serial No. 78,224. Divided and this application October 2, 1937, Serial No. 167,022. In Germany May 16, 1935

3 Claims. (Cl. 260—40)

1. A process for producing condensation products of the anthraquinone series which comprises acting in an organic solvent and in the presence of strong alkaline acting agents with primary amines of the benzene, naphthalene and anthraquinone series on pyridino-anthraquinones of the general formula:



wherein one X stands for CH and the other X stands for N.

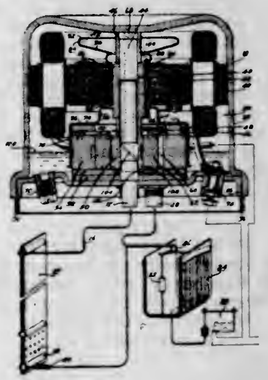
2,124,239

REFRIGERATING APPARATUS

Rolf M. Smith, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application December 24, 1934, Serial No. 758,871

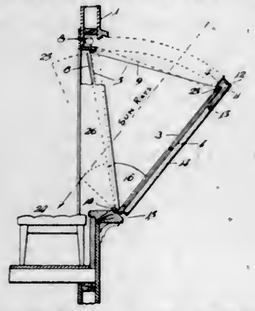
5 Claims. (Cl. 230—207)



1. In a hermetically sealed motor-compressor unit, the combination of a vertical shaft, a compressor, a motor, and a bearing associated with said shaft, a main body of lubricant, means for feeding lubricant upwardly from said main body through said bearing, means for collecting the lubricant overflowing from said bearing above said main body, and means for feeding a portion of the

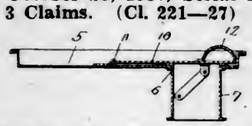
collected lubricant to the compressor independently of said main body at a predetermined rate, means for collecting the remainder of the lubricant overflowing said first collecting means and for storing a predetermined quantity thereof under centrifugal force during operation of the unit, and means whereby the lubricant thus stored may feed by gravity to the compressor when the unit stops.

2,124,240
SOLAR WINDOW
James Madison Thorp, Alameda, Calif.
Application October 17, 1936, Serial No. 106,142
5 Claims. (Cl. 20—40)



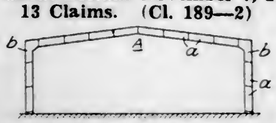
4. In solar windows, an outwardly tilting frame having non-flexible end closures, a glazed sash pivoted within said frame and means for tilting and balancing the frame and sash collectively or independently.

2,124,241
POURING SPOUT
Irvin L. Arb, Adrian, Tex.
Application October 25, 1937, Serial No. 170,930
3 Claims. (Cl. 221—27)



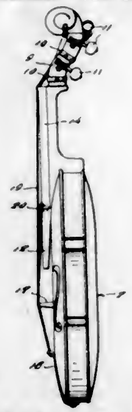
1. A pouring spout comprising in combination a lid having an opening therein, a spout mounted for sliding movement through said opening and a combined cover and manipulating plate for said spout, said plate being hingedly connected at one end to the central portion of the lid and having its free end adapted to lie flatly upon the lid in overlying relation with respect to the outer end of the spout and means connecting said plate to said spout.

2,124,242
PORTABLE BUILDING
Norman Stuart Bellman, London, England
Application October 6, 1936, Serial No. 104,291
In Great Britain November 7, 1935
13 Claims. (Cl. 189—2)



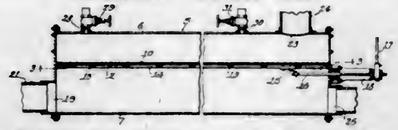
1. In a shed having two side walls and a low pitched roof, the combination of sectional units of rhomboidal shape, assembled to form side wall stanchions, and similar sectional units of rhomboidal shape, assembled to form roof principals.

2,124,243
VIOLIN
Areyon C. Carter, and Anderson Carter, Clinton, N. C.
Application November 27, 1936, Serial No. 113,064
5 Claims. (Cl. 84—274)



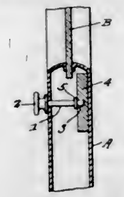
1. A violin of the class described comprising a body, a tail piece connected to one end of the body, a neck connected to the opposite end thereof, a bridge on the body between the tail piece and neck, said neck being provided at its outer end with a peg box, a plurality of individually usable tuning pegs mounted in said box, said pegs including main and auxiliary species, said neck being provided with a hollow finger board of a predetermined longitudinal playing range, the hollow portion of said finger board being open at opposite ends, an auxiliary bridge built into the finger board adjacent the inner open end thereof, a plurality of main and auxiliary strings, said auxiliary strings being attached to the tail piece, trained over said main bridge and then over said auxiliary bridge, said auxiliary strings extending through the hollow portion of the finger board and through and beyond the outer open end thereof where they are connected with their respective tuning pegs, the effective vibratory length of said auxiliary strings being between said bridges and therefore beyond the normal playing range of the main strings, said main strings being attached to the tail piece, trained over said main bridge and being disposed above the finger board with their tunable ends connected with their respective tuning pegs, all of said strings being affected by the bow at the discretion of the performer and said main strings being fingered in conjunction with the underlying finger board.

2,124,244
SCALE TRAP
Frank Earl Chernosky, Corpus Christi, Tex.
Application October 3, 1936, Serial No. 103,948
3 Claims. (Cl. 210—152)



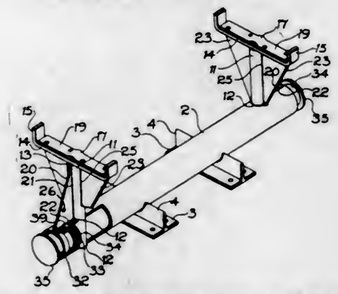
1. A trap for removing scale from fluid conducting lines, comprising a horizontal body portion positioned in the fluid line, a perforated plate dividing the body portion into upper and lower compartments, guideways disposed longitudinally of the body portion at opposite side edges of the perforated plate, a scraper including a bar extending throughout substantially the entire length of the plate, scraping blades secured to the bar and disposed transversely thereof in spaced relation with each other, the ends of the scraping blades being disposed in the guideways, said blades closely engaging the lower surface of the perforated plate, and means for moving the scraping blades longitudinally of the plate, removing material from the plate.

2,124,245
WINDOW LOCK FOR AUTOMOBILES
Ruth Fulmer Christman, Topeka, Kans.
Application October 7, 1937, Serial No. 167,820
1 Claim. (Cl. 292—145)



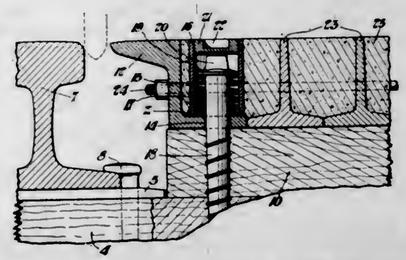
Means for preventing the lowering of a window of an automobile door comprising a panel attached to the inner face of the outer wall of the door slightly under the bottom wall of the window opening and outwardly of the path of movement of the window, said panel having a hole therein, a bolt slidingly passing through the inner wall of the door, a head on the inner end of the bolt, the other end of the bolt engaging the hole in the panel when the bolt is in operative position extending across the path of movement of the window and a collar on the bolt for engaging the inner wall of the door for preventing entire withdrawal of the bolt from the door.

2,124,246
RAIL TRUCK
Otto Martin Ebell, Maraisburg, Union of South Africa, assignor of one-half to Couzin & Attwood (Proprietary) Limited, Johannesburg, Transvaal Province, Union of South Africa
Application January 21, 1937, Serial No. 121,686
In Union of South Africa August 21, 1936
14 Claims. (Cl. 105—264)



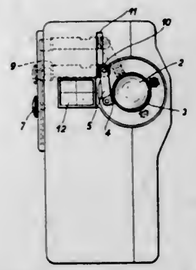
1. A chassis for a tipping truck of the kind described, comprising a single straight longitudinal member of tubular cross-section, means welded to said member for supporting it on wheel axles, and body supporting posts passing through the longitudinal member intersecting it each at two points and welded thereto at the intersections.

2,124,247
RAIL CROSS-OVER
Frank E. Fey, Portland, Oreg.
Application November 9, 1936, Serial No. 109,969
2 Claims. (Cl. 238—8)



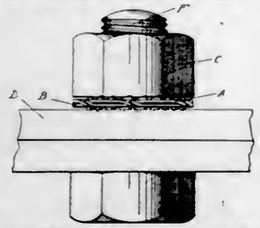
1. A rail crossing comprising at least one rail tie disposed on the road-bed, at least one rail mounted on said rail tie, a crossing unit resting on said rail tie and said road-bed, and fastening means connecting said crossing unit to said rail tie, said fastening means being constructed and arranged to permit the downward movement of said rail tie relative to said crossing unit.

2,124,248
CAMERA DIAPHRAGM ADJUSTING AND INDICATING MECHANISM
Leo Fränkel, Vienna, Austria, assignor to Lampen-und Metallwarenfabrieken R. Ditmar Gebruder Brunner A. G., Vienna, Austria, a company of Austria
Application November 13, 1935, Serial No. 49,629
In Austria November 22, 1934
2 Claims. (Cl. 88—16)



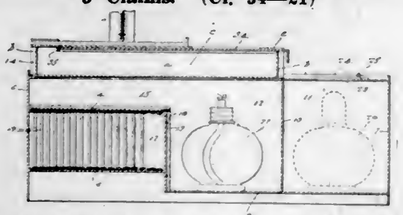
1. A diaphragm control and indicating device for cinematographic cameras adapted to make exposure while held in the operator's hands, and having a view finder provided with an eye-piece, and having a diaphragm provided with an adjusting ring member, comprising an indicating device showing the position of the diaphragm in the field of view of the operator with his eye in position to observe through the eye-piece of the view finder, a hand operated diaphragm ring adjusting mechanism arranged in the vicinity of the front wall of the camera comprising a substantially rectilinear guide, and a slide adapted to follow said guide, and a motion transmitting element interposed between and interconnecting said slide and the diaphragm adjusting ring and movable relatively to said diaphragm ring, said motion transmitting mechanism converting the rectilinear motion of the guide into rotary motion of the diaphragm ring.

2,124,249
LOCKING WASHER FOR NUTS
Igino Guiducci, Tivoli, Italy
Application August 13, 1935, Serial No. 36,023
In Italy October 17, 1934
2 Claims. (Cl. 151—35)



2. A locking device composed of two oppositely disposed identical washers, each washer including an annular body, a series of spring tongues extending circumferentially in one direction and having the ends thereof deflected laterally of one face of the body, a series of biting teeth projecting from the opposite face of the body and facing in the same circumferential direction as said tongues, the teeth of the respective washers being adapted to grip the work and the nut whereby one washer is rotated relative to the other and the spring tongues snap past one another during advance of the nut, said tongues interlocking with each other to limit retrograde movement of the nut.

2,124,250
BACTERIA PLATE CABINET
Merritt C. Hoag, Johnsonville, N. Y.
Application June 28, 1937, Serial No. 150,879
3 Claims. (Cl. 34—21)

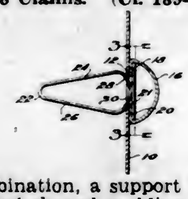


3. A cabinet structure of the character described comprising a box-like structure having a vertical partition dividing the interior of the box-like structure into a specimen plate racking chamber and a heating unit chamber, and a boiler disposed over the said heating unit chamber, a slide over the said boiler, and rows of marks of equi-distant spaced relation on the said slide, and slide members mounted on the cabinet one over each row of marks on the said slides, and guides for the slide members, said slide members being operative to uncover the marks of the first-mentioned slide.

2,124,251
N:N'-DIALKYL-2:2'-DIPYRAZOLE-ANTHRONYLS AND PROCESS OF MAKING SAME
Jakob Koch, Basel, and Max Bommer, Riehen, near Basel, Switzerland, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application February 19, 1936, Serial No. 64,778. In Switzerland March 8, 1935
5 Claims. (Cl. 260—45)

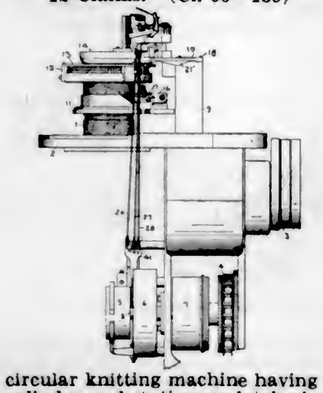
1. N:N'-dialkyl-2:2' - dipyrazole-anthronyls of which the two alkyl groups belong to the lower aliphatic series and at least one of the two alkyl groups represents an alkoxyalkyl group, which products are red powders, soluble in concentrated sulfuric acid to orange solutions and dyeing cotton from a blue colored vat red tints of very good fastness properties.

2,124,252
MEANS FOR SECURING MOLDING OR THE LIKE
Joseph P. Lavigne, Detroit, Mich., assignor to George E. Gagnier and Bion C. Place, both of Detroit, Mich.
Application March 25, 1936, Serial No. 70,746
8 Claims. (Cl. 189—88)



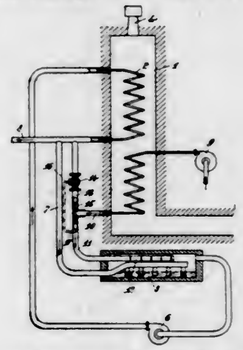
7. In combination, a support having an opening, a channel-shaped molding having inturned flanges on said support over said opening, and a one-piece wire fastener securing the support and molding together, said fastener being bent intermediate its ends to form a shank portion consisting of two legs which gradually diverge from the end of the shank toward the molding, the free ends of said wire being then bent sharply toward each other on straight lines extending from the corner of said opening at inner surface of said support to the inner surfaces of the flanges of said molding, said ends contacting inner opposite walls of said molding so as to prevent free movement of legs of the shank toward each other whereby the shank of the fastener is stiffened and relative movement between the molding and fastener avoided.

2,124,253
YARN FEEDING MECHANISM FOR KNITTING MACHINES
Robert H. Lawson, Pawtucket, and Arthur N. Cloutier, Lonsdale, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application July 31, 1934, Serial No. 737,808
12 Claims. (Cl. 66—139)



1. A circular knitting machine having a rotary needle cylinder and stationary latch ring, means carried by the latch ring for feeding one or more yarns to the needles, a recess in the latch ring spaced from the yarn feeding means, in combination with interchangeable plating guides for feeding threads to the needles and means for moving the said plating guides individually and as desired in the recess in the latch ring and between the said latch ring and the needles, and cam means for controlling the needles to knit a said yarn and a said thread at the same feeding station.

2,124,254
METHOD OF HIGH PRESSURE STEAM GENERATION
Max Ledinegg, Mahrisch-Ostrau, Czechoslovakia
Application March 13, 1935, Serial No. 10,926
In Germany March 15, 1934
12 Claims. (Cl. 122—1)



1. A method for producing high pressure steam by introducing superheated and more particularly circulated superheated steam serving as a heat carrier into the water to be evaporated in boiler drums consisting in dividing the superheated steam, introducing one part into the water space of the boiler drums, mixing the other part with feed water in such proportion that a production of steam takes place and introducing the mixture into the steam space of the boiler drums.

2,124,255
PROCESS FOR THE PRODUCTION OF CORE-ELECTRODES
Franz Leitner, Kapfenberg, Austria
No Drawing. Application May 22, 1935, Serial No. 22,917. In Germany May 23, 1934
2 Claims. (Cl. 219—8)

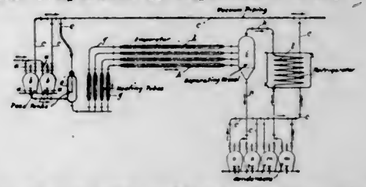
1. A process for production of core electrodes comprising placing a pipe in a mold containing liquid steel and then filling the pipe with a refractory material having a melting point above 900° C.

2,124,256
PROCESS FOR THE TREATMENT OF CELLULOSIC FIBROUS MATERIALS
Erwin Mayer, Skoghall, Sweden
No Drawing. Application September 28, 1934, Serial No. 746,019. In Germany October 3, 1933
2 Claims. (Cl. 8—139)

1. The process for treating cellulosic fibrous material, said process comprising subjecting said material to the action of an aqueous caustic alkaline solution to which a small proportion of methylene blue has been added.

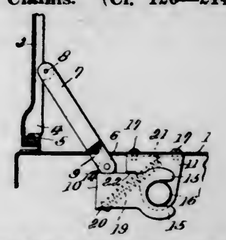
2,124,257
PROCESS FOR VACUUM DISTILLATION OF HYDROGEN PEROXIDE
Jean Mercier, Neuilly-sur-Seine, France
Application August 12, 1935, Serial No. 35,898
In France August 21, 1934
1 Claim. (Cl. 202—52)

Process for the preparation of hydrogen peroxide by vacuum distillation of solutions containing active oxygen, which comprises passing the solution to be distilled from a feed tank through ascending tubes into a tubular evaporator, the ascending tubes being heated in such a manner that a continuous movement of the liquid to be distilled from the feed tank into the tubular evaporator is engendered solely by the



action of the heat difference between the feed tank and the ascending tubes, all these parts, as well as the rest of the apparatus being throughout subjected to substantially the same degree of reduced pressure, the elements at the two ends of the apparatus, namely, the receiver and the feed tank, being for this purpose connected separately and directly to the same vacuum system.

2,124,258
MEANS FOR HOLDING RANGE TOP COVERS IN OPEN AND CLOSED POSITIONS
Arnold Meecker, Homewood, Ill., assignor to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application November 18, 1937, Serial No. 175,330
7 Claims. (Cl. 126—214)

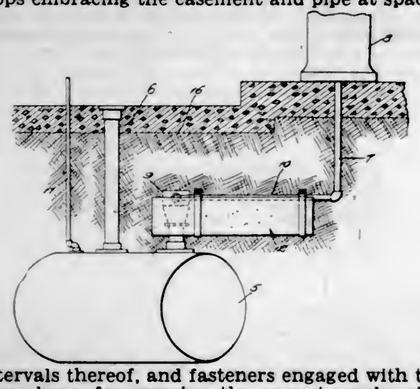


2. In a device for holding a range cover in either an open or a closed position, comprising a range having a top portion, a cover for said top portion, a support depending from said top portion and immovably connected therewith, a movable portion having one end pivotally connected with the lower portion of said support and its opposite end movable to opposite sides of said pivot, means passing upward through said top and operatively connecting the said movable part with said cover, and a spring operatively acting to swing said movable portion to opposite sides of said pivot whereby said cover is held in either a closed or an open position.

2,124,259
FROST ABSORBER
Charles S. Murch, Augusta, Maine
Application May 11, 1936, Serial No. 79,140
1 Claim. (Cl. 137—69)

A frost absorber and cushioning means for underground piping and valve set-up therewith, comprising a section of soft rubber having in the uppermost face thereof a seat for the underground pipe and also provided with a pocket for the valve, the said section being relatively wide to protrude laterally beyond opposite sides of the pipe and valve, a waterproof casement about said

section and entirely enveloping the same, strap loops embracing the casement and pipe at spaced



intervals thereof, and fasteners engaged with the strap loops for securing the same in embracing position.

2,124,260

GAS PURIFYING MATERIAL

Ferdinand Christoph Post, Paris, France, assignor to Compagnie des Produits Chimiques et Charbous Actifs Edouard Urbain, Paris, France, a French company

No Drawing. Application January 30, 1937, Serial No. 123,279. In Germany January 30, 1936

1 Claim. (Cl. 252—2.5)

A gas purifying material for separating sulphur from sulphur containing gases comprising lava foam characterized as a highly porous incombustible carrier substance in which the pores are intercommunicating to permit passage of the gas to be purified, and having iron oxide deposited on the walls of said pores without materially affecting the substance as to its permeability to gas, said purifying material having great strength to permit handling without crumbling or pulverization, and said material being substantially unaffected by high temperatures or contact with acids.

2,124,261

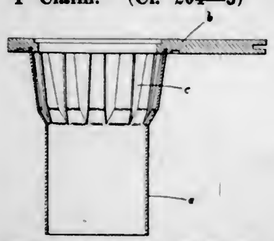
MANUFACTURE OF ELECTRODES

Sydney Jamieson Ralph, Point Pleasant, Wandsworth, London, England, assignor to The Aluminum Plant and Vessel Company Limited, Point Pleasant, Wandsworth, London, England

Application February 6, 1936, Serial No. 62,711

In Great Britain February 6, 1935

1 Claim. (Cl. 204—5)



A bi-metallic electrode for use in the electrolysis of caustic alkalis, consisting of a liquid immersion part in the form of a hollow cylindrical body portion composed of nickel and a surmounting ring-like part composed of copper, the upper end of the nickel body portion being flared outwardly and of constant cross-sectional area and current carrying capacity, said upper end being formed with a series of liquid circulation openings constituted by circumferentially spaced slits which, by the flaring, have the form of slots, and the ring-like part of copper being united by fusion with the upper end of the outwardly flared part of nickel.

2,124,262

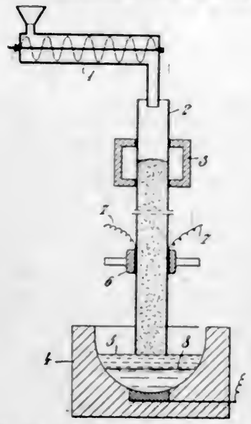
METHOD OF PRODUCING METALS AND ALLOYS POOR IN CARBON AND SILICON

Frans Gustaf Samuelson, Ossian Henrik Jonson, and Klas Jonas Henrik Engdahl, Wargon, Sweden, assignors to Wargöns Aktiebolag, Wargon, Sweden, a corporation of Sweden

Application September 7, 1937, Serial No. 162,754

In Sweden September 9, 1936

3 Claims. (Cl. 75—10)



1. A method of producing metals and alloys poor in carbon and silicon, which comprises reacting upon a finely divided material containing an oxide of the metal to be produced by means of another finely divided material containing silicon, at such a low temperature that a sinter body having a good electric conductivity is formed, and melting said body by using it as an electrode in an electric furnace.

2,124,263

FISHHOOK

John Schott, Archbald, Pa.

Application March 31, 1937, Serial No. 134,136

3 Claims. (Cl. 43—36)



1. A fish hook including like members integrally united at one end and having bows at the opposite ends terminating in barbed points, the bows being close together and side by side whereby the bow of one member forms a guard for the point of the other member.

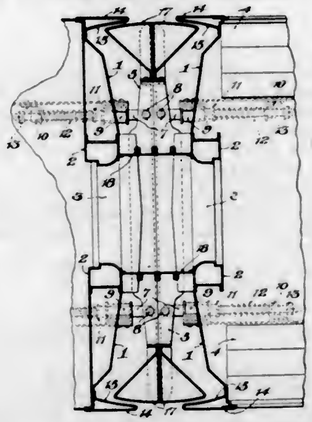
2,124,264

CAR CONSTRUCTION

Sigvard Simonson, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware

Application March 29, 1934, Serial No. 718,006

17 Claims. (Cl. 105—17)



1. Car construction comprising a strip of cowling at the end of the car and V-shaped in cross-section, the outer face of the V forming substantially a continuation of the walls of the car, a buffer plate carried at the end of the car, and a U-shaped member carried thereby of substantially triangular cross-section, one face of said member lying in the plane of said buffer plate and another face extending within said cowling and embraced thereby but spaced from the inner face of the V.

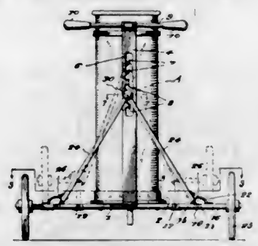
2,124,265

GOLF BAG CARRIER

Clarence C. Sinnott, San Clemente, Calif.

Application July 6, 1937, Serial No. 152,163

6 Claims. (Cl. 280—40)



1. In a golf bag carrier, the combination of an axle provided with foldable end sections, wheels on said end sections, an upright provided with a ratchet slot and with upwardly-extending teeth and downwardly-extending teeth in said slot, and means connected to said end sections and extending into said ratchet slot and engaging said teeth, whereby when said connecting means is engaging said downwardly-extending teeth said end sections will be in an extended or normal position and when said connecting means is engaging said upwardly-extending teeth said end sections will be in a raised or folded position.

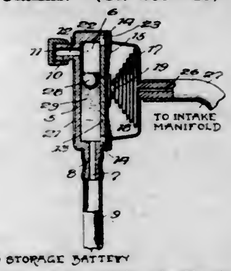
2,124,266

BATTERY CONDITION INDICATOR

James A. Vincent, Providence, R. I.

Application May 20, 1936, Serial No. 80,889

7 Claims. (Cl. 265—45)



1. A battery liquid condition indicator comprising a fixed chamber, a flexible diaphragm dividing said chamber into separate non-communicating portions, one portion having a transparent wall and a hydrometer element therein, a battery liquid inlet in free communication with said portion, and means for effecting suction in the other portion behind the diaphragm whereby to flex said diaphragm to draw liquid through said inlet.

2,124,267

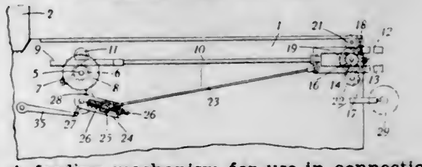
DRIVING GEAR FOR CONTINUOUS WORKING PHOTOGRAPHIC COPYING MACHINES

Johannes Waibler, Stuttgart, Germany, assignor to Carl Janzer, Stuttgart, Germany

Application March 23, 1937, Serial No. 132,630

In Germany April 1, 1936

4 Claims. (Cl. 271—2.4)



1. A feeding mechanism for use in connection with photographic apparatus of the type wherein a sensitized strip is first exposed and then fed through a tank for subsequent treatment, said feeding mechanism including an intermittent feeding means arranged immediately beyond the place of exposure and a continuous feeding means arranged for the delivery of the strip from and beyond the treating tank, the intermittent feeding means feeding the strip from a point beyond the exposure area in the direction of strip movement into the tank and the continuous feeding means delivering the strip after treatment in the tank and in the direction of strip movement, whereby the intermittent feeding means constitutes the initial strip feeding and the continuous feeding means constitutes the final strip feeding, a rod connecting and synchronizing the intermittent and continuous feeds, and a power driven drive bar reciprocating the rod to compel coordinated operations of the respective feeds on the strip.

2,124,268

REFRIGERATING APPARATUS

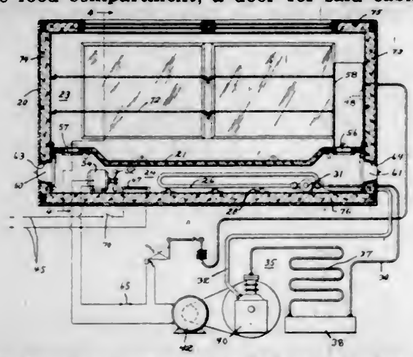
Harry M. Williams, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware

Application August 31, 1931, Serial No. 560,279

7 Claims. (Cl. 62—115)

1. Refrigerating apparatus comprising in com-

bination, a cabinet having a food storage compartment therein, a cooling element for cooling the food compartment, a door for said cabinet,



and electrical means controlled by said door for increasing the temperature of the cooling element to cause defrosting thereof.

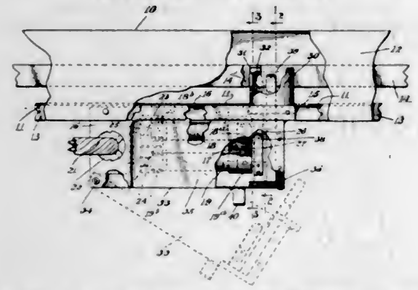
2,124,269

BUS BAR CONDUIT DISTRIBUTION SYSTEM

William C. Anderson, Bromley, and Elmer T. Carlson, South Fort Mitchell, Ky., assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut

Application June 5, 1937, Serial No. 146,608

11 Claims. (Cl. 247—3)



1. In a bus bar conduit distribution system, a fuse box and terminal connector secured to the conduit and having means for supporting fuses in laterally exposed positions so as to permit fuses to be readily inserted and removed, a branch circuit connection to one end of each fuse at one end of the connector, a switch contact for the opposite end of each fuse and a hinged cover for the fuse box having side wings for overlapping the fuses when the cover is closed and exposing the fuses at the sides of the supporting means when the cover is open and a switch member carried by said cover for each bus bar, each switch member having a blade for engaging a switch contact and a blade connected thereto for passing into the conduit and directly engaging a companion bus bar when the cover is closed.

2,124,270

CATHODE RAY TUBE

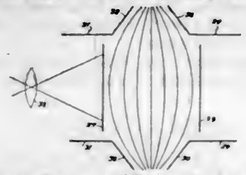
Leonard Francis Broadway, Hillingdon, England, assignor to Electric & Musical Industries Limited, Hayes, England, a British company

Application November 5, 1935, Serial No. 48,348

In Great Britain November 8, 1934

16 Claims. (Cl. 250—27.5)

4. An electrostatic electron lens system comprising two tubular electrodes and being adapted to have different potentials applied thereto, said electrodes having surfaces facing one another of



frusto-conical shape, said electrodes lying wholly without each other.

2,124,271

BALE TIE BUNDLE

Albanus G. Delany, Alabama City, Ala., assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio, a corporation of New Jersey

Application October 28, 1935, Serial No. 47,084

3 Claims. (Cl. 206—46)



1. A commercial package composed of a cylindrical bundle of bale tie wires having a permanent twist about the bundle axis, and a binder wire coiled spirally about the bundle and made fast near each end of the bundle, one end portion of the binding wire encircling tightly the twisted bundle and having its end extending transversely through and anchored to the bundle.

2,124,272

PROCESS FOR PRODUCING SUBSTITUTED ACRYLIC ACID ESTERS

Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey

No Drawing. Application January 9, 1937, Serial No. 119,877

3 Claims. (Cl. 260—106)

1. A process for the preparation of an ester of a substituted acrylic acid which comprises reacting a methyl ketonecyanamine with an alkyl sulphuric acid ester and deaminizating, by diazotization, the resulting product.

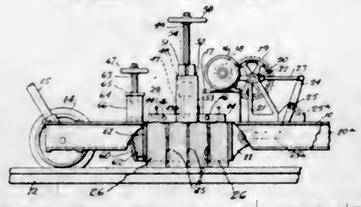
2,124,273

TRACK GRINDING BRICK

Thure Larsson, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application January 9, 1936, Serial No. 58,349

2 Claims. (Cl. 51—204)



2. In a machine of the class described, a frame, a carriage mounted to reciprocate in said frame, means to reciprocate said carriage, a plurality of track grinding bricks each comprising a block of bonded abrasive material, a spindle projecting upwardly from said block, the top portion of said block being bevelled away from said spindle, an enlarged end of said spindle embedded in said brick and cemented thereto and having a shoulder flush with the highest part of the top portion of said block, and a clamping bar mounted in said carriage and surrounding the spindles of the several track grinding bricks and resting upon said shoulder, the entire construction eliminating wear of the bar due to relative motion between the bar and the bricks.

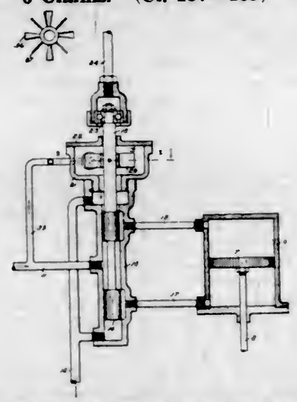
2,124,274

PILOT VALVE

Beverly R. Nichols, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application July 29, 1936, Serial No. 93,130

6 Claims. (Cl. 137—139)



6. In a valve for controlling the flow of fluids under pressure, a valve casing, fluid pressure supply and discharge conduits connected with said casing, a valve body both rotatably and longitudinally movable within said casing, a vane wheel operable by fluid pressure and connected with said valve body for simultaneously rotating and for producing an axial movement of the same to reduce the resistance thereof to longitudinal movement, at least certain of the vanes of said wheel being at an angle relative to the axis of the valve, and means for controlling the application of fluid pressure to said wheel to control the rate of rotation thereof.

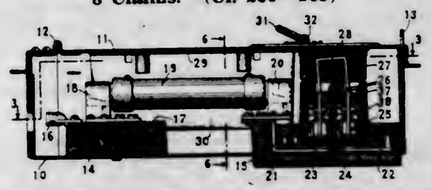
2,124,275

SAFETY SWITCH

Raymond N. Rowe, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut

Application December 28, 1935, Serial No. 56,406

8 Claims. (Cl. 200—163)



1. An enclosed switch having a stationary insulating base having recesses with spring jaws mounted in the recesses, and a slidable U-shaped switch member having an integral pair of blades, one or both of which may be inserted into jaws in the base.

2,124,276

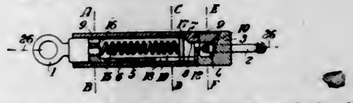
CONNECTION FOR STRAPS, CHAINS, OR THE LIKE

Friedrich Steigenberger, Ulm, Germany

Application January 29, 1936, Serial No. 61,341

In Germany February 5, 1934

2 Claims. (Cl. 24—239)



1. A connection for straps, chains and the like, a hook having an inclined mouth wall, a guide forming an extension rearwardly of said hook and having a slot at its end adjacent said hook, a sleeve slidably mounted on said guide, and a member on said sleeve extending through said slot and bearing against the inclined mouth wall of said hook to close said mouth.

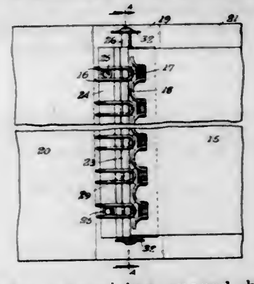
2,124,277

BINDER

Clarence D. Trussell, Poughkeepsie, N. Y., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y., a corporation of New York

Application September 4, 1936, Serial No. 99,353

3 Claims. (Cl. 281—19)



3. A binder comprising spaced binder rings, said rings consisting each of spring strands connected in spaced substantial parallel relation, a longitudinally folded housing of sheet material having notches in the arched portion of the same spaced in accordance with the spacing of said binder rings and of a width each to receive the two spaced strands of one binder ring, a correspondingly folded slide of sheet material in frictional sliding engagement in said housing and notched in the arched portion of the same to register with said housing notches and with projecting portions at one side of said slide notches to each extend through a pair of the ring strands in one of the housing notches, said spring strands of the rings being spaced sufficiently to yieldingly and frictionally engage the opposite sides of the notches in which they are entered, and means for shifting said slide in the housing to extend said projections through the pairs of ring strands or to retract said projections and leave said pairs of ring strands frictionally held only in the notches by their spring tension.

2,124,278

RING BINDER

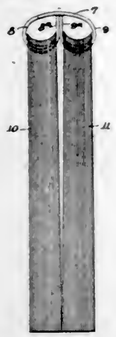
Clarence D. Trussell, Poughkeepsie, N. Y., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y., a corporation of New York

Application September 9, 1936, Serial No. 99,904

9 Claims. (Cl. 129—1)

9. A double ring binder, comprising a back member of sheet material and two sets of integral

ring extensions of said back member, said ring extensions projecting from said back member



and curled upon themselves in the form of two complete ring binders in side-by-side relation and extending longitudinally of said back member.

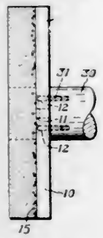
2,124,279

ABRASIVE WHEEL

Edward Van der Pyl, Holden, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application October 9, 1936, Serial No. 104,860

5 Claims. (Cl. 51—209)



1. An abrasive article comprising abrasive grain and a bond mainly comprising iron and ferric chloride.

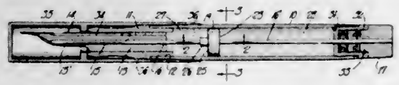
2,124,280

FOUNTAIN PEN

Frank M. Ashley, Great Kills, N. Y., assignor to Lewis Gompers, trustee, New York, N. Y.

Application February 4, 1937, Serial No. 123,951

4 Claims. (Cl. 120—47)



1. A fountain pen comprising a barrel, a feed-plug carried at one end thereof and provided with a central cylindrical bore which extends from its inner end to near its front end and having a passage leading from the atmosphere to said bore located at a predetermined distance from the closed end of said bore, a tube fitted to slide in close sliding relation in said bore, a connecting rod extending from the tube thru the rear end of said barrel, a piston movable by said connecting-rod and having a passage extending therethru, a valve controlling said passage, means for leading a liquid from the rear side of said piston thru said tube to the atmosphere, means for closing the rear end of said barrel, and a handle connected to said piston-rod.

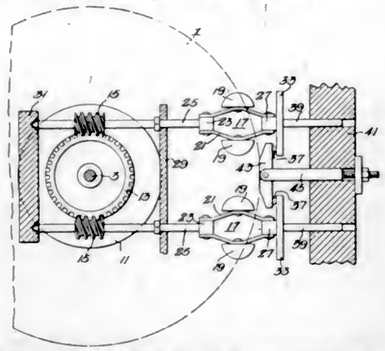
2,124,281

SPEED CONTROL FOR PHONOGRAPHS

Alda V. Bedford, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application August 31, 1936, Serial No. 98,760

9 Claims. (Cl. 188—187)



2. In a phonograph, the combination of a driving shaft, a member driven by said shaft for supporting a record, a plurality of governor devices associated with and driven from said shaft for simultaneously controlling the speed of said member, and brake means associated with said governors, said brake means being so constructed and arranged with respect to said governor devices as to permit said governor devices to react upon each other and said governor devices being so arranged that when at least one of them increases its speed under the influence of said shaft, at least one other of said devices will decrease its speed whereby to effect uniform rotation of said member.

2,124,282

LOOSE LEAF BOOK BINDERS

Everett E. H. Behnke, Manitowoc, Wis., assignor to The E. and B., Manitowoc, Wis.

Application March 24, 1937, Serial No. 132,791

1 Claim. (Cl. 281—25)



A loose-leaf binder clip unit comprising a metal loop terminating with companion legs, one of said legs being formed with a foldable extension positioned at an angle to the main portion of the leg whereby the line of fold is positively defined at the end of the pair of legs proper, the legs of each independent clip being adapted to pass through alined apertures of book sheets and thereafter locked together by folding the end extension of one of the legs about the end portion of the companion leg.

2,124,283

ELECTRODE HOLDER

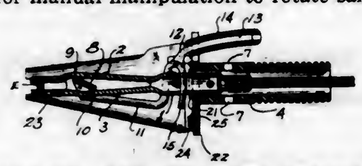
Lawrence H. Bevard, St. Louis, Mo.

Application September 24, 1936, Serial No. 102,319

12 Claims. (Cl. 219—8)

1. In an electrode holder, a body structure including a pair of electrode clamping jaws having opposing flat faces, said jaws being yieldingly thrust towards each other, a cam between said jaws comprising a flat bar with diagonally opposite corners seated respectively on said faces, a

lever rigid with said bar and extending transversely of said edges and longitudinally of said jaws for manual manipulation to rotate said bar



to spread said jaws, there being interengaging on said lever and body for holding the same against relative movement longitudinally of said jaws.

2,124,284

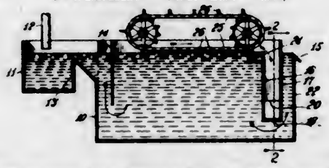
SEPARATION OF STARCH FROM GLUTEN

Hans Bole, Barby, Germany, assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware

Application October 19, 1935, Serial No. 45,794

In Germany May 6, 1935

2 Claims. (Cl. 127—27)



1. Apparatus for separating starch and gluten comprising in combination: a flotation vessel; a filling vessel; a weir between the filling and flotation vessels; a partition extending into the liquid in the flotation vessel in front of said weir; a discharge lip for waste water at the other end of the flotation vessel; a double-walled, transverse structure adjacent the discharge end of the flotation vessel, the inner wall of which provides a weir over which the gluten flows, the outer wall of which forms with the adjacent end wall a passage for the waste water extending from near the bottom of the vessel to the discharge lip; a transversely inclined surface between the two walls of said transverse structure forming the bottom of a trough for receiving the gluten and leading to a discharge opening; and a conveyor for sweeping the gluten over the last named weir into said trough.

2,124,285

PROCESS FOR PREPARING MIXED ESTERS FROM PHENOLALDEHYDE RESINS

Hans Theodor Bucherer, Munich, Germany

No Drawing. Application April 6, 1935, Serial No. 15,092. In Germany April 13, 1934

3 Claims. (Cl. 260—4)

1. The herein described process of preparing a rapid-drying mixed ester devoid of gumminess and having sufficient solubility for use as an ingredient of paint, which consists in esterifying a phenolaldehyde resin with a mixture of linolic acid and colophony in the approximate proportions of seven parts of linolic acid to three parts of colophony.

2,124,286

POLARIZATION DEVICE FOR CAMERAS HAVING A LINEARLY POLARIZING FOIL

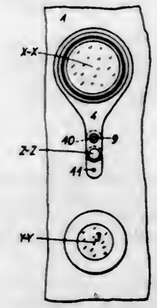
Max Burckhardt, Jena, Germany, assignor to the firm Carl Zeiss, Jena, Germany

Application April 12, 1937, Serial No. 136,363

In Germany April 25, 1936

1 Claim. (Cl. 95—64)

In a camera having a finder the viewing axis of which is parallel to the axis of the camera objective, an arm, a transparent linearly polarizing foil mounted on said arm for rotation about an axis at right angles to said foil, said arm being mounted on the camera for rotation about an axis parallel to first said axis of rotation and to



the axis of the camera objective, the axis of rotation of said arm lying in the plane containing the axis of the camera objective and the viewing axis of the finder and being equidistant from these two axes, the length of said arm being such that the polarizing foil may overlie the camera objective or the finder.

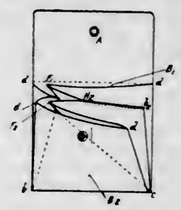
2,124,287

PURSE

Jean Claviez, Paris, France

Application January 25, 1937, Serial No. 122,137. Renewed June 15, 1938. In France January 31, 1936.

2 Claims. (Cl. 150—37)

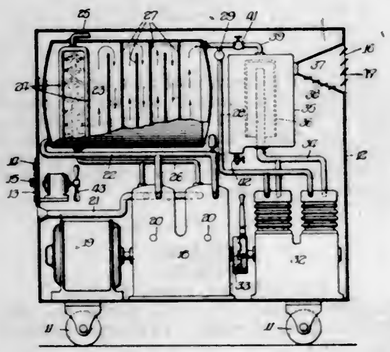


1. A purse made of a single sheet of a supple material of general rectangular shape having two parallel folds parallel to one side of the sheet, one of said folds being located in the middle part of the sheet and the other along one side of said sheet, the edge of said last mentioned side of the sheet forming an angle having its opening turned outwardly and its apex located upon said second mentioned fold, the two sides of said angle being sewn together, a third fold extending at right angles to the two first mentioned folds and starting from said apex, and two folds starting both from the intersection of the first and third folds with each other and extending respectively to the ends of the other side of said sheet that is parallel to the two first mentioned folds, the two halves of said last mentioned side being sewn together from said third mentioned fold to a small distance from said ends of said last mentioned side, whereby in the folded position of the purse, said last mentioned side is brought between the two other sides of the sheet which extend at right angles to the two first mentioned folds, and means for securing the parts together in the closed position of the purse.

2,124,288
FIRE RESISTANT COMPOSITION
Herbert Dodd, Broomhill, Glazebrook, near Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application September 11, 1935, Serial No. 40,190. In Great Britain September 19, 1934
9 Claims. (Cl. 106—8)

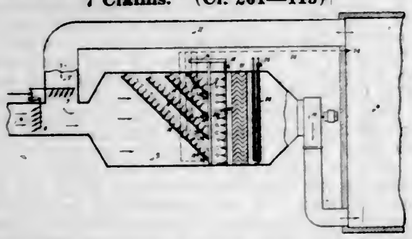
1. A flame resistant, plastic composition comprising solid chlorinated naphthalene, a higher chlorinated paraffin wax, and a flame retarding material.

2,124,289
AIR CONDITIONING
Richard Ericson, Chicago, Ill.
Application January 2, 1936, Serial No. 57,093
1 Claim. (Cl. 62—136)



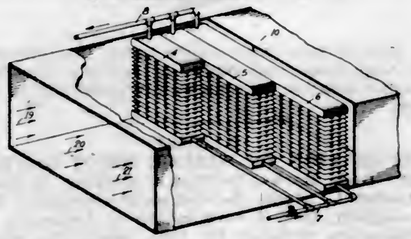
A unitary, portable, room, air-conditioning system comprising a power-actuated, dense-air, compressor-cooler-expander type of air-cooling mechanism, means manually to couple and uncouple said compressor and expander, means arranged primarily to separate excess moisture from the expanded air, valve-controlled means to pass either cool, compressed air or expanded air, or both, to said separator means, and means for directing said moisture-free air to said room to be cooled comprising a mixing-chamber provided with an eduction inlet for air from said room.

2,124,290
AIR CONDITIONING SYSTEM
Walter L. Fleisher, New City, N. Y.
Application October 31, 1934, Serial No. 750,769
7 Claims. (Cl. 261—115)



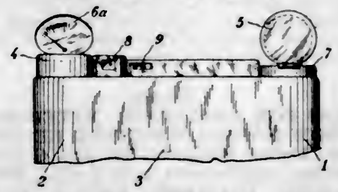
1. In an apparatus for conditioning air, means for establishing a stream of air flow, means for spraying a portion of said air stream with conditioning medium, other means for spraying a greater portion of the air stream with conditioning medium, and means for circulating conditioning medium through said first-mentioned spray means and then through said second spray means.

2,124,291
METHOD OF AIR CONDITIONING
Walter L. Fleisher, New York, N. Y.
Application April 1, 1935, Serial No. 14,067
3 Claims. (Cl. 257—1)



3. The method of controlling the moisture content and temperature of air which consists in directing a stream of air through a passageway, passing one portion of said air stream in indirect heat exchange relation with a relatively large volume of conditioning medium, passing another portion of said air stream in indirect heat exchange relation with a smaller volume of conditioning medium which has been in heat exchange relation with said first-mentioned portion of the air stream, and passing a third portion of the air stream in indirect heat exchange relation with conditioning medium which has been in heat exchange relation with said first-mentioned and second-mentioned portions of said air stream.

2,124,292
PHOTOGRAPHIC CAMERA WITH PHOTO-ELECTRIC EXPOSURE METER
Leo Goldhammer, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application March 21, 1936, Serial No. 70,000
In Germany March 23, 1935
2 Claims. (Cl. 88—23)

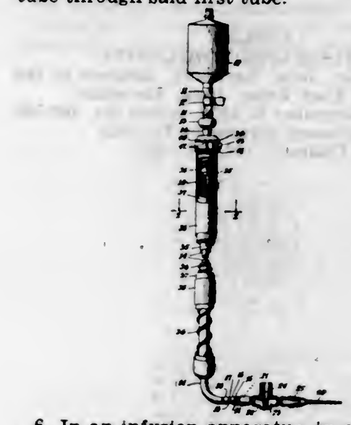


1. A camera casing having an extension on one edge thereof, a closure cap pivoted to said extension, the inside surface of said cap being adapted to carry a light-sensitive cell, a second extension on said edge adapted to carry a meter for said cell, a closure cap pivoted to said second extension and having a mirror on its inner surface for reflecting the face of a meter in said extension.

2,124,293
INFUSION APPARATUS
Harold Goldstein, New York, N. Y.
Application January 2, 1936, Serial No. 57,092
6 Claims. (Cl. 128—227)

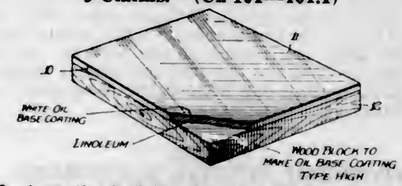
1. In an infusion apparatus, in combination, a heating coil, a flexible tube carrying said coil, a second flexible tube adapted to be inserted within said first tube, said second tube having a nipple

secured in one end thereof and provided with a detachable cap adapted to seal said second tube and to be attached to a line for pulling the second tube through said first tube.



6. In an infusion apparatus, in combination, a heating unit comprising a flexible tubular support, an electrical heating coil mounted thereon, a layer of heat insulating material surrounding said heating coil to heat insulate the outside thereof, and a second flexible tube extending through and removably supported in said unit in heat transfer relationship with said coil and adapted to supply fluid to an infusion needle.

2,124,294
PRINTING
Clyde E. Gray, Chicago, Ill., assignor of twenty-seven and one-half percent to Marlin Hurt, Chicago, Ill., and twenty percent to McLaughlin & Wallenstein, Chicago, Ill., a partnership composed of John J. McLaughlin and Sidney Wallenstein
Application February 12, 1934, Serial No. 710,895
Renewed December 1, 1937
9 Claims. (Cl. 101—401.1)

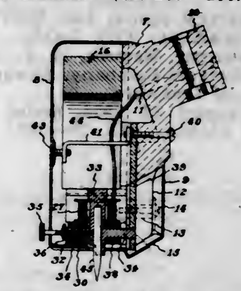


9. A method of forming a printing plate which comprises providing a sheet of linoleum having a white relatively hard oil base coating on one surface thereof, treating said coated surface to partially plasticize it, transferring a design upon said plasticized surface, and routing out the design by removing the coating and a portion of the underlying linoleum.

2,124,295
ALLANTOIN OINTMENT
Frederick R. Greenbaum, Philadelphia, Pa., assignor to The National Drug Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application November 9, 1935, Serial No. 49,033
14 Claims. (Cl. 167—63)

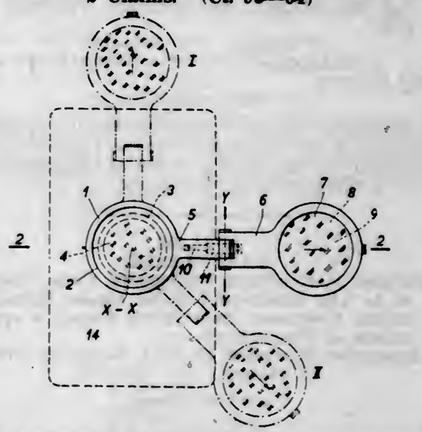
1. An ointment, containing triethanolamine stearate, an excess of stearic acid sufficient to maintain the ointment acid in reaction, and allantoin particles as minute as colloids dispersed therein.

2,124,296
TRANSDUCER
Emile C. Guedon, Audubon, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application July 31, 1935, Serial No. 34,016
10 Claims. (Cl. 179—100.41)



1. A magnet assembly for an electro-magnetic transducer device comprising a magnet, a pole piece of magnetic material united therewith by fusion of metal providing an air gap maintained permanent wholly by said magnet as a yoke, said pole piece having a thin bridge portion provided with a slot to form said air gap, said bridge portion providing the only magnetic conducting path external to the magnet between the ends of said pole piece, an electrical winding within the pole piece adjacent to said bridge portion, and an armature member extending through the winding and into said air gap.

2,124,297
POLARIZATION DEVICE FOR CAMERAS
Carl Herrmann, Jena, Germany, assignor to the firm of Carl Zeiss, Jena, Germany
Application May 12, 1937, Serial No. 142,190
In Germany May 30, 1936
2 Claims. (Cl. 95—64)



1. A polarization device for a camera, comprising a cylindric sleeve for attachment on and rotation about the lens mount of said camera, an arm, a hinge connecting said arm to said sleeve and allowing relative rotation through 180° about its pivot, the pivotal axis of said hinge being at right angles to the axis of said sleeve, a linearly polarizing foil parallel to said pivotal axis and fixed to said arm with its centre substantially on a line intersecting the axis of said sleeve and at right angles to said pivotal axis, the distance
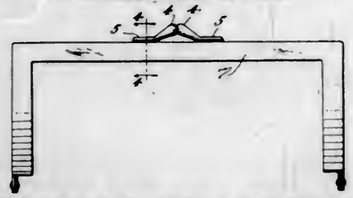
apart of the hinge pivot and the axis of said sleeve being the same as the distance apart of the hinge pivot and the centre of said foil and greater than the clear width of said sleeve.

2,124,298

BAG FASTENER KNOB AND METHOD OF MAKING THE SAME

William C. Hiering, Newark, N. J., assignor to The J. E. Mergott Company, Newark, N. J., a corporation of Delaware

Application August 23, 1935, Serial No. 37,430
2 Claims. (Cl. 29—148)



2. The method of making a fastening knob for metal hand bag frames which comprises forming a solid member from a ferrous metal, said member having a semi-spherical terminal, a conically convergent body and an integral, slender cylindrical stem, and shaping the stem at an angle to the body, electrically welding and integrally uniting said stem with a hand bag frame, and coating said knob, body and stem and the bag frame with an ornamental material.

2,124,299

PHTHALOCYANINE DYESTUFF

Karl Holzach and Fritz Muehlbauer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 10, 1937, Serial No. 125,067. In Germany February 19, 1936
9 Claims. (Cl. 260—12)

1. A phthalocyanine corresponding to the general formula

$$Pht—(O—X)_n$$

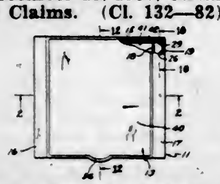
in which Pht stands for the nucleus of a phthalocyanine, X for an organic radical combined with the oxygen atom shown by means of carbon, and n for a whole number up to four.

2,124,300

VANITY BOX

Rudolph N. Houlihan, Bridgeport, Conn., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn., a corporation of Connecticut

Application December 13, 1937, Serial No. 179,437
12 Claims. (Cl. 132—82)



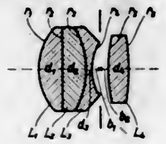
1. In a vanity box including a cover and a frame comprising hollow portions at each side edge of the cover, a hinge pin carried by the cover and extending into each of said side portions, a body within said frame, and nesting means on said body and engaging and confining the extending portions of said pin against said frame portions.

2,124,301

PHOTOGRAPHIC OBJECTIVE

Sylvester Huber, Jena, Germany, assignor to the firm of Carl Zeiss, Jena, Germany

Application November 6, 1936, Serial No. 109,508
In Germany November 15, 1935
2 Claims. (Cl. 88—57)



r_1 = + 30.63		d_1 = 11.47	
r_2 = ∞		d_2 = 11.49	
r_3 = − 39.93		d_3 = 2.88	
r_4 = + 25.07		b_1 = 3.77	
		b_2 = 4.00	
r_5 = + 76.74		d_4 = 9.86	
r_6 = − 112.77			
	L_1	L_2	L_3	L_4
n_D =	1.67224	1.49303	1.72138	1.75806
ν =	47.0	66.0	29.3	27.4

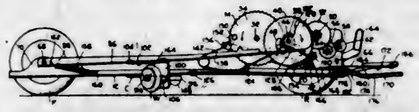
1. A photographic objective, consisting of two members in axial alignment separated by air, the one member being a three-lens meniscus the concave side of which faces the other member, this other member being convergent, the exterior lenses of the meniscus having reverse refractive powers and including a lens of refractive medium which has a refractive index greater than 1 and smaller than the refractive indices of the surrounding lens mediums, the focal length of the said convergent member being smaller than the total focal length of the objective, and the sum of the radii of the first and last refractive surfaces of the objective being, numerically, greater than two-thirds of the focal length of the objective, the radius of the exterior surface toward the object of the three-lens meniscus being, numerically, smaller than the radius of the exterior surface toward the image of the said convergent member and greater than one fifth of the focal length of the objective.

2,124,302

ECCENTRIC RUNNING TOY VEHICLE

Raymond Lohr and Ellsworth Baxter, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y., a corporation of New York

Application January 21, 1937, Serial No. 121,426
27 Claims. (Cl. 46—211)



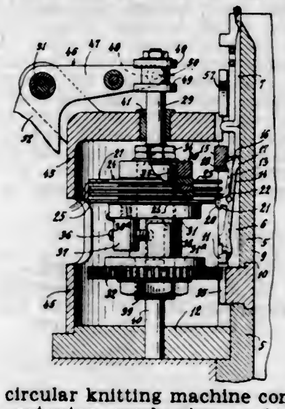
1. A toy vehicle comprising front wheels, rear wheels, a driving motor geared to a rear wheel in order to propel the vehicle, a cross wheel intermediate the front and rear wheels, mechanism for periodically raising and lowering the cross wheel in order to bring the same into and out of contact with the running surface, and additional mechanism for depressing the cross wheel at longer intervals, said mechanism being driven by the aforesaid motor.

2,124,303

KNITTING MACHINE

Vincent Lombardi, Garden City, N. Y., assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y., a corporation of New York

Application January 30, 1936, Serial No. 61,516
27 Claims. (Cl. 66—50)



1. In a circular knitting machine comprising a bed and actuator mechanism, said actuator mechanism and said bed being mounted for relative rotation on an axis extending thru the center of said bed, a series of settable elements carried by said bed and having actuable portions adapted to be aligned, and pattern means constituting a part of said actuator mechanism and rotatable on its axis in response to said relative rotation and formed to provide a plurality of rows of selective means each adapted when brought into a given position to selectively and directly actuate the aligned actuable portions, said rotatable pattern means being movably mounted to permit one or another of said rows of selective means to be brought into said position as desired.

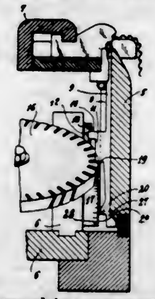
21. A selective element for a knitting machine comprising a forked portion having resiliently compressible means for engaging opposed portions of a machine to resist movement of the element during a setting operation to assure an accurate setting thereof, and comprising also a projection having an inner surface adapted to be engaged by a setting cam, said inner surface extending in opposed relation to the body of said element.

2,124,304

KNITTING MACHINE

Vincent Lombardi, Garden City, N. Y., assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y., a corporation of New York

Application April 28, 1936, Serial No. 76,754
31 Claims. (Cl. 66—50)



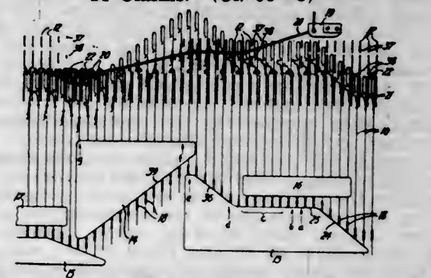
1. A knitting machine comprising at least one yarn-feed, a series of needles, means for selecting the needles in a predetermined manner, and adjustable means adapted, depending on the adjustment thereof, to move the selected needles to tucking position and to leave the unselected needles in retracted position, to move the selected needles to knitting position and to leave the unselected needles in retracted position, and to move the selected needles to knitting position and to move certain of the unselected needles to tucking position while leaving the remainder of the unselected needles in retracted position, as desired, prior to the reception of yarn from a single yarn-feed.

2,124,305

KNITTING NEEDLE AND METHOD OF USE

Vincent Lombardi, Garden City, N. Y., assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y., a corporation of New York

Application March 8, 1937, Serial No. 129,558
14 Claims. (Cl. 66—8)



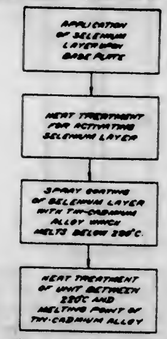
13. The method of knitting with a needle of the pivoted latch type having a hook with a deep bight, which comprises feeding a yarn to a surface of the hook of said needle while the latter is held in a stationary position, utilizing said surface to guide said yarn during subsequent advancement of the needle, and tautening said yarn against said surface while the yarn is being guided.

2,124,306

ELECTRICAL DEVICE

Juichi Osawa, Shibaku, Tokyo, Japan, assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware

Application July 17, 1935, Serial No. 31,892
In Japan August 8, 1934
5 Claims. (Cl. 175—366)



1. A method of manufacturing a selenium rectifier having upper and lower metallic members which comprises applying selenium to the lower member, activating the applied selenium by suitable heat treatment, attaching to the surface of

the activated selenium said upper metallic member which has a melting point lower than that of the selenium, and subjecting said attached members to a heat treatment at a temperature intermediate the said melting points for a period of from several minutes to several hours.

2,124,307

METHOD OF DETERMINING THE AMOUNT OF SULPHUR IN MIXTURES CONTAINING THE SAME

Robert G. Mewborne, Albuquerque, N. Mex., and John F. Les Veaux, Middleport, N. Y., assignors to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y., a corporation

No Drawing. Application June 18, 1937, Serial No. 148,950

10 Claims. (Cl. 23—230)

1. The method of determining the amount of suspended elementary sulphur in an aqueous medium containing the same which comprises chemically reacting a representative sample of the said medium containing the suspended sulphur with the hydroxide of an alkali metal to convert the elementary sulphur substantially completely to the monosulphide of the alkali metal and subsequently titrating the solution of the monosulphide thus obtained by the addition of standardized iodine solution thereto to convert the monosulphide to alkali iodide and elementary sulphur, using a soluble metal salt of nitroprussic acid as the indicator of the end point of the titration, the temperature of the monosulphide solution during said titration being maintained between about 60° F. and about 90° F., whereby the approximate weight of suspended sulphur in the said sample may be calculated from the weight of iodine consumed in said titration using for this calculation a ratio of iodine to sulphur by weight which is about 80% of that indicated by the following equation: $Na_2S+I_2=2NaI+S$.

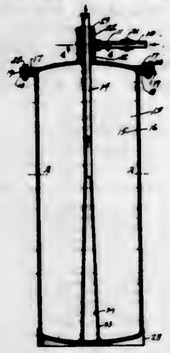
2,124,308

DEVICE FOR INSTANTANEOUSLY COOLING BEER AND DISPENSING SAME

Stephen Mezzapesa, Brooklyn, N. Y.

Application January 2, 1936, Serial No. 57,111

4 Claims. (Cl. 225—1)



1. A unit for use in a beer dispensing system having a storage receptacle for holding beer in it under pressure, said system also having an outlet device for discharging the beer from the system, said unit comprising an outer container and an inner container, each of said containers having top, side and bottom walls, walls of the inner container being spaced a small distance inside of walls of the outer container defining a narrow channel between them for the passage therethrough of the beer, said channel being sufficiently narrow to eliminate substantially the foam from the beer passed through it on its way from the receptacle to the outlet device, and a tube passing down through the top walls of the outer and inner containers, through the inner container to its bottom wall, said tube being hermetically sealed to said bottom wall at an opening in said latter wall, the top wall of the inner container being hermetically sealed to the tube where it passes through, the top wall of the outer container having an opening about the tube larger than the tube, for beer from the receptacle to pass through said latter opening into the channel between the containers, the beer entering the bottom of the tube from the channel and passing out the top of the tube to the outlet device.

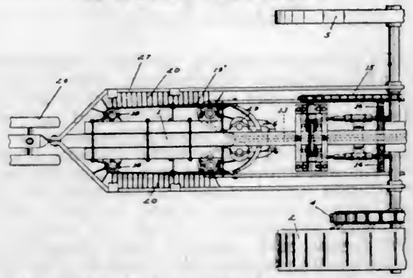
2,124,309

ONION HARVESTER

Alvin D. Munsterman, Bensenville, Ill.

Application July 10, 1936, Serial No. 89,952

13 Claims. (Cl. 55—108)



1. In a vegetable harvester, a frame movable over the ground, a belt traveling in the frame for grasping vegetable stalks, and means for moving the belt rearwardly of the frame at the same speed that the machine moves forwardly, while, at the same time, raising said relatively stationary part of the belt vertically, said means including supporting wheels for the frame, one of said wheels being of a greater diameter and having a broader tractive surface than the other, and a system of gears and chains connecting the larger wheel to the belts for synchronously driving the same.

2,124,310

BOOT

Max Murr, Jr., Munich, Germany

Application September 10, 1936, Serial No. 100,062

In Germany September 25, 1935

1 Claim. (Cl. 36—50)



A boot having an entirely closed annular top portion, one slit side formed by a front side portion and a rear side portion arranged to overlap each other, said slit terminating at the lower edge of the said top portion where the upper portions of said front and rear side portions are secured, a series of fasteners secured to the rear side portion, another series secured to the front side portion, a single lace secured at its lower end to the boot and arranged to pass zig-zag over the respective fasteners in the two series and through a hole in the lower part of the annular top to the inside of said top, a strap secured to the inside of the said annular top beneath which the upper portion of the lace passes, a button on the free end of the lace and a pinch fastener device secured near the upper end of the slit around which the lace may be locked.

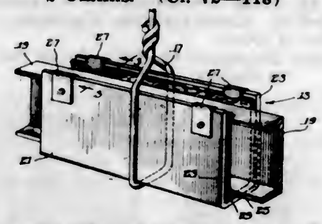
2,124,311

BUILDING CONSTRUCTION

David V. Nelson, Chicago, Ill.

Application February 18, 1937, Serial No. 126,343

2 Claims. (Cl. 72—118)



1. In a suspended structure comprising a plurality of spaced-apart ceiling bars, the combination of saddles receiving said bars at spaced intervals, said saddles each comprising a plate bent to form a channel having spaced-apart side walls and an integral connecting wall, and a piece of resilient material covering the inwardly facing surfaces of the walls of said channel whereby to resiliently seat a bar in said saddle, and flexible suspension members anchored in and depending from a foundation structure and secured to said saddles to suspend the same and the bars seated therein from said foundation structure.

2,124,312

LOOSE LEAF BINDER

Arthur T. Newell, Hempstead, N. Y., assignor to The C. E. Sheppard Co., Long Island City, N. Y., a corporation of New York

Application December 16, 1935, Serial No. 54,987

4 Claims. (Cl. 129—17)



1. In a loose leaf binder, a pair of oppositely disposed sheet-impaling members both positioned for occupying a common perforation of a loose leaf sheet, said members having contiguous faces overlapping in a diagonal plane.

2,124,313

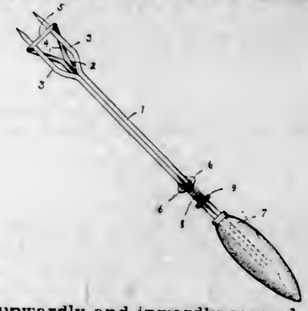
EJECTOR FORK

Fred P. Riddell, Superior, Wis.

Application October 19, 1936, Serial No. 106,393

3 Claims. (Cl. 30—129)

2. A serving fork consisting of two pieces of wire each folded centrally upon itself forming substantially parallel equal portions of each piece, the terminals of one piece being bent outwardly and again parallel with the body portion forming the tines of the fork, the other piece being flared outwardly beyond the tines, then



turned upwardly and inwardly around said tines and forming a support therefor, means for slidably uniting said pieces thus folded and assembled, and a handle for said instrument.

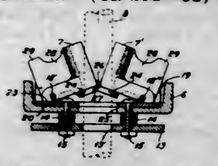
2,124,314

BRACKET JACK

Russel Robison, San Francisco, and George H. Mosel, Burlingame, Calif.

Application May 22, 1937, Serial No. 144,212

6 Claims. (Cl. 254—98)



2. In a jack of the character described, a vertically arranged threaded jack screw, a split nut engaging the screw, said split nut comprising two nut-halves parted along a vertical line, a base plate upon which the nut-halves are supported when closed, and horizontally extending pivots pivoting the nut-halves to said plate for opening and closing.

2,124,315

POLYVINYL ACETAL RESIN PLASTIC

Joseph D. Ryan, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

No Drawing. Original application May 3, 1937, Serial No. 140,428. Divided and this application May 14, 1937, Serial No. 142,625

7 Claims. (Cl. 106—22)

1. A synthetic resin plastic which comprises a polyvinyl acetal resin formed by the reaction of a saturated aldehyde on a partially or wholly hydrolyzed polyvinyl ester in which at least sixty percent of the available hydroxyl groups of said hydrolysis product have been reacted with the aldehyde, and an ester of monohydric alcohol and a straight chain dicarboxylic acid having four or more methylene groups as a compatible plasticizer for said polyvinyl acetal resin.

2,124,316

WARP FABRIC

Paul Schönfeld, Chemnitz, Germany

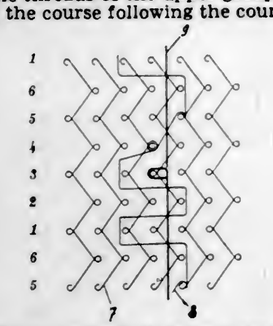
Application December 16, 1937, Serial No. 180,096

In Germany October 23, 1937

3 Claims. (Cl. 66—195)

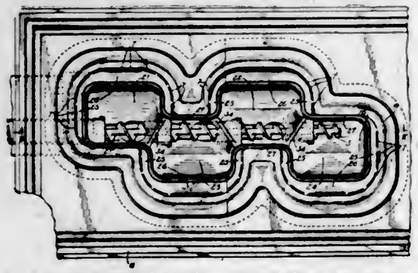
1. Two-machine plain knitted warp fabric which comprises two thread groups with rubber

warp threads inserted between them and recurrently tied up in a mesh forming manner and in which the threads of the upper group also form a mesh in the course following the courses in which



the rubber warp threads form meshes, the heads of the meshes formed by the rubber threads being caught and held by the feet of said meshes formed by the threads of the upper thread group.

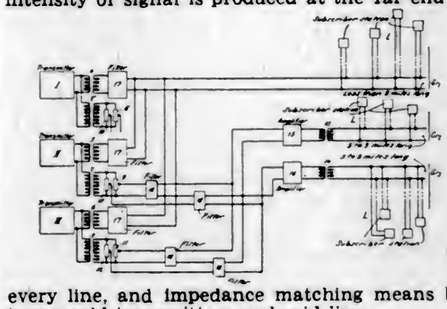
2,124,317
STOKER
William M. Schweickart, Ramsey, N. J., assignor to Henry M. Brooks, New York, N. Y., William Tudor Gardiner, Boston, Mass., and Jacob H. Nissley, Manheim, Pa., as trustees
Application September 15, 1934, Serial No. 744,154
16 Claims. (Cl. 110—45)



1. An underfeed grate comprising an upwardly extending wall substantially encompassing a passageway for the upward feed of fuel from below and of sinuous form to provide a plurality of channels for the fuel extending upwardly, said passageway being open at its upper and lower ends, and said wall being perforated for the passage of combustion air to the fuel contained within it, characterized by the fact that portions of said wall forming walls of adjacent channels are sloped in different directions whereby the fuel flows in different directions in each two adjacent channels.

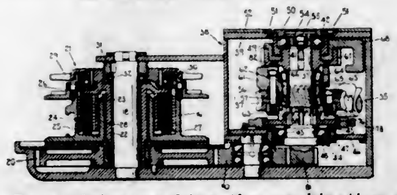
2,124,318
BROADCAST SYSTEM
Rudolf Seidelbach, Berlin-Mariendorf, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany, a German company
Application March 31, 1936, Serial No. 71,831
In Germany April 6, 1935
6 Claims. (Cl. 179—2.5)

1. A broadcast system comprising a plurality of high frequency transmitters, a plurality of subscribers' lines combined to form groups having comparatively similar lengths and impedances, a separate coupling path between each of these groups and said plurality of transmitters, an individual amplifying device connected in one or more of said separate paths whereby a desired intensity of signal is produced at the far end of



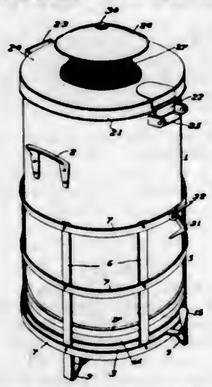
every line, and impedance matching means between said transmitters and said lines.

2,124,319
MINING MACHINE
Edward H. Stein, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application December 11, 1935, Serial No. 53,951
19 Claims. (Cl. 74—425)



1. In a mining machine, the combination with a motor having an armature shaft extending therefrom, of feeding mechanism comprising, a worm on said armature shaft, a worm gear meshing with said worm, a second shaft for supporting said worm gear, a tapered roller bearing positioned between said second shaft and said worm gear in a position where a plane passing through the rollers thereof will also pass through the axis of rotation of said worm, and means for effecting a driving connection between said worm gear and said second shaft.

2,124,320
INCINERATOR
John H. Tarment, Foxboro, Mass.
Application December 11, 1936, Serial No. 115,387
6 Claims. (Cl. 110—18)



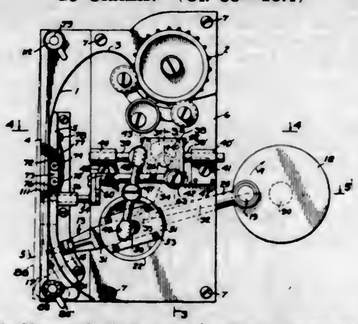
1. In an incinerator the combination compris-

ing a body forming a combustion chamber and having an open bottom end, a holder for said body in which said body may be lifted, a grate mounted within said holder, and with which the open bottom end of said body has substantially closed connection when the body is in operative position within said holder, and releasable means borne by said holder for maintaining said body in a raised position in the holder with relation to said grate whereby access will be obtained for cleaning said grate.

2,124,321
PREPARATION OF ANTISEPTICS FOR INTERNAL USE
Edmond T. Tisza, Yonkers, N. Y., assignor to Pyridium Corporation, a corporation of New York
No Drawing. Application July 24, 1936, Serial No. 92,390
11 Claims. (Cl. 260—108)

10. As a new compound, a stable, non-hygroscopic, white, crystalline, hexamethylenetetramine salt of mandelic acid.

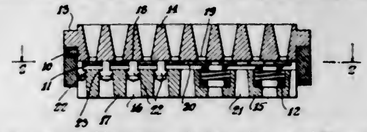
2,124,322
FILM PULL-DOWN MECHANISM
Albert W. Tondreau, Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y., a corporation of Delaware
Application November 22, 1935, Serial No. 51,177
13 Claims. (Cl. 88—18.4)



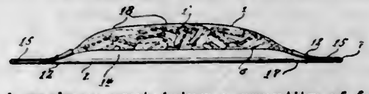
1. A film pull down mechanism comprising the combination of a film advancing member, a rocking slide bearing for said member, an eccentric, a drive shaft for said eccentric, a connecting member slidably connected to said bearing and pivotally connected to said eccentric, means for imparting an oscillating motion to said film advancing member under control of said connecting member, a second connecting member pivotally connected to said eccentric, a cam, an operative connection between said second connecting member and said cam, a cam follower for said cam and an operative connection between said cam follower and said film engaging member for imparting a film engaging and disengaging motion to said film advancing member.

2,124,323
RING PLATE VALVE
Johann H. H. Voss, White Plains, N. Y.
Application April 7, 1937, Serial No. 135,473
3 Claims. (Cl. 277—60)

1. A plate valve mechanism comprising a multi-ported s at section, plate valves cooperating with said ports, a guard member having a section for each valve plate, ribs interconnecting said sections, said ribs having grooves therein, removable lugs each having portions projecting into said grooves and having another portion projecting between adjacent plates for guiding said plates, and means for retaining said lugs in position.

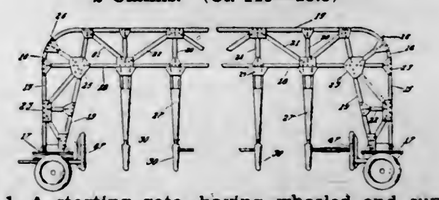


2,124,324
PACKAGE
Walter E. Weeks, Baltimore, Md.
Application November 28, 1936, Serial No. 113,114
8 Claims. (Cl. 206—46)



7. A package containing a quantity of food or similar particles, the package comprising a transparent sheet of flexible material completely enclosing the particles, and having front and rear walls flattened substantially into a single plane at the ends which are thus closed, and in addition to said sheet, a relatively stiff backing for said package secured externally of said sheet, the backing having portions connected thereto covering and secured to the end edges of said package outside the transparent material and oppositely to said backing, said connected portions at each edge of the package thus covered having a single crease about which said connected portion is folded, forming with the adjacent portion of the back an acute V-fold, the transparent sheet and the particles covered thereby being exposed oppositely to said backing.

2,124,325
STARTING GATE
Ernest F. Weishaupt, Chicago, Ill., assignor to Bahr Starting Gate Corporation, Chicago, Ill., a corporation of Illinois
Application April 9, 1934, Serial No. 719,663
2 Claims. (Cl. 119—15.5)

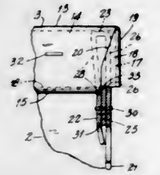


1. A starting gate, having wheeled end supports, a turn-table in each support, an overhead structure connecting the supports, intermediate stall partitions depending from the overhead structure, and an end stall partition mounted on the rotatable portion of each turn-table.

2,124,326
CONTAINER
Benjamin M. Williams, St. Louis, Mo., assignor to Gaylord Container Corporation, St. Louis, Mo., a corporation of Maryland
Application December 20, 1937, Serial No. 180,688
7 Claims. (Cl. 229—44)

3. A container comprising side and end walls, said end walls having inturned upper marginal

flaps, said end walls having slots in their upper edges and said inturned flaps having slots in line with said end wall slots but wider and deeper, cover panels hinged to said side walls, side and end flanges on said cover panels, and tongues carried by said end flanges and secured against



the inner faces of said side flanges, said side flanges extending beyond said inturned flaps of said end walls but stopping short of said end walls, said tongues extending through said slots and the edges of said side flanges extending below the bottoms of the end wall slots in the deeper slots of said end wall flaps.

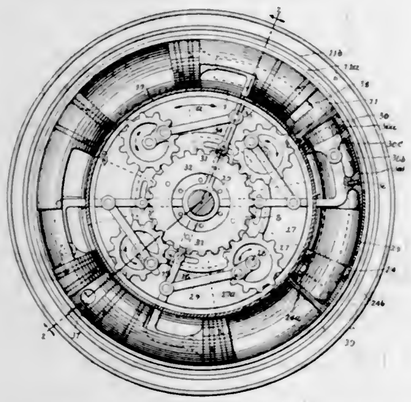
2,124,327

ROTARY INTERNAL COMBUSTION ENGINE

Harry F. Wolstenholme, Paterson, N. J.

Application February 1, 1936, Serial No. 61,895

2 Claims. (Cl. 123—11)



1. A rotary internal-combustion engine including, with two elements one of which includes a housing and a cylinder formed annular around the main axis of the engine and with a continuous slot open to the interior of the housing and the other of which includes, in fixed relation to each other, an abutment in the cylinder and a disk concentric with the cylinder and dividing the housing into two chambers and having an eccentric aperture, one such chamber communicating through the slot with the interior of the cylinder and one such element being rotative relatively to the other around said axis, a piston in the cylinder, one of said elements having means at the piston side of the abutment to close the slot from abutment to piston during each reciprocation of the latter, a lever fulcrumed in the other chamber on one element and reaching through the slot and aperture and connected to the piston, means, in the latter chamber and operatively connecting said elements, for oscillating the lever, and means movable with the lever for maintaining said aperture closed.

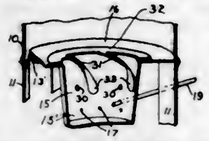
2,124,328

ADJUSTABLE OIL BURNER FOR GARDENS AND ORCHARDS

Seichi Yoshinaka, Mesa, Wash.

Application April 28, 1937, Serial No. 139,558

2 Claims. (Cl. 158—91)



1. An oil burner for producing heated vapor for orchards and vegetable gardens, comprising, a tubular flue, an oil cup mounted within and across the interior of said flue, and means for feeding a predetermined supply of fuel oil into said cup, said cup provided with holes circularly disposed around and through the side walls thereof, an annular cap rotatably mounted around the rim of said cup, flattened vanes projected downward obliquely from said cap along the inner sides of said walls and comprising two faces—one face parallel with the inner sides of said cup for closing said holes, and the other on a plane on an angle to said walls for directing a flow of heated vapor upward with a gyratory motion for promoting more thorough combustion.

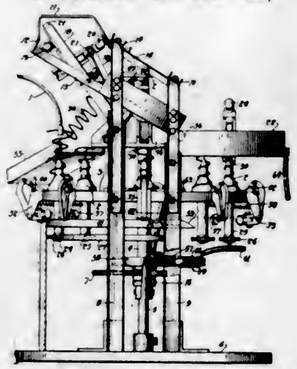
2,124,329

SPRING HEATING MACHINE

Fred R. Zimmerman, Chicago, Ill., assignor to Nachman Spring-Filled Corporation, Chicago, Ill., a corporation of Illinois

Application June 29, 1936, Serial No. 87,891

10 Claims. (Cl. 219—11)



1. In a machine of the type specified, a rotatable turntable, a plurality of equally spaced apart rotatable spring engaging spindles mounted on said turntable, a rigid element on the machine frame, a member rigid with each spindle and engaging said element during a part of the rotation of said turntable for rotating the spindles successively thereby to rotate said springs, a stop member associated with each spindle for engagement with a spring extremity for stopping rotation thereof and adjusting the position thereof, clamping mechanisms associated with each spindle for engaging the terminal end portions of each spring after the rotation thereof ceases at points spaced from the extremities thereof, means for actuating said clamping mechanisms to maintain the same in engagement with said springs during a portion of the movement of said turntable following that during which said spindles are rotated successively, an electric circuit

and means for connecting opposite sides thereof with said respective clamping mechanisms during the period of their joint engagement with said springs, whereby the said circuit is closed through the portions of the springs disposed between said clamping mechanisms.

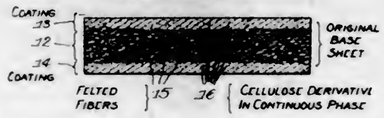
2,124,330

SURFACING FELTED FIBROUS MATERIAL

Truman A. Pascoe and Roy P. Hella, Cloquet, Minn., assignors to Cellovis, Inc., Wilmington, Del., a corporation of Delaware

Application January 23, 1935, Serial No. 3,032

2 Claims. (Cl. 92—21)



2. The method of making a paper sheet which comprises felting into a paper product a slurry of fibers containing finely divided cellulose derivative distributed throughout said slurry, and applying to the surface of said paper product a coating composition containing cellulose derivative in solution in a solvent which has a softening effect upon the cellulose derivative in the sheet, whereby to unite the cellulose derivative in the coating composition to the cellulose derivative in the sheet, and drying the coated sheet, whereby to effect a solid integral union of the coating residue and the cellulose derivative in the sheet.

2,124,331

STABLE COLLOIDAL DISPERSION OF METALS

Max Bockmühl, Eugen Dörzbach, and Walther Persch, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application December 11, 1936, Serial No. 115,442. In Germany December 18, 1935

5 Claims. (Cl. 252—6)

1. A stable aqueous colloidal dispersion of a metal of the group consisting of bismuth, silver and gold containing at least one water-soluble compound of the group consisting of methyl cellulose, ethyl cellulose, hydroxyethyl cellulose, hydroxyethylmethyl cellulose and at least one alkali salt of the acids of the group consisting of protalbinic acid and lysalbinic acid.

2,124,332

PROCESS FOR GRANULATING FERTILIZERS

Frank J. DeRewal, Camillus, N. Y., assignor, by mesne assignments to The Solvay Process Company, New York, N. Y., a corporation of New York

No Drawing. Application June 17, 1933, Serial No. 676,331

4 Claims. (Cl. 71—28)

1. The process for the production of a granular fertilizer comprising a material selected from the group consisting of ammonium nitrate and urea which comprises forming at an elevated temperature a uniformly plastic mass of said fertilizer having a portion only of said material from the group consisting of ammonium nitrate and urea fused in amount such that about 20% to about 35% by volume of said plastic mass is in the liquid phase, said uniformly plastic mass having a water content regulated between 1.8% and 10%, and then forcing the plastic mass under relatively low pressure through a restricted opening whereby, by reason of the correlation of water content and ratio of liquid phase to solid the extrusion of the material through the opening is possible without rigid control of temperature while at the same time a non-coherent granule is formed having sufficient mechanical strength to be handled without undue crumbling, and then cooling the resulting granules.

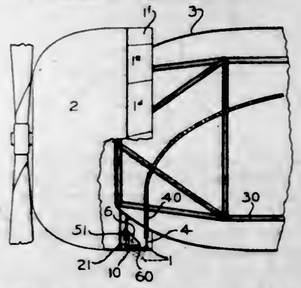
2,124,333

GILL OPENING ADJUSTING MEANS

Edmund E. Duff, near Seattle, and Amos L. Wood, Seattle, Wash., assignors to Boeing Aircraft Company, Seattle, Wash., a corporation of Washington

Application August 4, 1937, Serial No. 157,322

5 Claims. (Cl. 123—171)



3. In combination, a plurality of flaps circularly disposed and each swingably mounted upon a chordal axis, a generally triangular member pivotally mounted only upon each flap, adjacent a corresponding end in each case, along an axis in its base extending generally transverse to such chordal axes, a pivot pin carried at the apex of said member, directed transversely of the axis of swing of its flap and of the axis of swing of the member, a companion member, generally triangular, similarly pivotally mounted only upon the adjacent end of each adjoining flap, and having a socket at its apex, and a self-aligning ball bearing having its outer race fixed in said socket and its inner race fixed to said pivot pin, and means to swing one flap, thereby, through said connected members, to swing all the flaps in the same direction and by the same amount.

2,124,334

VALVE MECHANISM

Ellsworth Gray, Houston, Tex., assignor to C. C. Brown, Houston, Tex.

Application October 5, 1936, Serial No. 104,042

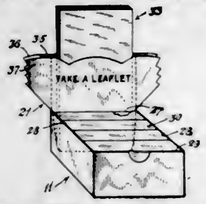
2 Claims. (Cl. 251—59)



1. A valve mechanism comprising a casing having a passageway for liquid therethrough, valve seats around the passageway and spaced apart, a valve assembly movable into active position to close the seats and into inactive position to clear the seats to open the passageway, said assembly comprising a tubular frame, valves on opposite sides of the frame, the mid-portions of the valves being inwardly thickened and provided with side

sockets, retaining pins extended inwardly from the walls of the frame and projecting into the sockets loosely whereby the valves are flexibly connected to the frame, said frame having annular faces on opposite sides thereof, each face describing an annular segment of a sphere and the valves having inside, annular faces which are shaped to conform to the contour of and to fit closely against the frame faces.

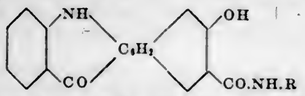
2,124,335
SHIPPING AND DISPLAY PACKAGE
Benjamin Klein, Long Island City, N. Y., assignor of one-third to Erwin Richard Mihm and one-third to Roy Herman, both of New York, N. Y.
Application January 12, 1937, Serial No. 120,169
3 Claims. (Cl. 206—44)



1. As a new article of manufacture, a shipping carton in combination with a bundle of advertising media, said carton comprising a container section, and a cover section joined to an edge of the container section by an integral hinge strip defined by a double fold line, said cover having a transverse slot, and said bundle being tucked into said slot, overlying the forward part of the cover and underlying the rear part thereof.

2,124,336
ARYLIDES OF HYDROXY-ORTHO-CARBOXY-BENZOACRIDONES
Max Lange, Frankfort-on-the-Main, and Theodor Jacobs, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 4, 1937, Serial No. 129,102. In Germany March 4, 1936
4 Claims. (Cl. 260—37)

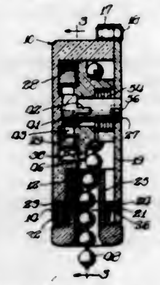
1. The compounds of the following general formula:



wherein R stands for a member of the group consisting of phenyl, methoxy-phenyl, methyl-methoxy-phenyl and naphthyl, being yellow crystallized compounds which have a high affinity for the vegetable fiber.

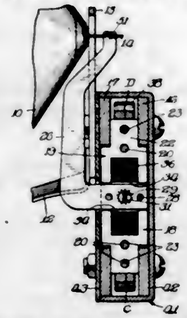
2,124,337
SWITCH
Rudolf Popp, Valparaiso, Ind., assignor to McGill Manufacturing Company, Valparaiso, Ind., a corporation of Indiana
Application August 24, 1935, Serial No. 37,657
3 Claims. (Cl. 200—168)

1. In a switch, a substantially cup-shaped housing for carrying switching mechanism therein, with said housing having an aperture in a sidewall thereof, a cover for said switch originally pivotally secured at a sidewall opposite to said apertured sidewall, and combination means for mounting said switch and retaining said cover, said means comprising a one-piece flanged collar retained in said housing inwardly from the aperture in the sidewall with the collar extending into the aperture and having a flange extending out of the housing and through an aperture in the cover to be upset on said cover to prevent



pivotal movement thereof, and cooperating with the pivot securing means to prevent removal of said cover, and a mounting nut with an enlarged head and having a nipple portion in said collar and threadably adjustable in and out thereof to clampingly mount the switch.

2,124,338
LOUDSPEAKER
James P. Quam, Chicago, Ill., assignor to Quam-Nichols Company, Chicago, Ill., a corporation of Missouri
Application April 3, 1935, Serial No. 14,389
16 Claims. (Cl. 179—119)

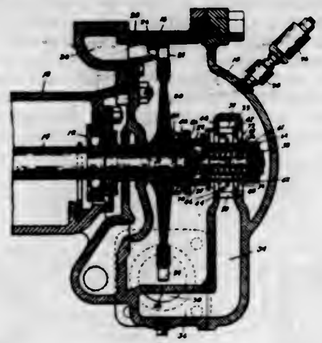


10. A vibratory unit for a loudspeaker including a pair of oppositely positioned Y-shaped pole-pieces each having a pair of forward legs and a tail portion, an apertured energizing coil carried in the recess formed by the legs of the pole-pieces, an armature in the aperture of the coil having supporting means carried by the pole pieces, and an apertured permanent magnet carried on a corresponding face of each of the tail portions with a portion of each pole-piece extending into the magnet aperture.

2,124,339
STEAM TURBINE AND SPEED CONTROLLING MECHANISM THEREFOR
Christopher A. Schellens, Marblehead, Mass., assignor to C-S Engineering Company, Englewood, N. J., a corporation of Delaware
Application November 19, 1935, Serial No. 50,577
22 Claims. (Cl. 253—59)

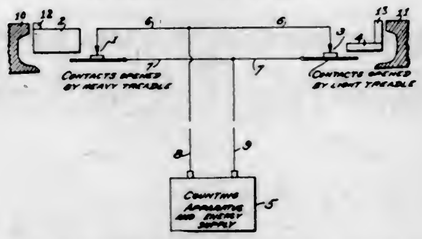
1. In a turbine, a turbine wheel, means providing an inlet passage for steam to the wheel, means providing an outlet passage for exhaust

steam from the wheel, said outlet passage having an entrance port that is co-axial with the wheel, and speed responsive means carried by



and rotatable with said wheel and including a valve member on said shaft movable in response to the speed of the wheel into throttling relation with said port.

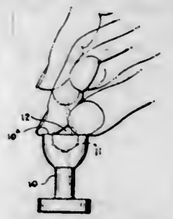
2,124,340
WHEEL ACTUATED TREADLE FOR RAILWAY SIGNALING SYSTEMS
Andrew Brown, London, England, assignor to International Standard Electric Corporation, New York, N. Y.
Application September 26, 1936, Serial No. 102,707
In Great Britain October 28, 1935
6 Claims. (Cl. 246—246)



1. An arrangement of treadles in a track way for operating an electric circuit to count the wheels of a train passing thereover, comprising two contacts connected in parallel in said circuit, a counting treadle arranged in said track way and adapted to be depressed and released for each wheel passing thereover for operating one of said contacts, and a slow acting treadle arranged in said track way and adapted to be depressed by the passage of a wheel thereover for operating the other contact, said slow acting treadle being so arranged relative to said counting treadle as to be depressed whenever the counting treadle is being operated.

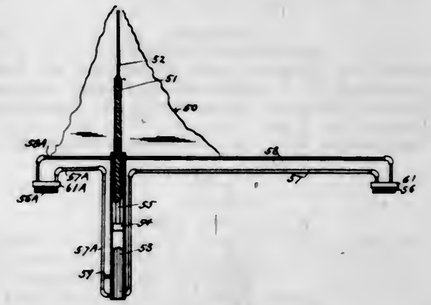
2,124,341
PUZZLE
Lacey H. Boam, Akron, Ohio, assignor of one-sixth to William R. Cash, Akron, Ohio
Application February 10, 1938, Serial No. 189,828
3 Claims. (Cl. 273—153)

3. A puzzle apparatus, comprising a ball, a supporting member having a recess therein, said recess being so proportioned as to receive said ball loosely but snugly therein and protruding therefrom with substantially not more than half of the surface of said ball protruding, and means



in said recess for engaging and centering the ball therein so as to be out of contact with the wall thereof.

2,124,342
DEVICE FOR OPENING GARAGE DOORS
George Brase, North Fork, Calif.
Application February 6, 1937, Serial No. 124,457
3 Claims. (Cl. 268—41)

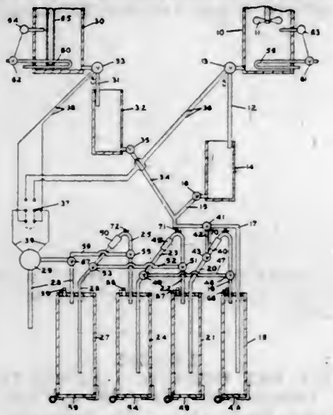


1. In an enclosure adapted to house an automobile, said enclosure having a door, a slideway adapted for the door to be moved thereon to open and closed positions, means for moving the door consisting of rollers positioned to engage the driving wheels of an automobile, a rotary pump, one of said rollers on either side of the door being adapted to actuate said rotary pump, a closed tubular chamber, a piston slidably disposed in said chamber, a piston rod attached to the piston and extending through an end of the tubular chamber, means connecting the piston rod to the door, the movement of the piston back and forth being adapted to move the door therewith, and leads from the pump to either end of the closed chamber, said pump being adapted to force a liquid through the leads and in to the tubular chamber.

2,124,343
APPARATUS FOR GRADING EMERY
Kenneth C. Burroughs, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application January 3, 1935, Serial No. 269
7 Claims. (Cl. 209—208)

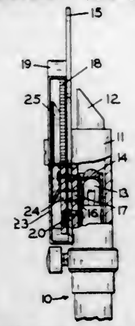
1. An apparatus of the class described comprising a plurality of settling tanks of uniform cross sectional area connected in series, each tank being of larger cross sectional area than the tank preceding it in the series, a reservoir, a second reservoir, selective means for passing fluid from either reservoir upwardly through each tank, means for maintaining the flow volumetri-

cally constant throughout the system, means for maintaining the system at room temperature and



means for preventing the formation of air bubbles in the system.

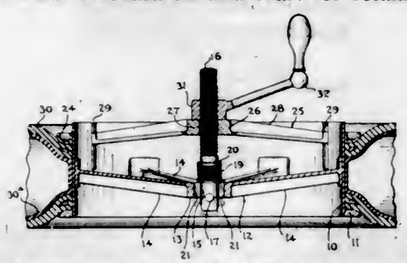
2,124,344
OPHTHALMOSCOPE
Gerhard A. Ellestad and Frederick W. Jobe, Rochester, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application June 1, 1936, Serial No. 82,810
3 Claims. (Cl. 88—22)



1. In an ophthalmoscope, a casing, a lamp within said casing, a lens disk rotatably mounted on said casing, a series of lenses carried by said disk, a series of indexes carried by said disk on the side remote from said casing for designating the particular lens used, an opening in said casing adjacent said disk, a series of openings through said disk, one for each lens and index, said openings being so positioned in said disk as to move into alignment with the opening in said casing as the disk is moved to select different lenses, and reflecting means carried by said disk for directing light passing from said lamp through said openings to said indexes.

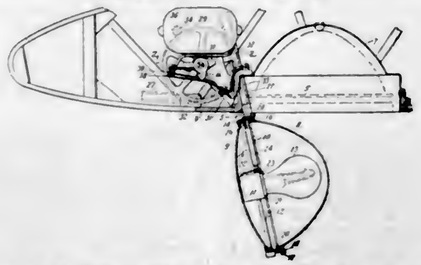
2,124,345
ADJUSTABLE RIM
Leo O. Grange, Chicago, Ill., assignor to Safety Vulcanizer Company, Chicago, Ill., a corporation of Illinois
Application February 8, 1937, Serial No. 124,710
5 Claims. (Cl. 18—18)

4. A supporting rim structure for pneumatic tires comprising a rim base having a flange at one side thereof and a central spider provided with a hub, an axially adjustable and removable flange at the other side of said rim base and slidable upon and guided by said rim base, said last-named flange being carried by a supporting central spider having a hub, a shaft extended through the hub on said rim spider and the hub on said flange spider, means for releasably securing said shaft to said rim spider whereby said rim flange may be quickly removed with its spider to permit mounting or dismounting of a tire on the rim, and a nut threaded on said shaft for retaining



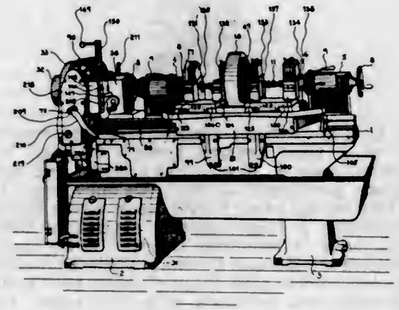
said flange spider on said shaft at various axial positions, said releasable securing means comprising a bayonet type releasable interlocking connection between the shaft and the rim spider, said shaft having bayonet pins thereon and said rim spider hub having bayonet slots therethrough permitting passage of said pins in one position of the shaft, and said rim spider hub having notches thereon to be engaged by said pins when in locked engagement, and means for yieldingly urging said shaft and said rim spider axially of each other to hold said pins in said notches.

2,124,346
LANDING LIGHT FOR AIRPLANES AND THE LIKE
Warren G. Grimes, Urbana, Ohio
Application November 4, 1935, Serial No. 48,068
2 Claims. (Cl. 240—41)



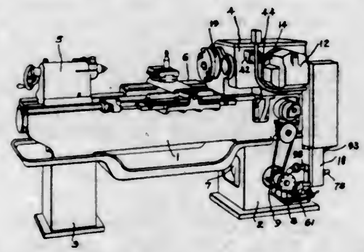
1. In a prefocussed lamp unit for a light fixture having a reflector, said unit comprising a lamp support of skeleton form adapted to be removably mounted at its outer edge on said fixture adjacent the peripheral edge of said reflector and in an exact predetermined position with relation to said fixture, a lamp receiving member immovably mounted on said lamp support near the center thereof, said lamp receiving member projecting beyond the side of said lamp support opposite said reflector and facing said reflector, and a lamp immovably mounted in said lamp receiving member in an exact predetermined relation to said lamp support which will cause said lamp to be supported in focussed relation to said reflector when said lamp support is mounted in said predetermined position on said fixture.

2,124,347
CENTER DRIVE CAMSHAFT LATHE
William F. Groene and Ross M. Bacon, Cincinnati, Ohio, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application January 21, 1937, Serial No. 121,510
17 Claims. (Cl. 82—19)



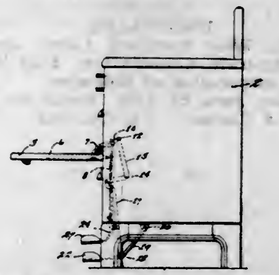
1. In a lathe, a rotatable work holder, means for rotating said work holder, tool feeding devices reciprocatable relative to a work piece in said work holder, rotary cam means for longitudinally feeding said tool feeding devices, combined rotary and straight cam means for relieving said tool feeding devices relative to the work piece, and non-reversing transmission mechanism operable by the means for rotating said work holder to render said cam means effective.

2,124,348
HYDRAULIC LATHE TRANSMISSION
William F. Groene, Ross M. Bacon, and Harold J. Siekmann, Cincinnati, Ohio, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application April 26, 1937, Serial No. 138,960
11 Claims. (Cl. 82—2)



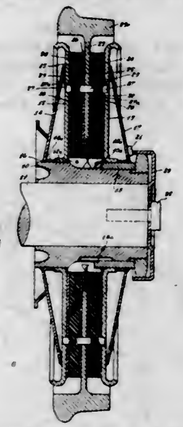
1. In a lathe, a bed, a supporting base for said bed, a headstock mounted on said bed, means for rotating the work spindle in said headstock comprising a hydraulically driven change speed transmission in said headstock, a fluid pressure pump and a driving motor for said pump mounted in said base, a hydraulic control panel mounted on said base, inter-connecting means between said panel and said pump and hydraulic driving motor, means for effecting speed changes in said change speed transmission, and means for operating said control panel whereby said hydraulic driving motor may cause the spindle to rotate at a predetermined relatively slow rate of speed to facilitate making said speed changes in said change speed transmission.

2,124,349
DOOR OPERATING DEVICE
George Herbster, Cleveland, Ohio
Application April 15, 1936, Serial No. 74,501
8 Claims. (Cl. 126—192)



1. In an apparatus having a compartment, a door hinged along one of the margins of the door for swinging about a horizontal axis to open and closed positions respectively, means yieldably urging the door to one of said positions, and pneumatic buffer means for resisting movement of the door in a direct proportional relationship to the speed of swinging of the door for preventing slamming thereof and operative to offer substantially no resistance to the swinging of the door when the door is moved more slowly toward said position, and operative during movement of the door along an intermediate portion of its path of travel to offer substantially no resistance to the movement thereof.

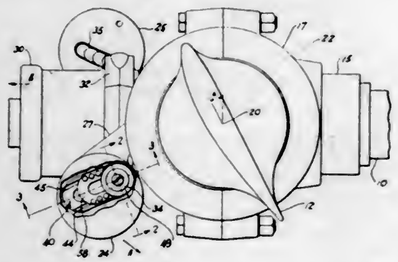
2,124,350
WHEEL ASSEMBLY
Clarence F. Hirshfeld, Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y., a corporation of New York
Application July 15, 1936, Serial No. 90,679
9 Claims. (Cl. 295—11)



1. A wheel comprising a hub, a pair of spaced radial side plates secured thereto, a radial central plate lying between said side plates and spaced radially from said hub, a tire carried by said central plate, flat slabs of rubber lying between said plates and resiliently connecting said central plate to said side plates, sheets of metal bonded to the faces of said slabs of rubber and lying against said plates, and means to prevent sliding of said sheets with respect to said plates including a pin extending through said central plate

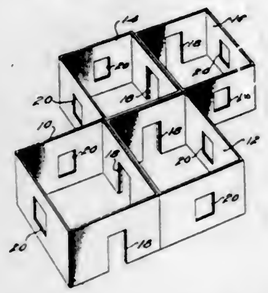
and into apertures in the sheets on either side thereof, said apertures being reenforced by encircling flanges integral with said sheets.

2,124,351
PROPELLER
Erle Martin, West Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application June 28, 1935, Serial No. 28,888
8 Claims. (Cl. 170—163)



1. In a controllable propeller having blades journalled for angular adjustment about their axes, adjusting means secured to each blade and movable therewith for increasing the blade angle, and power actuated control means for controlling the action of said adjusting means, an anti-friction connection between said adjusting means and said control means comprising, flat race members slidable longitudinally with respect to each other and secured to said adjusting means and said control means respectively, and a group of anti-friction elements disposed between said race members and extending beyond one of said race members in the direction of relative movement therebetween.

2,124,352
DOLL HOUSE ASSEMBLY
Doris T. Patten, Bloomfield Hills, Mich.
Application March 2, 1938, Serial No. 193,383
6 Claims. (Cl. 46—21)



6. A portable doll house assembly comprising a base, a plurality of complementary box-shaped members in nested relationship to each other supported on said base, said members being open through their bottoms and tops, a holding member secured to said base and extending upwardly through said members above the tops thereof, and a closure member disposed over the tops of said members and having an opening therein through which said holding member extends.

2,124,353
STORE FRONT CONSTRUCTION
Francis J. Plym, Niles, Mich., assignor to The Kawneer Company, Niles, Mich., a corporation of Michigan
Application June 22, 1935, Serial No. 27,885
6 Claims. (Cl. 20—56.4)

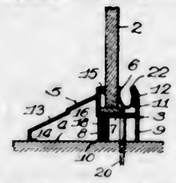


1. In a store front construction, the combination of a pane seating section adapted to be mounted upon a sill or other support and having a flange positioned adjacent to but spaced from the rear of the pane, a base upon which the pane is mounted, a longitudinally extending channel and a ledge; a moulding adapted to be mounted upon said section and having a projection adapted to be received in said channel and a part adapted to overlap and interlock with said ledge; and a resilient member adapted to seat intermediate the pane seating section and rear of the pane for yieldably retaining the pane in position.

2,124,354
STORE FRONT CONSTRUCTION
Francis J. Plym, Niles, Mich., assignor to The Kawneer Company, Niles, Mich., a corporation of Michigan
Application June 22, 1935, Serial No. 27,886
2 Claims. (Cl. 189—78)

1. A bar construction for joining adjacent sections or panes of glass, comprising a member formed with outwardly projecting and longitudinally extending flanges providing a channel on the opposite sides of said bar for receiving said adjacent sections or panes, the inner flanges being curved, and a continuous strip of resilient metal adapted to be forced into each channel intermediate the inner face of each section or pane and the inner flange with a side of said strip taking the contour of the inner flange and thereby being anchored in position and the other side seating against the pane.

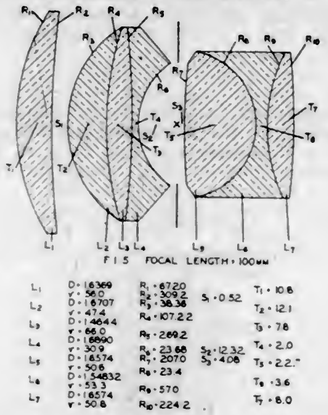
2,124,355
STORE FRONT CONSTRUCTION
Francis J. Plym, Niles, Mich., assignor to The Kawneer Company, Niles, Mich., a corporation of Michigan
Application March 20, 1936, Serial No. 69,912
2 Claims. (Cl. 20—56.4)



1. In a store front construction, the combination of a pane seating section formed of extruded metal having spaced legs for supporting the

section and a longitudinally extending and upwardly opening channel in one of the supporting legs, a moulding also of extruded metal having a glass supporting part and a face part provided with a flange adapted to seat upon the sill or other base on which the construction is mounted at a point considerably forward of the plane of the glass so as to provide a spaced and rigid support therefor, a projection on the moulding adapted to seat in the groove in the pane seating section and provided with a shoulder adapted to seat upon the leg, an upstanding flange on the section, and a resilient member adapted to be pressed into the space intermediate the upstanding flange and the rear of the glass to exert a yieldable holding pressure against the pane.

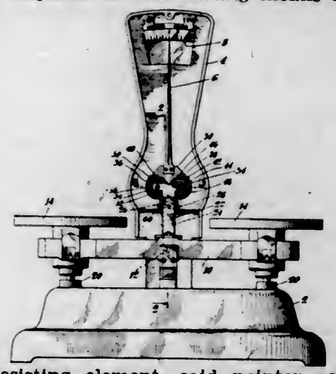
2,124,356
PHOTOGRAPHIC OBJECTIVE
Wilbur B. Rayton, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application February 8, 1937, Serial No. 124,599
4 Claims. (Cl. 88—57)



1. A rapid objective comprising seven lenses arranged in axial alignment in three groups separated from each other by two air spaces, the first group consisting of a single collective front element of highly refractive glass, the second group consisting of three elements cemented together to form a meniscus member of negative power with its positive surface facing the first group, the third group consisting of a biconcave lens cemented between two biconvex lenses, the cemented surface nearer said second group being highly concave toward said second group.

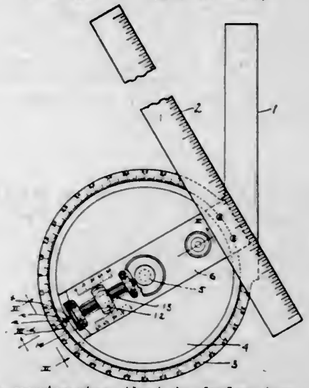
2,124,357
SCALE AND INDICATOR OPERATING MEANS THEREFOR
Herman D. Ridge, Scarsdale, N. Y., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey
Application August 22, 1936, Serial No. 97,334
17 Claims. (Cl. 265—59)

1. An instrument comprising a pointer carrying member having a bearing about which it is movable, a pointer carried by said member, a chart cooperating with said pointer, an operating arm having a bearing about which it is movable, opposed resisting elements acting on said pointer carrying member and arm tending to hold the pointer carrying member and arm in zero positions, means connecting said resisting elements to said arm, said resisting elements and the bearings for said pointer carrying member and arm being so arranged that movement of said arm away from said zero position tends to displace the connecting means for one of said resisting elements a greater distance with respect to the bearing for said pointer carrying member than it displaces the connecting means for the



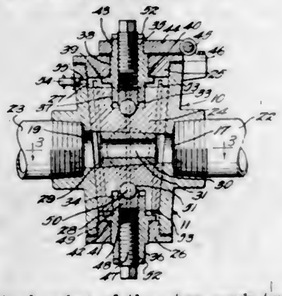
other resisting element, said pointer carrying member being movable by said resisting elements to equalize the force exerted by said elements on said pointer carrying member and arm, whereby the movement of said pointer carrying member is amplified.

2,124,358
INSTRUMENT OF PRECISION
Frank Vancura, Pittsburgh, Pa.
Application September 8, 1937, Serial No. 162,891
2 Claims. (Cl. 33—75)



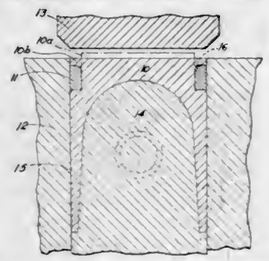
2. In a protractor that includes two straight edges and two disks co-axially mounted and relatively rotatable, a refinement of structure adapted to afford more accurate mensuration, such refinement consisting in a plate mounted for rotation on the common axis of the two disks, the said plate carrying integrally one of the two straight edges, means for alternately securing the plate for integral rotation with and releasing it for independent rotation with respect to one of the two disks first named, the second of the two disks first named being the one that carries the other straight edge, the said plate and the first of the two disks first named being slotted with parallel-sided slots that extend in general radial direction with respect to the axis of turning but having in the assembly mutual obliquity of position, and a block engaging at once the parallel sides of both slots and movable longitudinally of the so engaged slots and radially with respect to the axis of turning.

2,124,359
STOPCOCK
Edwin C. Rudolf Weisgerber, Los Angeles, Calif., assignor to J. R. Pemberton, Los Angeles, Calif.
Application July 8, 1935, Serial No. 30,266
3 Claims. (Cl. 251—112)



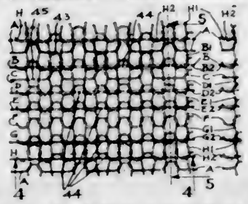
1. A control valve of the stop cock type which includes a valve housing having a tapered valve seat, a tapered valve member rotatably disposed within said housing and upon said seat, valve ports from the side wall of the housing and a valve passageway from the valve member and adapted to be rotated to register with the ports, squared recesses formed in the opposite ends of the member, means closing the opposite ends of the valve housing, means extending through the closures and into the valve recesses in the opposite ends of the valve member to rotate the same, the valve member being longitudinally movable with relation to said rotating means, and yieldable means interposed within the recesses and between said rotating means and the valve member for yieldably resisting longitudinal movement of the valve member with relation to the rotating means in either direction, and adjusting means for controlling the degree of yieldability of said yielding means.

2,124,360
PISTON AND METHOD OF MAKING
George Donald Welty, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 7, 1935, Serial No. 20,228
14 Claims. (Cl. 29—156.5)



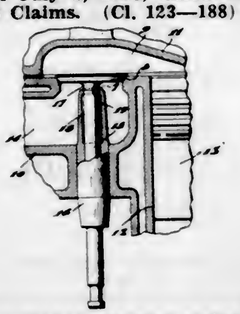
14. The process of making a piston including forming a piston blank with an end portion of reduced diameter, assembling on said reduced end portion a wear resistant band having a portion projecting radially inward intermediate its upper and lower edges, subjecting the reduced end portion of the blank to a pressure operation, thereby flowing the metal thereof radially outward into overhanging engagement with the inward projection on said band and substantially flush with the upper edge of said band.

2,124,361
KNITTED PILE FABRIC
Harry Fleisher, Watertown, Conn., assignor to Princeton Inc., Watertown, Conn., a corporation of Connecticut
Application February 16, 1938, Serial No. 190,763
Renewed June 21, 1938
8 Claims. (Cl. 66—191)



1. A knitted pile fabric consisting of repeating series of courses, each series consisting of at least one course having floats at every odd numbered wale, one course having floats at every even numbered wale, a plurality of courses having pile-loops extending outwardly from one surface of the fabric, and a course without floats or pile-loops.

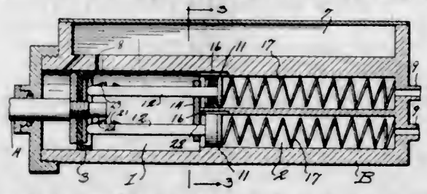
2,124,362
AIR INSULATED VALVE AND GUIDE FOR INTERNAL COMBUSTION ENGINES
Victor F. Zahodiakin, New York, N. Y.
Application July 2, 1936, Serial No. 88,644
6 Claims. (Cl. 123—188)



1. In an internal combustion engine including a cylinder block and head, said parts including an exhaust passageway incorporating a valve seat, a valve guide element mounted in the cylinder block and extending to a point just below the valve seat, a valve slidably mounted in said guide for engagement on said seat and including a portion of reduced diameter immediately adjacent its head, the shoulder between the reduced diameter portion and the body of the stem disposed within the upper end of the valve guide when the valve is seated and adapted to scrape any carbon deposits from the upper end of the valve guide upon the opening movement of the valve, said valve guide including a counterbored portion terminating slightly below the outer end of the vave guide and extending along that portion of the valve guide disposed across the exhaust passageway, thereby providing an insulating chamber.

2,124,363
MASTER CYLINDER FOR HYDRAULIC BRAKING SYSTEMS
Wallace A. Bertrand, Parkersburg, W. Va.
Application February 11, 1937, Serial No. 125,312
13 Claims. (Cl. 60—54.5)

1. A pressure unit for use in a hydraulic braking system comprising a main cylinder, subcylinders in communication with the main cylinder, each of said subcylinders being adapted for communication with the operating mechanism for a brake, a main piston working in the main cylinder, pistons working in the subcylinders, means for connecting the main cylinder with an operator, and stems to which are connected the pistons in the subcylinders, said stems having free contact with the main cylinder when the main cylinder and subcylinders are in full release, the



aggregate working areas of the pistons in the subcylinders being less than the area of the working face of the main piston, said subcylinders having bypasses communicating therewith for a limited distance inwardly from the outer ends of said subcylinders, said bypasses being also in communication with the main cylinder, the pistons within the subcylinders passing beyond said bypasses upon initial unitary movement of the main piston and the pistons within the subcylinders.

2,124,364
OVER-VOLTAGE PROTECTIVE DEVICE
Leon S. Brach, East Orange, N. J.
Application January 7, 1935, Serial No. 708
12 Claims. (Cl. 175—215)



1. A protective device of the class described including, a sealed tube filled with an inert gas such as neon, a pair of bi-metallic electrodes mounted in spaced relation within the tube, each of said electrodes having a plurality of definite predetermined portions forming arc gaps for the passage of current therebetween.

7. A lightning arrester comprising a container and electrodes normally separated by a gap, at least one of said electrodes being bi-metallic, the electrodes being relatively movable toward each other in response to the passage of current through the gap, and thermally responsive means carried by said container for automatically increasing the current-carrying capacity of the arrester by shunting current around said electrodes.

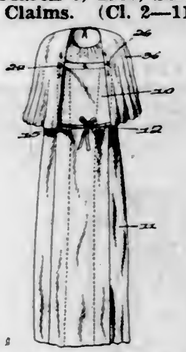
2,124,365
INTERNAL COMBUSTION ENGINE
Manly E. Carroll, Miami, Fla., assignor to The Universal Generators Corporation, Inc., Miami, Fla., a corporation of Florida
Application July 27, 1936, Serial No. 92,870
4 Claims. (Cl. 123—122)

1. A combination manifold for internal combustion engines comprising an elongated hollow casting having a top and bottom and inner and outer walls, a substantially L-shaped web arranged within the casting and merging into the inner wall and top and dividing the interior of the casting into an intake passageway and an exhaust gas passageway, ported nipples for introducing exhaust gases into the exhaust gas passageway, medial and end ports for discharging heated explosive gases from the intake passageway, a port for introducing an explosive mixture



into the medial portion of the top of the casting, and means within the intake passageway for causing the mixture introduced through the last mentioned port to travel substantially the same distance in reaching any one of said medial or end ports, said last mentioned means including a substantially V-shaped baffle arranged vertically within the intake passageway between the explosive mixture intake port and said medial port, said baffle having its upper portion merging into said top and its lower portion merging into said web.

2,124,366
CLINICAL-CHIRURGICAL-ROBE
América Fundora de Lasarte, Habana, Cuba
Application March 6, 1937, Serial No. 129,466
7 Claims. (Cl. 2—114)

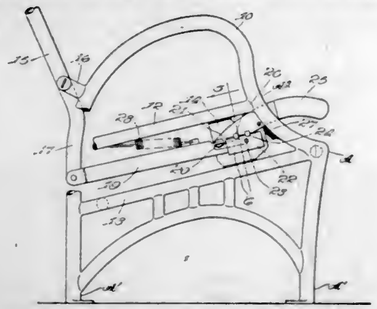


1. A garment of the character described comprising a backless and sleeveless waist member and a skirt member united at the waist line of the garment, a neck member for holding the upper portion of the waist in form fitting position, an opening formed in the front portion of the garment and extending from below the waist line of the skirt to the breast region of the waist member, a detachable flap for closing the opening, and means for detachably securing the flap at the waist line and the breast region whereby different portions of the flap may be opened to conveniently expose a desired anatomical portion of a person without unduly exposing the adjacent portions.

2,124,367
ADJUSTABLE BACK CHAIR
William A. Duvall, Cleveland, Ohio, and Clarence A. Van Derveer, Michigan City, Ind., assignors, by mesne assignments, to S. Karpen & Bros., a corporation of Illinois
Application May 21, 1936, Serial No. 81,114
3 Claims. (Cl. 155—161)

2. In combination: a chair-frame having on

one end portion a sleeve comprising a metal piece securely attached to said end portion, said sleeve having a stud extending therethrough and having spaced notches at its top portion; a back pivotally mounted on said frame and equipped with a depending extension; a locking arm having its rear end connected to said depending extension and having its forward end disposed in



said sleeve, the forward top end of said arm being equipped with spaced notches; a spring connected at its one end to said arm and at its other end to said frame, said spring being arranged to urge said arm rearwardly; and a release lever pivotally supported on the frame at its rearward end and provided with a tooth adapted to engage a notch in said arm and sleeve when said lever is in lowered position.

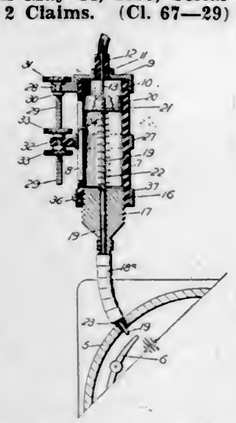
2,124,368

FLASHLIGHT ATTACHMENT FOR CAMERAS

Edward O. Eisenhand, Denver, Colo.

Application May 14, 1935, Serial No. 21,313

2 Claims. (Cl. 67—29)



2. A device for timing the operation of a camera-shutter with that of an illuminant, comprising a circuit, an illuminant in the circuit, a circuit-controlling switch including normally separated contacts one of which is movable relative to the other, the movable contact being a part of a shutter-actuating device, manual means for the operation of said device, a casing for the movable contact, having a slot, a carrier for the other contact, projecting the same through the slot, into the path of the movable contact, and slidable on the casing, and means to adjust the contact on the carrier, in the direction of the path of the movable contact, by movement of the carrier.

2,124,369

PROPELLER

Walter W. Everts, Baltimore, Md., assignor to Everel Products Corporation, Baltimore, Md., a corporation of Maryland

Application February 4, 1937, Serial No. 124,120

7 Claims. (Cl. 170—162)



1. A propeller comprising an elongated rotary element, a bearing device mounted upon the elongated rotary element to rotate therewith and turn upon an axis radially of the rotary element, a second bearing device mounted upon the first named bearing device and capable of swinging in a direction longitudinally of the rotary element and positively turning with the first named bearing device, and a single blade propeller mounted upon the second bearing device, said propeller embodying a blade having unbalanced areas arranged forwardly and rearwardly of the longitudinal axis of the blade and having a centrifugally operated portion adapted to turn the blade upon its longitudinal axis when the pressure upon the blade varies at any given speed of rotation, the first and second named bearing devices serving to rotate the propeller, and means to substantially balance the radial thrust of the propeller.

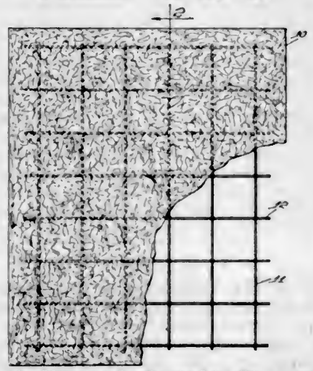
2,124,370

INTERIORLY SUPPORTED FILTER PAD

Herbert M. Gaarder, Chicago, Ill., assignor to Wilson & Co., a corporation of Delaware

Application December 13, 1937, Serial No. 179,561

2 Claims. (Cl. 183—49)



1. An air filter pad adapted to fit an opening in an air passageway, comprising a pad of loosely

distributed interconnected resilient fibrous filtering material, a coarse mesh screen support embedded in the pad and glued to adjacent fibers, the screen being of substantially smaller area than the pad, but having a size sufficient to support the pad in operating position.

2,124,371

METHODS OF PRODUCING PHOTOGRAPHIC IMAGE CARRIERS PROVIDED WITH PRECIPITANTS FOR COLORING DYES

Richard Gschöpf and Karl Pokorny, Vienna, Austria; said Pokorny assignor to said Gschöpf

No Drawing. Original application January 10, 1934, Serial No. 706,128. Divided and this application October 30, 1934, Serial No. 750,688. In Austria July 22, 1933

2 Claims. (Cl. 101—149)

1. A method of producing a carrier for imbibition dye prints in which the gelatine layer is provided with precipitants for the dyestuffs, consisting in introducing ammonia into a solution of gelatine, adding a dye mordant in the form of a complex acid thereto, adding acetic acid in amount sufficient to react with the ammonia to form ammonium acetate, and utilizing the resultant solution for making a carrier film.

2,124,372

STARCH

Carl C. Kesler, Cedar Rapids, Iowa, assignor to Penick & Ford, Ltd., Incorporated, a corporation of Delaware

No Drawing. Application May 4, 1936, Serial No. 77,863

4 Claims. (Cl. 127—33)

1. The method of forming a starch product, comprising: heating, in water, raw starch in the presence of a disintegration-inhibitor to a temperature sufficient to distend the granules until their crosses disappear when observed with crossed Nicols, and discontinuing said heating before the bulk of said granules have disintegrated.

2,124,373

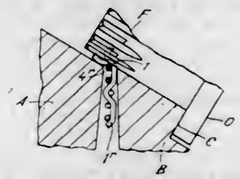
ENDLESS SCREEN WIRE FABRIC AND METHOD OF MAKING SAME

Hans Kurtz, Reutlingen, Germany

Application February 27, 1937, Serial No. 128,285

In Germany March 4, 1936

8 Claims. (Cl. 245—10)



1. The method of making endless screens of three end twill wire fabric having warp wires arranged in groups of three, comprising in removing a weft wire at one end of the screen and erecting at least one of two warp wires in each group which are below the said removed weft wire at one end of the fabric, placing the erected wire above the corresponding horizontal warp wire of the other end of the fabric, and welding the upturned warp wire down onto the horizontally alined warp wire of the other end of the fabric.

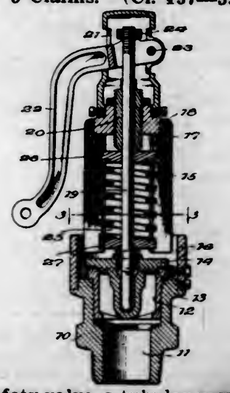
2,124,374

SAFETY VALVE

Ollie L. Mulloy, Shreveport, La., assignor to Alva G. Blanchard

Application March 1, 1937, Serial No. 128,502

5 Claims. (Cl. 137—53)



3. In a safety valve, a tubular member having a seat therein, a valve having a stem, a spring yieldingly urging the valve against said seat, a cage including an upper guide body for said stem and a band adapted to be secured to said tubular member about said valve with a plurality of separate flat bars connecting said upper guide body axially of said band, said bars having their wide dimension radiating from center of valve to provide maximum lateral passages for the escape of fluid.

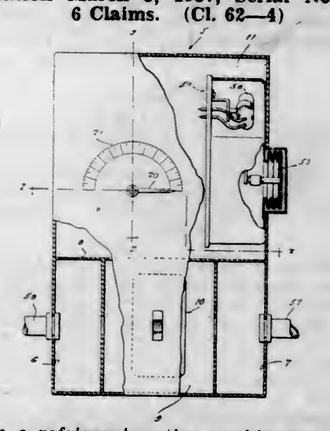
2,124,375

REFRIGERATOR CONTROL

Ray G. Phillips, Port Huron, Mich.

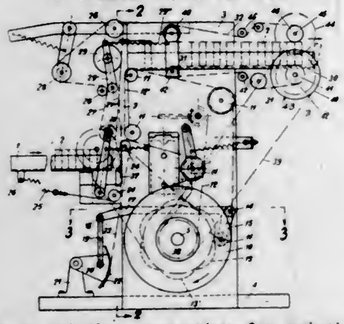
Application March 8, 1937, Serial No. 129,745

6 Claims. (Cl. 62—4)



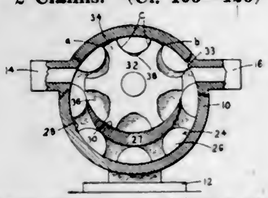
1. In a refrigerator, the combination of a refrigerating compartment, refrigerating means for said compartment, means for energizing said refrigerating means to maintain said refrigerating means at a temperature below freezing, time control means comprising a periodically operated switch for de-energizing said refrigerating means for a predetermined period to defrost said refrigerating means, and means comprising a thermostatic switch responsive to an increase in temperature within said compartment above that required for defrosting said refrigerating means to energize said refrigerating means independently of said periodically operated switch.

2,124,376
PRINTING APPARATUS
Josef Róna, Budapest, Hungary
Application April 9, 1936, Serial No. 73,559
In Belgium April 8, 1935
6 Claims. (Cl. 101—35)



1. In a printing apparatus for printing box shaped articles, spaced parallel conveyor belts movable synchronously in the same direction for carrying between them the box shaped articles to be stamped, means for feeding box-shaped articles to said belts, means for driving said belts, means for guiding opposite substantially parallel portions of the belts first vertically upwardly and then in a curved path to a substantially horizontal plane, printing rollers arranged opposite the edges of the belts for printing upon opposite sides of the boxes as the belts move said boxes upwardly, and means for guiding the box-shaped articles leaving the conveyor belts in a direction toward the horizontal plane occupied by said feeding means.

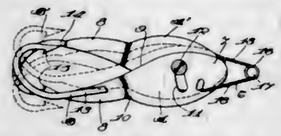
2,124,377
ROTARY PUMP
Waldo P. Schirmer, Cleveland, Ohio
Application February 19, 1936, Serial No. 64,614
2 Claims. (Cl. 103—126)



2. A rotary pump comprising a casing having an intake and a discharge opening, a pair of cooperative internal and external gear wheels rotatably mounted within said casing and eccentrically disposed with respect to each other, a shaft connected with one of said gears, the teeth on said external gear being substantially semi-cylindrical in form with their cylindrical surfaces presented inwardly, the radial centers of said cylindrical teeth lying substantially on the outer peripheral surface of said gear wheel, said internal gear wheel being provided with cooperative recesses of corresponding semi-cylindrical design, the radial centers of said recesses adapted to coincide with the radial centers of said teeth when the said teeth and recesses are fully meshed.

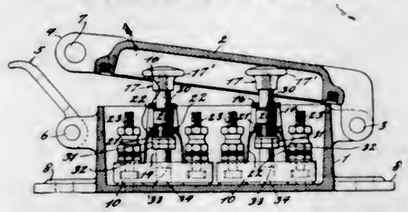
2,124,378
ARTIFICIAL BAIT
Werner H. Steger, Chicago, Ill.
Application July 11, 1936, Serial No. 90,172
1 Claim. (Cl. 43—36)

An artificial bait, which in plan view has the appearance of a frog, comprising: a pair of similar members having broadened front end portions resiliently connected by means of a spring adapted to urge the narrow rear ends of said members to extended position, a hook mounted on each of said members and normally extending towards the companion member so that each of said members completes an open faced loop with the hook on the other member and forms



a yielding weed-guard for said hook, a pin-and-slot connection between the broadened front end portions of the members to limit the outward movement of the hooks from guarded position, and a resilient wire clip fastened to the forward portion of one of the members so as to be adapted to hold an auxiliary bait and grip the other of said members in juxtaposition with the hooks unguarded.

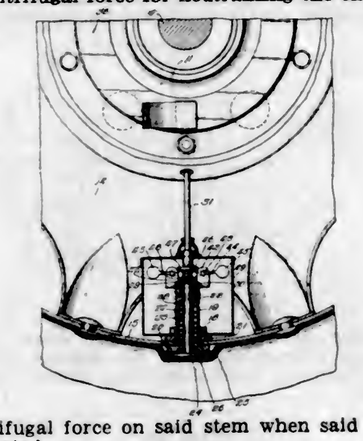
2,124,379
CIRCUIT SWITCH
Thomas George Stiles, Arlington, N. J.
Application July 6, 1935, Serial No. 30,065
3 Claims. (Cl. 200—50)



1. The combination with a support of insulating material having a guide opening therein, of a circuit switch mounted thereon comprising opposed contact fingers and an intermediate cooperative switch member, the latter consisting of a longitudinally movable pull-rod having removably mounted thereon two collars, one of conducting and the other of non-conducting material, for alternate engagement with the contact fingers, said collars being reversible in position on the pull-rod for providing normal open or closed circuits as desired, and a nut threaded onto the end of the pull-rod for retaining the said collars thereon, said nut having an extension slidably fitted into the said guide opening in the support to serve as a guide for the pull-rod in its switch operating movements.

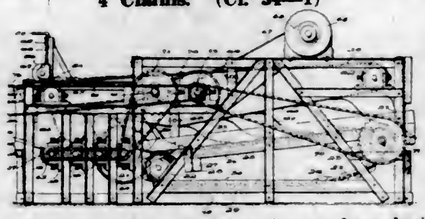
2,124,380
TIRE PRESSURE INDICATOR
Ray E. Walters and Clarence E. Ruch, Nappanee, Ind.
Application October 26, 1936, Serial No. 107,670
5 Claims. (Cl. 200—58)

1. A pressure responsive switch for the tire on a wheel of a vehicle adapted to energize indicating means within said vehicle, including: tube means mounted on said wheel; a stem within said tube adapted to be acted upon by the pressure existing within said tire; a pair of contacts adapted to be closed when said stem moves as a result of a drop in pressure in said tire below a predetermined desired amount; and means operatively connected to the stem and responsive to centrifugal force for neutralizing the effect of



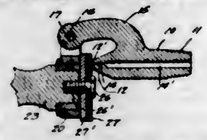
centrifugal force on said stem when said wheel is rotated.

2,124,381
MEANS FOR DRYING FRUIT
Edwin M. Wayland, Covesville, Va.
Application July 18, 1934, Serial No. 735,886
4 Claims. (Cl. 34—1)



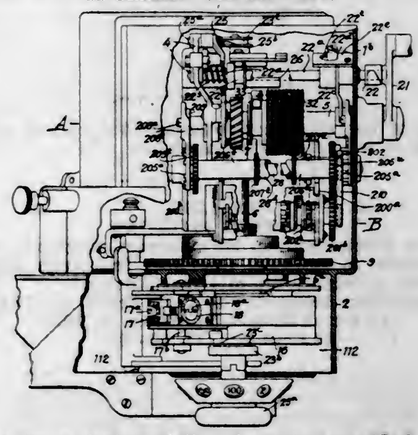
1. A fruit drying machine for surface-drying dripping wet fruit which substantially avoids tracking of liquid to the dry end of the machine, comprising an initial drying section embodying a plurality of high speed rotary brushes adapted to impart rapid spinning movement to the fruit to discharge large moisture drops therefrom, and a second drying section to which the no longer dripping wet fruit is passed comprising a live-roll conveyor and a counter moving series of depending absorbent wiper means overlying the same to contact and absorb residual moisture from the fruit, said wiper means extending in part over said rotating brushes.

2,124,382
GAUGE COCK
William E. Whaley, Overton, Tex., assignor to Alva G. Blanchard, Shreveport, La.
Application July 22, 1936, Serial No. 92,053
2 Claims. (Cl. 251—126)



2. In a gauge cock, a fluid discharging nipple, an arm extending from said nipple, a handle, a seat facing thereon presented toward said nipple, a ring hinged to said arm and swivelly supporting said handle which may be rotatably adjusted in said ring, whereby new surfaces on said seat facing may be presented to said nipple by rotating said handle in said ring.

2,124,383
POSTAGE METER MACHINE
Walter H. Wheeler, Jr., and Jacob W. Ogden, Stamford, Conn., assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn., a corporation of Delaware
Application September 26, 1933, Serial No. 691,068
11 Claims. (Cl. 235—101)



1. In a device of the character specified including a register wheel of lower order and a register wheel of higher order, alternately operable driving mechanisms for actuating the register wheel of higher order, said driving mechanisms consisting of ratchet pawls, and supplementary driving means functioning once for each cycle of operation to assure the engagement of both drives for the ensuing registration during the next cycle of operation.

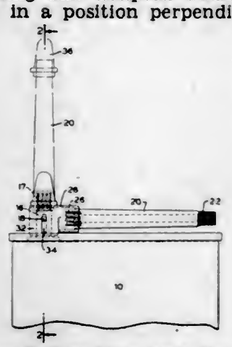
2,124,384
FLOOR TILE AND PROCESS OF MAKING SAME
Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application June 20, 1935, Serial No. 27,539
3 Claims. (Cl. 106—7)

1. A sheet-like product suitable as a floor covering which is made up of resinated sulphur as the essential binder, associated with comminuted calcium sulphate material which contains water of crystallization.

2,124,385
COLLAPSIBLE POURING SPOUT
Philip W. Gauss, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application May 1, 1937, Serial No. 140,086
3 Claims. (Cl. 221—26)

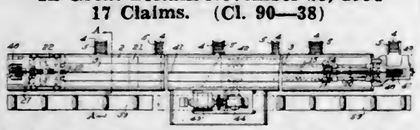
1. In combination with a container having a neck, outwardly projecting pins disposed on opposite sides of said neck, a housing formed with oppositely disposed longitudinal slots each adapted to accommodate one of said pins to permit longitudinal and vertical movement of the housing with respect to the plane of the end of the container, and a spout slidably mounted

in said housing and adapted when it and the housing are in a position perpendicular to the



end of the container to engage the end of said neck in a liquid tight connection.

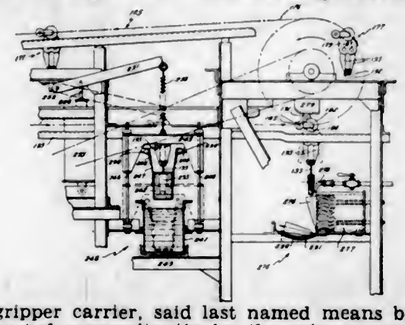
2,124,386
PLANING MACHINE
John Edwin Malam, Birmingham, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
Application September 9, 1935, Serial No. 39,846
In Great Britain November 23, 1934
17 Claims. (Cl. 90—38)



1. Apparatus for treating the surface of a material, particularly a non-plane undulating strip material, comprising means for supporting the said material, a tool capable of movement toward and away from the surface of the material being treated for removing from said material a surface layer of small thickness, means for causing the said tool and the material to move longitudinally in cooperating relationship relative to each other, resilient means for pressing the tool against the surface of the material being treated, and means rigidly mounted relative to the tool and arranged to contact with the undulating surface of said material solely at a point abreast of and substantially in alignment with the cutting edge of said tool for solely controlling the position of the said tool relative to the said supporting means in accordance with the contour of the surface being treated.

2,124,387
MACHINE FOR MAKING FROZEN CONFECTIONS
William J. Taylor, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Original application December 13, 1935, Serial No. 54,166. Divided and this application January 18, 1937, Serial No. 121,114
2 Claims. (Cl. 91—4)

1. In a machine of the class described comprising a conveyor provided with gripper carriers, the grippers being adapted to seize the sticks projecting from frozen confections and means for continuously advancing the conveyor and the confections suspended from the gripper carriers along a path of travel, a fixed tank of fluid for coating the confections over which the confections are carried, a vertically reciprocable tank normally within the fixed tank and filled by the fluid therein and means for raising said second named tank to receive momentarily and apply a coating to the confections suspended from



a gripper carrier, said last named means being actuated concomitantly by the gripper carriers next ahead and behind the first named gripper carrier.

2,124,388
MANUFACTURE OF FORMALDEHYDE
John Morris Weiss, New York, and Charles Raymond Downs, Yonkers, N. Y., assignors to Bakelite Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application November 12, 1926, Serial No. 148,097
5 Claims. (Cl. 260—138)

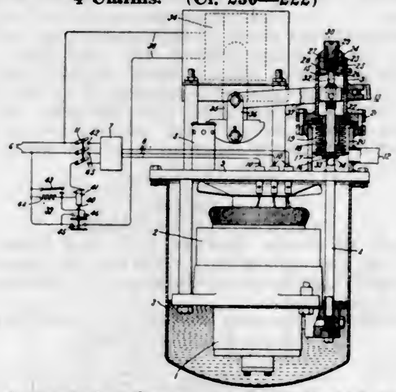
1. The process of producing formaldehyde, which comprises passing a mixture of methyl alcohol in the vapor phase and an oxygen-containing gas into contact with a catalyst mass consisting chiefly of a mixture of vanadium and molybdenum oxides in substantially equimolecular proportions and each amounting to at least 40% of the catalyst mixture.

2,124,389
MECHANIC'S CREEPER
Frank C. Woelfer, Jr., Cincinnati, Ohio, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio, a corporation of Ohio
Application March 11, 1937, Serial No. 130,334
1 Claim. (Cl. 280—61.5)



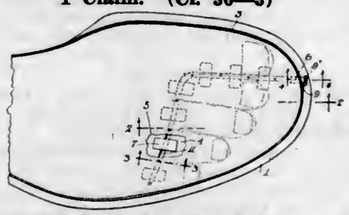
A mechanic's creeper comprising an elongated rectangular body formed from a single piece of sheet metal and including a downwardly extended flange around its edge, said flange including a bead turned outwardly along the lower edge of the flange forming a bumper, said body further including a depression disposed lengthwise thereof, the bottom of said depression including a flat horizontal portion, said body having a horizontal marginal portion around said depression, a caster supporting each corner of the body with the lower edge of the downwardly turned flange and the flat portion of the depression just clear of the floor but sufficiently close enough thereto for causing the flat portion and the lower edge of the flange to be engaged upon and supported by the floor in the event that a car runs over the creeper, and a head rest pad at one end of the creeper on a horizontal end marginal portion thereof.

2,124,390
VACUUM PUMP APPARATUS
Frederick H. Anderson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 7, 1935, Serial No. 20,155
4 Claims. (Cl. 230—222)



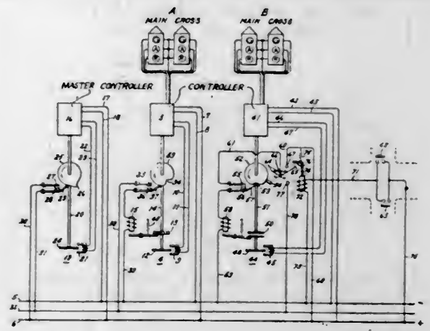
1. A control valve apparatus adapted to be interposed between an exhaust line and an exhaust pump, said valve apparatus including a hollow valve stem, valve means at one extremity of said stem adapted to open and to close the path from said exhaust line to said pump, and a second valve means at the other extremity of said stem operable simultaneously with said first-named valve means to admit air through said stem to said pump from outside said exhaust line when said first-named valve means is in closed position and to exclude air to said pump from outside said exhaust line when said first-named valve means is in open position.

2,124,391
VENTILATED SHOE
Milan L. Baran, South Orange, N. J.
Application January 6, 1937, Serial No. 119,253
1 Claim. (Cl. 36—3)



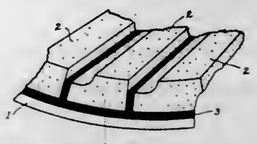
The combination of a shoe having an insole, said insole being split from its toe portion inwardly, the lower portion of the split insole having an air inlet groove in its upper face communicating at one end with the outside of the shoe, said groove being located in that portion of the insole occupied by the toes of the wearer and the upper portion of the split insole having perforations therein communicating with the groove, and bridge pieces extending over the groove and located between the split portions of the insole and between the perforations.

2,124,392
TRAFFIC-SIGNALING SYSTEM
Howard H. Bell, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 19, 1933, Serial No. 681,125
5 Claims. (Cl. 177—337)



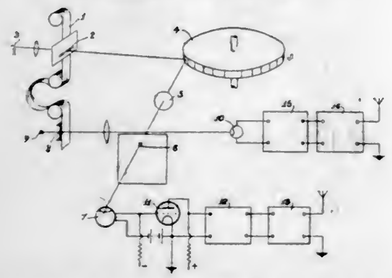
1. In a traffic-signaling system, the combination of a plurality of groups of traffic signals, circuit controllers arranged to operate said groups of signals respectively, continuously-operating motors and connecting means for connecting said motors to drive said controllers respectively, a normally-inactive controller connected to one of said groups of signals, a continuously-operated motor for driving said controller, connecting means for effecting operation or stoppage of said controller, a cam operated by said controller for controlling said last-mentioned means and for effecting a stoppage of said controller when said controller has operated its traffic signals to indicate the right of way to traffic on the main highway, means for controlling said connecting means for synchronizing the operation of said controllers, traffic actuated means and means responsive to said traffic actuated means for transferring control of said stopping and operating means to said synchronizing means for starting operation of said controller in a predetermined time relation with respect to said other controller for at least one operating cycle.

2,124,393
REFINER
Raymond C. Benner, Niagara Falls, and Albert L. Ball, Lewiston, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application November 14, 1935, Serial No. 49,794
1 Claim. (Cl. 92—27)



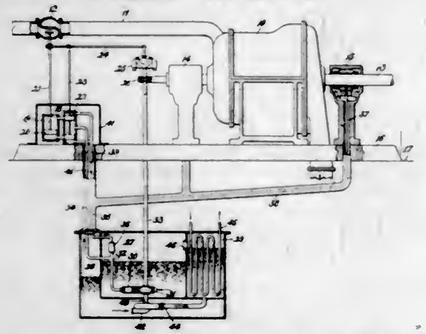
A pulp refining engine comprising in combination, a metal shell, a lining for said shell consisting of bonded abrasive blocks, a substantially continuous layer of tough, resilient, vulcanized rubber between said blocks and between said blocks and said shell, the said blocks being attached to said shell by the said layer of rubber, and a plug of bonded abrasive material rotatably mounted within said shell.

2,124,394
PICTURE AND SOUND TRANSMISSION
Cecil Oswald Browne, West Acton, London, and John Hardwick, West Drayton, England, assignors to Electric and Musical Industries Limited, Middlesex, England, a company of Great Britain
Application August 10, 1934, Serial No. 739,230
In Great Britain August 14, 1933
4 Claims. (Cl. 178—5.8)



1. Combined television and sound transmitting apparatus comprising means for deriving picture signals from an object, means for reducing the effective intensity contrast of said signals and feeding them to an output circuit, means for generating signals corresponding to sounds, a coupling between said sound generating means and a second output circuit whereby said sound signals are fed to said second output circuit substantially without change in effective intensity contrast and means for transmitting the signals from said output circuits.

2,124,395
POWER PLANT
Reed J. Caughey, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 31, 1934, Serial No. 742,253
5 Claims. (Cl. 253—39)



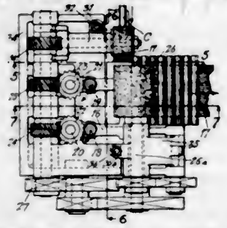
1. The combination with an elastic fluid turbine for operation with high temperature elastic fluid and an element associated with the turbine and requiring inflammable liquid under pressure, of a system for supplying such inflammable liquid to the element, said system including a supply conduit for conducting the inflammable liquid at high pressure to the element and a drain conduit for conducting the inflammable liquid at low pressure from the element, at least a portion of the supply conduit being in proximity to highly heated turbine parts and enclosed by the drain conduit.

2,124,396
SACHET
Harry S. Frank, New York, N. Y.
Application May 5, 1937, Serial No. 140,961
6 Claims. (Cl. 299—24)



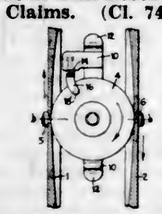
1. A sachet device, comprising a substantially continuous tubular outer covering made of relatively close-textured fabric, a scented, coarse-textured filler, constituting a scent carrier in the interior of the covering throughout its entire length, said covering and said filler being permanently united with one another at such a multitude of points throughout their combined length that relatively small, self-contained, individual compartments are formed, and that when the device is severed at any point or points of its length, the severed portion or portions will have and retain all essential characteristics of the whole device, without any appreciable loss of either the scenting material or of the scent carrier, at the severing points.

2,124,397
CIGARETTE CATCHER
George W. Gwinn, Hewlett, N. Y., and James W. Leary, Bloomfield, N. J., assignors to American Machine & Foundry Company, a corporation of New Jersey
Application November 20, 1934, Serial No. 753,986
Renewed August 4, 1936
33 Claims. (Cl. 198—24)



1. A cigarette collector comprising mechanism arranged to receive cigarettes delivered lengthwise in end-to-end relation from a continuous rod cigarette machine cutoff and separate them lengthwise, collecting means arranged transversely of the line of cigarettes delivered from the cutoff, a traveling friction surface overlying said collecting means to engage cigarettes thereon, and a device for pushing the separated cigarettes sidewise between said collecting means and traveling surface, whereby the axial motion of the cigarettes will be gently retarded and stopped.

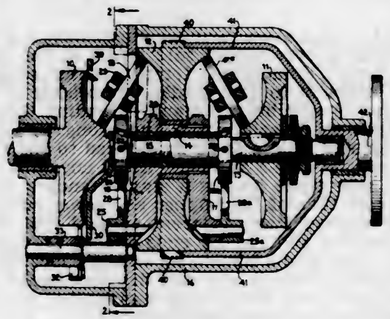
2,124,398
PRECESSION INITIATING AND CONTROLLING MEANS FOR VARIABLE SPEED TRANSMISSION MECHANISMS
Frank Anderson Hayes, Middletown, N. J.
Application November 30, 1934, Serial No. 755,315
In Great Britain December 1, 1933
6 Claims. (Cl. 74—200)



1. In a variable speed transmission mecha-

nism, the combination of torus discs and an interposed friction roller cooperating therewith; a carrier for the roller, mounted for precession on an axis transverse to the axis of rotation of the roller; a bearing for the roller, carried by the carrier and hinged thereto for tilting of the roller on its contact axis only, to cause precession of the roller and carrier; and means pivotally carried by the carrier and pivotally movable relatively thereto on an axis displaced laterally from the axis of precession for tilting the roller on its said contact axis.

2,124,399
POWER TRANSMISSION MECHANISM
Frank A. Hayes, Middletown, N. J.
Application November 27, 1935, Serial No. 51,761
In Great Britain November 30, 1935
9 Claims. (Cl. 74—200)



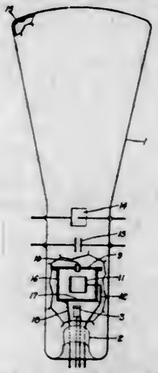
1. In a transmission mechanism, in combination, coaxial toric disks, friction rollers cooperating therewith, means carrying the rollers for precession to vary the angular positions of the rollers relative to the disks, equalizing means comprising a ring coaxial with the disks, a support on which the ring is pivoted between the disks to swing on an axis transverse of the disk axis, and actuating means between the rollers and the ring and having cam connection with the latter.

2,124,400
INSECTICIDAL, FUNGICIDAL, DISINFECTANT MATERIAL
Leon C. Heckert, Pittsburg, Kans., and Charles H. Peet, Bristol, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa.
No Drawing. Application January 3, 1935, Serial No. 236
5 Claims. (Cl. 167—30)

4. As a new composition of matter a cyclohexyl thiocyanate.

2,124,401
CATHODE-RAY TUBE
Walter Heimann, Berlin Reinickendorf, Germany, assignor to General Electric Company, a corporation of New York
Application May 11, 1933, Serial No. 670,551
In Germany May 30, 1932
3 Claims. (Cl. 250—27.5)

1. A cathode-ray tube comprising an envelope containing a cathode, an electrostatic control member and electron-deflecting plates, and means for electrostatically screening said control member from the deflecting plates, said means including a cylinder completely enclosing said member except for discharge openings



and adapted to be maintained at a positive potential with respect to the cathode.

2,124,402
SAFETY RAZOR
William H. Huenergardt, Chicago, Ill.
Application June 15, 1934, Serial No. 730,697
9 Claims. (Cl. 30—40)

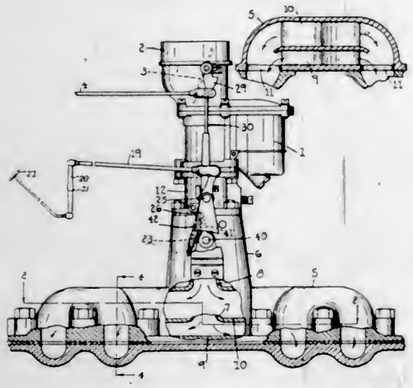


1. In a razor, the combination with a handle, of a guard member associated with said handle, a cap member to confront said guard member for receiving a razor blade therebetween, lever mounting means for effecting relative movement between said guard and cap members, and means for releasably holding a razor blade in a predetermined position between said members irrespective of their relative movement, said releasable blade holding means being responsive to said lever means.

2,124,403
CONTROL FOR INTERNAL COMBUSTION ENGINES
William H. McIntyre, Toledo, Ohio
Application April 21, 1937, Serial No. 138,135
15 Claims. (Cl. 123—52)

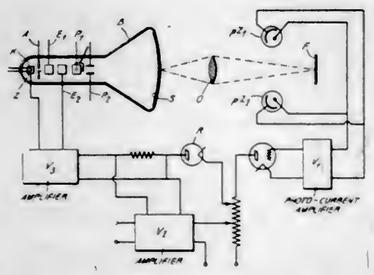
1. The combination with a double passage internal combustion engine manifold, of a carburetor, separate feed passages connecting said carburetor to the passages of the manifold, main throttle valves for said feed passages provided with a common spindle, the valves being disposed on said spindle so that they they are simultaneously moved to and from closed position, an arm on said spindle, a manually actuated throttle control means connected to said arm, an auxiliary

throttle valve in one of said feed passages disposed at the rear of the main throttle valve therein, a spindle for said auxiliary throttle valve, an arm on said auxiliary throttle valve spindle, a pivoted lever connected to said arm on said main throttle valve spindle to be actuated therewith and disposed at the side of the said arm on said auxiliary throttle valve spindle to swing across



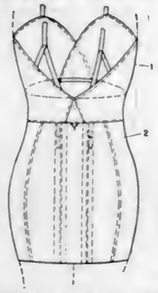
the plane of the axis thereof, and a coiled spring connecting said arm on said auxiliary valve spindle with the free end of said lever whereby on the actuation of the main throttle valve spindle beyond a predetermined point in either direction the auxiliary throttle will be opened or closed with a snap action, the feed passage provided with the auxiliary valve being of a greater capacity than that of the other passage.

2,124,404
TELEVISION SCANNING SYSTEM
Fritz Schröter, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application March 8, 1934, Serial No. 714,564
In Germany March 8, 1933
8 Claims. (Cl. 178—7.2)



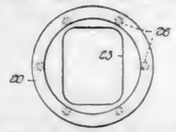
1. The method of television transmission which comprises subjecting successive elemental areas of the subject of which the electro-optical image is to be produced to a spot of light of constant intensity per elemental area and varying the fineness of scanning by varying the size of the scanning spot proportionally with the brilliance of the subject to reduce the range of output variation of the electrical energy produced by the scanning operation.

2,124,405
GARMENT
Eugene Siegel, Detroit, Mich., assignor to American Lady Corset Company, Detroit, Mich., a corporation of Michigan
Application March 29, 1937, Serial No. 133,702
5 Claims. (Cl. 2—30)



1. A combination garment, comprising a girdle, a brassière overlapping said girdle at the outer side thereof and means for detachably securing said brassière to said girdle, comprising a tape secured to said brassière and extending through an opening in said girdle and along the inner side thereof, and a fastener secured to the inner side of said girdle and detachably engaging said tape, said girdle having a stay extending longitudinally thereof, and upper and lower substantially aligned stays adjacent to said first mentioned stay and having ends spaced from each other, said girdle having an opening located below said upper stay and said first mentioned stay and upper and lower stays cooperating to form a recess for receiving said fastener.

2,124,406
AXLE HOUSING AND METHOD OF FORMING SAME
George Spatta, Buchanan, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan
Application September 9, 1935, Serial No. 39,666
15 Claims. (Cl. 29—153.1)

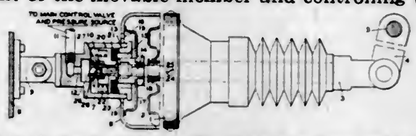


3. The method of forming a rear axle housing from a tubular blank, which comprises forming a central banjo frame casing, reducing the diameter of the tubular arms extending outwardly of said casing, swaging the extremities of said arms to a diameter substantially less than the reduced arms, swaging the arms intermediate their ends into portions of rectangular section, reswaging the extremities of said arms, securing spring pads to the intermediate portions of said arms, securing brake plates to said extremities of said arms adjacent said intermediate portions, and heat treating the entire housing prior to machining of said extremities.

2,124,407
AUXILIARY EXHAUST VALVE
Fred H. Stroup, Kirkwood, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application May 22, 1937, Serial No. 144,127
10 Claims. (Cl. 303—69)

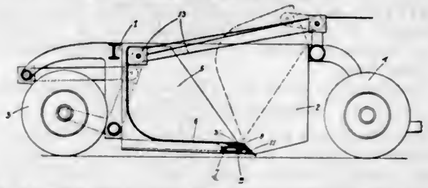
1. In an exhaust valve mechanism, a casing provided with a chamber having an inlet port,

an outlet port and an exhaust port adjacent the outlet port, a movable member extending across said chamber and interposed between the inlet port and the outlet and exhaust ports, said member being provided with a passage through its body portion, valve means governed by the movement of the movable member and controlling the



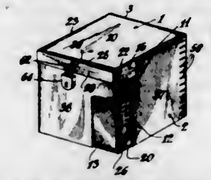
exhaust port, means for biasing the movable member to a position where the exhaust port will be closed, a valve element for controlling the passage in the movable member, said valve element adapted to be unseated by a movement in a direction toward the outlet port, and means for biasing the last named valve element toward a closed position.

2,124,408
COMBINATION FIXED BLADE AND TILTING BOWL SCRAPER
William J. Adams, Jr., Santa Cruz, Calif.
Application December 1, 1936, Serial No. 113,577
2 Claims. (Cl. 37—126)



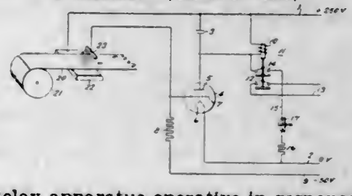
1. A scraper including a supporting frame, a tiltable bowl, a cutting blade, a leaf hinge, one leaf of which extends under and is secured on the bowl at its front end, the other leaf being in the form of a relatively heavy bar which is secured at its ends on the frame, cooperating hinge sleeves formed with the leaves, a cutting blade secured against the forward edge of said other leaf; the latter being formed with an element above the blade providing an abutment for the upper edge of the blade and extending in front of and adjacent the hinge sleeve of the one leaf.

2,124,409
CONTAINER
Oliver B. Andrews, Chattanooga, Tenn.
Application September 5, 1935, Serial No. 39,213
1 Claim. (Cl. 229—23)



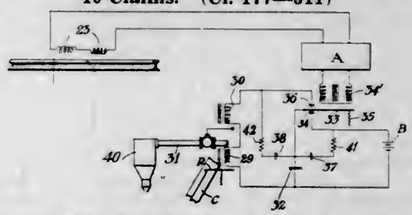
A foldable container, including relatively rigid paperboard panels secured together and defining bottom, front, rear and end walls, a top cover integrally and flexibly connected to the edge of said rear wall and having flaps extending from the free edges thereof and positioned to overlie the top edges of the corresponding front and end walls when the top cover is closed, a member extending along said front wall for reinforcing and stiffening at least the top and bottom edges thereof, metallic fastening means extending through said front wall and said reinforcing member for securing said reinforcing member in position, means extending substantially throughout the height of said end walls for reinforcing and stiffening said end walls adjacent said rear wall, flaps extending from the end edges of said bottom wall and means securing said top cover flaps and bottom flaps in closed position whereby said container is reinforced and stiffened along all end edges and along both top and bottom edges of said front wall.

2,124,410
RELAY APPARATUS
William D. Cockrell, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 30, 1935, Serial No. 38,558
5 Claims. (Cl. 175—320)



1. Relay apparatus operative in response to an impulse comprising a source of direct current supply, a relay, means responsive to said impulse for connecting the relay in circuit with said source for a time limited substantially to the duration of said impulse, said relay being incapable of operating in response to said limited connection and a capacitor connected across said relay for receiving a charge from said source during the connection of the relay to the source and for subsequently discharging through the relay to effect the operation thereof.

2,124,411
FLAW DETECTOR MECHANISM
Loren J. De Lanty, Spring Valley, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application November 17, 1933, Serial No. 698,522
10 Claims. (Cl. 177—311)



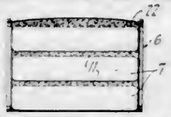
1. In a flaw detector for electrical conductors which normally comprises flaw responsive means, indicating means, and means whereby said indicating means places uniform marks of predetermined size upon said conductor in the region of flaws, said last-named means comprising an electrical operating mechanism for said indicating means comprising means for storing a constant quantity of electrical energy when ineffective to operate said indicating means and discharging the same in a single output when rendered effective, and means whereby said responsive means renders said mechanism effective once in response to each flaw.

2,124,412

REFRIGERATING LETTUCE AND THE LIKE

Wesley Dodge, Oakland, Calif., assignor of one-half to Paterson Pacific Parchment Co., a corporation of California

Application January 21, 1937, Serial No. 121,574
3 Claims. (Cl. 62—15)



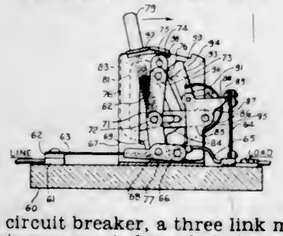
1. A method of packing a product for shipment, said method comprising enclosing said product in a flexible, tough, water proof, moisture permeable material having the capacity of resisting prolonged contact with water without disintegration, arranging such wrapped product in a crate, contacting the so wrapped product with a quantity of ice fragments, and confining the ice so as to cause the meltage therefrom to flow over said wrapped product.

2,124,413

CIRCUIT BREAKER

William H. Frank and Joseph A. Messing, Detroit, Mich., assignors to Bulldog Electric Products Company, Detroit, Mich., a corporation of West Virginia

Original application March 29, 1934, Serial No. 717,989, now Patent No. 2,035,743, dated March 31, 1936. Divided and this application February 3, 1936, Serial No. 62,139
4 Claims. (Cl. 200—116)



1. In a circuit breaker, a three link mechanism including two connected toggle linkages having a first end link, a common link, and a second end link, automatically operating circuit responsive means operable to cause overload release by collapsing one linkage comprising the first end link and the common link and thereafter shifting the second end link and with it the already collapsed linkage, the mechanism being so constructed and arranged as to be resettable by reversing the linkage comprising the common link and the first end link while the second end link is in its shifted position and thereafter reversing the linkage comprising the common link and the second end link and thereafter straightening the linkage comprising the first end link and the common link.

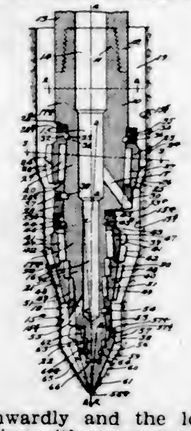
2,124,414

WELL DRILLING BIT

Otto B. Goldman, Los Angeles, Calif.

Application April 18, 1936, Serial No. 75,091
9 Claims. (Cl. 255—71)

1. A rotary drill bit of generally tapered and spear-like form, comprising a body member rotatable about a major axis coinciding with the axis of the drill stem to which the bit is applied, the tip of the bit coinciding with the major axis, and a multiplicity of hole-forming roller elements rotatable on said body member about axes alternately oppositely offset laterally from and inclined downwardly convergent towards the major axis of said body member, said roller elements



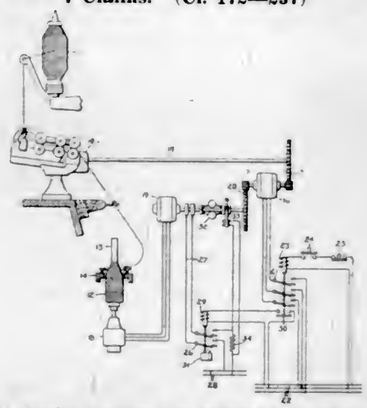
tapering downwardly and the lowermost element terminating with an apex coincident with the major axis of the body member.

2,124,415

DRIVING MEANS FOR SPINNING MACHINES

Edward A. Green, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application June 16, 1937, Serial No. 148,487
7 Claims. (Cl. 172—237)



1. A driving system for spinning machines and the like provided with yarn feeding means and individual spindle motors, comprising a main driving motor for said feeding means, a generator provided with a field circuit and connected to be driven by said main driving motor, electrical connections between said generator and said spindle motors, main switching means for controlling the energization of said main driving motor, and field switching means in said field circuit controlled by said main switching means to energize the field of said generator whereby said spindle motors are started and accelerated with said main driving motor.

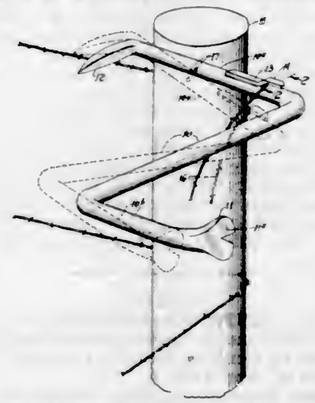
2,124,416

COMBINATION FENCE TOOL

Carl A. Hadland, Plainview, Minn.

Application July 19, 1937, Serial No. 154,378
3 Claims. (Cl. 140—123.5)

1. In a combination tool, a substantially S-shaped bar having one end curved and bent angularly and providing handle gripping means, and having its opposite end bent to form an angular hook, an offset tongue on the side of said bar forming a deep longitudinally extending recess



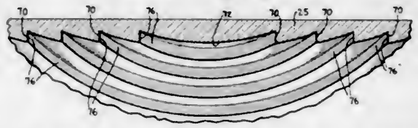
therewith adapted to engage a barbed wire or the like, the intermediate portion of the bar having an aperture therethrough adapted to receive a splicing wire and permitting rotation of such wire to draw separated wire ends together.

2,124,417

LIGHTING FIXTURE

J. Samuel Hamel, Babylon, N. Y., and Richard C. Engelken, Clifton, N. J., assignors, by mesne assignments, to New York World's Fair, 1939, Inc., New York, N. Y., a corporation of New York

Application June 18, 1937, Serial No. 148,865
3 Claims. (Cl. 240—93)



1. In a lighting fixture, a source of light, a light transmitting lens below the source of light having on its surface opposite the source of light a plurality of concentric light refracting areas the surfaces of which are at small angles to the lens, through which light rays pass to form an illuminated cone, colored light transmitting surfaces substantially perpendicular to the plane of the lens bounding the said concentric areas to color the lens when viewed from outside the cone of light and form a corona about the lens, the half of the lens away from the observer being colored by reflected light and the other half by transmitted light.

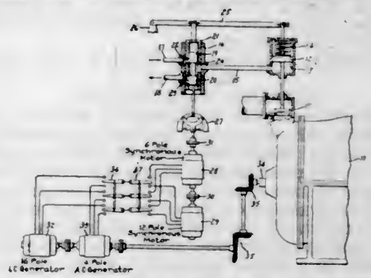
2,124,418

SPEED GOVERNING MECHANISM

Sverker N. Hedman, Stoneham, Mass., assignor to General Electric Company, a corporation of New York

Application December 19, 1935, Serial No. 55,263
4 Claims. (Cl. 175—355)

2. A speed governing mechanism including the combination of a speed governor, synchronous A. C. motor means for driving the governor, synchronous alternator means driven in response to speed changes for energizing the motor means, at least one of said motor and generator means



having a variable pole number and means for varying said pole number.

2,124,419

PROCESS OF PRODUCING PHTHALOCYANINE COMPOUNDS

Isidor Morris Heilbron, Manchester, England, Francis Irving, Grangemouth, Scotland, and Reginald Patrick Linstead, London, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application May 14, 1936, Serial No. 79,815. In Great Britain November 16, 1932
5 Claims. (Cl. 260—11)

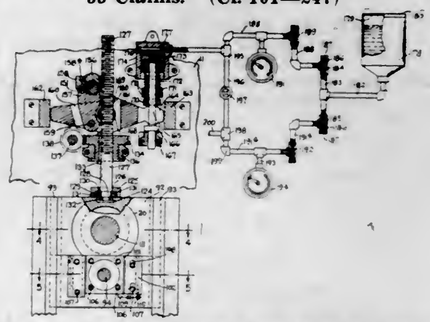
1. The process of producing coloring matters of the phthalocyanine series which comprises subjecting an o-arylenedicyanide to the action of heat in the presence of a substance capable of yielding a magnetic metal.

2,124,420

PRINTING PRESS

Christen R. Kaddeland, Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio, a corporation of Delaware

Original application May 20, 1933, Serial No. 671,992. Divided and this application January 24, 1935, Serial No. 3,238
35 Claims. (Cl. 101—247)

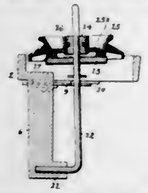


34. In a printing press comprising a printing cylinder and a co-acting pressure roller, separate adjustable pressure applying means including a preloaded yielding pressure member for applying pressure on each end of said roller, means for adjusting the pressure applying means for one end of said roller independently of the other pressure applying means while the press is in operation, said adjusting means being operable from substantially a single location, and means for separately indicating the pressure applied by said pressure applying means to each end of said roller.

2,124,421
CYANIDE PROCESS
Leonard Klein, Clarkdale, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y., a corporation of New York
No Drawing. Application May 7, 1935, Serial No. 20,194
18 Claims. (Cl. 75—107)

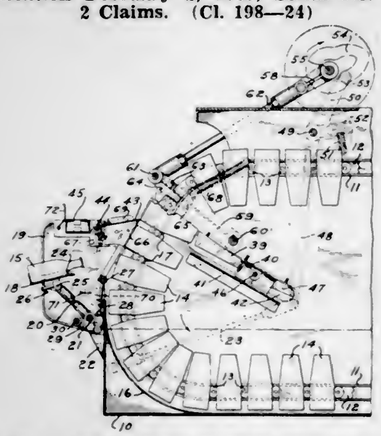
1. In a process for precipitating a metal from a cyanide solution in which the solution and a precipitating metal capable of displacing the metal to be precipitated from its combinations are brought into contact, the improvement which comprises gradually increasing the hydrogen ion concentration of the solution during the course of the precipitating operation to a value corresponding to a pH of about 3.

2,124,422
YARN CONTROL MEANS
Frederick Klein, Glen Rock, and Henry Uhlig, Clifton, N. J., assignors to Sipp-Eastwood Corporation, Paterson, N. J., a corporation of New Jersey
Application June 10, 1935, Serial No. 25,768
1 Claim. (Cl. 242—155)



A yarn-tension pulley of the class having a peripheral yarn-engaged surface facing generally outward, said pulley having a central bearing of relatively non-resilient material and also having the circumferential portion thereof affording such surface formed of resilient plastic material, the portion of the pulley between said bearing and first-named portion being a relatively thin web.

2,124,423
BOTTLE WASHING MACHINE
Archie E. Ladewig and George F. Soelch, Waukesha, Wis.
Application February 2, 1935, Serial No. 4,662
2 Claims. (Cl. 198—24)



1. In a bottle washing machine, an endless series of bottle carrier pockets, an endless conveyor movably supporting said pockets, rectilineal guide rails coacting with said conveyor to cause at least three successive pockets at the same end of said series to simultaneously assume parallel similarly inclined positions normal to said guide rails and with their bottle receiving and discharge ends uppermost, means for advancing said conveyor to intermittently advance said pockets, a pusher movable upwardly into said pockets to lift clean bottles upwardly and at an oblique angle out of upper of said inclined pockets while at rest, and a support swingable toward the upper end of lower of said inclined pockets while at rest to tilt and to slide dirty bottles into the receiving pockets by gravity at the same oblique angle and directly beneath the unloading zone, there being but one pocket of said series between the discharging and the bottle receiving pockets.

2,124,424
ANTENNA SYSTEM
Laurance McConnell Leeds, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application January 3, 1936, Serial No. 57,343
10 Claims. (Cl. 250—33)

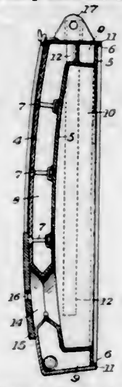


1. The combination comprising an impedance matching transmission line section having a high impedance at one end and a substantially zero impedance at the other end, said section including two substantially parallel conducting arms, a half wave antenna connected to one arm of said impedance matching section at its high impedance end, and a two conductor transmission line, one of said conductors being connected to said impedance matching section at its minimum impedance point and said second conductor being connected to an intermediate point on the unloaded arm of said impedance matching section.

2,124,425
FURNACE DOOR
Lawrence R. McAfoos, Pittsburgh, Pa., assignor to Reliance Steel Products Company, Rankin, Pa., a corporation of Pennsylvania
Application May 11, 1937, Serial No. 141,907
2 Claims. (Cl. 122—498)

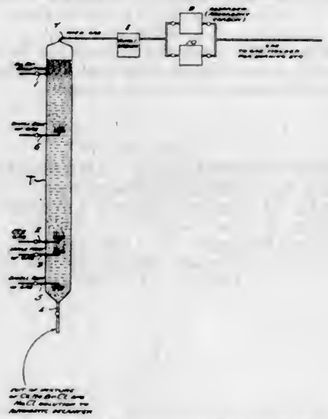
1. A furnace door comprising a main panel portion and a peripheral edge portion, said edge portion terminating inwardly in a comparatively thin wearing edge which projects in a direction

normal to the plane of the face of the door so that the edge is in position to slidably move along



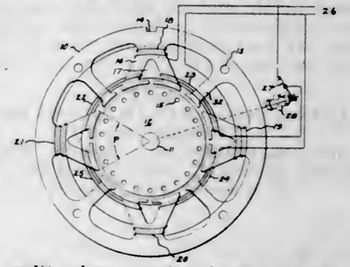
and to bear against a furnace door frame in which the door may be mounted.

2,124,426
METHOD OF CONTINUOUSLY SEPARATING UNSATURATED HYDROCARBON GASES FROM SATURATED HYDROCARBON GASES
Ralph H. McKee, New York, N. Y., assignor to Cesare Barbieri, New York, N. Y.
Application January 26, 1935, Serial No. 3,674
14 Claims. (Cl. 260—162)



1. The method of continuously separating unsaturated hydrocarbons from saturated hydrocarbon gases and isolating substantially pure saturated hydrocarbons practically devoid of unsaturated hydrocarbons which comprises establishing an acid solution of sodium bromide, continuously passing chlorine gas through said solution in amounts in excess of stoichiometric quantities to liberate bromine from the bromide in said solution and to form bromine chloride, continuously contacting a gas containing saturated and unsaturated hydrocarbon gases with said solution whilst moving to cause said unsaturated hydrocarbons to react with said bromine chloride to form brom-chlor hydrocarbons, continuously removing said brom-chlor hydrocarbons from the solution to facilitate the recovery of hydrocarbon halide, continuously passing the unreacted gas through an alkali washer for the recovery of free halogens, and continuously bringing the residual gas into contact with an adsorbent material for the absorption of halogenated hydrocarbons and for the isolation of substantially pure saturated hydrocarbons practically devoid of unsaturated hydrocarbons.

2,124,427
SPLIT PHASE MOTOR
Wayne J. Morrill and Kenneth A. Killam, Fort Wayne, Ind., assignors to General Electric Company, a corporation of New York
Application November 13, 1936, Serial No. 110,628
5 Claims. (Cl. 172—278)



1. A split phase motor having a laminated magnetic stator provided with inwardly projecting main pole pieces, said pole pieces tapering from a narrow neck portion to a wide pole face portion, concentrated main winding coils about the narrow neck portions, a slot in the center of the pole face portion, and a starting winding having coils with sides in said slots, each such starting winding coil embracing adjacent halves of their adjacent main pole pieces, said main winding coils having an effective pitch of approximately 135 electrical degrees.

2,124,428
METAL VACUUM TUBE
Henry J. Nolte, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 13, 1934, Serial No. 743,832
2 Claims. (Cl. 250—27.5)

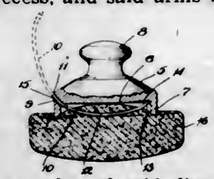


1. An electric discharge device comprising an envelope containing a plurality of electrodes, said envelope including a cylinder closed by a flanged metal header member secured at the flange to said cylinder, said header being substantially flat except for the flange, leading-in conductors for said electrodes passing through the header member and insulated therefrom, an all-metal evacuating tubulation secured to the flat portion of said header member and closed by a weld at the end remote from the envelope.

2,124,429
PAD HOLDER
Parker J. O'Brien, Brooklyn, N. Y., assignor of one-half to John G. Merrow, New York, N. Y.
Application April 10, 1937, Serial No. 136,139
4 Claims. (Cl. 15—209)

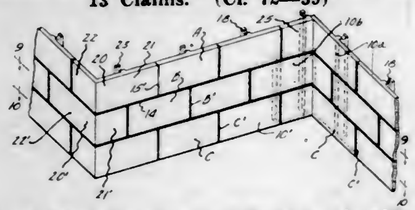
1. A handle member or mounting for cleaning pads and similar elements, said member comprising a large circular disc having a reduced knob or finger piece centrally of its upper surface, said disc having a large shallow recess in the lower surface thereof, a clip comprising a

U-shaped member consisting of a crosshead and elongated curved side arms, the curvature of said side arms being convex with respect to the bottom wall of said recess, and said arms being slidably



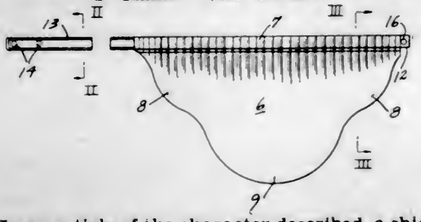
supported in an edge of said disc and adapted to move transversely of said recess to engage a cleaning pad arranged in said recess and to retain said pad against displacement from said disc.

2,124,430
BUILDING CONSTRUCTION AND BLOCK THEREFOR
John W. Phillips, San Antonio, Tex.
Application March 27, 1937, Serial No. 133,296
13 Claims. (Cl. 72—39)



1. A wall structure including, a plurality of superposed blocks, each block having a web on one face thereof which extends downwardly throughout the width of the block therebelow to reinforce the same.

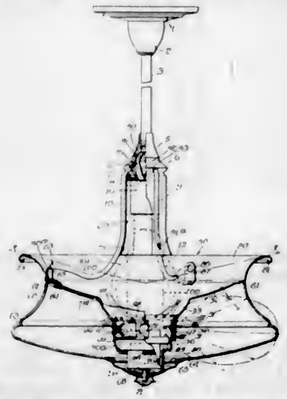
2,124,431
HAIR DRYING SHIELD
Nora L. Praytor, Birmingham, Ala.
Application June 21, 1937, Serial No. 149,432
1 Claim. (Cl. 2—174)



In an article of the character described, a shield having an upper marginal edge provided with a hem, said shield having ear protecting portions and a neck protecting portion and disposed in spaced relation to the neck to permit cooling air to circulate under the shield, a strap positioned within the hem of the shield and adapted to encircle the head of the user, said strap having a portion of its length formed of resilient material and the remaining portion formed channel-shaped in cross section to receive the elastic border of a hair net, and fastening means provided for engaging the ends of the strap.

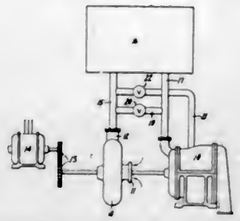
2,124,432
LIGHTING FIXTURE
Maurice W. Ross, Niles Center, and Edwin D. Tillson, Evanston, Ill.
Application March 23, 1936. Serial No. 70,276
5 Claims. (Cl. 240—78)

1. A lighting fixture comprising a ceiling supported hanger carrying a plurality of downwardly and outwardly flaring arms and a downwardly facing lamp socket, an upwardly facing reflector and a shield ring supported on said arms, a tubular member supported from said hanger and surrounding said lamp socket, said member extending downwardly to substantially the level of the upper edge of said shield, and a lower lamp socket carried by said reflector, said sockets providing for the optional installation of two differ-



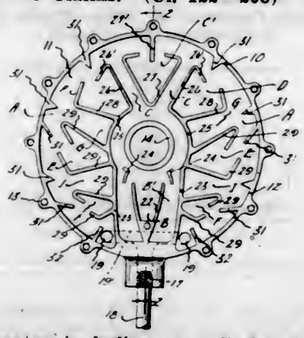
ent kinds of lamps and said tubular member cooperating with said shield in both cases to prevent viewing the lamp from any normal viewing position, said tubular member flaring outwardly at its lower portion so as to shield the adjacent portions of a lamp mounted in either of said sockets, the neck portion of the lamp being shielded in one case and the portion opposite the base of the lamp in the other case.

2,124,433
MOTOR-COMPRESSOR ARRANGEMENT
Friedrich Schmidt, Berlin-Karlshorst, Germany, assignor to General Electric Company, a corporation of New York
Application February 24, 1938, Serial No. 192,349
In Germany March 3, 1937
1 Claim. (Cl. 60—6)



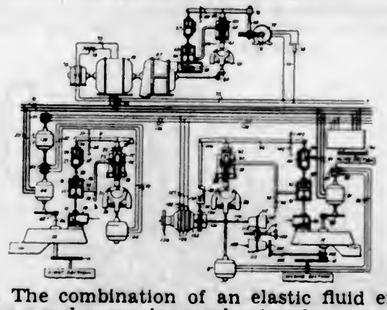
A compressor arrangement comprising a centrifugal compressor, a motor for driving the compressor, an apparatus requiring compressed medium during operation and producing combustion gases as a by-product, a conduit for conducting compressed medium from the compressor to the apparatus, a gas turbine having an inlet connected to the apparatus to receive combustion gases therefrom for driving the compressor, and conduit means for conducting during low load condition of the compressor some of the compressed medium to the gas turbine to permit operation of the compressor at maximum efficiency during varying load demand from the apparatus.

2,124,434
HEATER
John Slane, San Antonio, Tex.
Application April 16, 1937, Serial No. 137,203
6 Claims. (Cl. 122—208)



1. A heater including, a cylindrical housing having a heating chamber therein, means for circulating a liquid to be heated through said chamber, a plurality of individual pockets disposed radially within the chamber, said pockets having their inner ends closed and their outer ends open, said outer ends being spaced from the periphery of the chamber so as to provide an annular passageway between the pockets and the periphery of the housing, whereby liquid flowing along said passageway may enter and circulate through said pockets.

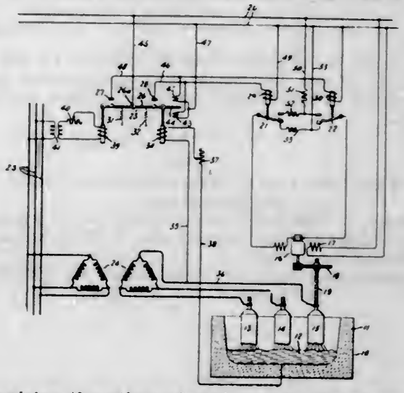
2,124,435
ELASTIC FLUID ENGINE CONTROL
Reginald G. Standerwick, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application August 13, 1936, Serial No. 95,836
17 Claims. (Cl. 60—97)



1. The combination of an elastic fluid engine and a speed-governing mechanism for controlling the engine, said mechanism including a speed governor, an electric motor for operating the speed governor, and a source of electric energy for the motor, said source including a frequency changer electrically connected to the motor and driven from the engine.

2,124,436
ELECTRIC FURNACE REGULATOR SYSTEM
Numan R. Stansel, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 13, 1937, Serial No. 125,619
5 Claims. (Cl. 13—13)

1. An electric furnace regulator system comprising operating means for adjusting an electrode, control means for starting and stopping said operating means to adjust the electrode, said control means having an intermediate position in which said control means is ineffective to adjust the electrode, a pair of opposed coils for operating said control means, connections for energizing one of said coils in response to an electrical condition of the electrode circuit, connections for



energizing the other of said coils by the electrode supply source voltage whereby said control means is operated to effect adjustment of the electrode so as to maintain a predetermined relation between said electrical condition and the supply source voltage, and means responsive to failure of the electrode supply source for returning said control means to said intermediate position.

2,124,437
BLAST FURNACE AND TUYÈRE STRUCTURE AND METHOD OF OPERATION
Karl Steinbacher, Portsmouth, Ohio
Application January 10, 1936, Serial No. 58,517
4 Claims. (75—41)

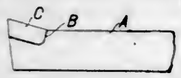


2. A method of operating a blast furnace, comprising introducing thereinto a circumferential series of blasts directed eccentrically of the furnace and substantially in a common plane perpendicular to the axis of the furnace, certain of said blasts being directed at one predetermined angle to the furnace wall and other of said blasts being directed at another predetermined angle to the furnace wall, and thereby creating a controlled swirling inward and upward draft.

2,124,438
SOLDERED ARTICLE OR MACHINE PART
Wilhelm Struk, Essen, and Hubert Schroeder, Essen-Steele, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y., a corporation of New York
Application November 7, 1935, Serial No. 48,754
In Germany April 5, 1935
3 Claims. (Cl. 29—95)

1. An article or machine part having two parts of widely different coefficients of expansion sol-

dered together, the solder having embedded therein a piece of woven wire gauze of higher melting point than the solder, the soldered surfaces being substantially rectangular and the wires of



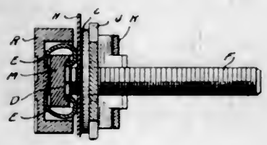
the gauze being approximately parallel to the diagonals of the rectangle, said gauze being substantially in its original woven condition without fusion.

2,124,439
TAILPIECE FOR STRINGED MUSICAL INSTRUMENTS
Herbert S. Sunshine, Union City, N. J., assignor to Epiphone, Inc., New York, N. Y., a corporation of New York
Application June 12, 1937, Serial No. 147,830
10 Claims. (Cl. 84—299)



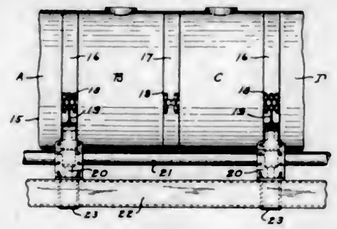
1. A tailpiece for stringed musical instruments comprising a base-plate, a plurality of spaced longitudinally extending members of unequal lengths carried thereby, and means on each of said members for attachment of a plurality of strings.

2,124,440
SIGN
Einer Martin Tallberg, Detroit, Mich., assignor to Michigan Die-Casting Company, Detroit, Mich., a corporation of Michigan
Application April 1, 1937, Serial No. 134,216
8 Claims. (Cl. 40—140)



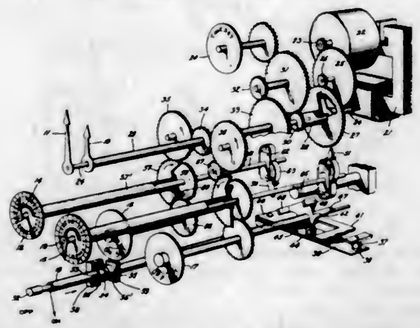
1. Means for mounting identifying selected symbols of die cast material to a sheet of thin material comprising a supporting bar, individual symbols, a flat spring strip of hardened tempered and formed steel stock slidably embracing said bar and rigidly locked so as to support said symbols on said bar, means for bolting said bar to said thin sheet whereby the open ends of the formed spring steel strip are pressed between said bar and said sheet and the symbols are thus locked in place.

2,124,441
VEHICULAR TANK STRUCTURE
Frederick G. Thwaits, Wauwatosa, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application February 4, 1935, Serial No. 4,851
4 Claims. (Cl. 220—80)



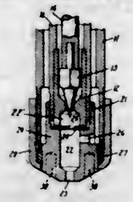
1. A multiple section tank comprising, a shell structure consisting of alined independent longitudinally straight shells having adjacent ends of reduced external diameter and each having an external recess between its reduced end and the main body thereof, said recesses and reduced ends providing a common groove extending about the axis of the shells and the bottoms of said recesses being of lesser external diameter than said reduced shell ends, and a single strap having thickened edge portions formed integral with a relatively thin medial portion and completely filling said groove to provide a flush and continuously smooth external surface for said shell structure extending across said groove.

2,124,442
TIME SWITCH
Francis W. Truesdell, Saugus, Donald G. Cameron, Lynn, and Wilfrid S. Whyte, Swampscott, Mass., assignors to General Electric Company, a corporation of New York
Application October 17, 1936, Serial No. 106,180
5 Claims. (Cl. 200—38)



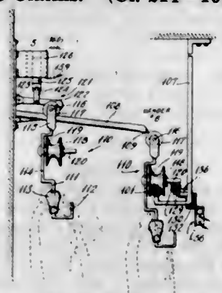
3. In an automatic time switch device, a switch, a rotary lever for operating said switch, said switch being operated from closed to open position and vice versa by rotation of said lever in opposite directions respectively between fixed limits, a timer motor, means for storing energy from said timer motor and releasing it to strike said lever a blow and quickly rotate it to perform a switching operation at a predetermined time, and a rotary inertia member connected in driving relation with said lever through a lost-motion connection and serving to prevent a rebound of said lever after being quickly rotated in an automatic switching operation.

2,124,443
REGULATING NOZZLE
Gaylord H. Wotring, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application May 29, 1935, Serial No. 24,003
3 Claims. (Cl. 299—140)



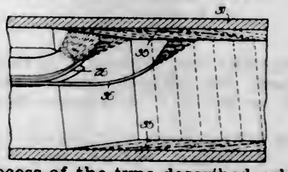
2. An atomizing nozzle having a removable tip with a cylindrical chamber formed therein for mixing liquid and expansible fluid under pressure, means for supplying liquid to said chamber including a cutoff valve removably connected with one end of said nozzle tip and having a recess formed therein in alinement with said chamber, a thin wall sharp edge calibrated orifice mounted in said tip at one end of said chamber for regulating the rate of liquid flow between said recess and said chamber when the cutoff valve is open, means for supplying expansible fluid to said tip including a calibrated inlet opening formed in the tip at one side of said chamber adjacent said thin wall orifice, said tip having a calibrated discharge orifice at the other end of said chamber for atomizing the mixture discharged under pressure therefrom.

2,124,444
GARMENT CHECKING APPARATUS
Paul Boumans, Arlington, N. J., and Werner Brinck, New York, N. Y.
Application March 28, 1938, Serial No. 198,536
13 Claims. (Cl. 214—16)



1. A garment checking apparatus comprising: at least one main rail, said main rail being inclined in a direction to the front part of the apparatus, a plurality of stationary side rails, said side rails being inclined in a direction to said main rail and terminating at a point substantially above said main rail, a plurality of individual garment hangers adapted to be placed on said plurality of side rails, each of said garment hangers being provided with two sliding means, one of said sliding means being adapted to engage with one of said side rails, the other one being adapted to engage with said main rail, a plurality of individual locking means, said locking means being arranged to hold said individual garment hangers in a predetermined position on an elevated point of said inclined side rails, and a plurality of individual controlling means for a selective actuation of said individual locking means to release individual garment hangers therefrom for sliding down on the inclined side rail and thence on the inclined main rail.

2,124,445
METALLURGICAL PROCESS
Frank G. Carrington, Anniston, Ala.
Application August 5, 1936, Serial No. 94,332
9 Claims. (Cl. 22—200)

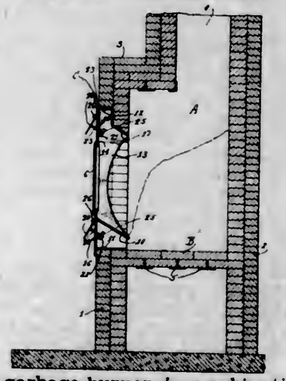


3. A process of the type described, which comprises imparting rotary motion to a molten body of outwardly confined ferrous metal to maintain the same in predetermined hollow form, treating the interior portion of the molten ferrous metal with powdered ferro silicon through the hollow therein while the ferrous metal is rotating, and continuing the rotation of the molten ferrous metal until the ferrous metal solidifies.

2,124,446
SLUSHING OIL
James G. Detwiler, New York, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application June 9, 1936, Serial No. 84,297
3 Claims. (Cl. 148—4)

3. A process for protecting steel surfaces during annealing, which comprises applying to the surface of the steel a light lubricating oil containing a minor proportion of a compound selected from the group consisting of iron naphthenate and magnesium naphthenate, whereby the oil is vaporized during annealing, and a metal compound derived from said naphthenates is deposited on the surface of the steel as a protective coating.

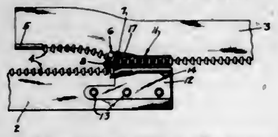
2,124,447
GARBAGE BURNER
Hugh W. Ewing, Chicago, Ill.
Application August 30, 1934, Serial No. 742,054
8 Claims. (Cl. 110—182)



1. In a garbage burner, in combination, means forming a combustion chamber, said chamber having as its bottom a hearth impervious to air passage, a fire door frame structure set into a

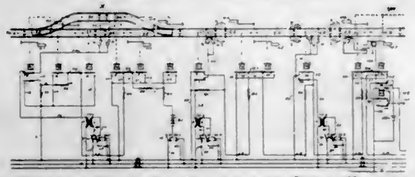
wall of said chamber, said frame structure having air admission means to the chamber opening to the outside air above the door opening, and other air admission means to the chamber opening to the outside air below the door opening, flap valves hinged to said frame in position to close said air admission means to air entrance when moved against the frame, and means on said flap valves to normally maintain the same swung away from closing position.

2,124,448
HOOKLESS OR ZIPPER FASTENER
David Rosen, Minneapolis, Minn., assignor of one-half to Harry L. Davidson, Minneapolis, Minn.
Application February 10, 1937, Serial No. 125,061
5 Claims. (Cl. 24—205)



1. The combination with a fastener comprising members having interdigitating elements and a slide for moving said elements into and out of interlocking engagement, of a guide secured to one end of one of said members for slidably supporting the interdigitating edge of the other of said members, and said guide having a socket at one end adapted to receive said slide, and means whereby when the slide is supported in said socket, the elements of said members are out of interlocking engagement, whereby the members may be relatively adjusted lengthwise of the fastener.

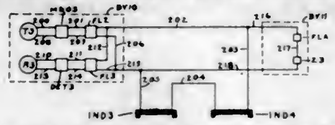
2,124,449
SYSTEM FOR OPERATING TRAINS
Archibald G. Shaver, Chicago, Ill.
Application October 22, 1927, Serial No. 227,932
60 Claims. (Cl. 246—8)



1. In a communicating system for railways, the combination of a stretch of track for a train, a dispatcher's selective system adapted to be connected with each one of a series of intermediate circuits, including the track rails, and communication receiving apparatus on the train inductively associated with said track rails responsive to communicating energy impulses originating in the dispatcher's selective system.

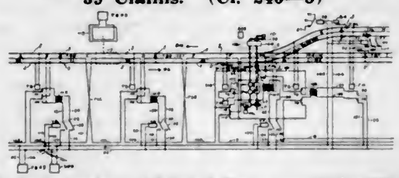
2,124,450
TRAIN TELEPHONE SYSTEM FOR SIMULTANEOUS COMMUNICATIONS
Archibald G. Shaver, Chicago, Ill.
Application September 19, 1928, Serial No. 306,905
Renewed February 25, 1932
29 Claims. (Cl. 246—8)

1. In a system adapted to simultaneously transmit a plurality of sets of communications between a railway train and the roadside, the combination comprising, transmitting and receiving devices on the train, transmitting and receiving devices on the roadside, said transmitting devices generating bands of electric current frequencies for conveying said sets of communications one band for each set, and circuit means



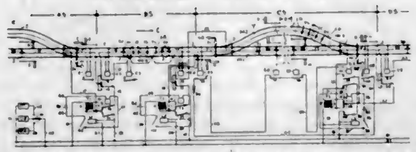
including the track rails adapted to inductively connect said train carried transmitting devices with said roadside receiving devices and said roadside transmitting devices with said train-carried receiving devices, for transporting said electric current frequency bands.

2,124,451
TRAIN OPERATING SYSTEM
Archibald G. Shaver, Chicago, Ill.
Application July 13, 1929, Serial No. 378,000
39 Claims. (Cl. 246—8)



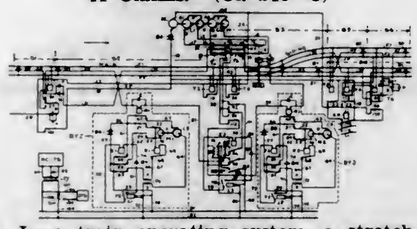
1. In a system adapted for communicating between the two ends of a railway train and/or between a railway train and a wayside station, in combination, transmitting and receiving means on each end of the train, transmitting and receiving means in the wayside station, an intermediate circuit composed of transposed conductors connecting together said train end means and means in said circuit adapted to be operated to connect said train end means with said wayside station means, the arrangement being such that the communication characteristics of said intermediate circuit are constant, and means amplifying the communicating signals as transmitted between said train ends and/or between said train ends and said wayside station.

2,124,452
RAILWAY TRAIN OPERATING AND DISPATCHING SYSTEM
Archibald G. Shaver, Chicago, Ill.
Application May 30, 1931, Serial No. 541,131
Renewed July 13, 1937
30 Claims. (Cl. 246—8)



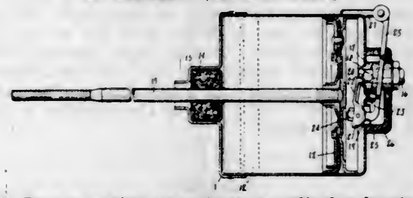
1. In a train communicating system, means for communicating between the head end and rear end of a train, comprising, a communicating set on each end of the train and a circuit in communicative relation with each of said communicating sets connecting between said sets, and means for communicating between either or both ends of said train and a wayside station, comprising, said first named means, a communicating set in said wayside station, and a transformer normally in disconnected relation with said circuit but adapted to be selectively connected to said circuit and said wayside communicating set for establishing communicative relations between said train ends and said wayside station.

2,124,453
SYSTEM FOR OPERATING TRAINS
Archibald G. Shaver, Chicago, Ill.
Application April 15, 1932, Serial No. 605,380
Renewed March 3, 1937
41 Claims. (Cl. 246—3)



1. In a train operating system, a stretch of track for a train, a track switch in said stretch, means for operating said switch to either of two positions, a loop circuit in said stretch, two generating devices for producing coded impulses of electric current, train controlled means for simultaneously starting both of said devices responsive to a train approaching said stretch of track, switching contacts controlled by each position of said switch for connecting said devices individually to said circuit, and receiver means on said train in electrical relation with said loop circuit responsive to said coded current impulses to indicate either position of said switch.

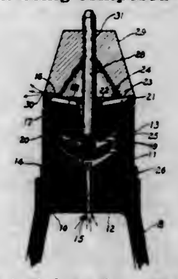
2,124,454
VACUUM BRAKE STRUCTURE
Jesse B. Brown, Detroit, Mich., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich., a corporation of Michigan
Application April 13, 1933, Serial No. 665,978
Renewed March 19, 1937
11 Claims. (Cl. 121—46.5)



1. In an engine structure, a cylinder having a pair of ports, valves for said ports having inwardly facing seats of a contour to seat spherical valves, rigidly connected valves of spherical contour adapted to fit said seats and pivot thereon, a lever having a rigid connection extending through one of said ports and rigidly secured to the corresponding valve, and means adapted to seat said valves, whereby on the actuation of said lever, the valves will be opened and closed alternately, the closed valve serving as the fulcrum of the lever for the opening valve.

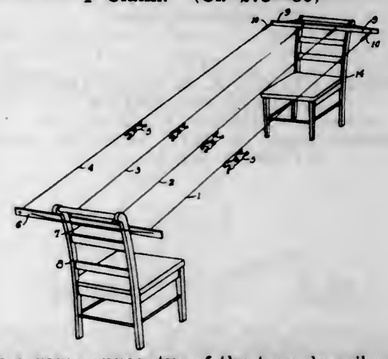
2,124,455
STORAGE BATTERY VENT PLUG
Mark A. Hopkins, Indianapolis, Ind., assignor to Prest-O-Lite Storage Battery Corporation, Indianapolis, Ind., a corporation of Ohio
Application June 9, 1934, Serial No. 729,883
8 Claims. (Cl. 137—139)

1. In a vent plug for battery cells, a body member apertured to vent the cells to the atmosphere having a convex seat formed thereon, a valve cooperating with the aperture in the body member and having a valve stem and a concave valve disc adapted to contact said convex valve seat, said valve and stem being composed of a soft resilient



and elastic material, and means operatively connected with the valve stem and responsive to a slight tilting of the cell for tensioning the valve stem whereby the cell is sealed when tilted beyond a predetermined angle in any direction.

2,124,456
RACE GAME APPARATUS
George J. Smythe, near Dayton, Ohio
Application February 16, 1937, Serial No. 126,017
1 Claim. (Cl. 273—86)

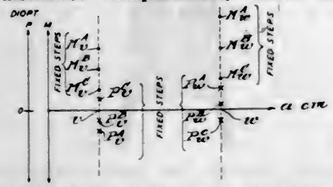


In a game apparatus of the type described, two end frame members, spaced elastic bands attached to one of said frame members, strings attached at one end to said elastic bands and at their opposite ends to the other end frame member, bodies simulating animals that are axially split to slide in upright positions over said strings when the latter are intermittently pulled by the players, and elastic bands secured at their ends to the rear portions of the end frame members to attach said members to stationary objects to raise said bodies above the floor.

2,124,457
TESTING EYES
Adelbert Ames, Jr., and Gordon H. Gliddon, Hanover, N. H., assignors to Trustees of Dartmouth College, Hanover, N. H., a corporation of New Hampshire
Application October 25, 1934, Serial No. 749,948
5 Claims. (Cl. 88—20)

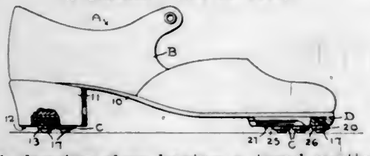
1. A set of lenses for testing, substantially unaffected by dioptric power effects, the ocular image size properties of eyes for two object distances, one for near and one for distant vision, by placing before the respective eyes trial lenses in holders substantially determining the distances

of said lenses from the respective eye, comprising a series of principal trial lens elements each having a thickness, and surfaces with curvatures in one meridian to produce a lens effecting in said meridian at said distances certain magnifications and for certain object distances certain dioptric powers, the elements of said series having for said two object distances, respectively, magnifications stepped in certain prescription magnification values, having for at least one of said two object distances comparatively small dioptric



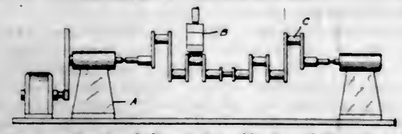
powers stepped in certain prescription power values, and all elements having for a certain object distance zero dioptric power, and a series of auxiliary trial power lens elements each having a thickness and surfaces with curvatures in one meridian to produce a lens effecting for one of said two object distances a dioptric power substantially equal and opposite to the power of a corresponding element of said principal series, whereby an auxiliary element is to be placed in said holders in alignment with a principal element of equal but opposite power.

2,124,458
DANCING FOOTWEAR AND TAPS FOR DANCING FOOTWEAR
Charles H. Buckler, Camden, N. J.
Application April 10, 1937, Serial No. 136,206
2 Claims. (Cl. 36—8.3)



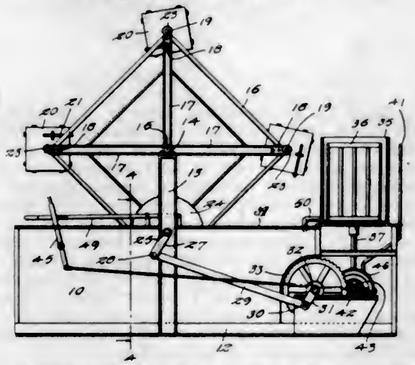
2. A dancing shoe having a tread portion of substantial thickness provided with a cylindrical recess extending upwardly from the lowermost face of said tread portion and means including a cylindrical body extending into said recess in a tight-fitting relationship with said tread portion, said cylindrical body being of a length less than that of said recess, and having below its lower face an annular portion extending outwardly beyond the body, and a freely rollable member carried by said means with a section of said rollable member extending below said means.

2,124,459
METHOD OF HEAT TREATING METALS
Charles O. Burgess, New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application May 4, 1933, Serial No. 669,292
15 Claims. (Cl. 148—21)



1. A method of heat treating a trunnion between cheeks of a crankshaft which comprises rotating the crankshaft, applying high temperature heat to the trunnion, said high temperature heat being of greater intensity adjacent said cheeks whereby the temperature of the trunnion is raised uniformly along the surface thereof; and quenching the heated surface while still rotating by directing an impacting jet of cooling medium against said trunnion, said jet having a velocity such that the formation of a quench-retarding envelope of steam around said object is avoided.

2,124,460
WASHING AND DRYING MACHINE
John E. Cary and Valerie Cary, Opelousas, La.
Application June 28, 1937, Serial No. 150,877
5 Claims. (Cl. 146—197)



1. A machine of the kind described comprising a liquid holding tub, a rotatable reel supported above said tub and having portions movable into and from the same, a plurality of crate holders rotatably supported by said reel at the portions movable into and from the tub and rotatable independently of each other, pinions connected with the holders at the axes of rotation thereof, a reversely rotating gear arranged with relation to the pinions at the point of movement of the portions of the reel into the tub for successive meshing engagement of the said pinions with the said gear on rotation of the reel, and means manually controlled for sustaining the reel against rotation when one of the pinions is enmesh with the gear.

2,124,461
FLEXIBLE RESILIENT ELECTRIC CURRENT SOCKET
Etienne Challet, Paris, France, assignor of one-fourth to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland, a company of Switzerland
Application March 29, 1937, Serial No. 133,714
In Switzerland April 6, 1936
1 Claim. (Cl. 173—363)



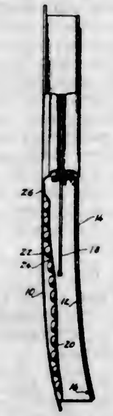
A current take-off socket comprising a current carrying wire having a stiff metal end shaped into a flexible resilient contact socket consisting of a small number of triangular convolutions, said convolutions defining a polygonal recess in the center of said socket and standing at acute angles with respect to each other, said angles being dimensioned so as to retain said convolutions in a constant position relative to each other.

2,124,462
ROCKET ENGINE
Charles R. Cummings, Fernwood, Pa.
Application August 18, 1937, Serial No. 159,762
3 Claims. (Cl. 60—35.6)



1. In a rocket engine, a plurality of cylinders forming combustion chambers open to the atmosphere, a mixing chamber connected to each cylinder, a valve for controlling fuel supply to the mixing chamber, a piston in the cylinder, a spark plug connected to each cylinder, a switch in each cylinder, a connection between the piston and the valve arranged in such manner that movement of the piston under impulse of the explosion simultaneously effects closing of the switch and the seating of the valve, and means connecting the spark plug of each cylinder with the switch of the preceding cylinder and arranged in such manner that closing of the switch in one cylinder fires the next succeeding cylinder.

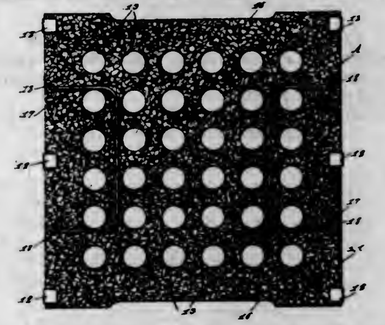
2,124,463
SOUND INSULATION
George R. Cunnington, Detroit, Mich., assignor to Woodall Industries Incorporated, Detroit, Mich., a corporation of Michigan
Application November 16, 1935, Serial No. 50,075
3 Claims. (Cl. 296—44)



1. A vehicle body wall comprising, in combination, a relatively stiff resilient outer metal panel, a relatively stiff inner trim panel supported in spaced apart relationship with respect to the outer metal panel, and a flexible sheet of sound insulation material comprising a layer of porous fluffy loosely integrated fibrous material carried by a foundation layer of flexible imperforate inert fibrous material suspended within the space between said outer and said inner panels to hang freely within said space.

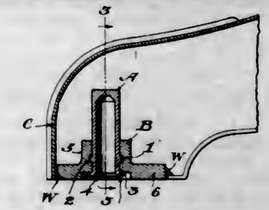
2,124,464
EGG LIFT
Theodore Foote, Pilger, Nebr.
Application November 16, 1936, Serial No. 111,157
1 Claim. (Cl. 217—27)

An egg lift comprising a substantially square shaped flat sheet-like body having spaced rows of spaced perforations therein, a cushioning section correspondingly shaped to said body, superimposed thereon and having perforations matching the first-mentioned perforations, ears cut and bent from the body at opposite edges thereof



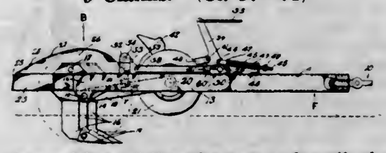
for overlying portions adjacent thereto of the cushioning section and separably fastening the body and section together, eyes stapled through the body and cushioning section next to opposite edges thereof, and loop handles loosely connected to said eyes.

2,124,465
CASTER RETAINER
Glenn Theodore Gourley, Youngstown, Ohio, assignor to The General Fireproofing Company, Youngstown, Ohio, a corporation of Ohio
Application August 18, 1937, Serial No. 159,794
2 Claims. (Cl. 16—43)



1. As an article of manufacture, a caster retainer unit including a tubular socket having external key means on the outer wall thereof and also having a peripheral bead at one end, and a casting molded about a portion of said socket and including a body portion and an upstanding collar having said key means of the socket embedded therein.

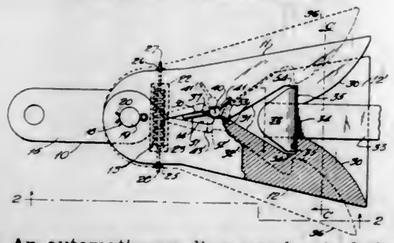
2,124,466
EARTHWORKING IMPLEMENT
Charles Le Bleu, Los Angeles, Calif.
Application February 19, 1936, Serial No. 64,677
9 Claims. (Cl. 97—74)



1. A machine of the character described comprising a frame, a wheeled truck, means mounting the frame on the truck for movement relative thereto, an implement body provided with a plurality of earth working tools and volute ground engaging means journaled on the frame to be re-

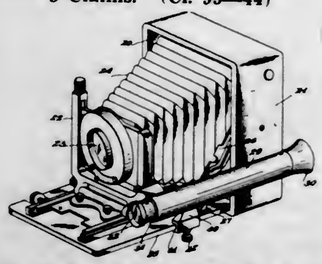
volved in unison by the advancing movement of the machine and adapted to thereby raise the frame, relative to the truck, a stop mounted on the truck and means mounted on the frame to automatically engage the stop and retain the frame in raised position.

2,124,467
AUTOMATIC COUPLING DEVICE
Theodore R. Lyman, Great Falls, Mont., assignor of thirty-five percent to Julius J. Wuerthner, Great Falls, Mont.
Application September 18, 1937, Serial No. 164,567
6 Claims. (Cl. 280—33.15)



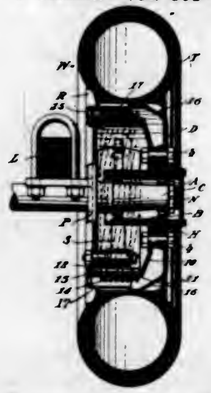
6. An automatic coupling member including a pair of coupler jaws, each jaw having centrally of its forward end a counterbore to receive a spring yieldingly holding said jaws together, the inner walls forming an approximately triangular space just back of said spring, one jaw having a main bearing boss therein and spaced auxiliary bosses, a shaft projecting through and being journaled in said bosses, a latch attached to said shaft, a stop therefor, the jaws provided internally with a pair of cam surfaces terminating in an approximately right angular abutment to receive and hold a cooperating member, another pair of cam surfaces forward of the first named cams and having mutually contacting surfaces at the front ends thereof, said latch being operable to hold the jaws in extended positions.

2,124,468
PHOTOGRAPHIC CAMERA AND FOCUSING MEANS THEREFOR
Alexander C. Parlini, Woodside, N. Y.
Application May 11, 1936, Serial No. 79,009
5 Claims. (Cl. 95—44)



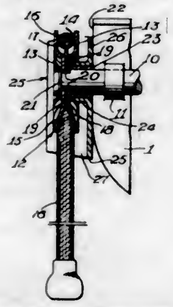
1. A focusing device adapted to be mounted onto a camera comprising a sensitized element receiving main frame, a working lens, a lens carrying frame adjustable towards and away from said main frame, and a platform supporting said lens carrying frame, said focusing device comprising a focusing screen carrying tubular member, a focusing screen mounted therein, a viewing lens carrying tubular member telescopically mounted with respect to said focusing screen carrying member, both lenses being of equal focus, a bracket adapted to interlock with said lens carrying frame, extending from said viewing lens carrying member, and a bracket extending from said focusing screen carrying member adapted to be secured onto said platform, at a predetermined position insuring a focal distance of said viewing lens with respect to the focusing screen, corresponding to the focal distance of said working lens with respect to the sensitized element carried by the main frame.

2,124,469
WHEEL CONSTRUCTION
Theodore A. Peterman, Tacoma, Wash.
Application April 6, 1937, Serial No. 135,322
3 Claims. (Cl. 301—6)



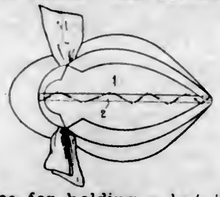
1. A wheel construction comprising a hub, a rim supporting a cushion tire, a disk connecting the hub and the rim, a fixed circular plate in spaced relation to said disk and substantially parallel therewith, a brake drum secured to the hub and disposed between said disk and fixed plate, laterally opposed air openings in said disk and plate adjacent the outer peripheries thereof, a cylindrical air guide shell disposed between said rim and said brake drum in spaced relation to both thereof and having one edge thereof supported by the outer periphery of said plate, and a spiral rib on the outer periphery of said drum in lateral alinement with said air openings for radiating heat from the drum and effecting an air current through said openings and between said drum and air guide shell upon rotation of said wheel construction.

2,124,470
ROPE SHEAVE FOR VENETIAN BLINDS
Edward Reukauf, Jr., Philadelphia, Pa., assignor to Carey-McFall Co., Philadelphia, Pa., a corporation of Pennsylvania
Application June 2, 1936, Serial No. 83,111
5 Claims. (Cl. 156—17)



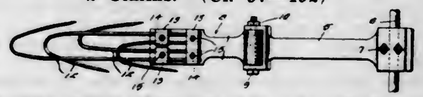
1. A rope sheave for Venetian blinds comprising a plurality of axially aligned discs having the marginal edges of the countermost discs of said plurality disposed in laterally spaced relation to each other providing a rope-receiving groove therebetween and a series of rope-piercing points on an intermediate disc of said plurality projecting into said groove.

2,124,471
HAT RETAINER
Agnès Rittener, born Collins, Paris, France
Application March 26, 1937, Serial No. 133,240
In France March 12, 1937
1 Claim. (Cl. 132—59)



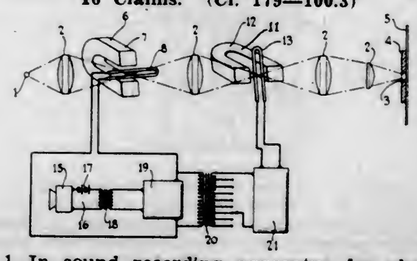
In a device for holding a hat in position on the head, the combination of the crown of a supple hat with a spiral spring connected to said crown approximately throughout its length and in a substantially median plane of said crown, said spring being adapted to roll up the entire hat when it is removed from the head.

2,124,472
ATTACHMENT FOR CORN CULTIVATORS OR THE LIKE
Charlie R. Roberts, Canton, S. Dak.
Application November 16, 1937, Serial No. 174,897
2 Claims. (Cl. 97—192)



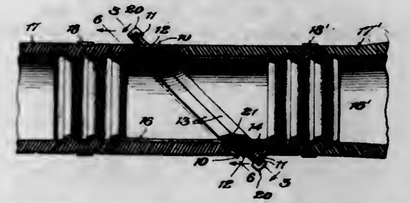
1. In a device of the character described, comprising, a beam adapted to be hitched to a corn cultivator or the like, and a plate pivoted to said beam and equipped with downwardly and forwardly inflected tines at the rear end thereof, each tine being respectively longer than each preceding tine in a direction rearwardly of the beam, alternate tines being directed laterally in planes which intersect so that a comparatively wide long rake is produced adapted to pick up covered corn plants and the like from the ground.

2,124,473
METHOD AND APPARATUS FOR RECORDING SOUND
Oscar A. Ross, New York, N. Y.
Application April 21, 1936, Serial No. 75,515
16 Claims. (Cl. 179—100.3)



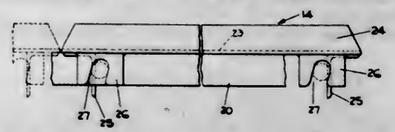
1. In sound recording apparatus for photographically recording sound onto light sensitive film, means for advancing said film continuously in one direction, a source of electrical energy corresponding to sound, means including an optical system for projecting substantially constant intensity light onto said film, a light valve including parallel ribbons in the path of the projected light, means responsive to the modulated energy source for vibrating said ribbons in response to the wave form of said sound for photographically recording a frequency record of said sound onto said film, another light valve including other parallel ribbons additional to said first named ribbons in the path of said light, means responsive to said energy source for vibrating said last named ribbons in response to the amplitudes of said sound for photographically recording an amplitude record of said sound onto the same area of said film onto which said frequency record is recorded simultaneously with the recording of the frequency record thereon.

2,124,474
QUICK INTERLOCKING DUPLICATE END HOSE COUPLING
Albert J. Scholtes, Baltimore, Md.
Application July 20, 1937, Serial No. 154,635
2 Claims. (Cl. 285—67)



1. A hose coupling, comprising a pair of like diagonal coupling members, and interlocking means carried by the diagonal coupling members operable for interlocking the coupling members together upon relative turning and swinging of the coupling members, said interlocking means comprising pairs of lugs and pairs of lug receiving slots on each of said coupling members.

2,124,475
SCREEN CHUTE
Archibald L. Smith and Francis E. McGovern, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company, a corporation of Ohio
Application August 19, 1935, Serial No. 36,817
10 Claims. (Cl. 209—399)



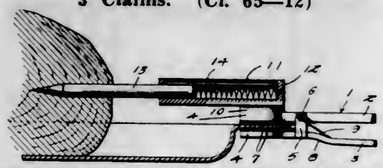
1. In a chute, the combination with a trough having side walls, of rails positioned adjacent said side walls and extending longitudinally thereof, means for spacing and supporting said rails inwardly of said trough side walls comprising a plurality of equally spaced rivets, and a plurality of separately removable screen sections of different lengths and interchangeably mounted on said trough, each having upwardly extending side flanges and downwardly extending legs, said legs having notches received by said rivets, said sections having perforated bottoms resting on said rails.

2,124,476
STEEL WOOL HOLDER
Ignace J. Spiewak, New York, N. Y.
Refiled for abandoned application Serial No. 741,971, August 29, 1934. This application April 10, 1936, Serial No. 73,811
2 Claims. (Cl. 15—209)



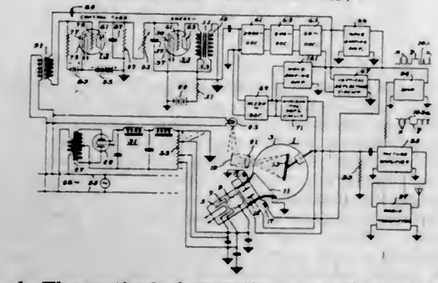
2. A holder for steel wool comprising a plurality of substantially circular, nested casings movable relative to one another, one of said casings perforated and adapted to receive a supply of steel wool, a plurality of curved prongs on another of said casings adapted to be passed through the perforations of said casing containing the steel wool by the displacement of one casing against the other, to enter and hold the wool when the relative positions of said casings are changed, and eyelet members on one casing to which the ends of said prongs are secured.

2,124,477
MEAT PLATTER CLAMP
Anton R. Thoeny, La Crosse, Wis.
Application February 10, 1938, Serial No. 189,890
3 Claims. (Cl. 65—12)



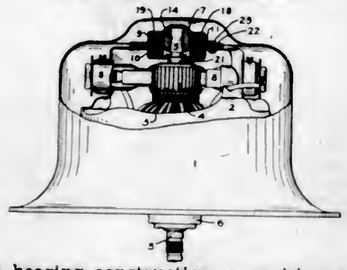
3. A meat platter clamp of the character described, comprising a clamping unit adapted to engage the edge of a platter and consisting of two pivotally coupled jaw members each being formed integral with a finger engaging member, resilient means normally urging said jaws together, a pointed penetrating element carried by and movable longitudinally with respect to one of said jaw members, and resilient means normally urging said penetrating element forwardly with respect to the said jaw members.

2,124,478
TELEVISION SYSTEM
William A. Tolson, Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 31, 1934, Serial No. 750,794
2 Claims. (Cl. 178—7.5)



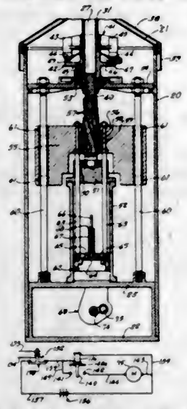
1. The method of operating a television system of the type comprising a receiver adapted to be energized from an alternating current power line, the receiver including a cathode ray tube on an element of which the received picture appears, which comprises deriving unidirectional potentials from said power line, supplying said potentials to said receiver, distantly producing and transmitting picture and synchronizing signals, intercepting said signals and supplying them to the receiver, and supplying to the receiver framing impulses recurring at substantially the same frequency as that of the said power line.

2,124,479
BEARING
Uncas A. Whitaker, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application August 21, 1935, Serial No. 37,103
11 Claims. (Cl. 308—36.1)



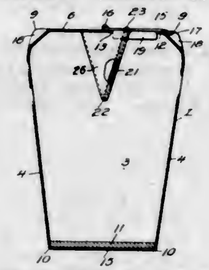
1. A bearing construction comprising a housing, a porous sleeve bearing seated in said housing, oil retaining means carried by said housing extending circumferentially around said bearing to feed oil directly thereto and extended beyond one end thereof, the portions of said means around said bearing and beyond the end thereof being interconnected in order that oil can pass therebetween, the portion of said means beyond the end of said bearing being adapted directly to receive all the centrifugally thrown oil escaped from said bearing, and means rotatable relative to said retaining means to throw oil centrifugally thereto.

2,124,480
CROSSING SIGNAL
Mercer D. Wilson, Phoenix, Ariz.
Application March 18, 1935, Serial No. 11,597
13 Claims. (Cl. 246—130)



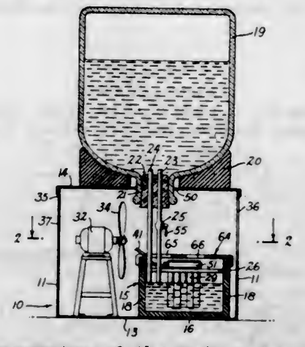
12. A signal having, in combination: a signal member mounted to rotate between two positions; a signal weight movable from a lower position to an upper position, and vice versa, said signal weight being operatively connected to the signal member whereby non-rotary upward movement of the signal weight will rotate the signal to one position and reverse non-rotary gravitation of the signal weight will move the signal to the alternate position; guide means to prevent rotation of the weight; an electrical latch means adapted when energized to releasably hold the signal weight at the raised position; an electric circuit normally energizing the latch means, said circuit being adapted to be interrupted by an approaching control vehicle, thereby de-energizing the latch to release the signal weight; and power means adapted to be energized upon the departure of the control vehicle to lift the signal weight back to its normal latched position.

2,124,481
COMBINATION ASH RECEIVER AND CIGARETTE HOLDER
Curtis A. Anderson, Muscatine, Iowa
Application June 16, 1936, Serial No. 85,593
4 Claims. (Cl. 206—37)



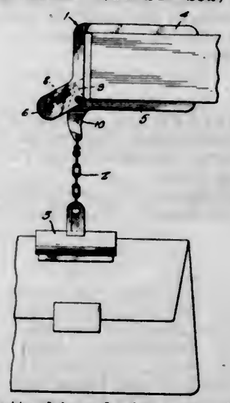
4. A combined ash receiver and cigarette holder comprising a receptacle having a fixed top wall provided with an opening, a closure hinged to the inner edge of said opening, and a spring secured at one end to said closure intermediate the ends thereof and at the opposite end to said receptacle in the vertical plane of the axis of the hinge of said closure.

2,124,482
HUMIDIFYING APPARATUS AND METHOD
Robert S. Blair, New York, N. Y.
Application September 17, 1935, Serial No. 40,923
14 Claims. (Cl. 219—40)



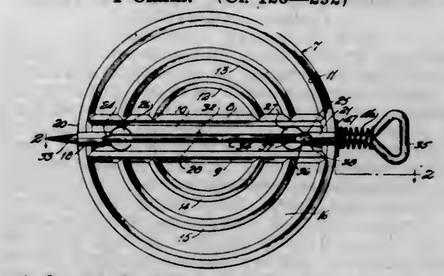
2. In apparatus of the nature described, in combination, a receptacle adapted to contain a liquid, a pair of spaced electrodes in said receptacle, means adapted to propel a vapor from said liquid, and means forming an electric circuit comprising said electrodes and said propelling means whereby said propelling means will automatically be rendered operative upon said electrodes being connected by liquid in said receptacle.

2,124,483
LADY'S HANDBAG HOLDER
Esther M. Buttschau, Vero Beach, Fla., assignor of one-fourth to S. K. Rowe, White City, Fla.
Application October 12, 1936, Serial No. 105,343
1 Claim. (Cl. 24—252)



An article attaching device comprising a relatively fixed jaw including rightangularly disposed portions with one of said portions adapted to rest on a support and the other portion to depend from said support, an angularly disposed enlargement formed on the lower end of the said last-named portion and extending away from the support and having a chamber opening outwardly through the lower face and ends thereof, a movable jaw having one end located in the chamber and pivoted on said enlargement, an ear formed on the pivoted end of said movable jaw and located in the chamber, a coiled spring lying within the chamber and secured on the ear and on the enlargement and acting to urge the movable jaw against the under side of the support, and a depending extension formed on the pivoted end of the movable jaw and extending outwardly of the chamber to have an article secured thereto.

2,124,484
DAMPER
Joseph Corbman and Samuel Corbman, Philadelphia, Pa.
Application February 15, 1937, Serial No. 125,899
1 Claim. (Cl. 126—292)



A damper including a stiffened checking plate provided diametrically thereof with oppositely disposed inner endwise aligning hollow ribs, each

of said ribs being formed at its inner end with a cutout to provide a pair of oppositely disposed parallel spaced portions, a rotatable adjusting shaft for said plate passing through, disposed lengthwise of, and coupled by said ribs to the plate, said plate being formed with openings located at the cutout ends of said ribs, said shaft having a part thereof extending through one of said openings and the cutout end of one of said ribs to provide for the plate bodily moving with the shaft, said part being grooved lengthwise of each of its sides, and the said pair of portions of that rib through which extends said part extending into the grooves of the latter to prevent the plate from sliding relative to the shaft on the adjusting of the damper.

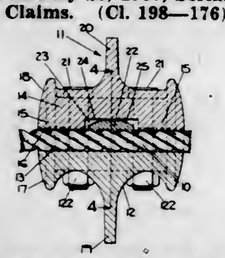
2,124,485

CONVEYER OR CABLE CLAMP

Charles G. Dellenbach, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application February 26, 1937, Serial No. 127,928

8 Claims. (Cl. 198—176)



1. A rope clamp comprising a pair of separable members one of which is provided with a rope receiving groove, the other of which has spaced-apart rope gripping members extending into said groove with a recess between said gripping members, a clamping element positioned in said recess between said rope gripping members, said clamping element having a rope clamping surface formed with ridges and grooves to make intimate gripping contact with the irregular surface of a multiple strand rope, and means for clamping said members together to effect a clamping action between said gripping members and the rope and between said clamping element and the rope.

2,124,486

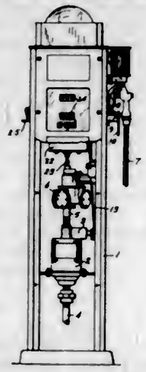
WARNING DEVICE FOR LIQUID DISPENSING APPARATUS

Warren H. De Lancey, Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts

Application May 3, 1937, Serial No. 140,367

5 Claims. (Cl. 221—95)

1. In liquid dispensing apparatus of the type having a driving shaft and a pump for establishing flow, a register to indicate the quantity of liquid dispensed, and a reset device for zeroizing said register in combination, a control handle movable to on and off positions corresponding to the starting and stopping of said flow, a signal device comprising bell ringing means adapted for an operative connection with said shaft, spring actuated means for making said bell ringing means operative comprising a trip member which has a holding position to hold said bell ringing means inactive, means operated by the movement of said control handle to on position to release said trip member and render said bell ringing means operative, and means actuated by the operation of said reset device prior to the on position movement of said control handle to



prevent a subsequent on position movement of said handle from releasing said trip member.

2,124,487

DOUBLE TAPERED STEEL POST

Gerald G. Greulich, Mount Lebanon, Pa.

Application July 25, 1936, Serial No. 92,659

4 Claims. (Cl. 189—23)



1. A steel post comprising an upper section, a lower section and a ground engaging section having a double thickness of metal formed by folding the ends of said sections back on themselves.

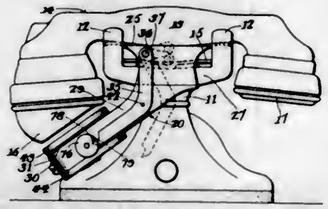
2,124,488

FIRE ALARM

Jens K. Grondahl, Red Wing, Minn.

Application October 16, 1937, Serial No. 169,446

9 Claims. (Cl. 179—5)



1. In a telephone receiver having a post and a spring-pressed circuit closing plunger in the post, a bracket removably mounted on the post and adapted to support the receiver in an inoperative position above the plunger, a lever pivotally mounted on the post, a finger on the lever engaging the plunger and retaining the same in an inoperative position, a fusible pin connecting the lever to the bracket against movement, an alarm carried by the bracket and disposed adjacent the mouthpiece of the receiver, means for operating the alarm and means engaged by the lever for retaining the operating means for the alarm against movement until the fusible pin releases said lever.

2,124,489

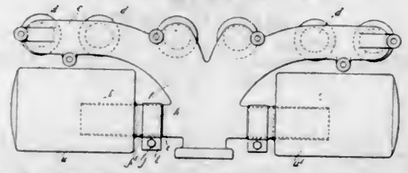
SILENCER FOR INTERNAL COMBUSTION ENGINES

William Albert Edward Hurlock, Thames Ditton, England

Application January 26, 1937, Serial No. 122,434

In Great Britain February 21, 1936

2 Claims. (Cl. 181—48)



1. A silencer for an internal combustion engine comprising in combination a manifold having entrance portions to communicate with the exhaust oultets of a plurality of cylinders and a central outlet portion having branches extending laterally from opposite sides thereof, closed expansion chambers, a tubular inlet and exit passage extending partly within one end of each expansion chamber, and means for connecting the outer end of each passage to one of said branches.

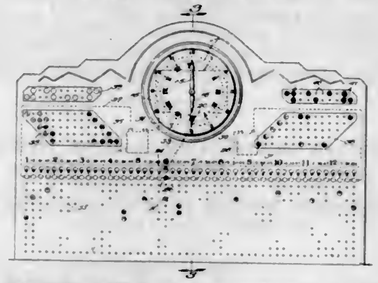
2,124,490

ELECTRIC CALL BOARD FOR HOTELS

George Johnson, Hollywood, Calif.

Application April 28, 1936, Serial No. 76,859

1 Claim. (Cl. 161—2)



An electric call board comprising a casing, clockwork mechanism therein, the front wall of the casing having a clock dial inscribed therein, a circular series of stationary pins forming switch contacts in the clock dial, a resilient switch contact having one end secured to the hour hand of the clockwork mechanism and the free end adapted to have wiping engagement with each pin, circuits controlled by the circuit closer formed by the resilient and fixed switch contacts, pilot lights in the circuits disposed in a horizontal row on the casing below the clock dial, a horizontal row of toggle switches in the circuits and disposed on the casing above the pilot lights, indices denoting 12 hours and 15 minute intervals of the hours inscribed on the casing above the toggle switches, and vertical rows of openings in the casing below the pilot lights and in alignment with the pilot lights and toggle switches for receiving reminder pins.

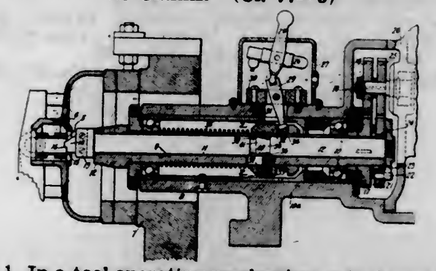
2,124,491

TOOL OPERATING MECHANISM

George H. Leland, Dayton, Ohio, assignor to The Leland Electric Company, Dayton, Ohio, a corporation of Ohio

Application September 9, 1935, Serial No. 39,664

11 Claims. (Cl. 77—3)



1. In a tool operating mechanism, a tool, means including driving mechanism for rotating said tool about a fixed axis, means separately operated by said driving mechanism for gradually and continuously changing the radius of said tool to cause the same to move over the work transversely to the axis of rotation of the tool, and means controlled in accordance with the transverse movement of said tool to interrupt the rotation of the latter when it has completed a predetermined radial movement.

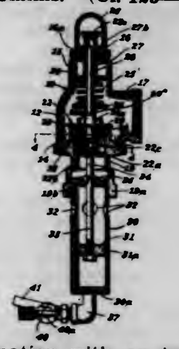
2,124,492

INTERNAL COMBUSTION MOTOR

Thomas Clarence Marshall, Yorklyn, Del.

Application May 19, 1936, Serial No. 80,620

8 Claims. (Cl. 123—124)



1. In combination with an internal combustion motor including, an intake line, a throttle valve and actuating mechanism for the valve, a normally closed air valve for opening to admit air into the intake line to prevent increase of motor vacuum, means continuously applying a force to said air valve of a magnitude to maintain the same closed against the valve opening force of a predetermined maximum motor vacuum, means operated by the motor vacuum and connected with the air valve for applying a closing force of a magnitude to the valve in addition to the force applied by said first mentioned means to thereby maintain the valve closed against a greater vacuum force of a predetermined maximum magnitude, said air valve

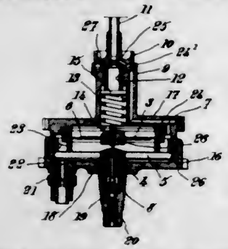
adapted to be opened against the combined closing forces of said means by a vacuum of greater magnitude than the predetermined maximum vacuum, and said vacuum operated means operatively coupled with the throttle valve mechanism and actuated thereby to be rendered inactive for a portion of the operating range of the throttle valve.

2,124,493

APPARATUS FOR USE IN CONNECTION WITH BOTTLES CONTAINING A GASEOUS FLUID UNDER PRESSURE

Jacques Gustave Méjean, Chatou, France, assignor to Société Bronzavia, Courbevoie (Seine), France, a society of France

Application September 16, 1936, Serial No. 101,182
In Belgium September 20, 1935
10 Claims. (Cl. 284—18)



1. An apparatus for use in connection with a container of gaseous fluid under pressure, which comprises, in combination, a pressure regulating device adapted to be secured to said container and comprising valve means, a conduit adapted to be detachably connected to the outlet of said pressure regulating device, and resilient means operated by securing said conduit to said outlet, for resiliently pressing upon and opening said valve means.

2,124,494

METHOD OF IMPROVING VERMIN EXTERMINATING COMPOSITIONS AND THE RESULTING COMPOSITIONS

Karl Memminger, Magdeburg-Sudost, Germany, assignor to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Germany

No Drawing. Application November 20, 1936, Serial No. 111,961. In Germany September 8, 1931
3 Claims. (Cl. 167—40)

2. A vermin exterminating composition which evolves hydrogen sulphide and carbon-monoxide upon being burnt, comprising sulphur, a solid combustible carbon containing substance, a substance which is able to give off oxygen and at least one substance selected from the group consisting of liquid oils and fusible fats of animal, vegetable and mineral origin in an amount up to and including 10%.

2,124,495

TREATMENT OF DRILL HOLES

Harold C. Miller, Oakland, Calif., assignor of ten percent to Gerald B. Shea, Oakland, Calif., twenty percent to James W. Weir, Los Angeles, Calif., twenty percent to Henry S. Montgomery and twenty percent to Alfred W. Knight, both of South Pasadena, Calif.

No Drawing. Application April 4, 1936, Serial No. 72,772
2 Claims. (Cl. 255—1)

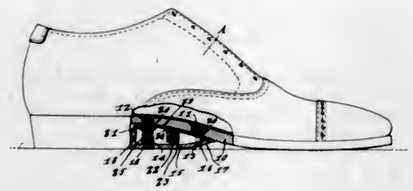
1. The method which comprises: introducing into a drill hole a mud fluid consisting principally of water and clay having suitable characteristics for making mud fluids for use in drill holes, and also containing an added non-metallic substance of low solubility in water which will react with an acid to form a gas, the proportion of said added substance being less than 25% and not materially less than 10% by weight of the other solid constituents of said fluid; depositing solid constituents of said mud fluid within said drill hole to form a mud sheath consisting principally of said clay and containing said added substance intimately dispersed therein; subsequently introducing into the drill hole an aqueous solution of acid in such manner as to cause said acid solution to contact said added substance within said mud sheath, to cause evolution of gas and consequent removal of said mud sheath by the disintegrating action of gas so evolved; and removing the resulting disintegrated solids from said drill hole.

2,124,496

ARCH SUPPORT

Joseph Peil, Detroit, Mich.

Application September 22, 1937, Serial No. 165,194
1 Claim. (Cl. 36—76)



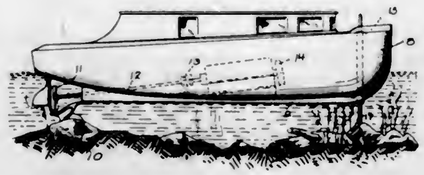
An arch supporter for footwear having an arch area comprising an inner spring member located next to the said arch area exteriorly of the footwear, a tread piece outwardly with respect to said spring member, means fastening the tread piece to the arch area and outwardly disposed to the spring member for terminal contact therewith, means carried by the tread piece and active upon the spring member for raising the same, and a spring interposed between said tread piece and spring member and associated with the fastening means, the tread piece being formed with an upwardly curved nose and an upstanding heel end.

2,124,497

SAFETY DEVICE FOR MARINE POWER PLANTS

Harold W. Slauson, Scarsdale, N. Y.

Application June 18, 1934, Serial No. 731,191
4 Claims. (Cl. 114—219)



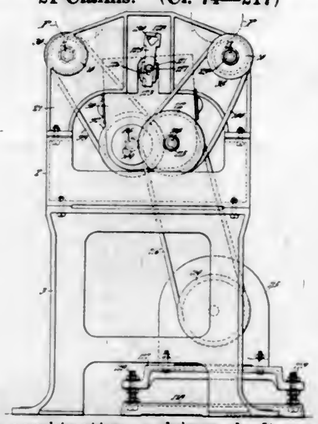
1. A device comprising a body member, an extension pivoted to the end of the body member, an electromagnetic relay, an electric circuit between said relay and spaced terminals in said extension, a spring on the body member for holding the extension with the circuit open and circuit closing means carried by said extension.

2,124,498

WINDING MACHINE

Ernest R. Swanson, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass., a corporation of Massachusetts

Application August 22, 1934, Serial No. 741,012
21 Claims. (Cl. 74—217)



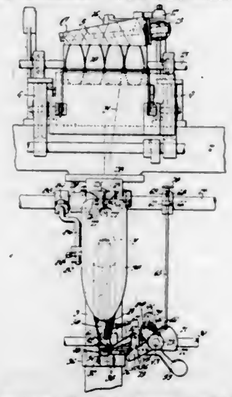
20. In combination, a driven shaft, a pulley on said shaft, a rocker-shaft arranged parallel with the driven-shaft, a cradle supported from the rocker-shaft, a driving shaft journaled on the cradle, means for continuously rotating the driving shaft, a pulley on the driving shaft, a belt connecting the pulleys, a cam carried on the cradle, gearing connecting the driving shaft to drive the cam, a crank-arm fast on the rocker-shaft, means on the crank-arm engaging the cam, and means for controlling the range of movement of the crank-arm to cause the cam to be moved bodily to rock the cradle to alternately tighten and slacken the belt to vary the speed of the driven shaft during its continuous rotation from the driving shaft.

2,124,499

SUPPLY HOLDERS

Ernest R. Swanson, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass., a corporation of Massachusetts

Application November 17, 1936, Serial No. 111,295
19 Claims. (Cl. 242—35.5)



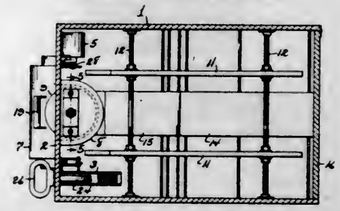
1. In a device of the type indicated, a rockable support, means for mounting a bobbin on the support remotely from the axis about which the latter rocks with its axis tangent to an arc concentric with the pivotal axis of said support, and slidable means operatively connected to rock the support, said rocking movement of the support acting to propel a spent bobbin axially to automatically eject it from the support by the force of momentum.

2,124,500

DISPLAY CASE AND DISPENSER OF CANNED AND PACKAGED SUPPLIES

Waldo Edwin Taylor, Randolph Field, Tex.

Application March 23, 1936, Serial No. 70,500
1 Claim. (Cl. 312—48)



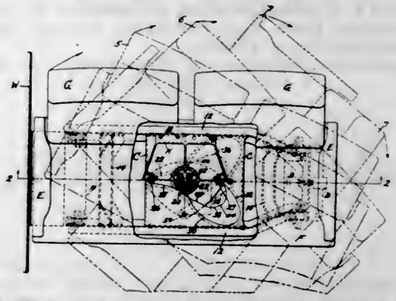
A dispensing device comprising a housing having a discharge opening, means for controlling said opening, a plurality of superposed parallel chutes, including a pair of vertically disposed parallel side walls, a plurality of superposed bottom walls disposed between the side walls, a plurality of screw threaded rods passing through said side walls and secured to opposite sides of the housing, for moving the side walls towards and from the bottom walls, and a plurality of nuts threaded on said rods and attached to said side walls.

2,124,501

REVOLVING SEAT

Victor Willoughby, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey

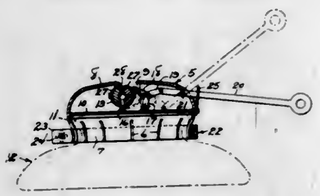
Application March 29, 1935, Serial No. 13,588
27 Claims. (Cl. 155—96)



14. In a car seat, a support, seat reversing mechanism including a cam plate carried by said support and formed to provide a pair of superimposed independent cams having cam surfaces of the same general contour, one of said cam surfaces being substantially within the vertical confines of the other, said cam plate being formed with an opening the walls of which define portions of said cam surfaces, a follower plate rotatably and shiftably supported on the cam plate, a plurality of guide followers depending from the follower plate and each adapted to engage certain portions of said cam surfaces, one of said guide followers being substantially centrally positioned with respect to said follower plate, a control arm pivotally mounted on a fixed member and ar-

ranged to swing in a plane parallel to the movement of the follower plate, and means connecting the arm and one of said followers, said means being pivotally connected to said arm to permit a limited swinging movement of the latter during rotation of the follower.

2,124,502
TIE CLAMP
John Yartz, Wilkes-Barre, Pa.
Application October 19, 1937, Serial No. 169,859
2 Claims. (Cl. 173—313)



1. A tie clamp for insulators, comprising, a cap member having a compressible section adapted to fit over the head of an insulator, a clamping band secured about said section, a deck mounted within said cap for abutting engagement with the head of the insulator, a clamping element connected to the top of said cap, a like clamping element pivoted to the first mentioned element and adapted to coact with the latter to clamp an electric cable therebetween, toggle mechanism mounted on said deck and connected to said second mentioned clamping element, and an operating lever pivotally connected to said cap and to said toggle mechanism and operable for moving said second mentioned clamping element into and out of clamping position.

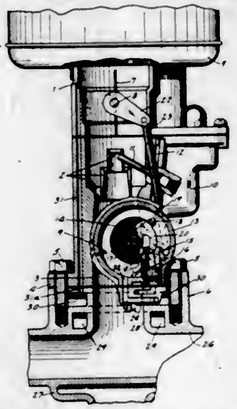
2,124,503
BALE TIE PACKAGE
Albert F. Bradley, Sterling, Ill., assignor to Northwestern Barb Wire Company, Sterling, Ill., a corporation of Illinois
Application September 6, 1935, Serial No. 39,390
6 Claims. (Cl. 206—46)



1. A package comprising an elongated bundle, a cover about one end of the bundle, a part of the bundle protruding through said cover, and a wrapping strand for holding the cover in place, said strand being secured about the bundle and passing about the cover and having an end fastened to said protruding part.

2,124,504
CARBURETOR CHOKE CONTROL MECHANISM
Morris Brown, Detroit, Mich.
Application June 29, 1937, Serial No. 150,956
10 Claims. (Cl. 123—119)

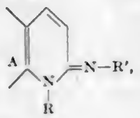
1. In combination, a carburetor including a mixture conduit and a choke valve in said conduit, and control mechanism for said valve including a thermostat housing and means for supplying heated gases to said housing including a stove having an inlet connection into the interior of said conduit, and suction connections between



said housing and said stove and between said housing and a portion of said conduit normally at lower operating pressure than said inlet connection.

2,124,505
PROCESS FOR THE MANUFACTURE OF PYRIDINE-DERIVATIVES
Erich Haack, Radebeul, and Rudolf Freiherr von Buddenbrock, Dresden, Germany, assignors to Chemische Fabrik von Heyden A. G., Radebeul, near Dresden, Germany, a corporation of Germany
No Drawing. Application May 28, 1934, Serial No. 727,980. In Germany May 27, 1933
10 Claims. (Cl. 260—38)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)

7. The reaction product of a member of the group consisting of 2-pyridone and 2-quinolone imides of the formula



where



is a member of the group consisting of

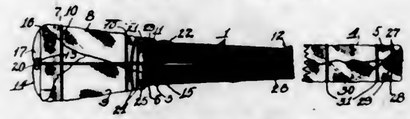


and



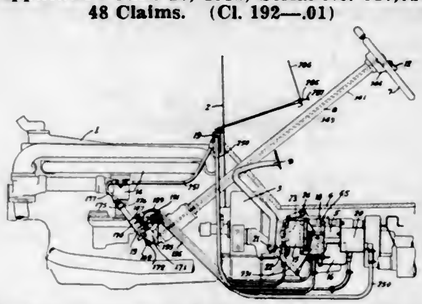
R is an alkyl radical, and R′ is a member of the group consisting of alkyl radicals, benzyl radicals, and naphthyl radicals, with acid halides of the formula X—OC—R″, wherein X is a halogen atom, and R″ is a member of the group consisting of the alkyl radicals and phenyl radicals.

2,124,506
BALE TIE PACKAGE
Harry W. Hill, Sterling, Ill., assignor to Northwestern Barb Wire Company, Sterling, Ill., a corporation of Illinois
Application March 2, 1934, Serial No. 713,655
2 Claims. (Cl. 206—46)



1. A package comprising a bundle of elongated elements, a cover on an end of said bundle, a binding wire having one end anchored to said binding wire being disposed extending along one elements intermediate the ends thereof, said side of said cover, then across the covered end of said bundle, then along the other side of said bundle, then interengaged with said one end to define an abutment, then spiraled about said cover, and then engaged against said abutment and spiraled lengthwise of the bundle.

2,124,507
AUTOMATIC GEAR SHIFTING
Albert A. Hodgkins, Leonia, N. J., assignor to Almarc, Inc., New York, N. Y., a corporation of New York
Application June 17, 1932, Serial No. 617,714
48 Claims. (Cl. 192—.01)



1. In a controlling device for a pneumatically operated motor, the combination with an internal combustion engine having suction inducing means, a pneumatically operated motor operatively connected with a shifting member and connected in communicating relation with the suction producing means whereby the motor is subjected thereto, of a casing, a valve movable therein between two extreme positions, said valve having at least two faces directed in opposite directions, said casing being formed with a vent exposing one face to atmospheric pressure, means carried with said member and extending through the vent, a rocking member having means engaging the extending means, means rocking the rocking member to hold the valve against movement, a conduit connecting the motor with a port on the interior of the casing controlled by said member, spaced ports on the interior of the casing, one of which exposes the other faces to suction, a conduit between said last named ports and the suction producing means and yielding means opposing the atmospheric pressure on said face.

2,124,508
WEFT KNIT FABRIC
James McNamee, Ballston Spa, N. Y.
Application June 26, 1937, Serial No. 150,612
8 Claims. (Cl. 66—201)

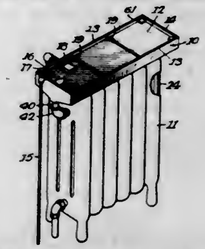
1. A plain weft knit pattern fabric of hard twist yarn, having one area of a plurality of wales and at least four courses knit of yarn twisted in one direction, in combination with an adjacent similar area knit of oppositely twisted yarn, the fabric showing a light-reflection contrast when viewed from the side, one area being dark.



2,124,509
CARBIDES OF TANTALUM AND LIKE METALS AND METHOD OF PRODUCING THE SAME
Philip M. McKenna, Latrobe, Pa.
No Drawing. Application July 15, 1935, Serial No. 31,521
25 Claims. (Cl. 23—208)

1. The new product of reaction between a metal of the group consisting of tantalum and columbium, with carbon, produced in the presence of a molten metallic menstruum differing from the reactants, said product consisting of macro-crystalline carbide of the group of carbides consisting of TaC and CbC, characterized by its metallic lustre, crystalline form, and a combined carbon content in monatomic ratio to the metal present.

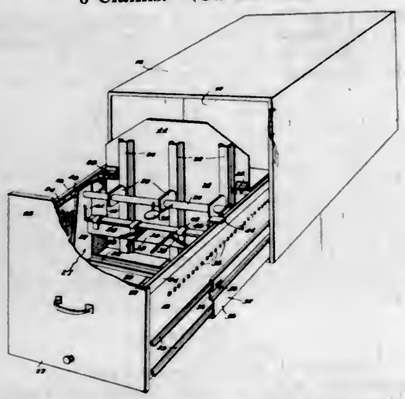
2,124,510
HUMIDIFIER
Charles E. Robb, Rock Island, Ill.
Application April 1, 1935, Serial No. 14,115
10 Claims. (Cl. 257—179)



8. A humidifier comprising a body having end and side walls, said body being continuous between its end and side walls and having a recessed top bounded by said end and side walls and forming an open water-receiving chamber of substantial area and of width and length substantially equal to that of said body, said body also having a closed heating medium chamber beneath said water chamber of substantially the same linear area as said water chamber, an integral heat conducting wall separating said water and heating medium chambers so that it may be contacted substantially throughout its area on one side by a heating medium in said heating medium chamber and on the other side by water in said water chamber, said heat conducting wall forming the bottom of said water chamber and being substantially level and adapted to hold

water over substantially its entire upper surface in a very thin and only slightly mobile layer whereby the water may be quickly vaporized, means on the upper surface of said heat conducting wall to assist in distributing the water in a thin layer over the entire surface of the bottom of said water chamber, means for slowly feeding water to and for maintaining said water in said water chamber at substantially a predetermined level, means at one end of said body for enabling a heating medium inlet pipe to be connected to said body in communication with said closed chamber, and means at the other end of said body for enabling a heating medium outlet pipe to be connected to said body in communication with said closed chamber.

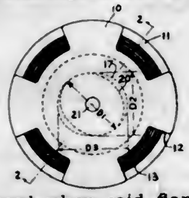
2,124,511
FILING DRAWER
Fred A. Schmitz, Cincinnati, Ohio, assignor to The Globe-Wernicke Company, Norwood, Ohio, a corporation of Ohio
Application March 30, 1935, Serial No. 13,822
8 Claims. (Cl. 129—28)



1. A filing device, comprising, a drawer, a follower plate adjustably mounted in said drawer for movement toward and from the rear wall of the drawer, and a compressing device adjustably fixed in said drawer and movable freely and independently of the follower plate, said compressing device including pressure elements effective against the follower plate for compressing articles stored between said follower plate and the rear wall of the drawer.

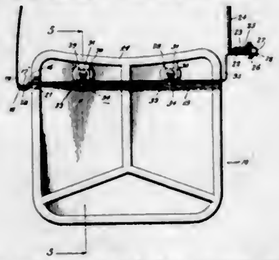
2,124,512
HOLDER FOR FISHLINE COILS AND THE LIKE
Paul A. Allen, Cortland, and Marion Womeldorff, Homer, N. Y., assignors to Cortland Line Company, Inc., Cortland, N. Y., a corporation of New York
Application November 7, 1936, Serial No. 109,744
5 Claims. (Cl. 242—129)

1. A two-part transfer reel comprising a pair of separable flanges mounted for relative rotation about an axis, and mated telescopic spacer means interposed to retain said flanges in a definite laterally spaced relationship, said means comprising an annulus fixedly adjoined to the inner face of one such flange and having a substantially smooth non-circular bore disposed about said axis and which means further comprise an eccentric plug fixedly carried by and extending laterally from the inner face of the other flange with the eccentric superficial contour of the plug cooperatively shaped around said axis to freely telescope within the confines of said non-circular bore and initially provide for a radial clearance gap between the plug and annulus when telescoped, said gap being pro-



gressively reduced when said flanges are manually rotated relative to each other while the flanges remain definitely spaced and thereby bringing said superficial plug contour into wedged tangential engagement with the non-circular bore and which gap is reestablished when said flanges are reversely rotated.

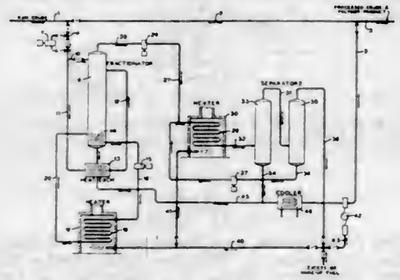
2,124,513
SPLASH GUARD FOR VEHICLE WHEEL FENDERS
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 27, 1935, Serial No. 33,456
8 Claims. (Cl. 280—154.5)



1. In a splash guard for motor vehicles the combination with an automobile fender the rear portion of which is substantially spaced from a vehicle wheel, of an apron adapted to hang substantially vertically behind the wheel of the vehicle; a supporting member extending from the outer edge of the fender to the chassis frame and having means at opposite ends adapted to clamp upon the bottom of said outer edge and the chassis frame respectively so as to be disposed forwardly of the rear of said fender a substantial distance, said clamping means each comprising a fixed jaw and a movable jaw, and said jaws facing in the same direction so that the supporting member may be applied to the chassis frame and outer edge of the fender by a lateral movement in one direction when the jaws are partially open; and means for securing the apron to the supporting member.

2,124,514
METHOD OF TRANSPORTING HYDROCARBON OILS
Richard J. Dearborn, Summit, N. J., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application February 27, 1937, Serial No. 128,069
4 Claims. (Cl. 196—10)

1. A process for stabilizing crude oil, which comprises separating from the oil normally gaseous hydrocarbons thereby forming a stabilized crude, subjecting said normally gaseous hydrocarbons to polymerizing conditions of tempera-

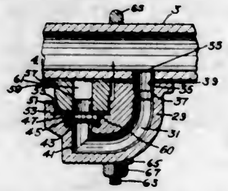


ture and pressure whereby a substantial amount of normally liquid hydrocarbons is formed and readding said normally liquid hydrocarbons to the stabilized crude.

2,124,515
CORE BINDER MATERIAL
Arthur W. Goos, Marquette, Mich., assignor to Cliffs Dow Chemical Company, Marquette, Mich., a corporation of Michigan
No Drawing. Application July 2, 1937, Serial No. 151,661
1 Claim. (Cl. 22—188)

As a core binder, a viscous aqueous solution of the water-soluble tars obtained from pyroligneous acid.

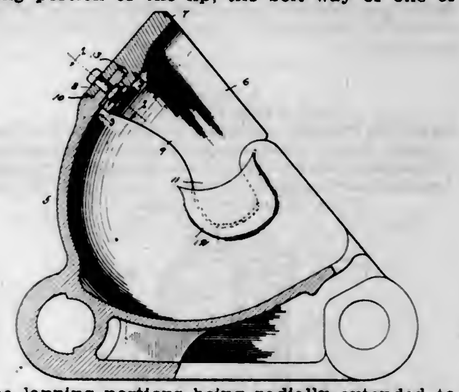
2,124,516
CONDENSATE TRAP FOR SUCTION CONDUITS
Harry Campbell Grant, Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J., a corporation of New York
Application December 17, 1935, Serial No. 54,959
19 Claims. (Cl. 137—103)



1. A combined trap and outlet drain for the condensation products of a conduit normally under suction comprising a trap proper apart from the conduit, means to conduct the condensation products to the trap, means to effect communication of the trap with the atmosphere, and means preventing such communication when the conduit contains a high pressure fluid medium, said last named means being adapted to prevent atmospheric air from entering the trap.

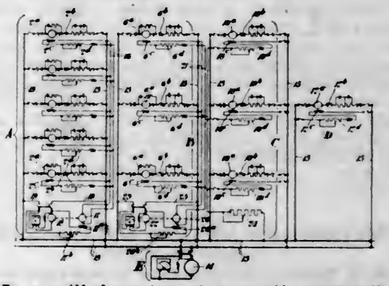
2,124,517
DREDGE BUCKET
George R. Hanks, Clinton, N. J., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J., a corporation of New Jersey
Application April 29, 1937, Serial No. 139,819
5 Claims. (Cl. 37—141)

3. A dredge bucket having a lip seat, a lip adapted to the seat and having end locks, and intermediate locks comprising bolts penetrating a wall of the bucket and inside and outside lapping portion of the lip, the bolt-way of one of



the lapping portions being radially extended to form a housing for means for securing the bolt.

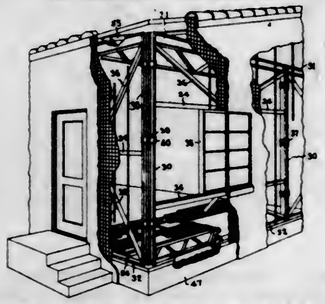
2,124,518
MILL DEPARTMENT CONTROL
Frank Marquart, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application January 2, 1936, Serial No. 57,300
2 Claims. (Cl. 80—31.1)



1. In a mill department, a continuous mill including a plurality of tandem roll-stands each provided with an electric driving motor having a shunt-field winding, other electrical equipment operatively independent of said mill and said motors, a motor-generator set of sufficient capacity to electrically power said motors and said other equipment, power lines arranged to carry the output of said motor-generator set to the armature windings of said motors and to said other electrical equipment that is operatively independent of said motors, whereby variations in the output of said motor-generator set will affect said motors and said other electrical equipment as well, a motor-generator set of approximately no greater capacity than is required to properly energize the said shunt-field windings of said motors, means for electrically connecting the motor of the second named motor-generator set to said power lines, said second named motor-generator set being otherwise entirely independent of the first named motor-generator set, electric lines arranged to carry the output of said second named motor-generator set to said shunt-field windings of said motors, variable resistances arranged in said lines so as to individually control the energizing current supplied each of said shunt-field windings of said motors, and means for varying the output of said second named motor-generator set, whereby the speeds of said

motors may be simultaneously varied without substantially affecting their respective speed ratios and without materially affecting said other electrical equipment or said first named motor-generator set.

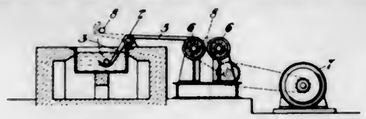
2,124,519
BUILDING STRUCTURE
Edwin H. Piersen and John C. Anderson, Los Angeles, Calif., assignors to Unitype Engineering Company, Reno, Nev., a corporation of Nevada
Application December 6, 1933, Serial No. 701,187
22 Claims. (Cl. 189—1)



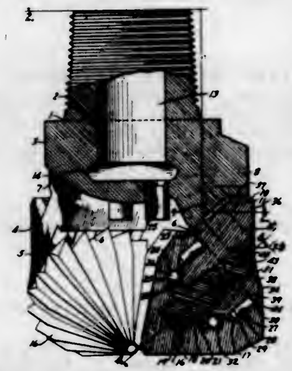
1. A wall frame comprising a plurality of metallic structural units, each of said units having vertically disposed side members, a horizontally disposed top member extending from one of said side members to the other, rigidly secured thereto and adapted to serve as a support for floors and roofs, transmitting the loads thereof to said side members, and two horizontally disposed bottom members spaced apart and extending from one of said side members to the other, rigidly secured thereto and spaced from the lower end thereof when said unit is applied to an upper story of a building.

2,124,520
METHOD OF MAKING GALVANIZED FERROUS PIPE
Frank N. Speller, Pittsburgh, Pa., assignor to National Tube Company, a corporation of New Jersey
Application September 1, 1936, Serial No. 98,990
3 Claims. (Cl. 91—70.2)

1. A method of hot-dip galvanized ferrous pipe including dipping the pipe in molten zinc, removing the pipe from the molten zinc in horizontal position and rotating said pipe while continuously maintaining it in a horizontal position during the solidification of zinc on its surfaces.



2,124,521
DEEP WELL DRILL BIT
Clinton F. Williams and Hans Gruner, Tonkawa, Okla., assignors to Williams Iron Works Company, Tonkawa, Okla., a corporation of Oklahoma
Application June 17, 1936, Serial No. 85,712
10 Claims. (Cl. 255—71)



1. A drill bit including a bit head, a bracket arm extending from the bit head, a spindle head secured to the bracket arm, an extension on the spindle head having roller and ball bearing races respectively, a spindle carried by the spindle head having a ball bearing race, a cutter having ball and roller bearing races cooperating with the ball and roller bearing races of the spindle head extension, roller bearings mounted in the roller bearing races, and ball bearings in said ball bearing races for rotatably retaining the cutter on said extension.

DESIGNS

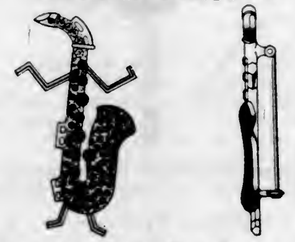
JULY 19, 1938

110,532
DESIGN FOR A BROOCH OR THE LIKE
Oreste J. Agnini, Maywood, and Mary C. Granville, Chicago, Ill., assignors to Agnini & Singer, Chicago, Ill., a co-partnership composed of Oreste J. Agnini and Ralph W. Singer
Application May 14, 1938, Serial No. 77,182
Term of patent 3½ years



The ornamental design for a brooch or the like, as shown.

110,533
DESIGN FOR A BROOCH OR THE LIKE
Oreste J. Agnini, Maywood, and Mary C. Granville, Chicago, Ill., assignors to Agnini & Singer, Chicago, Ill., a co-partnership composed of Oreste J. Agnini and Ralph W. Singer
Application May 14, 1938, Serial No. 77,183
Term of patent 3½ years



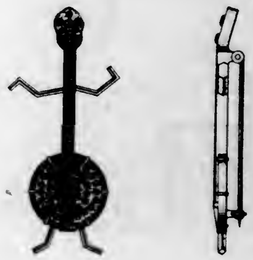
The ornamental design for a brooch or the like, as shown.

110,534
DESIGN FOR A BROOCH OR THE LIKE
Oreste J. Agnini, Maywood, and Mary C. Granville, Chicago, Ill., assignors to Agnini & Singer, Chicago, Ill., a co-partnership composed of Oreste J. Agnini and Ralph W. Singer
Application May 14, 1938, Serial No. 77,184
Term of patent 3½ years



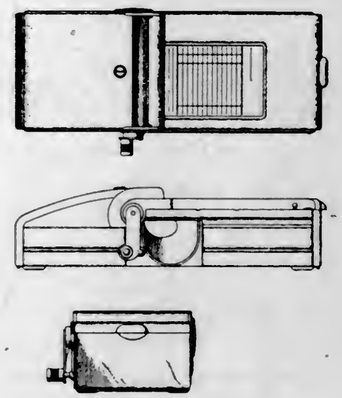
The ornamental design for a brooch or the like, as shown.

110,535
DESIGN FOR A BROOCH OR THE LIKE
Oreste J. Agnini, Maywood, and Mary C. Granville, Chicago, Ill., assignors to Agnini & Singer, Chicago, Ill., a co-partnership composed of Oreste J. Agnini and Ralph W. Singer
Application May 14, 1938, Serial No. 77,185
Term of patent 3½ years



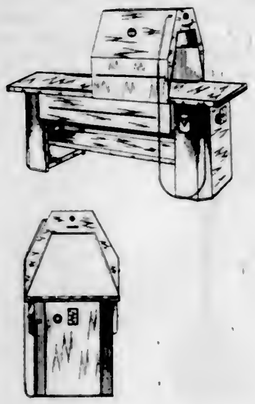
The ornamental design for a brooch or the like, as shown.

110,536
DESIGN FOR AN AUTOGRAPHIC REGISTER
Robert Davol Budlong, Chicago, Ill., assignor to United Autographic Register Co., a corporation of Illinois
Application May 20, 1938, Serial No. 77,319
Term of patent 14 years



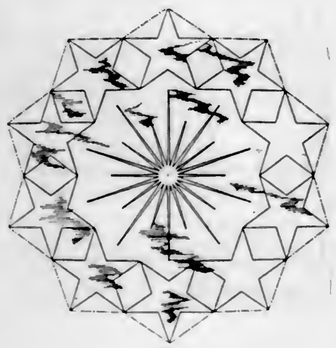
The ornamental design for an autographic register, as shown and described.

110,537
DESIGN FOR A TABLE FOR RAY TREATMENTS
Warren F. Clark, Warren, Pa.
Application December 8, 1937, Serial No. 73,466
Term of patent 3½ years



The ornamental design for a table for ray treatments, substantially as herein shown and described.

110,538
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Paul S. Donchian, Hartford, Conn.
Application March 5, 1938, Serial No. 75,623
Term of patent 14 years



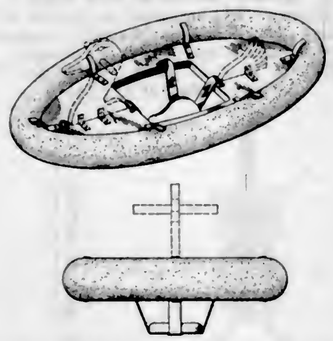
The ornamental design for a plate or similar article substantially as shown and described.

110,539
DESIGN FOR A FAN OR SIMILAR ARTICLE
Abraham Fingerhut, Woodmere, N. Y.
Application May 20, 1938, Serial No. 77,315
Term of patent 7 years



The ornamental design for a fan or similar article, substantially as shown and described.

110,540
DESIGN FOR A CHILD'S PLAY RAFT
George A. Grant and Wells F. Le Moine, Oakland, Calif.
Application November 3, 1937, Serial No. 72,603
Term of patent 14 years



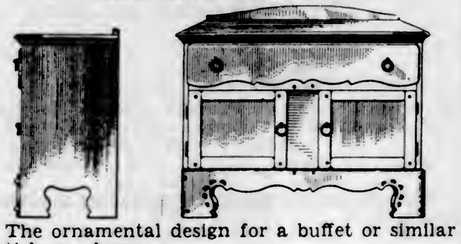
The ornamental design for a child's play raft, substantially as shown.

110,541
DESIGN FOR A BUFFET OR SIMILAR ARTICLE
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,795
Term of patent 3½ years



The ornamental design for a buffet or similar article, as shown.

110,542
DESIGN FOR A BUFFET OR SIMILAR ARTICLE
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,796
Term of patent 3½ years



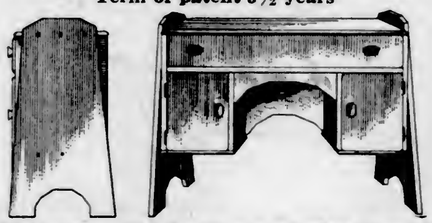
The ornamental design for a buffet or similar article, as shown.

110,543
DESIGN FOR A BUFFET OR SIMILAR ARTICLE
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,797
Term of patent 3½ years



The ornamental design for a buffet or similar article, as shown.

110,544
DESIGN FOR A BUFFET OR SIMILAR ARTICLE
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,798
Term of patent 3½ years



The ornamental design for a buffet or similar article, as shown.

110,545
DESIGN FOR A CHAIR
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,799
Term of patent 3½ years



The ornamental design for a chair, as shown.

110,546
DESIGN FOR A CHAIR
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,800
Term of patent 3½ years



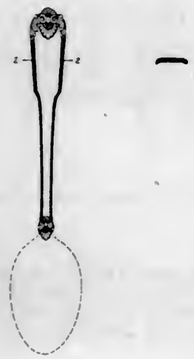
The ornamental design for a chair, as shown.

110,547
DESIGN FOR A CHAIR
William J. Hickerson, Philadelphia, Pa.
Application June 13, 1938, Serial No. 77,801
Term of patent 3½ years



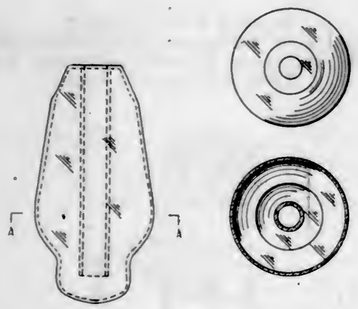
The ornamental design for a chair, as shown.

110,548
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Alfred G. Kintz, Wallingford, Conn., assignor to International Silver Company, Meriden, Conn., a corporation of New Jersey
Application May 11, 1938, Serial No. 77,124
Term of patent 14 years



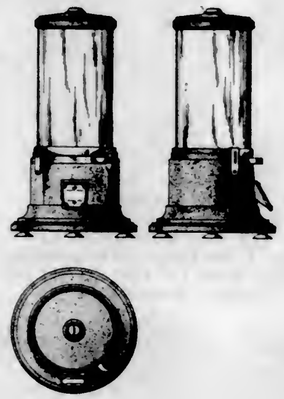
The ornamental design for a spoon or other article of flatware, substantially as shown and described.

110,549
DESIGN FOR A BAROMETER
Harry C. Nightingale, Paterson, N. J.
Application April 14, 1938, Serial No. 76,501
Term of patent 14 years



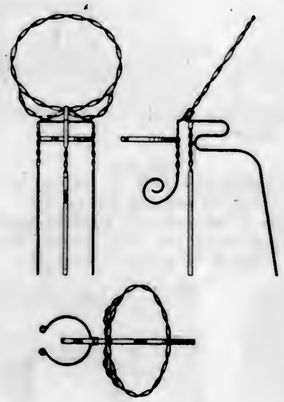
The ornamental design for a barometer, substantially as shown.

110,550
DESIGN FOR A VENDING MACHINE
Abraham E. Sandhaus, Kansas City, Mo.
Application April 27, 1938, Serial No. 76,762
Term of patent 7 years



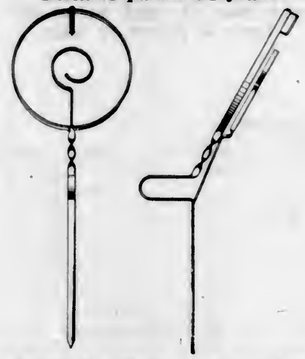
The ornamental design for a vending machine, as shown.

110,551
DESIGN FOR A COMBINED FLOWERPOT, WREATH, AND FLAG HOLDER
Stephania M. Smith, St. Louis, Mo.
Application April 26, 1938, Serial No. 76,760
Term of patent 14 years



The ornamental design for a combined flowerpot, wreath, and flag holder, as shown.

110,552
DESIGN FOR A COMBINED FLOWERPOT, WREATH, AND FLAG HOLDER
Stephania M. Smith, St. Louis, Mo.
Application May 5, 1938, Serial No. 77,017
Term of patent 14 years



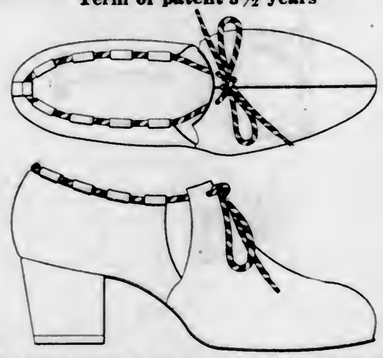
The ornamental design for a combined flowerpot, wreath, and flag holder as shown.

110,553
DESIGN FOR A DRINKING GLASS
James E. Spence, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application May 16, 1938, Serial No. 77,235
Term of patent 14 years



The ornamental design for a drinking glass as shown.

110,554
DESIGN FOR A SHOE
Burton L. Wales, Abington, Mass., assignor to The Stetson Shoe Company, Inc., Weymouth, Mass., a corporation of Massachusetts
Application May 25, 1938. Serial No. 77,363
Term of patent 3½ years



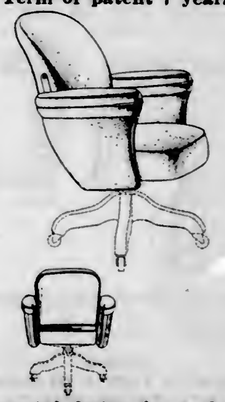
The ornamental design for a shoe, substantially as shown.

110,555
DESIGN FOR A SHOE
Burton L. Wales, Abington, Mass., assignor to The Stetson Shoe Company, Inc., Weymouth, Mass., a corporation of Massachusetts
Application May 25, 1938, Serial No. 77,364
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

110,556
DESIGN FOR A CHAIR OR SIMILAR ARTICLE
Glenn D. Wood, Elkhart, Ind., assignor to Posture Research Corporation, Elkhart, Ind., a corporation of Indiana
Application October 28, 1937, Serial No. 72,474
Term of patent 7 years



The ornamental design for a chair or similar article, substantially as shown.

110,557
DESIGN FOR A BROOCH OR THE LIKE
Oreste J. Agnini, Maywood, and Mary C. Granville, Chicago, Ill., assignors to Agnini & Singer, Chicago, Ill., a co-partnership composed of Oreste J. Agnini and Ralph W. Singer
Application May 14, 1938, Serial No. 77,186
Term of patent 3½ years



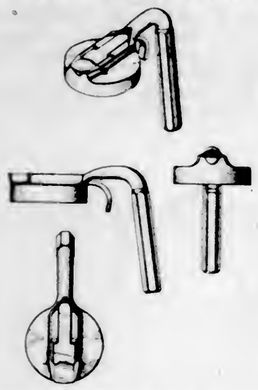
The ornamental design for a brooch or the like, as shown.

110,558
DESIGN FOR A BROOCH OR THE LIKE
Oreste J. Agnini, Maywood, and Mary C. Granville, Chicago, Ill., assignors to Agnini & Singer, Chicago, Ill., a co-partnership composed of Oreste J. Agnini and Ralph W. Singer
Application May 14, 1938, Serial No. 77,187
Term of patent 3½ years



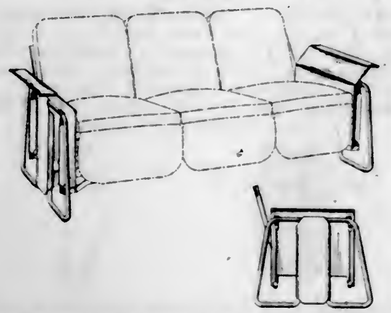
The ornamental design for a brooch or the like, as shown.

110,559
DESIGN FOR A CONTAINER CLOSURE
Rudolph Bernhardt, Chicago, Ill.
Application May 28, 1938, Serial No. 77,451
Term of patent 14 years



The ornamental design for a container closure, as shown.

110,560
DESIGN FOR A GLIDER
Aaron S. Goldberg, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 19, 1937, Serial No. 73,011
Term of patent 7 years



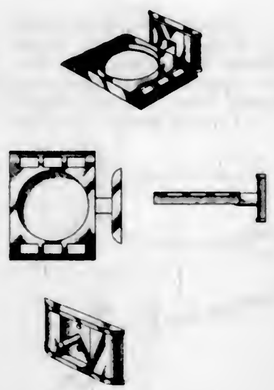
The ornamental design for a glider, as shown.

110,561
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Lillian V. M. Helander, Meriden, Conn., assignor to International Silver Company, Meriden, Conn., a corporation of New Jersey
Application May 11, 1938, Serial No. 77,123
Term of patent 14 years



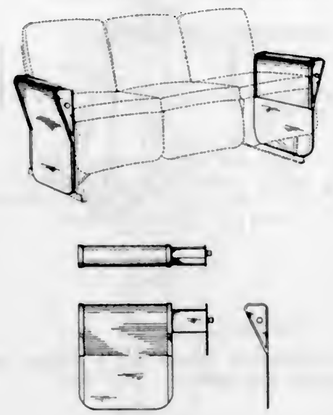
The ornamental design for a spoon or other article of flatware, substantially as shown and described.

110,562
DESIGN FOR A COMBINED TOOTH BRUSH AND TUMBLER HOLDER
Gustave A. Hallenscheid, Los Angeles, Calif.
Application January 3, 1938, Serial No. 74,054
Term of patent 14 years



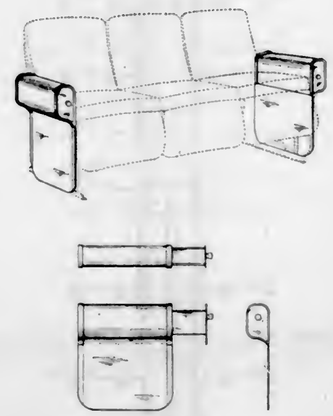
The ornamental design for a combined tooth brush and tumbler holder, as shown.

110,563
DESIGN FOR A PORCH GLIDER OR SIMILAR ARTICLE
Nathan Hurwitz, Cleveland, Ohio
Application June 14, 1938, Serial No. 77,840
Term of patent 7 years



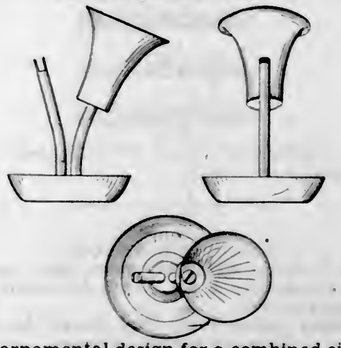
The ornamental design for a porch glider or similar article, substantially as shown.

110,564
DESIGN FOR A PORCH GLIDER OR SIMILAR ARTICLE
Nathan Hurwitz, Cleveland, Ohio
Application June 14, 1938, Serial No. 77,841
Term of patent 7 years



The ornamental design for a porch glider or similar article, substantially as shown.

110,565
DESIGN FOR A COMBINED CIGARETTE RECEPTACLE, MATCH HOLDER, AND ASHTRAY
Gretchen Goughnour, York, Pa., assignor to Lewis P. Weil, Philadelphia, Pa.
Application March 8, 1938, Serial No. 75,655
Term of patent 3½ years



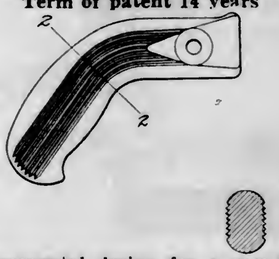
The ornamental design for a combined cigarette receptacle, match holder, and ashtray, as shown.

110,566
DESIGN FOR A JAR
Jean Emerit, Paris, France, assignor to the firm Bonnetti Freres, Seine, France
Application May 31, 1938, Serial No. 77,466
Term of patent 14 years



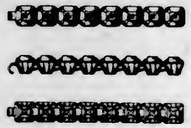
The ornamental design for a jar, as shown.

110,567
DESIGN FOR A SAW HANDLE
Alan C. Ferguson, Worcester, Mass., assignor to Parker Wire Goods Company, Worcester, Mass., a corporation of Massachusetts
Application May 25, 1938, Serial No. 77,373
Term of patent 14 years



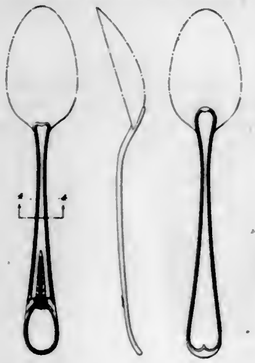
The ornamental design for a saw handle, as shown.

110,568
DESIGN FOR A BRACELET CHAIN
Louis Garfinkel, Providence, R. I., assignor to T. & R. Jewelry Company, Providence, R. I., a partnership composed of Louis Garfinkel and Angelo Rossi
Application May 20, 1938, Serial No. 77,296
Term of patent 14 years



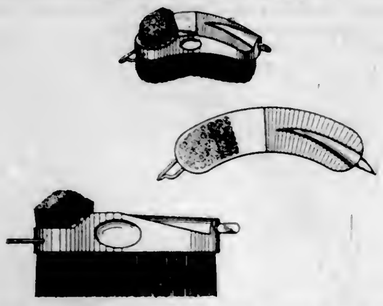
The ornamental design for a bracelet chain, substantially as shown.

110,569
DESIGN FOR A SPOON
Charles A. Joslin, North Attleboro, Mass., assignor to R. Blackinton & Co., North Attleboro, Mass., a copartnership
Application January 10, 1938, Serial No. 74,169
Term of patent 14 years



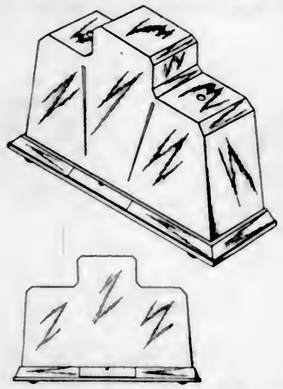
The ornamental design for a spoon, as shown and described.

110,570
DESIGN FOR A DENTAL PLATE BRUSH OR SIMILAR ARTICLE
Lou Dunlap Laird, Columbus, Ohio
Application November 29, 1937, Serial No. 73,239
Term of patent 7 years



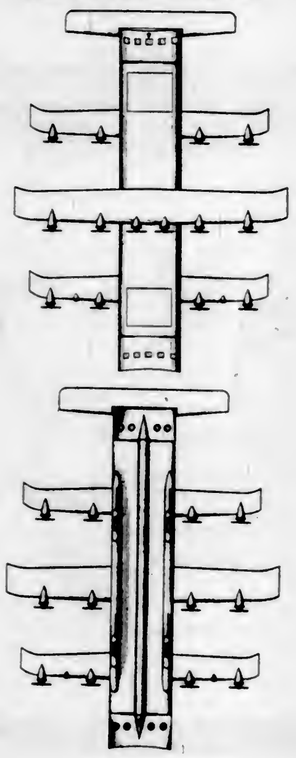
The ornamental design for a dental plate brush or similar article, as shown.

110,571
DESIGN FOR A GREASE CABINET
Ross Kelly McCoy, Oakland, Calif., assignor to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri
Application July 6, 1937, Serial No. 70,277
Term of patent 7 years

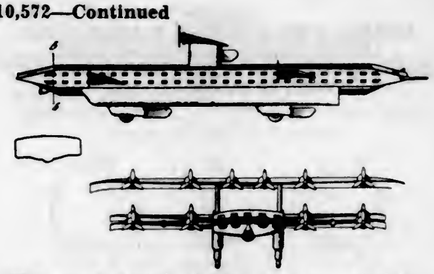


The ornamental design for a grease cabinet, substantially as shown.

110,572
DESIGN FOR AN AIRSHIP
Sam T. Rogers, Washington, D. C.
Application May 20, 1938, Serial No. 77,321
Term of patent 14 years

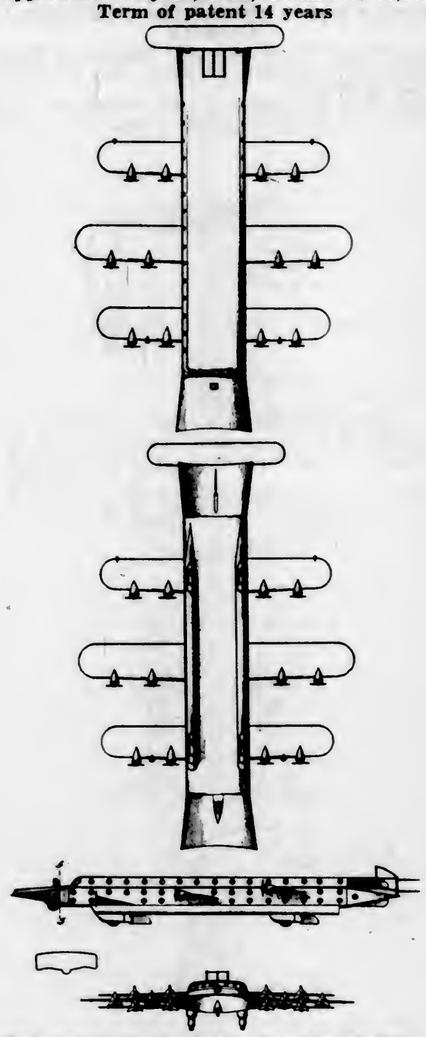


110,572—Continued



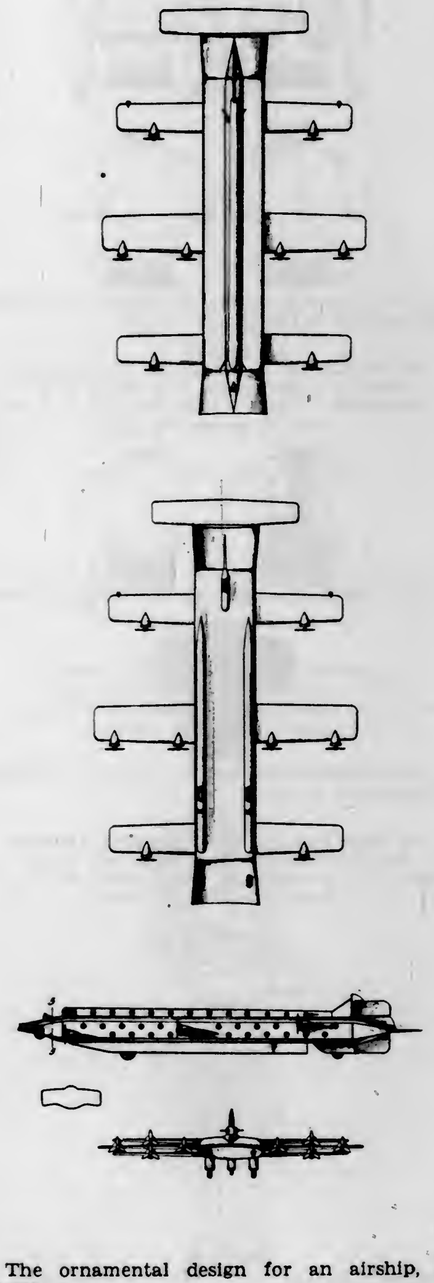
The ornamental design for an airship, as shown.

110,573
DESIGN FOR AN AIRSHIP
Sam T. Rogers, Washington, D. C.
Application May 31, 1938, Serial No. 77,470
Term of patent 14 years



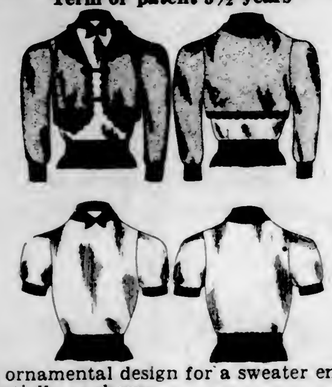
The ornamental design for an airship, as shown.

110,574
DESIGN FOR AN AIRSHIP
Sam T. Rogers, Washington, D. C.
Application June 6, 1938, Serial No. 77,636
Term of patent 14 years



The ornamental design for an airship, as shown.

110,575
DESIGN FOR A SWEATER ENSEMBLE
Samuel Sheindelman, New York, N. Y.
Application June 23, 1938, Serial No. 77,998
Term of patent 3½ years



The ornamental design for a sweater ensemble, substantially as shown.

110,576
DESIGN FOR A SWEATER ENSEMBLE
Samuel Sheindelman, New York, N. Y.
Application June 23, 1938, Serial No. 77,999
Term of patent 3½ years



The ornamental design for a sweater ensemble, substantially as shown.

110,577
DESIGN FOR AN AMUSEMENT TOWER
Joseph B. Strauss, San Francisco, Calif.
Application February 1, 1938, Serial No. 74,773
Term of patent 3½ years



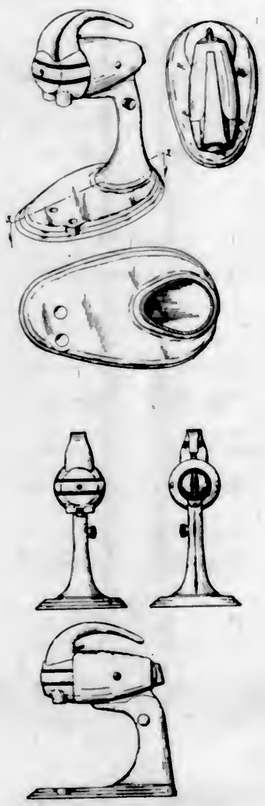
The ornamental design for an amusement tower, substantially as shown and described.

110,578
DESIGN FOR A WRIST WATCH CASE
Harold Bentler, Los Angeles, Calif.
Application March 16, 1938, Serial No. 75,879
Term of patent 14 years



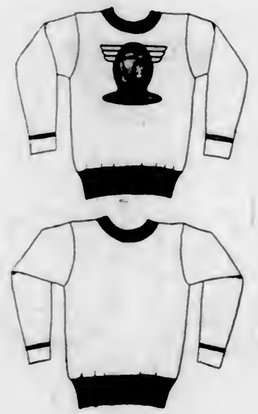
The ornamental design for a wrist watch case, as shown.

110,579
DESIGN FOR A FOOD MIXER OR SIMILAR ARTICLE
David Chapman, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application November 6, 1937, Serial No. 72,654
Term of patent 7 years



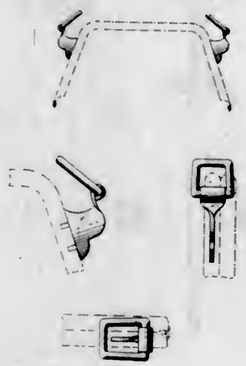
The ornamental design for a food mixer or similar article, substantially as shown.

110,580
DESIGN FOR A SWEAT SHIRT
Harry Charles, Norwich, N. Y., assignor to Norwich Knitting Company, Norwich, N. Y., a corporation of New York
Application June 1, 1938, Serial No. 77,487
Term of patent 7 years



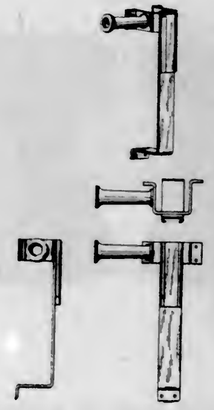
The ornamental design for a sweat shirt, as shown and described.

110,581
DESIGN FOR A HANDBAG FRAME
Jack Green, Newark, N. J., assignor to The J. E. Mergott Company, Newark, N. J., a corporation of Delaware
Application April 26, 1938, Serial No. 76,756
Term of patent 3½ years



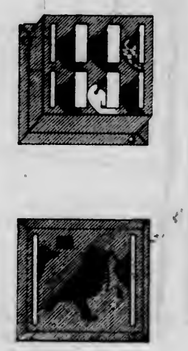
The ornamental design for a handbag frame, as shown and described.

110,582
DESIGN FOR A RANGE FINDER BRACKET
Leon Hartman, New York, N. Y., assignor to Abbey Photo Corporation, New York, N. Y., a corporation of New York
Application May 28, 1938, Serial No. 77,457
Term of patent 7 years



The ornamental design for a range finder bracket, substantially as shown and described.

110,583
DESIGN FOR A THREAD DISPENSER
Charlotte Huber, New York, N. Y.
Application March 28, 1938, Serial No. 76,132
Term of patent 7 years



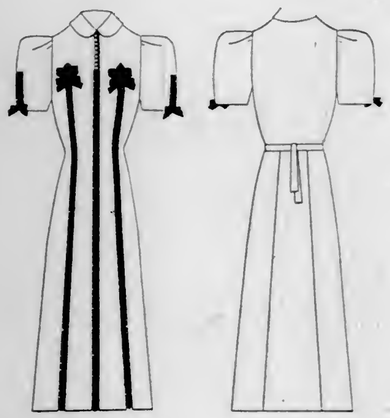
The ornamental design for a thread dispenser, as shown and described.

110,584
DESIGN FOR A DRESS
Hilda Jerome, Philadelphia, Pa., assignor to Rosenau Bros. Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application June 8, 1938, Serial No. 77,679
Term of patent 3½ years



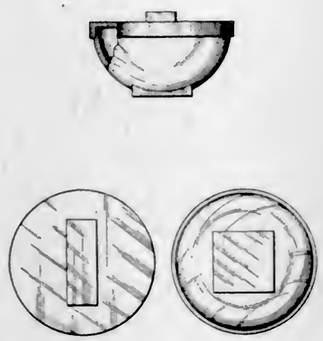
The ornamental design for a dress, as shown.

110,585
DESIGN FOR A DRESS
Celia Kawaller, New York, N. Y.
Application June 20, 1938, Serial No. 77,934
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,586
DESIGN FOR A SHAVING BOWL
Florence N. Lewis, New York, N. Y., assignor to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,747
Term of patent 3½ years



The ornamental design for a shaving bowl, as shown and described.

110,587
DESIGN FOR A FISHING FLOAT
Charles D. Myers, Oklahoma City, Okla.
Application April 30, 1938, Serial No. 76,900
Term of patent 14 years



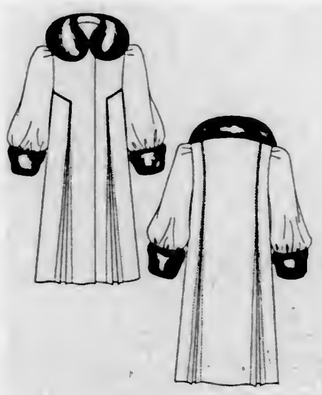
The ornamental design for a fishing float, as shown.

110,588
DESIGN FOR A COAT
Sol Prestyly, Brooklyn, N. Y.
Application June 28, 1938, Serial No. 78,107
Term of patent 3½ years



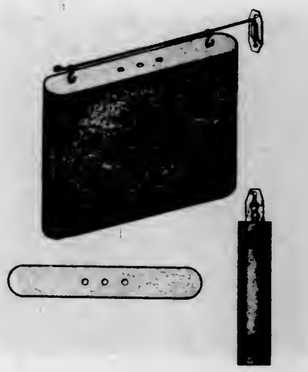
The ornamental design for a coat, substantially as shown.

110,589
DESIGN FOR A COAT
Sol Prestyly, Brooklyn, N. Y.
Application June 28, 1938, Serial No. 78,108
Term of patent 3½ years



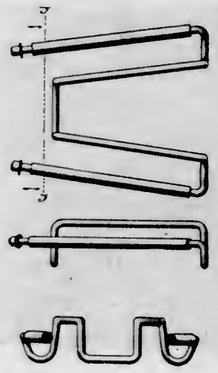
The ornamental design for a coat, substantially as shown.

110,590
DESIGN FOR AN ILLUMINATED ADVERTISING DISPLAY DEVICE
Herbert O. Sperry, Drexel Hill, Pa.
Application May 14, 1938, Serial No. 77,192
Term of patent 3½ years



The ornamental design for an illuminated advertising display device, as shown.

110,591
DESIGN FOR A SHOE POLISHING DEVICE OR SIMILAR ARTICLE
Frederick W. Watson, Brooklyn, N. Y.
Application October 6, 1937, Serial No. 72,027
Term of patent 7 years



The ornamental design for a shoe polishing device or similar article, as shown.

110,592
DESIGN FOR A TEXTILE FABRIC
Jack Antkies, New York, N. Y.
Application June 28, 1938, Serial No. 78,112
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,593
DESIGN FOR A TEXTILE FABRIC
Jack Antkies, New York, N. Y.
Application June 28, 1938, Serial No. 78,113
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,594
DESIGN FOR A DRESS ENSEMBLE
Elizabeth M. Ciccone, New York, N. Y.
Application June 23, 1938, Serial No. 77,997
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown and described.

110,595
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Andrew Clemente, Hoboken, N. J.
Application June 10, 1938, Serial No. 77,724
Term of patent 3½ years



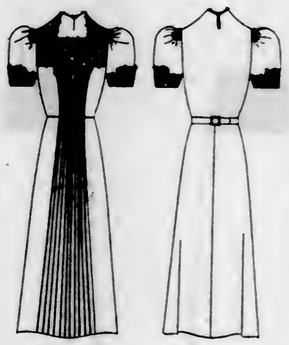
The ornamental design for a textile fabric or similar article, as shown and described.

110,596
DESIGN FOR A DRESS
Elsie Fischer, New York, N. Y.
Application June 30, 1938, Serial No. 78,159
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,597
DESIGN FOR A DRESS
Esther Jocell, New York, N. Y.
Application June 30, 1938, Serial No. 78,157
Term of patent 3½ years



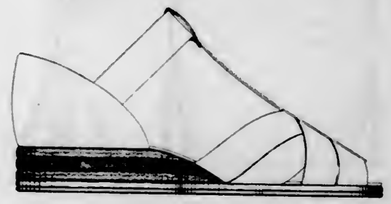
The ornamental design for a dress, substantially as shown.

110,598
DESIGN FOR A DRESS
Esther Jocell, New York, N. Y.
Application June 30, 1938, Serial No. 78,158
Term of patent 3½ years



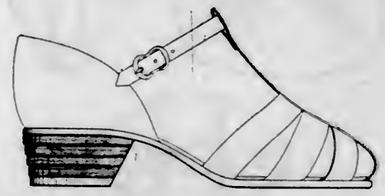
The ornamental design for a dress, substantially as shown.

110,599
DESIGN FOR A SHOE
Roy Maling, West Roxbury, Mass.
Application June 2, 1938, Serial No. 77,525
Term of patent 7 years



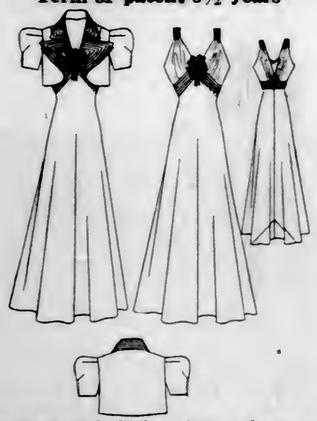
The ornamental design for a shoe, as shown and described.

110,600
DESIGN FOR A SHOE
Roy Maling, West Roxbury, Mass.
Application June 9, 1938, Serial No. 77,682
Term of patent 7 years



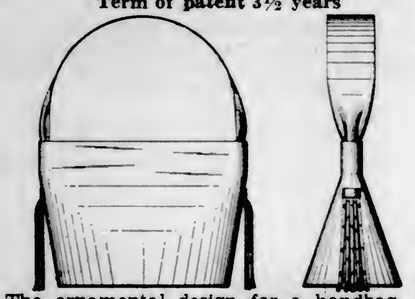
The ornamental design for a shoe, as shown and described.

110,601
DESIGN FOR A DRESS ENSEMBLE
Margaret Michelson, New York, N. Y.
Application June 25, 1938, Serial No. 78,006
Term of patent 3½ years



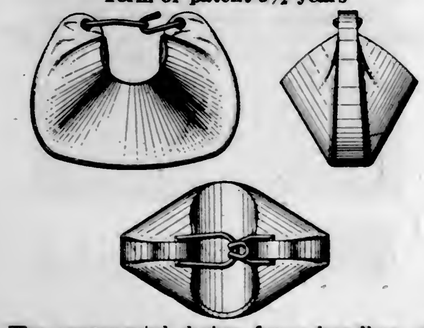
The ornamental design for a dress ensemble, substantially as shown.

110,602
DESIGN FOR A HANDBAG
Irving Pichel, New York, N. Y.
Application June 24, 1938, Serial No. 78,018
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown.

110,603
DESIGN FOR A HANDBAG
Irving Pichel, New York, N. Y.
Application June 24, 1938, Serial No. 78,019
Term of patent 3½ years



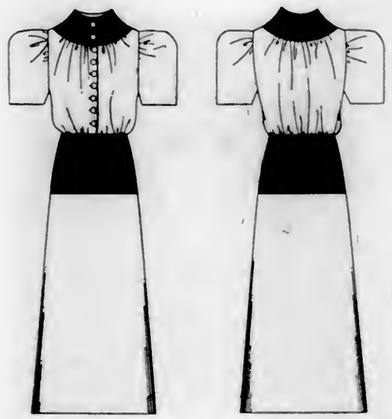
The ornamental design for a handbag, substantially as shown.

110,604
DESIGN FOR A NEGLIGEE
Ethel Eaton Stricker, New York, N. Y.
Application June 21, 1938, Serial No. 77,970
Term of patent 3½ years



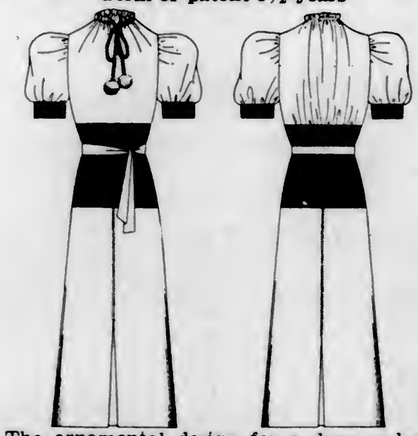
The ornamental design for a negligee, substantially as shown.

110,605
DESIGN FOR A DRESS
Mildred Wagner, New York, N. Y.
Application June 25, 1938, Serial No. 78,044
Term of patent 3½ years



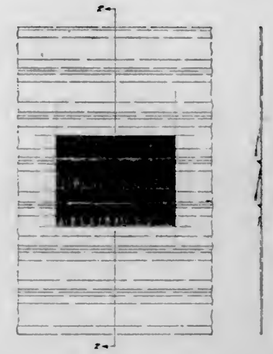
The ornamental design for a dress, substantially as shown and described.

110,606
DESIGN FOR A DRESS
Mildred Wagner, New York, N. Y.
Application June 25, 1938, Serial No. 78,045
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,607
DESIGN FOR A TEXTILE FABRIC
Jean Guy Donadieu, New York, N. Y.
Application November 15, 1937, Serial No. 72,902
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

Patents Nos. 2,124,522 to 2,125,262

THE OFFICIAL GAZETTE

OF THE

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July 26, 1938

Trade-Marks	287—No.	358,729 to No.	359,015, inclusive.
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Labels	10—No.	51,553 to No.	51,562, inclusive.
Prints	3—No.	16,949 to No.	16,951, inclusive.
Reissues	6—No.	20,807 to No.	20,812, inclusive.
Patents	741—No.	2,124,522 to No.	2,125,262, inclusive.
Designs	81—No.	110,608 to No.	110,688, inclusive.
Total	1,143		

Adjudicated Patents

(D. C. Del.) Hurxthal patent, No. 1,540,628, for automatic temperature control for bread toasters, claims 1, 2, and 3 *Held* valid and infringed. *Proctor Electric Co.* v. *McGraw Electric Co.*, 23 F. Supp. 343.

(D. C. Del.) Hurxthal patent, No. 1,907,199, for cooking utensil, claims 1 to 6 *Held* valid and infringed. *Id.*

Disclaimers

1,757,601.—*Winston F. Stoody, Shelley M. Stoody,* and *Norman W. Cole,* Whittier, Calif. Welding Rod. Patent dated May 6, 1930. Disclaimer filed June 27, 1938, by the assignee, *Stoody Company.*

Hereby enters this disclaimer as follows:

1. Page 1, lines 24 and 25 of the words "or element such as black diamonds".

2. So much of claim 1 of said patent as is in excess of the following:

1. A welding rod comprising a tubular container closed at one end and made of mild steel and pieces of a hard alloy namely tungsten carbide having a higher melting point which will not be so materially affected by welding temperature of that created by an acetylene torch as to lose its original identity and mix with the mild steel when subjected to the welding temperature created thereby in the ordinary course of welding, contained in said container.

3. So much of claim 2 as is in excess of the following:

2. A welding rod comprising a tubular container made of a metal of comparatively low melting point capable of being fused to the tool it is desired to face, and pieces of an alloy containing tungsten and carbon and composed principally of tungsten carbide within said container.

4. So much of claim 3 as is in excess of the following:

3. A welding rod comprising a metal of comparatively low melting point capable, when molten, of dissolving tungsten carbide, and pieces of an alloy containing tungsten and carbon composed principally of tungsten carbide associated therewith.

5. So much of claim 5 as is in excess of the following:

5. A welding rod comprising a granular mass of an alloy containing tungsten and carbon and composed principally of tungsten carbide enclosed within a metal of comparatively low melting point, the particles of the alloy being of such size that they will not be completely melted or mixed or dissolved with the metal under the welding temperature of an oxy-acetylene torch.

6. So much of claim 6 as is in excess of the following:

6. A welding rod comprising a granular mass of an alloy of relatively high melting point, namely tungsten carbide, enclosed within a metal of comparatively low melting point, namely mild steel, the particles of the alloy being of such size that they will not be completely melted or mixed or dissolved with the mild steel under the welding temperature of an acetylene torch.

2,005,527.—*Joseph G. Alther,* Chicago, Ill. Treatment of Hydrocarbon Oils. Patent dated June 18, 1935. Disclaimer filed June 29, 1938, by the patentee; the assignee, *Universal Oil Products Company,* approving and concurring.

Hereby enters this disclaimer to claims 3, 4, and 5 of the patent.

2,048,168.—*John D. Pollard,* Baltimore, Md. Nitrated Ortho-Alkyl-Phenolic Compounds. Patent dated July 21, 1936. Disclaimer filed June 25, 1938, by the assignee, *Veader Leonard.*

Hereby enters this disclaimer to claims 1, 2, 3, 5, and 7 of said patent.

T. M. 161,856.—*Whiting-Plover Paper Co.,* Stevens Point, Wis. Bond Papers Made Principally from Bleached Sulphite Pulp or Rag Stock or a Combination of Both. Registered November 21, 1922. Disclaimer filed April 16, 1938, by the registrant.

Hereby disclaims any use of the trade-mark shown in said registration upon bond papers containing less than twenty-five per cent (25%) rag content.

Condition of Applications Under Examination at Close of Business July 9, 1938

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 47,340; Trade-Mark Division, 1,610. Oldest new case, Nov. 2, 1937; oldest amended, Nov. 4, 1937.) (The dates given are 1938 except where † indicates 1937) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Feb. 1	Feb. 7	791
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Jan. 26	Feb. 1	1,006
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Apr. 21	Apr. 9	490
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Mar. 16	Mar. 30	538
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Apr. 2	Apr. 2	679
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 1	Feb. 28	1,056
5725	7. JARBOE, C. G., Optics; Photography	Mar. 21	Mar. 21	923
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Apr. 4	Mar. 24	672
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Apr. 6	Apr. 13	395
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Feb. 23	Feb. 23	870
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Mar. 23	Mar. 24	535
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Dec. 13	†Dec. 11	1,038
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling	Feb. 23	Feb. 23	594
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Apr. 15	Apr. 14	552
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Mar. 14	Mar. 14	1,328
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 7	Feb. 7	986
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Feb. 24	Feb. 21	828
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Feb. 23	Feb. 23	564
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 15	Mar. 2	680
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 26	Apr. 6	434
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Apr. 11	Apr. 11	516
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Apr. 5	Apr. 5	673
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 2	†Nov. 4	336
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Apr. 11	Apr. 11	653
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Mar. 29	Mar. 23	647
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Mar. 11	Mar. 12	557
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 17	Jan. 14	1,106
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Apr. 6	Mar. 28	368
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 10	Jan. 10	1,067
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 9	Feb. 9	829
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Apr. 13	Apr. 11	607
4066	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Apr. 4	Apr. 5	591
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Apr. 12	Mar. 31	795
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Mar. 17	Mar. 25	365
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 22	Mar. 28	715
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Feb. 12	Feb. 14	590
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Jan. 13	Jan. 4	970
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	†Dec. 30	†Dec. 24	847
4378	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Mar. 3	Mar. 4	648
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Feb. 10	Feb. 10	1,527
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 4	Mar. 21	295
5882	42. CUTTING, H. O., Electric Signaling	Jan. 3	†Dec. 7	796
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 25	Apr. 2	599
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Feb. 10	Feb. 11	749
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 3	Mar. 2	773
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Mar. 9	Mar. 9	575
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Mar. 15	Mar. 11	687
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Mar. 24	Mar. 28	489
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 6	Jan. 8	1,021
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 4	Apr. 4	667
5628	51. BACKUS, C. D., Radiant Energy	Apr. 4	Apr. 4	822
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Mar. 30	Apr. 1	815
6397	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Mar. 16	Mar. 18	738
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	May 6	May 6	416
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Feb. 7	Feb. 7	1,061
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Feb. 9	Feb. 9	1,003
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Mar. 11	Mar. 8	505
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 18	401
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Apr. 8	Apr. 11	597
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Mar. 1	Feb. 25	555
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 4	Feb. 1	721
5621	62. PUGH, E. C., Games; Geometrical Instruments	Apr. 4	Apr. 8	609
4883	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Apr. 18	Apr. 16	321
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 1	Mar. 1	1,261
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 4	Feb. 3	704
2099B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND {Trade-Marks	June 1	June 9	1,383
	{Labels and Prints	June 16	June 24	227
2605	DESIGNS: H. H. KALUPY	June 4	June 22	704

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE ADRIAN

No. 3,911. Decided February 28, 1938

[94 F.(2d) 808]

PATENTABILITY—COIN-CONTROLLED SOUND REPRODUCING SYSTEM.

Certain claims for a coin-controlled sound reproducing system *Held* patentable and a certain other and broader claim which does not include a reproducer as an element of the combination *Held* unpatentable over the prior art.

APPEAL from Patent Office. Modified.

Messrs. Wheeler, Wheeler & Wheeler (*Mr. S. L. Wheeler* and *Mr. John J. Darby* of counsel) for Adrian.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

BLAND, *J.:*

The Primary Examiner of the United States Patent Office, after having allowed certain claims, refused to allow, for want of invention in view of the prior art, the claims involved in this appeal, together with other claims which, upon appeal to the Board, were allowed. From the decision of the Board affirming the rejection by the Examiner of the claims at bar, 2, 5, 6, 9, 14, 26, 27, 31, 32, and 33, the applicant has appealed here.

Claims 2, 9, and 33 are illustrative of all the claims involved in the appeal and read as follows:

2. In a reproducing system, the combination with a reproducer, of a coin sorting device having channels to receive the sorted coins, and means in the path of a coin traversing each such channel for energizing the reproducer for varying periods corresponding to the relative value of the coin.

9. In a reproducer system, the combination with a reproducer, of impulse operated means for controlling the reproducer, a series of impulse producing switches, and coin receiving means including a sorting means and conduits leading from said sorting means for guiding coins of different denominations past predetermined switches in accordance with their respective denominations.

33. A coin operated mechanism comprising the combination with a control device, of coin operated means for determining the response of said device and including a plurality of control members each operatively connected with said device to produce a particular response thereof, a coin sorter, means cooperating with said members for the coin controlled actuation thereof, and conduits each adapted to receive a coin of a particular denomination from said sorter and leading from said sorter to said members and cooperating means, whereby the coin deposited in said sorter will automatically predetermine the response of said device.

The references relied upon are: Weser, 884,441, April 14, 1908; Burian, 1,575,537, March 2, 1926; McClatchie, 1,046,096, December 3, 1912; Goodrum, 1,137,399, April 27, 1915.

The application relates to a coin-controlled sound reproducing system which is somewhat complicated in nature, but a full understanding of the details of the device is not necessary in considering the issue here presented. The claims all relate to a combination involving three elements, namely, a reproducer, a coin-sorting device, and a mechanism whereby a coin passing through each channel of the coin-sorting device will energize the reproducer for a period of time corresponding to the value of the coin.

The patent to Weser is concerned with a coin-controlled apparatus in which a sound reproducer is actuated by coins placed in slots, two of which are shown in the drawing. The specification provides in substance that other slots may be provided for other coins as may be desired.

The patent to Burian relates to a change making and fare registering machine. It has a single coin receiving slot and a mechanism for sorting different coins in the different chutes. In passing through the chutes the coins actuate mechanism in accordance with the value of the coins so as to dispense change in the right amount after deducting and registering the fare.

The McClatchie patent discloses a coin slot machine in which coins of different denominations form the electrical connecting means, and their values are said to be "faithfully recorded at a distance." The device is suitable for use by telephone companies and the like. McClatchie discloses a series of contact members cooperating with a part of the chute (three chutes for three different sized coins are shown) when connected with the coin to cause a circuit to operate this mechanism to bring about the desired service. The number of times the circuit is energized depends upon the value of the coin.

The patent to Goodrum relates to a multi-coin collector and rate indicator for automatic telephone systems. It also shows a series of switches and a series of coin chutes. A coin of a certain value deposited in one of the chutes closes one switch which sends a single impulse. Coins of greater value close two or more switches depending on the value of the coin, which in turn operate the circuit.

All the claims on appeal were rejected by the Examiner as being unpatentable over Weser in view of either Goodrum or McClatchie and Burian. The Examiner stated that it was held not to involve invention to substitute the coin chutes and coin controlled circuit closing means of either Goodrum or McClatchie for the contacts of Weser, nor would it involve invention to feed coins to such combined structures through Burian's coin assorter. He also rejected claims 2, 9, 26, 27, 31, and 33 as being unpatentable over Weser in view of Burian, and held that it would not involve invention to feed coins to Weser's structure through an assorter such as shown by Burian. The above rejection, which is based upon a combination of references, will be hereinafter referred to as the first rejection.

Claims 2, 6, 27, and 31 to 33 were also rejected as being drawn to an old combination. This ground of rejection of the Examiner as to these claims was in the following language:

• • • [These claims] were rejected as being drawn to the old combination of coin assorting means and coin controlled mechanism as shown by Burian. In argument against this rejection, and in argument against combin-

ing the references as set forth above applicant has contended that because certain units or elements of his device were different from corresponding units of the references, the rejections should be withdrawn. However, applicant's attention was directed to *In re Vaeter*, 421 O. G. 857 (paper No. 5), and it was pointed out that the presence of novelty in the separate elements and the patentability of these are immaterial when it is not their patentability but that of their alleged combination which is in question, that in short, the fact that the elements are separately new and separately involve invention is no reason why they should be patented together in one claim as a single invention.

The Board of Appeals affirmed the decision of the Examiner, specifically discussed the application of the combined references to meet the claims, and held that the combination of references met all the claims rejected by the Examiner except four claims not involved here, which the Board allowed. The Board did not discuss the second ground of rejection.

In this case, there is no dispute about the facts. Appellant's alleged invention has been thoroughly described by the tribunals below and it is not contended that there is any misstatement by them concerning appellant's structure or as to what the references show. The Board held, in substance, that there would be no invention in providing coin-sorting mechanism in appellant's device in addition to the mechanism disclosed by Weser, in view of the disclosure in the patent to Burian. The appellant complains of the action of the Patent Office tribunals on the ground that they are in error in holding that no invention resulted from what the applicant has done in view of the Weser and Burian patents. He argues at great length that Weser's is the only patent in the direct art which is cited and that it has two coin chutes, one of which must be selected by the operator; and that the other patents are in nonanalogous art and do not show the combination of a coin sorter with means for determining (in accordance with the value of the coin) the period of operation of the mechanical reproducer which will automatically determine the period during which the reproducer will operate.

In order to understand the exact position of the Board, it should be pointed out that the Burian patent includes a coin sorter which pertains to a change-making mechanism and a fare register, and that the machine does not perform any service for the full value of the coin deposited (unless it be the exact amount of the fare), but returns sorted coins in the way of change and takes out a single fare. It is pointed out by appellant that if more fares are to be paid, additional coins must be dropped into the single chute. It is not disputed but that it was old in the art to energize mechanism (as appellant has done) which would perform a service in accordance with the value of a coin.

It seems to us that the only question on this ground of rejection is whether or not in view of Burian, which shows a single chute in which mechanism is actuated in accordance with the value of the coin, it would require invention to apply this idea to the Weser device or to other reference devices. We are constrained to disagree with the Patent Office tribunals on this ground of rejection and to hold that it did involve invention, and all of the appealed claims except one (No. 33), which will be referred to and more fully discussed later herein, should have been allowed.

As before stated, the Board contented itself with a discussion of the rejection of the Examiner based upon a combination of references and it did not discuss the second ground of rejection of the Examiner applying to claims 2, 6, 26, 27, and 31 to 33, here involved. Being in disagreement with the Board as to the first ground of rejection, we think, under the circumstances above recited, that we are required to consider the second ground of rejection of the Examiner. *In re Wagenhorst*, 20 C. C. P. A. (Patents) 991, 64 F.(2d) 78, 1933 C. D. 334, 433 O. G. 223.

As we interpret the second ground of rejection, it is a holding that Burian shows the particular combination called for by the claims.

We are of the opinion that claims 2, 6, 26, 27, 31, and 32 do not read on Burian, that the elements of the combination therein claimed are not disclosed in Burian, and that the rejection of these claims upon the Burian disclosure was erroneous.

We think claim 33 reads directly upon Burian and was properly rejected by the Examiner. The elements constituting the combination are described in such broad language as to cover the device disclosed by Burian. This claim does not include a reproducer as an element of the combination.

It will be noticed that in claim 2, above quoted, the combination involves a reproducer. The same is true as to claims 6 and 31. No reproducer is shown in Burian.

Claim 32 calls for a "common measuring device" as a part of the combination. While, in one sense, it might be said that Burian measures the amount of change which it delivers to the patron, we think the term "common measuring device," to say the least, inaptly applies to the Burian structure, and therefore hold that the ground of rejection was insufficient.

Claim 26 has as an element of the combination a "measuring mechanism" and we believe, for the reasons last before assigned, that the claim does not read on Burian.

Claim 27 calls for a "measuring service device." We are of the opinion that Burian does not show a *measuring* service device. It is true he shows a service device which gives change but it is a misapplication of terms to say that the service is measured.

It is clear that appellant's use of the term "measuring," in defining his structure, is not in the sense that would fitly describe the Burian structure. We think that the appellant, under the circumstances at bar, is entitled to the application of the rule of doubt which is so well understood as to require no discussion or citation of authority.

For the reasons stated, the decision of the Board of Appeals is reversed as to all the claims except claim 33 and as to that claim it is affirmed.

Modified.

U. S. Court of Customs and Patent Appeals

NOXON *v.* POTTS

No. 4,052. Decided February 7, 1938

FRANKLIN *v.* POTTS

No. 4,052. Decided February 7, 1938

[94 F.(2d) 388]

INTERFERENCE—RECORD ON APPEAL—EVIDENCE TAKEN IN ANOTHER INTERFERENCE.

Motion of appellants for an order permitting the use of the transcript of record in interference No. 68,621, appeal No. 3955, and the appeals consolidated therewith, to which appellants were not parties, *Denied* where such evidence had not been introduced into the record of the instant interferences by proceedings in accordance with rules 153 and 157, and had been considered only by the Board of Appeals.

Motion denied.

Mr. Eugene C. Brown for Noxon and Franklin.

Mr. Edgar W. Adams and *Mr. J. W. Schmied* for Potts.

HATFIELD, *J.:*

On December 2, 1937, counsel for appellants filed a motion for an order permitting the use of the transcript of record in consolidated appeals Nos. 3955, 3956, 3957, and 3958 (neither of appellants is a party in any of those appeals), on the hearing and in the consideration of the issues here involved.

It is alleged in the motion that Potts, the appellee in each of these interferences, had been involved in 11 separate interferences in the Patent Office; that in some of those interferences, including those in the instant appeals, motions to dissolve were filed on the ground that the disclosure in appellee's patent was inoperative; that the Commissioner of Patents granted motions made by the assignee of the patents in four of those interferences (not the assignee of the patents in the involved interferences) to take testimony relative to that issue; that the Commissioner also issued an order suspending all of the other interferences, including those in the instant appeals, in which the question of the operativeness of appellee's structure was involved; that the order of suspension was issued

"on the ground that said testimony when taken might apply to all of said interferences. This proved to be a correct supposition and *hence the appeals to the Board of Appeals in the instant cases were based upon the inoperativeness of the disclosure of the Potts patent and his reissue application as shown by said testimony.* Accordingly the *Board of Appeals considered said testimony as applying to the instant cases under the authority of the Commissioner's order and based their decisions thereon.* Moreover the Board stated that their previous decision in interference 68,621 [one of the interferences in which the testimony was submitted] is to be considered as a part of their decision in the instant cases";

and that the decision of the Board in interference No. 68,621 embodies the decision of the Examiner of Interferences and the decision of the Primary Examiner in that interference. [Italics ours.] The motion also contains the following statement:

It is evident from the above facts that the testimony taken in interference 68,621, together with the motions and decisions of the Primary Examiner, the Examiner of Interferences and the Board of Appeals have been interlinked with and made a part of the record of the instant cases.

Inasmuch, therefore, as almost the entire Transcript of Record filed in Patent Appeal Dockets 3955–6–7–8 applies equally to the instant cases it should be referred to and considered in the present appeals and it is so requested.

Among the reasons assigned by counsel for appellee in opposing the granting of appellants' motion appear the following: First, the appellants involved in appeals Nos. 3955–6–7–8 are represented by counsel not appearing in the instant appeals, and the patents involved in those appeals are assigned to a different assignee; second, the motions to dissolve filed in the instant appeals are not "commensurate in scope or subject-matter with the motions" filed in the interferences involved in appeals Nos. 3955–6–7–8; third, permission to take testimony was never requested and no evidence was ever submitted in the interferences involved in the instant appeals; and fifth, the interferences in the instant appeals were never consolidated with the interferences in appeals Nos. 3955–6–7–8, nor was the evidence introduced in those interferences ever made a part of the record in the interferences in the instant appeals.

It appears from the record that motions to dissolve the involved interferences on the ground that the disclosure in appellee's patent was inoperative were overruled by the Primary Examiner; that judgment on the record was entered against each of the appellants by the Examiner of Interferences; that appeals were taken by the appellants (Noxon, July 1, 1935, and Franklin, August 27, 1935) to the Board of Appeals long prior to the order of the Commissioner of Patents, referred to in appellants' motion, suspending proceedings in these and other interferences; and that, therefore, the appeals to the Board of Appeals in the involved interferences were not

"based upon the inoperativeness of the disclosure of the Potts patent and his reissue application *as shown by said testimony,*"

as alleged in appellants' motion. [Italics ours.]

The Commissioner's decision suspending the interferences here involved and three other interferences was rendered November 8, 1935. It appears therefrom that times had theretofore been set for the taking of testimony relative to the operativeness of the disclosure in the Potts reissue application in four interferences; that, although the Western Union Telegraph Company was not a party in any of those interferences, it filed a petition for suspension of the proceedings in certain other interferences in which it was interested as assignee of the patents there involved, including those in the instant appeals, "pending the determination of the question of the operativeness of the Potts disclosure" in the four interferences in which testimony was to be submitted.

In granting the petition, the Commissioner stated that the proceedings in such interferences

"should be suspended and the tribunals of the Patent Office before which these interferences are now pending are directed to suspend proceedings until September 1, 1936."

Thereafter, the proceedings in those interferences were again suspended by the Commissioner of Patents until November 1, 1936.

On February 9, 1937, counsel for appellants filed a paper in the Patent Office headed "Letter to Office in re: Resumption of Suspended Proceedings, February 9, 1937," wherein it was stated, among

other things, that the proceedings in the interferences here involved were suspended by the Commissioner of Patents for the purpose of considering "facts adduced by the testimony being taken upon the question of the operativeness of the Potts disclosure"; and that,

"in addition to the matters set forth in the appeals filed prior to said order of the Commissioner, the facts adduced by said testimony pertaining to the legal status of the Potts application for reissue will be presented at the hearing"

on July 20, 1937, the date of the hearing on the merits by the Board of Appeals.

On May 13, 1937, counsel for appellee Potts filed a written notice in the Patent Office that objection would be made to any oral or written argument concerning any question attempted to be raised in appellants' letter to the Office of February 9, 1937, founded upon evidence not duly submitted in these interferences, or consideration of any such question by the Board of Appeals, and further that objection would be made to the consideration by the Board of Appeals of any such evidence.

In its decision of July 31, 1937, awarding priority of invention to appellee, the Board of Appeals, after stating that appellants requested consideration of the evidence taken in interferences to which they were not parties and that appellee objected to the consideration of such evidence, stated that "under the special circumstances here" it believed it to be proper to consider the evidence taken in interference No. 68,621. The Board then stated that it would not be necessary to discuss that evidence because it had been fully analyzed in its decision in that interference, and said:

We refer to that decision and make it a part of our present decision as setting forth our reasons for holding that Potts' application discloses an operative system. The party Potts filed a carbon copy of that decision in interference No. 68,622 on July 20, 1937, paper No. 55. The testimony was fully analyzed in Potts' brief filed in the prior interference No. 68,621.

In interference No. 68,621, referred to in the decision of the Board of Appeals, appeal No. 3955 in this court, Frederick G. Creed and Reginald D. Salmon are appellants and Louis M. Potts is appellee.

Rule 122 of the rules of practice in the United States Patent Office provides, in substance, that motions to dissolve an interference shall be heard and determined by the Primary Examiner. Rule 130 provides that, when the Primary Examiner has denied a motion to dissolve an interference, the issues raised by such motion shall not be reinvestigated by the Examiner of Interferences, "except in view of evidence which was not before the Primary Examiner when the motion was considered, but" such issues "may be raised before the appellate tribunals on appeal from the award of priority."

Rule 153 relates to motions in contested cases, and provides, among other things, that

"Motions will be heard in the first instance by the officer or tribunal before whom the particular case may be pending."

It also provides that the practice in such cases "on points to which the rules are not applicable shall conform as nearly as possible to that of the United States courts in equity proceedings."

Rule 157 provides that—

Upon motion duly made and granted (see rule 153) testimony taken in an interference proceeding may be used in any other or subsequent interference proceeding, so far as relevant and material, subject, however, to the right of any contesting party to recall witnesses whose depositions have been taken, and to take other testimony in rebuttal of the depositions.

Rule 159 provides that evidence will not be considered which was not taken and filed in compliance "with these rules."

The only paper filed by appellants relative to the evidence taken in interference No. 68,621 was the one under date of February 9, 1937. It was stated therein, as hereinbefore noted, that the facts adduced by that evidence would be presented at the hearing on the merits of the instant interferences before the Board of Appeals. No motion was presented to have such evidence made a part of the record in the interferences involved in these appeals.

The provisions of rule 157, supra, seem to require the filing of a motion and a hearing thereon, if objections are made thereto, before testimony taken in one interference may be introduced in evidence in another such proceeding.

It is apparent from the decision of the Board of Appeals that the matter was not considered until the final hearing in these cases, and that that tribunal considered appellee's brief in interference No. 68,621 in which, the Board stated, the evidence was fully analyzed. The Board did not state that the motion to dissolve in interference No. 68,621 was of the same scope and related to the same subject matter (it is claimed here that it was not) as the motions to dissolve in the instant cases. It is apparent, however, from the Board's decision that no brief was filed by counsel for appellee on the final hearing in which the testimony submitted in interference No. 68,621 was analyzed and applied to the issues in the instant interferences.

In view of the fact that the counts in interference No. 68,621 defined different inventions from those defined by the counts in the instant interferences, it would seem, to say the least, that the question of the application of any or all of the testimony taken in that interference relative to the issues in the instant interferences should have been fully considered by the proper tribunal of the Patent Office on a motion duly filed in accordance with rule 153, supra.

The Board was apparently of the view that the Commissioner of Patents had ordered that the evidence in interference No. 68,621 should be considered by it in these interferences. However, it is clear from the Commissioner's decision that such is not the case. The Commissioner merely suspended the interferences pending the taking of the testimony in interference No. 68,621, and evidently contemplated that the parties in the suspended interferences would take such action relative to that testimony as they deemed proper, subject to the provisions of the rules of practice in the United States Patent Office.

We find nothing in rule 157, supra, nor in any other Patent Office rule, to indicate that, in cases of this character, the final appellate tribunal in the Patent Office should consider evidence not submitted either to the Primary Examiner or to the Examiner of Interferences. It would seem that due and orderly procedure would require the consideration of such testimony by one or the other of those tribunals so that the Board of Appeals might, in the exercise of its appellate jurisdiction, have the benefit of such previous consideration, and, we think, such procedure is clearly contemplated when all of the rules pertaining to interference proceedings in the Patent Office are considered.

In the case of *Olson* v. *Pospeshil*, 50 App. D. C. 182, 269 Fed. 698, 1921 C. D. 128, 283 O. G. 365, the Court of Appeals of the District of Columbia, in considering a question similar to the one here presented (the important difference being that in that case the notice was presented to the Examiner of Interferences) quoted the following portion of the notice given by counsel in that case:

Notice is given on the record by counsel for the party, Pospeshil, to counsel for Olson, that at the hearing the Examiner of Interferences and other tribunals considering this case, on appeal or otherwise, will be asked to take official cognizance of statements made by the various witnesses who have testified in this case, in connection with the testimony which they have given in that case.

and said:

* * * It will be observed that the notice does not contemplate the introduction of the earlier record or any parts of it. It fails to designate the portions the tribunals may be called upon to consider, and it does not even give notice of an intention to introduce the record or parts of it later on in the course of the trial.

The court then quoted rule 157 of the then existing rules of practice in the United States Patent Office, which was substantially the same as present rule 157, and stated that—

Rule 153 [which was substantially the same as present rule 153] relates to notice of motions and affidavits filed in the course of contested cases, with proof of service, and for hearing of such motions by the tribunals in which the motion is made. *Rule 157 provides the only manner in which a record in another case may be used, namely, by filing a motion in the proper tribunal, with proof of service, as required by rule 153. It then provides that, when the motion has been allowed and a former record, or portions thereof, are introduced, the contesting party may call witnesses to rebut it.*

It warrants no such practice as was indulged in this case. The present notice is not in the form of a motion duly served and allowed, as by rule required * * *. The Commissioner, without giving Olson a hearing or an opportunity to be heard, on his own motion, after the appeal had been submitted, reached into the earlier record and extracted therefrom an answer to a question here and an answer there, and used them to raise a presumption which has no support whatever in the present record.

The elementary rules of practice should be observed as strictly in the trial of causes in the Patent Office as in the courts, and no principle of law is better established than that a litigant cannot be deprived of his rights without notice or an opportunity to be heard. The protection of neither was accorded Olson in respect of the testimony gleaned by the Commissioner from the earlier record and used to accomplish his defeat. [Italics ours.]

The decision in that case has direct application to the issues presented here. See also *Hewitt* v. *Weintraub*, 1908 C. D. 140, 134 O. G. 1561; *Erickson* v. *Dunbar* v. *Dunham*, 1926 C. D. 98, 353 O. G. 3; 22 C. J. pp. 427 to 443, inclusive, §§ 510 to 534, inclusive.

In view of the fact that the evidence in interference No. 68,621, appeal No. 3955 and the appeals consolidated therewith, is not a proper part of the consolidated record in the instant appeals, it will not be considered in our determination of the issues presented by these appeals, nor will that part of the Board's decision which is based thereon be considered.

The motion is denied.

Denied.

U. S. Court of Customs and Patent Appeals

MISHAWAKA RUBBER & WOOLEN MANUFACTURING COMPANY
v.
BRADSTONE RUBBER COMPANY

No. 3,989. Decided February 7, 1938

[94 F.(2d) 385]

TRADE-MARKS—OPPOSITION—APPLICATION ABANDONED BEFORE NOTICE OF OPPOSITION FILED.

"We are satisfied that, in order to constitute an opposition proceeding, there must be an existing application at the time that the notice of opposition is filed. Otherwise, there can be no issue formed and nothing upon which the Patent Office tribunals are authorized to proceed." Where notice of opposition was filed after the application was abandoned, *Held* proper to vacate decision sustaining opposition and to order notice of opposition stricken from the record.

APPEAL from the Patent Office. Affirmed.

Mr. Eugene M. Giles, Mr. E. W. Shepard, and *Mr. T. A. Hostetler* for Mishawaka Rubber and Woolen Manufacturing Company.

Mr. Robert E. Barry, Mr. A. A. Cyr, and *Mr. Thomas L. Mead, Jr.,* for Bradstone Rubber Company.

LENROOT, *J.:*

This is an appeal from a decision of the Commissioner of Patents, vacating a decision of the Examiner of Interferences which sustained an opposition of appellant to the registration of a trade-mark by appellee, and adjudged that appellee was not entitled to the registration of the mark, application for which was filed by it on April 4, 1935. The decision of the Commissioner also ordered that appellant's notice of opposition be stricken from the record.

It appears that, after certain amendments of appellee's application had been entered, its attorneys requested that the case should be passed to final publication, and on September 24, 1935, the mark was published in the Official Gazette.

On October 22, 1935, there was filed with the Commissioner of Patents the following letter:

Hon. Commissioner of Patents.
Sir:
The undersigned hereby abandons the above trade-mark application without prejudice.
Bradstone Rubber Company,
By I. V. Stone,
President.

October 21st, 1935.

On October 23, 1935, appellant filed a notice of opposition to the registration of the mark applied for by appellee, alleging, among other things, confusing similarity of appellee's mark with a registered mark owned by appellant, applied to goods possessing the same descriptive properties as the goods to which appellee applied its mark.

On November 21, 1935, the Examiner of Interferences wrote appellee's attorneys advising them

that the proposed abandonment of its application, filed October 22, 1935, would not be considered, and further requiring appellee to answer appellant's notice of opposition by December 21, 1935. In said letter the Examiner stated:

> The proposed abandonment filed October 22, 1935, of the application involved herein, is noted by the Examiner. In the absence of the written consent of the opposer no further consideration can be given thereto in view of the ruling in the case of—*James G. Gill Company Inc.* v. *Standard Brands Incorporated*, 159 Ms. D. 243.

On December 12, 1935, the parties hereto entered into a stipulation, subject to the approval of the Commissioner, that certain testimony to be taken might be used in the opposition here involved and also in another opposition involving the same parties.

On December 17, 1935, the Examiner postponed consideration of said stipulation pending the filing of an answer by appellee to said notice of opposition, or waiver of its right so to file.

On January 24, 1936, the Examiner of Interferences wrote the following letter:

> The record fails to show that the answer called for in office letter dated November 21, 1935, has been filed. Accordingly, under the provisions of equity rule 16, the notice of opposition is hereby taken pro confesso. The question of the entry of a final decree within the meaning of equity rule 17 will be considered later.

On February 28, 1936, the Examiner of Interferences entered a final decree pro confesso, sustaining appellant's notice of opposition and adjudging that appellee is not entitled to the registration of the mark for which it had made application.

On February 11, 1937, appellee petitioned the Commissioner to review the record in the case and exercise his supervisory authority thereover, alleging in effect that the Examiner of Interferences was without jurisdiction to enter said decree pro confesso, inasmuch as appellee had abandoned its application before the notice of opposition was filed.

On April 16, 1937, the Commissioner rendered his decision hereinbefore noted, and from such decision appellant took this appeal.

On October 12, 1937, appellee filed a motion in this court to dismiss this appeal upon the ground that the appeal does not state any matter properly appealable to this court, but merely presents a moot question. Decision upon said motion was reserved by us, to be considered upon the argument of the case upon its merits.

This motion is denied for the reason that we do not consider the question before us as moot. If appellant should here prevail, the decision of the Examiner will constitute a final determination that appellee has not the right to register its mark; while, if the Commissioner's decision is affirmed, there will have been no such determination.

Under appellant's reasons for appeal no issue is raised with respect to the right of the Commissioner, in the exercise of his supervisory powers, to consider appellee's petition under date of February 11, 1937, and upon oral argument appellant's counsel expressly waived any contention that appellee, not having appealed from said decree pro confesso, was bound thereby.

As hereinbefore set forth, the Examiner of Interferences, in refusing to consider appellee's abandonment of October 22, 1935, relied upon the case of *James G. Gill Company Inc.* v. *Standard Brands Incorporated*, 159 Ms. D. 243. In his decision in the case at bar the Commissioner stated:

> I do not think the Standard Brands case is applicable. There the applicant had attempted to withdraw its application after the opposition had been instituted, and for reasons fully stated by the Commissioner in his decision it was held that such withdrawal should not be permitted without the consent of the opposer. The situation presented in the instant case is entirely different. Applicant abandoned its application before any notice of opposition had been filed, so that when the notice was received in the Patent Office there was no longer a pending application to be opposed. The opposer should have been so advised, and the notice of opposition should have been returned unfiled.
>
> It is my opinion that the proceeding was void from its inception, and that the Examiner of Interferences was therefore without jurisdiction to render the decision here complained of. Accordingly the said decision is vacated, and the notice of opposition is ordered stricken from the record.

Rule 65 of the Rules of the Patent Office relating to the registration of trade-marks reads, insofar as is here pertinent, as follows:

> 65. An abandoned trade-mark application is one * * * which the applicant has expressly abandoned by filing in the office a written declaration of abandonment, signed by himself and assignee, if any, identifying his application by serial number and date of filing.

Section 26 of the Trade-Mark Act of February 20, 1905, reads as follows:

> Sec. 26. That the Commissioner of Patents is authorized to make rules and regulations, not inconsistent with law, for the conduct of proceedings in reference to the registration of trade-marks provided for by this act.

In our opinion, rule 65, as above quoted, is not inconsistent with any provision of the statutes relative to the registration of trade-marks, and indeed appellant does not challenge the validity of the rule.

Therefore, so far as the record discloses, at the time appellant's notice of opposition was filed, October 23, 1935, there was not pending in the Patent Office any application of the appellee for the registration of its mark, and there was nothing for appellant to oppose. Surely, appellant could not claim to be damaged by the registration of appellee's mark when appellee was not seeking to register it. All of the cases cited by appellant relate to oppositions filed before abandonment of an application by an applicant, and we agree with the Commissioner that where a notice of opposition is filed against an existing application, a very different situation as to the rights of the parties exists from one where there is no application pending when a notice of opposition is filed.

Appellee cites a case directly in point with the one at bar, viz., the case of *Ex parte Rockwood Chemical Company*, 117 Ms. D. 295. The decision in that case reads as follows:

> This is a petition requesting that the Examiner of Trade-Marks be advised that his action of June 30, 1915, setting aside a letter of June 16, 1915, was improper, that applicant's abandonment of this application filed June 10, 1915 should remain in force.
>
> Since the withdrawal of this application by abandonment there have been three notices of opposition received, but since the application was abandoned June 10, 1915, and the first received notice of opposition was filed June 23, 1915, there was nothing to oppose, and it was therefore improper to have instituted opposition proceedings.
>
> The Examiner of Interferences is therefore directed to dismiss the opposition on this ground allowing an appeal if the opposer shall so elect, and the Examiner of Trade-Marks is directed to hold the application of Rockwood Chemical Company abandoned as of June 10, 1915.
>
> /s/ J. T. Newton,
> *Acting Commissioner.*

July 15, 1915.

With respect to the case of *Gill Co., Inc.*, v. *Standard Brands, Inc.*, supra, in which case a notice of abandonment was filed after a notice of opposition had been filed, we would observe that the Commissioner, in holding that in such case the opposition should proceed to judgment, overruled a number of previous decisions of the Patent Office.

We are not here called upon to determine whether the *Gill Co., Inc.*, v. *Standard Brands, Inc.*, case was properly decided, but it is significant that the case of *Ex parte Rockwood Chemical Company*, supra, was not cited.

Appellant cites the case of *Lincoln Motor Co.* v. *Lincoln Mfg. Co.*, 58 App. D. C. 191, 374 O. G. 251. In that case, after an appeal had been taken to the court, an agreement was entered into between the parties whereby the applicant discontinued and abandoned the use of the mark. Nevertheless the court proceeded to decide the case upon the record certified by the Patent Office. Obviously the court, in so doing, merely performed its statutory duty, and that decision has no application to the case at bar.

We are satisfied that, in order to constitute an opposition proceeding, there must be an existing application at the time that the notice of opposition is filed. Otherwise, there can be no issue formed and nothing upon which the Patent Office tribunals are authorized to proceed.

At the time appellant's notice of opposition was filed there was nothing pending in the Patent Office upon which opposition could be based, and therefore the Examiner of Interferences was without jurisdiction in the premises.

We attach no importance to the stipulation signed by appellee's counsel, hereinbefore referred to. It never became effective, so far as the record discloses, and in any event it did not revive appellee's abandoned application.

We observe that counsel for both parties have failed to comply with paragraph 3 (*e*) of Rule XXVII of our rules, requiring all briefs in excess of fifteen pages to be indexed. While the excess of pages in the briefs before us is not great, such briefs fall within the rule.

Finding no error therein, the decision of the Commissioner is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,272,353. (See 1,863,438.)

1,379,008, A. B. Frenier, Temperature producing mechanism and controlling means therefor; Re. 17,405, L. L. Scott, Oil burning heating system; 1,602,175, same, Electric control system for fuel oil burners; 1,579,497, L. I. Aldrich, Safety control mechanism for electrically controlled fuel burning devices, D. C., E. D. N. Y., Doc. E 8240, *Minneapolis-Honeywell Regulator Co. et al.* v. *Thermoco, Inc.* Decree for plaintiff June 1, 1938.

1,389,067 (*a*), M. D. Nielson, Undergarment for women; Re. 17,903 (of 1,680,267), same, Process of making undergarments of inelastic material; T. M. 158,867, Winget Mfg. Co., Bloomers, children's coveralls, and sleeping garments, C. C. A., 8th Cir. (St. Louis), Doc. 10818, *S. S. Kresge Co. et al.* v. *Winget Kickernick Co. et al.* "Appeal from district court remanded with instructions to set aside decree" May 16, 1938. Doc. 10819, *J. C. Penney Co., Inc., et al.* v. *Winget Kickernick Co. et al.* Decree as above. Doc. 10820, *La Mode Garment Co.* v. *Winget Kickernick Co. et al.* Decree affirmed May 16, 1938.

1,389,067 (*b*), M. D. Nielson, Undergarment for women; Re. 17,903 (of 1,680,267), same, Process of making undergarments of inelastic material; 1,487,971, same, Undergarment of the bloomer type, D. C. Minn. (Minneapolis), Doc. E 2957, *Winget Kickernick Co. et al.* v. *M. L. Rothschild & Co.* Dismissed without prejudice May 26, 1938.

1,403,475, H. D. Arnold, Vacuum tube circuit; 1,403,932, R. H. Wilson, Electron discharge device; 1,507,016, L. de Forest, Radiosignaling system; 1,507,017, same, Wireless telegraph and telephone system; 1,811,095, H. J. Round, Thermionic amplifier and detector; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation, D. C., N. D. Calif. (San Francisco), Doc. E 4079–S, *R. C. A. et al.* v. *L. D. Stark (Federal Radio & Television Co.)*. Patents held valid and infringed, injunction May 16, 1938.

1,403,932. (See 1,403,475.)

1,426,121, G. A. Steiner, Roller towel cabinet; Re. 17,352, Steiner & Olson, Towel cabinet; 1,756,822, E. T. Hails, Sanitary roll towel cabinet; 1,959,938, T. B. Tyler, Roller towel control mechanism, C. C. A., 10th Cir. (Denver), Doc. 1621, *Steiner Sales Co.* v. *Schwartz Sales Co.* Decree reversed May 31, 1938.

1,487,971. (See 1,389,067 (*b*).)

1,488,850, Orman & Backus, Wire or rod forming machine; 1,550,824, H. Kuester, Wire working machine; 1,679,204, Coney & Garllus, same; 1,695,603, F. Magidson, Machine for manufacturing wire garment hangers; 1,735,580, same, Wire working machine; 2,035,658, A. J. Lewis, same, filed Dec. 1, 1937, D. C., N. D. W. Va. (Wheeling), Doc. E 1028, *Star Service Hanger Co.* v. *Tri-State Hanger Co.*

1,491,789, C. W. Cowles, Electrical connection; 1,976,769, S. W. Borden, Electrical connecting device for electrical conductors, D. C., S. D. N. Y., Doc. E 84/115, *S. W. Borden* v. *L. B. Levine et al.* Consent decree for plaintiff (notice May 31, 1938).

1,506,016. (See 1,403,475.) 1,507,017. (See 1,403,475.)

1,536,044, J. W. Swan, Method and means to facilitate the distribution of fuel in internal combustion engines; 1,636,721, same, Manifold, appeal filed May 17, 1938, C. C. A., 4th Cir., Doc. 4348, *The Swan Carburetor Co.* v. *The Nash Motors Co.*

1,543,599, W. W. Donnelly, Filler for clamped ends of belts; 2,059,401, A. B. Ryan, Belt clamp filler, filed May 18, 1938, D. C., N. D. Okla. (Tulsa), Doc. E 1289, *Federal Machine & Supply Co. et al.* v. *Bradford Motor Works, Inc.*

1,549,177. (See 1,573,497.) 1,550,824. (See 1,488,850.)

1,573,374, P. A. Chamberlain, Radio condenser; 1,795,214, 1,707,617, E. W. Kellogg, Sound reproducing apparatus; 1,894,197, Rice & Kellogg, same; 1,728,879, same, Amplifying system, D. C., N. D. Calif. (San Francisco), Doc. E 4078–R, *R. C. A. et al.* v. *L. D. Stark (Federal Radio & Television Co.)*. Patents held valid and infringed, injunction May 16, 1938.

1,573,497, E. J. Kroeger, Method and apparatus for making hollow articles; 1,549,177, J. F. Allen, Rubber molding apparatus; 1,731,891, D. H. Felch, Hydraulic press, filed May 20, 1938, D. C., N. D. Ohio, E. Div., Doc. 5729, *Continental Rubber Works* v. *American Hard Rubber Co.*

1,579,497. (See 1,379,008.) 1,602,175. (See 1,379,008.)

1,636,721. (See 1,536,044.)

1,662,712, 1,949,970, C. F. Mensing, Golf club, D. C., S. D. N. Y., Doc. E 80/183, *Limbershaft Golf Club Co. et al.* v. *A. G. Spalding & Bros.* Dismissed without prejudice (notice May 27, 1938).

1,679,204. (See 1,488,850.)

1,680,267. (See 1,389,067 (*a*) and (*b*).)

1,695,603. (See 1,488,850.) 1,707,617. (See 1,573,374.)

1,716,812, H. V. Ball, Roll changer; 1,959,445, G. Salzer, Tension for paper rolls; 2,045,059, J. R. Tomlin, Web supply mechanism for printing machines; 2,063,098, A. J. Horton, Web supply mechanism; 2,071,440, Tomlin & Lundquist, same, filed May 25, 1938, D. C., S. D. N. Y., Doc. E 87/81, *R. Hoe & Co., Inc.*, v. *Wood Newspaper Machinery Corp.*

1,728,879. (See 1,573,374.) 1,731,891. (See 1,573,497.)

1,735,580. (See 1,488,850.)

1,742,830, Seaman & Braf, Piping and method of forming same; 1,756,036, same, Sewing machine, D. C., S. D. N. Y., Doc. E 59/317, *C. Seaman* v. *Garment Attachment Corp.* Decree for plaintiff (notice May 18, 1938).

1,756,036. (See 1,742,830.) 1,756,822. (See 1,426,121.)

1,769,858, C. L. Roberts, Marine derrick footing; 1,811,761, same, Sub-marine oil well derrick; 1,867,030, same, Marine oil well derrick, D. C., S. D. Calif. (Los Angeles), Doc. E 754–Y, *C. L. Roberts* v. *General Petroleum Corp. of Calif.* Dismissed pursuant to stipulation with prejudice May 17, 1938.

1,771,829, C. L. Wagner, Apparatus for the recovery of chemical and heat from waste liquors; 2,050,400, same, Method for recovery of heat and chemicals from waste products, filed May 17, 1938, D. C. Del., Doc. E 1266, *The Babcock & Wilcox Co.* v. *North Carolina Pulp Co.*

1,773,079, C. Birdseye, Method of preparing food products; 1,773,081, same, Refrigerating apparatus; 1,822,121, J. J. Barry, same; 1,822,123, Birdseye & Hall, same, filed May 17, 1938, D. C. Del., Doc. E 1267, *Booth Fisheries Corp.* v. *General Foods Corp. et al.*

1,773,081. (See 1,773,079.) 1,795,214. (See 1,573,374.)

1,795,937, F. F. Dorsey, Ignition circuit controller; Re. 19,083 (of 1,851,568), C. H. Davis, Jr., Circuit breaker lever, D. C., S. D. N. Y., Doc. E 78/373, *General Motors Corp.* v. *National Ignition Sales Co., Inc.* Dismissed for lack of prosecution May 20, 1938.

1,811,095. (See 1,403,475.) 1,811,761. (See 1,769,858.)

1,822,121. (See 1,773,079.) 1,822,123. (See 1,773,079.)

1,845,697, E. K. Baker, Tie rod construction; Re. 19,482, same, Tie rod end connection, filed May 18, 1938, D. C., E. D. Mich. (Detroit), Doc. 8403, *E. K. Baker* v. *Economy Automotive Supply Co.*

1,851,568. (See 1,795,937.)

1,863,438, W. Daspit, Toy machine gun; 1,272,353, M. Pappell, Automatic toy pistol, D. C., S. D. N. Y., Doc. E 78/237, *C. F. Cookson* v. *L. Marx & Co. et al.* Claims 1, 2, 4, and 8 of 1,272,353 held valid and infringed; claims 1, 2, 3, and 4 of 1,863,438 held invalid (notice May 20, 1938).

1,866,966, R. Connor et al., Posting stand; 1,872,248, same, Loose-leaf binder, filed May 26, 1938, D. C., S. D. N. Y., Doc. E 87/89, *The McBee Co.* v. *The Federbush Co., Inc.*

1,867,030. (See 1,769,858.) 1,872,248. (See 1,866,966.)

1,894,197. (See 1,573,374.)

1,896,143, H. E. Norviel, Coil-switch unit; 1,956,334, L. O. Parker, Coil construction, D. C., S. D. N. Y., Doc. E 78/178, *General Motors Corp.* v. *National Ignition Sales Co., Inc.* Dismissed for lack of prosecution May 20, 1938.

1,938,092, 2,002,844, Amy & Aceves, Radio receiving system; Re. 19,854, same, Duplex radio aerial system, filed May 27, 1938, D. C., S. D. N. Y., Doc. E 87/113, *Amy, Aceves & King, Inc.*, v. *Birnbach Radio Co., Inc.*

1,949,970. (See 1,662,712.) 1,956,334. (See 1,896,143.)

1,959,445. (See 1,716,812.) 1,959,938. (See 1,426,121.)

1,976,769. (See 1,491,789.) 2,002,844. (See 1,938,092.)

2,035,658. (See 1,488,850.) 2,045,059. (See 1,716,812.)

2,050,400. (See 1,771,829.) 2,059,401. (See 1,543,599.)

2,063,098. (See 1,716,812.) 2,071,440. (See 1,716,812.)

Re. 17,352. (See 1,426,121.)

Re. 17,405. (See 1,379,008.)

Re. 17,903. (See 1,389,067 (*a*) and (*b*).)

Re. 18,579. (See 1,403,475.)

Re. 19,083. (See 1,795,937.)

Re. 19,482. (See 1,845,697.)

Re. 19,854. (See 1,938,092.)

T. M. 158,867. (See 1,389,067 (*a*).)

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,079,084, Jacob Neufeld, Electric valve converting apparatus, decided June 29, 1938, claims 1 and 4.

Pat. 2,081,822, Fordyce Kimbell, Annunciator for horse races, decided June 8, 1938, claim 3.

Pat. 2,105,132, J. D. Soehner and H. S. Holmes, Torque arms and similar structural members, decided June 30, 1938, claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13.

Erratum

Reissue Pat. 18,632, G. W. Stedwell. The notice in Official Gazette of May 31, 1938, of adverse decisions was erroneous and should read, claims 3, 4, 6, and 7.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING JUNE, 1938

CHOCOLATE PRODUCTS COMPANY *v.* BESTOV PRODUCTS, INC., Opposition No. 16,207.

In a decision rendered June 3, 1938 (163 Ms. Dec. 53), *Assistant Commissioner Frazer* held that Bestov Products, Inc., of New York, N. Y., is entitled to register the word "Kresto" displayed beneath a caricature of a child's face, notwithstanding the prior registration by Chocolate Products Company, of Chicago, Ill., of the term "Kayo" in association with a label-like design and the representation of the head and shoulders of the Kayo of comic strip fame, with his name printed across the crown of his derby, as a trade-mark for goods of the same descriptive properties as applicant's.

The ground of the decision is that the marks are not confusingly similar.

In his decision the Assistant Commissioner said:

"I am unable to agree with the Examiner of Interferences that applicant's mark is reasonably likely to be confused with either of these marks of opposer. The design features are entirely dissimilar. As to the words 'Kayo' and 'Kresto', they neither look alike nor sound alike; they do not suggest the same meaning; one contains four letters and the other six, the only ones in common being the initial 'K' and the terminal 'o'; and applicant's style of printing and display differs widely from that adopted in any of opposer's registrations."

INDUSTRIAL RAYON CORPORATION *v.* AMERICAN ENKA CORPORATION, Opposition No. 15,206.

In a decision rendered June 10, 1938 (163 Ms. Dec. 54), *First Assistant Commissioner Macklin* held that the notice of opposition brought by Industrial Rayon Corporation, of Cleveland, Ohio, to the registration by American Enka Corporation, of Enka, N. C., of the notation "Ringless Yarn" (the word "yarn" being disclaimed), as a trade-mark for rayon yarns, was properly dismissed on the ground of insufficiency, but that the term "Ringless" was not registrable as a trade-mark for the goods stated because it is merely descriptive thereof.

In his decision, after referring to a patent and abstracts from trade journals with reference to the use of the word "ringless" as applied to hosiery, the First Assistant Commissioner said:

"I find, as did the Examiner, that in the hosiery trade it clearly appears that the notation 'ringless' is used to denote a fabric which is free from horizontal rings, bands, or streaks, the presence of which, in the fabric, adversely affects the character of the product and lessens its purchasing appeal, also that this difficulty may be remedied either by a choice of material having such characteristics of thread of uniform thickness as that of rayon thread or yarn, or by a method such as disclosed in the Kaufman patent, No. 1,969,307."

Then, after referring to the contentions of the respective parties and referring to such decisions as *Chrysler Corporation* v. *Trott*, 23 C. C. P. A. 1098, 83 Fed.(2d) 302, 29 U. S. P. Q. 363, where the words "Floating Power" were held not to describe the mountings for an engine, he said:

"I am convinced that the yarn of even thickness is widely recognized by the users of it in the making of hosiery to result in hosiery without rings or shadows and that the word 'ringless' is an apt term for hosiery or other fabric produced thereby. In the case of *Ex parte The Pennzoil Company*, 36 U. S. P. Q. 109, 486 O. G. 687, 159, Ms. D. 1056, in which the registration of the words 'Tough-Film' was sought as a trade-mark for lubricating oils, it was held that these words applied to a motor oil are clearly descriptive within the meaning of the statute and that 'descriptiveness may apply to use or results, as well as to the particular nature of the goods themselves.'"

With respect to the notice of opposition, after noting that the Examiner of Trade-Mark Interferences had held that the notice of opposition did not contain any allegation of use by the opposer of the notation "ringless" to obtain therefrom the function of descriptiveness, he said:

"It seems to me that the opposition could have stated better ground for its injury. The opposer, having set forth that it was a manufacturer of artificial threads and yarns, did not even go so far as to say that its manufacturers or customers used the word 'ringless' although the evidence shows that 'ringless' had been used descriptively in advertising and presumably by customers of the opposer. The opposition does state that opposer believes it will be damaged by the registration of the descriptive word 'ringless.' However, I do not find sufficient ground to reverse the Examiner's finding."

EX PARTE HUDSON'S BAY COMPANY, Serial No. 397,192.

In a decision rendered June 11, 1938 (163 Ms. Dec. 59), *Assistant Commissioner Frazer*, after stating that he had granted a rehearing of the appeal on which it had been held that the applicant was not entitled to register the words "Royal Charter" as a trade-mark for whisky in view of the registration of the term "Old Charter" for the same goods prior to applicant's use, said:

"The contention is made that because of its great antiquity, and the fact that it has been operating under its 'royal charter' for some three hundred years, these words have become synonymous with applicant's name; and it is stated in the brief 'that any grievance as to priority between the two parties is just the reverse to that which ordinarily obtains, i. e., "Old Charter" has encroached upon the field of "Royal Charter", and not vice versa.' Be that as it may, the fact remains that 'Old Charter' was registered in the Patent Office as a trade-mark for whisky four months before applicant's earliest use of 'Royal Charter' as a trade-mark for similar merchandise. Registration is controlled by the statute, and in this proceeding the only question that may properly be considered is whether applicant's mark so nearly resembles the registered mark as to be likely to confuse the public or to deceive purchasers."

WALTER KIDDE SALES COMPANY *v.* SPARKLETS CORPORATION, Opposition No. 16,190.

In a decision rendered June 11, 1938 (163 Ms. Dec. 57), *Assistant Commissioner Frazer* held that

the opposition by Walter Kidde Sales Company, of Bloomfield, N. J., to the registration by Sparklets Corporation, of New York, N. Y., of a trade-mark for bulbs or capsules for containing compressed or liquefied gas, described as consisting of a groove or depressed band located about midway of the length of the bulb, but slightly nearer to its neck than to its round base, should be dismissed, but that the alleged mark is not registrable.

In his decision he said:

"I think the opposition should have been dismissed. No testimony was taken, and the facts stated in the notice are clearly insufficient to support a judgment in opposer's favor. It is there alleged that the mark has no trade-mark significance, that it is 'an inherent structural feature' of applicant's goods, that it has a 'mechanical function,' and that it is descriptive; but it is not alleged that opposer has used or intends to use any similar mark, nor do any other facts appear from which it may properly be presumed that opposer would be damaged by the registration which applicant seeks."

With reference to the descriptiveness of the mark, after describing the same and referring to a patent to Campbell, No. 2,066,517, in which a groove such as here sought to be registered as a trade-mark is illustrated and described, and noting that it had been held by the courts that the configuration of an article having utility is not the subject of trade-mark protection, and noting applicant's argument that the Examiner of Interferences had no right to consider the patent because it was not properly a part of the record before it, no evidence having been filed by either party, he said:

"That the registrability of an applicant's mark may be determined ex parte in an opposition proceeding has been so frequently held by the Court of Customs and Patent Appeals as to be no longer open to argument. [Citing decisions.]

* * * * * * *

"It necessarily follows that the Examiner of Interferences is at liberty to reject an opposed application on any ground that would have supported a similar action by the Examiner of Trade-Marks in the ex parte prosecution of the application, and that his investigation in that regard is not limited to matters of record in the opposition proceeding. To hold otherwise would be to ignore a mandatory requirement of the statute as construed by the court."

And then he further said:

"Quite apart from the actual mechanical utility of the groove in applicant's bulb, I think its registration as a trade-mark would be unwarranted for the reason that it lacks trade-mark significance. To paraphrase the language of the court in the case of *In re National Stone-Tile Corporation*, 19 C. C. P. A. 1101, 57 F.(2d) 382, I do not think the purchasing public would look upon the groove as indicating origin of the bulb, but rather would be likely to conclude that the groove was formed as a convenient process of manufacture, or to serve a useful function."

ALBERT P. DE SANNO, JR. (JOINED WITH A. P. DE SANNO & SON, INC.) *v.* JOSEPH A. LIEB (THE STAR DENTAL MANUFACTURING CO., INC., ASSIGNEE, SUBSTITUTED), Cancellation No. 2939.

In a decision rendered June 21, 1938 (163 Ms. Dec. 61), *Assistant Commissioner Frazer* held that a petition filed by Albert P. de Sanno, Jr., with whom was later joined A. P. de Sanno & Son, Inc., of Philadelphia, Pa., for the cancellation of a trade-mark registration of Joseph A. Lieb, (assigned to The Star Dental Manufacturing Co., Inc.), of Philadelphia, Pa., was properly dismissed.

With reference to the joining of A. P. de Sanno & Son, Inc., as a party to the cancellation proceedings, the Assistant Commissioner, after noting that this was done upon attorney's motion, which was a mere statement that A. P. de Sanno, Jr., owned most of the stock in A. P. de Sanno & Son, Inc., and the latter was therefore a proper party, and the Examiner of Interferences granted the motion on the ground that the corporation was considered to be the real party in interest within the meaning of Equity Rule 37, said:

"Whether A. P. de Sanno & Son, Inc., thereby became a party to the proceeding is debatable to say the least. It had not sought to be made a party, and aside from the fact that de Sanno's attorney has gratuitously appeared also as attorney for the corporation there is nothing in the record to indicate its acceptance of the permission granted by the Examiner 'to join with the petitioner.' If it be considered a party I think there is an obvious misjoinder, but in the view I take of the case that point need not be determined.

"As already noted, the petition alleges that Albert P. de Sanno, Jr., is the owner of the trade-mark in question, and that he has used it continuously since 1920. There is no averment that A. P. de Sanno & Son, Inc., has ever used the mark, or that it has any interest therein, or that it is or will be injured by the registration sought to be canceled. In other words, regardless of what may be established by the evidence, the facts set forth in the petition are manifestly insufficient to support a judgment in favor of the corporation. It appears, however, from the testimony of his own witness Haddock, that some two years before the commencement of this cancelation proceeding the petitioner de Sanno transferred to A. P. de Sanno & Son, Inc., any rights he may theretofore have possessed in the trade-mark; so that upon the record he is in no better position than is the corporation."

He then further said:

"Because no facts are pleaded entitling A. P. de Sanno & Son, Inc., to relief, and the evidence submitted in his behalf conclusively negatives the alleged rights of Albert P. de Sanno, Jr., the petition for cancellation should have been dismissed without regard to the validity of the Lieb registration."

Then with reference to the refusal of the Examiner of Interferences to consider certain testimony offered in rebuttal, the Assistant Commissioner said:

"I have carefully read this testimony, and while I think the Examiner was warranted in disregarding it I am also of the opinion that its consideration could not have altered his decision."

"Mr. de Sanno testified that he first used the trade-mark in issue 'in March or April, 1921.' Lieb testified that his first use of the mark occurred 'the early part of 1920.' As I find nothing in the record to convince me that Lieb's testimony in that regard is untrue, his right to register the mark as against de Sanno was absolute unless he lost that right through certain transactions with de Sanno's father prior to his application for registration."

Then with reference to certain transactions between de Sanno, Sr., and Lieb, he said:

"In April, 1921, de Sanno, Sr., purchased Lieb's business in connection with which the trade-mark in issue was used, and employed Lieb as manager. In March, 1925, Lieb bought the business back, and thereafter continued to operate it as his own until after he was granted the registration here sought to be canceled. Lieb now insists that title never passed to de Sanno, Sr., because the purchase agreement was not fully performed. The point is material only as it affects Lieb's continuous ownership of the trade-mark, and is of no importance in the present proceeding. Assuming that de Sanno, Sr., owned the mark while in possession under the contract, such ownership necessarily revested in Lieb when he regained title to the business."

EX PARTE THE TOWER COMPANY, Serial No. 367,878.

In a decision rendered June 22, 1938 (163 Ms. Dec. 63), *Assistant Commissioner VanArsdale* held that The Tower Company, of Seattle, Wash., is not entitled to register, under the act of 1905, as a trade-mark for surgical splints, the notation "Well Leg."

The ground of the decision is that the mark is descriptive of the goods.

In his decision the Assistant Commissioner, after stating that it appeared from the labels filed with the application that the splint consists of a pair of members, one attached to the "well leg" and the other to the injured leg, said:

"Because the splints to which the trade-mark is applied are of the well known type characterized by having a part intended to be applied to the well leg of the patient, it is my opinion that the words 'Well Leg', when applied to splints of this character, are merely descriptive of the goods and of the character of the goods. The trade-mark consists of nothing but the two words 'Well Leg'. It would seem that the mark might be considered also merely descriptive of the quality of the goods in that the function of the device is to render an injured leg well. *In re Anti-Cori-Zine Chemical Company*, 34 App. D. C. 191; 1910 C. D. 291; 151 O. G. 452."

Then, after noting that appellant had referred to the fact that the record did not show that the precise term "Well Leg" had ever been applied to splints of this type, he said:

"This seems to me to be not controlling. In my opinion the mark has always been descriptive of the goods, irrespective of whether ever before applied thereto or not. If the word is descriptive to those skilled in the art, it is descriptive within the prohibition of the statute and is not registrable."

EX PARTE OTTO E. KRAUS, doing business as Pal Blade Company, Serial No. 368,698.

In a decision rendered June 29, 1938 (163 Ms. Dec. 66), *Assistant Commissioner VanArsdale* held that Otto E. Kraus, of Chicago, Ill., is not entitled to register, under the act of 1920, as a trade-mark for razor blades, the word "Penny."

In his decision he noted that the specimen containers filed by applicant carried the words "Double Edged Penny Blue Steel Blades Five for a Nickel" and that the Examiner refused registration because the word "penny" merely is a price indication.

Then, after noting applicant's reference to other registrations alleged to be for similar marks, the Assistant Commissioner said:

"Practically all of these prior registrations contain features in addition to anything that may be considered as price indication. The single word 'Penny' sought to be registered has no such additional features. This word is not included in any of the prior registrations listed, and therefore this case is distinguishable from the others. Even if any one or more of the registrations listed were improperly granted, that would not justify the granting of a registration which should be properly refused. Suffice it to say that the registrations listed do not appear to show that the Patent Office customarily grants registration of words which are so predominantly mere price indications of the goods as is the word 'Penny' for razor blades that are sold for one cent apiece or five for a nickel."

EX PARTE CLAYTON J. HOWEL, Serial No. 370,002.

In a decision rendered June 29, 1938 (163 Ms. Dec. 65), *Assistant Commissioner VanArsdale* held that Clayton J. Howel, of Chicago, Ill., is not entitled to register, under the act of 1905, the words "Eze Orange" for certain articles including soft drinks, in view of the prior registration by another of "E-Z Ade" for certain goods also including soft drinks.

After noting that the applicant's specimens show that the mark is applied to a drink which contains water, sugar and orange juice, and referring to the dictionary definition of the word "ade", the Assistant Commissioner said:

"According to this definition, both marks apply to ade. This will be orangeade when having orange fruit flavor or content. The registrant is clearly entitled to identify his soft drinks of orange fruit flavor and content as orangeade, and, of course, so is applicant. Further, the word 'Orange' in applicant's mark appears to identify nothing more than the flavor of the ade included in the statement of goods to which the mark is applied. In view of the fact that, in accordance with the dictionary definition given above, ade and orangeade are common names of goods included in both the registration and the application, and the word orange alone would seem to identify nothing more than the flavor of the ade, the Examiner, in my opinion, was correct in refusing registration because of confusing similarity between applicant's mark and that of registration No. 295,033."

EX PARTE ZOTOS CORPORATION, Serial No. 360,693.

In a decision rendered June 30, 1938 (163 Ms. Dec. 68), *Assistant Commissioner VanArsdale* held that Zotos Corporation, of New York, N. Y., is not entitled to register, under the act of 1905, the mark "Notox" as a trade-mark for hair waving pads and permanent waving apparatus.

In his decision, after stating that the refusal was on the ground of descriptiveness, citing *In re Bonide Chemical Co., Inc.*, 18 C. C. P. A. 909, 46 F.(2d) 705, and pointing out that the mark there refused was "Crow-Tox" as a mark for use in protecting seed against birds and animals, and that the court concluded that the suggestion of poisoning is conveyed by the use of the syllable "tox", the Assistant Commissioner said:

"I agree that the word 'tox' is equivalent in meaning to poison or poisonous, and that the mark 'Notox' consequently has a meaning equivalent to 'no poison' and substantially the same meaning as 'non-poisonous' (non-tox) and 'not poisonous' (not tox)."

Then, after noting the argument that no one would associate applicant's goods in any manner with the idea of the possibility of a customer being poisoned, he said:

"However, the goods are classified in Class 44, Dental, medical, and surgical appliances. The pads and possibly some of the other accessories are used in intimate contact with the hair, and possibly also the head of the person undergoing the permanent waving treatment. Chemical reactions occur while the pads are in place on the hair. In view of the nature and manner of use of the goods specified, I believe many customers undergoing or intending to undergo the permanent waving treatment would think about the possible danger or freedom from danger of being poisoned or injured by or during the treatment, and that therefore the customers or prospective customers would consider the word 'Notox' to describe the treatment as being non-poisonous."

EX PARTE THE W. J. MCCAHAN SUGAR REFINING & MOLASSES CO., Serial No. 373,307.

In a decision rendered June 30, 1938 (163 Ms. Dec. 67), *Assistant Commissioner VanArsdale* held that The W. J. McCahan Sugar Refining & Molasses Co., of Philadelphia, Pa., is not entitled to register, under the act of 1905, as a trade-mark for cane sugar, a composite mark including the word "Sunny", in view of a prior registration by another of a trade-mark for the same goods consisting entirely of that word.

In his decision, after noting that the cartons used by applicant bore the words "McCahan's Sunny Cane Sugar", the word "Sunny" being much larger

than the other words and in yellow, where the other words were in white, and then noting that the Examiner had held that confusion would be likely between the two marks and also that applicant's mark was a bodily incorporation of the prior registrant's mark, the Assistant Commissioner said:

"In my opinion, the Examiner is correct on both grounds. It seems to me that 'Sunny' is clearly 'an essential feature of his [appellant's] mark', and is the mark of the prior registrant cited."

He further said:

"Even when the composite mark is viewed and considered as a whole, the word 'Sunny' therein impresses me as being a dominant feature thereof and to be displayed with such prominence as to result in the likelihood of the goods being called for as 'Sunny', and as to be likely to cause confusion or mistake in the mind of the public and to deceive purchasers, and thus to render the mark as a whole unregistrable under Sec. 5 of the Trade-Mark Act.

"The fact that the name 'McCahan's' appears over the word 'Sunny' has not been overlooked. However, in my opinion, the word 'Sunny' as it appears in the mark creates a more dominant and stronger identifying impression than does the name 'McCahan's'."

Then, with reference to the argument based on the difference in the cartons as a whole, he said:

"The fact that the cartons themselves and as a whole may identify the goods to as great an extent as the word 'Sunny' in the mark is not controlling in view of the apparent likelihood of confusion resulting from the word 'Sunny' thereon. *Champion Spark Plug Co.* v. *Globe-Union Mfg. Co.*, 24 C. C. P. A. 1088; 88 F.(2d) 970."

TRADE-MARKS

OFFICIAL GAZETTE, JULY 26, 1938

[VOL. 492. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 394,574. BRICKNER & BERNFELD, INC., New York, N. Y. Filed June 28, 1937.



Applicant disclaims the words "Eskimo", "Beaver", and "Superfine Quality" except as shown.
For Fur Skins.
Claims use since Jan. 15, 1935.

Ser. No. 399,663. IOWA LIMESTONE COMPANY, Des Moines, Iowa. Filed Nov. 12, 1937.

GRITTO

For Crushed Rock.
Claims use since July 15, 1936.

Ser. No. 403,821. KELMOOR FOX AND FUR FARM, INC., Thompson, Ohio. Filed Mar. 8, 1938.

KELMOOR

IRIDIUM
PLATINUM

FOXES

The words "Iridium", "Platinum", and "Foxes" are disclaimed apart from the mark.
For Fox Pelts and Live Foxes.
Claims use since Feb. 21, 1938.

Ser. No. 406,079. LUVOS CLAY COMPANY OF AMERICA, Los Angeles, Calif. Filed May 6, 1938.



The word "Clay" is disclaimed apart from the mark.
For Dieti-Cum Clay.
Claims use since Nov. 5, 1937.

CLASS 2

Receptacles

Ser. No. 403,636. CELLULOID CORPORATION, Newark, N. J. Filed Mar. 3, 1938.

LUMARITH

For Box Covers, Display Boxes, Containers, and Fronts for Containers, Made From Plastic Material.
Claims use since Feb. 16, 1938.

Ser. No. 405,263. ALBERT MILLER & Co., Chicago, Ill. Filed Apr. 14, 1938.

HAND-I-LOOP
STAPLE CLOSURE

The words "Staple Closure", "Hand", and "Loop" are disclaimed apart from the mark.
For Paper Bags for Potatoes.
Claims use since Apr. 7, 1938.

Ser. No. 406,460. MCCRORY STORES CORPORATION, New York, N. Y. Filed May 18, 1938.

Keeps Hot... Keeps Cold
MASTERBILT
VACUUM
BOTTLE

Applicant disclaims the words "Keeps Hot", "Keeps Cold", and "Vacuum Bottle" apart from the mark.
For Vacuum Bottles.
Claims use since Dec. 9, 1937.

Ser. No. 406,524. ODORA COMPANY, INC., New York, N. Y. Filed May 19, 1938.

SHELFMASTER

For Paperboard or Corrugated Paperboard Storage Receptacles.
Claims use since May 13, 1938.

Ser. No. 406,756. FULTON BAG & COTTON MILLS, Atlanta, Ga. Filed May 26, 1938.



No claim is made to the outline of a bag.
For Bags of Cotton or Other Fabric.
Claims use since Mar. 8, 1938.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 406,376. THE DENVER DRY GOODS CO., Denver, Colo. Filed May 16, 1938.



The word "Saddle" is disclaimed apart from the mark.
For Saddles.
Claims use since Feb. 15, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 400,230. FRAILEY PRODUCTS, INC., Norwalk, Conn. Filed Nov. 29, 1937.

THINC

For Soap, Shaving Cream, Soap Powder, Liquid Soap, and a Dry Cleaner Composition.
Claims use since July, 1927.

Ser. No. 405,971. ROSELUX CHEMICAL CO., INC., New York, N. Y. Filed May 3, 1938.

ROSE-X

For Cleaning Compound Having Incidental Deodorizing, Disinfecting, and Bleaching Properties.
Claims use since Dec. 1, 1935.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 390,811. JULIUS SCHMID, INC., New York, N. Y. Filed Apr. 1, 1937.

Ramses

For Douche Powder.
Claims use since Jan. 15, 1937.

Ser. No. 392,610. THE SHEFFIELD COMPANY, New York, N. Y., and New London, Conn. Filed May 11, 1937. Under 10-year proviso.

Sheffield

For Tooth Paste and Tooth Powder.
Claims use since 1850.

Ser. No. 392,891. SALVATORE RUSSO, doing business as Moto-Vita Co., New York, N. Y. Filed May 17, 1937.



The words "New York" and "Elixir" are disclaimed apart from the mark. The portrait is fanciful.
For Aperitive Tonics and Stomachics.
Claims use since Apr. 1, 1936.

Ser. No. 398,728. RENE KROTOFF, Paris, France. Filed Oct. 20, 1937.

DOLPYC

For Pharmaceutical Products for Use in the Relief of Pain and Rheumatism.
Claims use since 1936.

Ser. No. 400,947. CABLE AND GLADING, Drexel Hill, Pa. Filed Dec. 17, 1937.

K-BELL

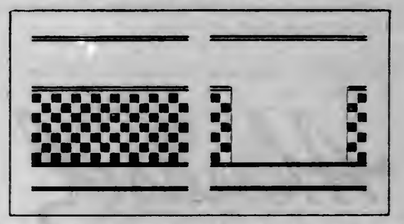
For Preparations for Diseases of the Liver, Cough Sirups; Liniments for Headache, Earache, Sprains, Pleurisy, Toothache, Rheumatism, Neuralgia, and Sore Throat; Preparation in the Nature of an Ointment for Chapped Lips, Hands, Roughness of the Skin, Freckles, Tan, Sun Burn, Scalds, Burns, and all Inflamed Surfaces; and a Dye Preparation for the Hair.
Claims use since January, 1880.

Ser. No. 401,871. NATTO-BARRO CO., Los Angeles, Calif. Filed Jan. 13, 1938.

NATTO-BARRO

The word "Barro" is disclaimed except as shown.
For Clay Product Used for Internal and External Application to Animals and Humans as a Poultice Compress.
Claims use since June 26, 1930.

Ser. No. 402,719. CHEX LABORATORIES COMPANY, Des Moines, Iowa. Filed Feb. 5, 1938.



No claim is made for the label per se. The drawing is lined for blue.
For Tooth Powders and Tooth Paste.
Claims use since Dec. 15, 1937.

Ser. No. 402,885. CHEX LABORATORIES COMPANY, Des Moines, Iowa, Filed Feb. 9, 1938.

CHEX

For Tooth Powders and Tooth Paste.
Claims use since Dec. 15, 1937.

Ser. No. 403,315. ALEX. HUDNUT PHARMACY OF N. Y., New York, N. Y. Filed Feb. 23, 1938.

Alex Hudnut Aids
to Beauty

Applicant disclaims the wording except in connection with the mark as shown.
For Hair Treating Preparations, Cosmetics, and Similar Preparations—Namely, Pasteurized Cold Cream, All Purpose Cream, Skin and Tissue Cream, Anti-Wrinkle Cream, Foundation Cream, Skin Tonic, Astringent Lotion, Deep Pore Cleanser, All Purpose Lotion, Tar Shampoo, Cocoanut Shampoo, Castile Shampoo, Olive Oil Shampoo, Soapless Shampoo, and Lemon Shampoo.
Claims use since Aug. 2, 1937.

Ser. No. 403,401. GERALD B. DYDE, Portland, Oreg. Filed Feb. 25, 1938.

DRYOLENE

For Waterproofing Composition for Textiles.
Claims use since Nov. 1, 1937.

Ser. No. 404,699. GELKE LABORATORIES, INC., Indianapolis, Ind. Filed Mar. 31, 1938.

DEES

For Pharmaceutical Preparation in the Form of Wafers for Relieving Indigestion.
Claims use since Jan. 2, 1938.

Ser. No. 404,853. LAMBERT PHARMACAL COMPANY, Wilmington, Del., and St. Louis, Mo. Filed Apr. 4, 1938.

MILKO MAG

For Effervescent Antacid and Laxative Preparation.
Claims use since Mar. 21, 1938.

Ser. No. 404,981. COLLOIDAL PHARMACALS CO., New York, N. Y. Filed Apr. 7, 1938.

Aknasol COLLOIDAL

The word "Colloidal" is disclaimed apart from the mark.
For Skin Lotion.
Claims use since Mar. 10, 1938.

Ser. No. 405,199. FRAILEY PRODUCTS, INCORPORATED, Norwalk, Conn. Filed Apr. 13, 1938.

DR. PLATT'S CAL-Rinex PRESCRIPTION

No claim is made to the words "Dr. Platt's" or "Prescription" apart from the mark.
For Medicinal Preparation for Hay Fever, Asthma, Head Colds, and Catarrh.
Claims use since Nov. 1, 1936.

Ser. No. 405,502. ELIZABETH GOULD, Brooklyn, N. Y. Filed Apr. 20, 1938.

SAPODERMA

For Shampoo.
Claims use since July 19, 1937.

Ser. No. 405,868. ABBOTT LABORATORIES, North Chicago, Ill. Filed Apr. 30, 1938.

CENOLATE

For Vitamin C Preparation of Cevitamic Acid for Parenteral Use.
Claims use since Dec. 29, 1937.

Ser. No. 405,878. B. HELLER & COMPANY, Chicago, Ill. Filed Apr. 30, 1938.



For Preparation for Killing Bed Bugs.
Claims use since Apr. 14, 1938.

Ser. No. 406,019. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed May 5, 1938.

AMOIL

For High Boiling Oily Esters, Such as Amyl Phthalate, Amyl Sebacate, and the Like.
Claims use since Apr. 13, 1938.

Ser. No. 406,045. MURRAY BAUM, doing business as Baum Products Co., Ashton, Idaho. Filed May 6, 1938.



For Solution for Removing Bugs From Windshields and Fenders of Automobiles.
Claims use since Mar. 9, 1938.

Ser. No. 406,049. DAVID R. C. DEVINE, Philadelphia, Pa. Filed May 6, 1938.

CAYOLA

For Medical Preparation for the Treatment of Indigestion, Rheumatism, Arthritis, Neuritis, Headache, Bad Breath, and Acid Stomach.
Claims use since August, 1934.

Ser. No. 406,103. SCOTT & BOWNE, Bloomfield, N. J. Filed May 7, 1938.

JERMAX

For Vaginal Antiseptic.
Claims use since Dec. 1, 1937.

Ser. No. 406,170. ATLAS POWDER COMPANY, Wilmington, Del. Filed May 10, 1938.

SORBAN

For Sorbitol Syrups.
Claims use since Apr. 6, 1938.

Ser. No. 406,282. MRS. R. E. DRANNON doing business as Jean Norris Laboratories, Los Angeles, Calif. Filed May 13, 1938.



The word "Nail" is disclaimed apart from the mark.
For Protective Nail Coating and a Nail Enamel.
Claims use since Dec. 6, 1937.

Ser. No. 406,330. DAISY D. DUNCAN, doing business as the Duncan Chemical Company, St. Louis, Mo. Filed May 14, 1938.

DUNCAN'S OZON

The surname "Duncan's" is disclaimed apart from the mark.
For Medicines for Rheumatism, Backache, Kidney and Bladder Trouble, Toothache, Salivation, Cuts, Bruises, Sore Throat, Coughs, Hay Fever, Burns, Itch, Tetter, Ringworm, Poison Oak, Insect Bites, Sores, Swellings, and Insecticides.
Claims use since March, 1920.

Ser. No. 406,338. ADOLPHE HURST & CO. INC., New York, N. Y. Filed May 14, 1938.

Neotol

For Medicament Prepared for Otological and Nasopharyngeal Practice.
Claims use since May 10, 1938.

Ser. No. 406,340. PAUL H. JAMIESON, doing business as Jamieson Products Co., Redondo Beach, Calif. Filed May 14, 1938.

ETCHADINE

For Compositions Employed in Photographic Pictorial Control.
Claims use since Nov. 16, 1934.

Ser. No. 406,407. THE WESTERFIELD PHARMACAL CO., doing busines as Extermital Chemical Company, Dayton, Ohio. Filed May 16, 1938.

EXTERMITAL

For Insecticides.
Claims use since March, 1937.

Ser. No. 406,518. LONDON HOUSE, LTD., New York, N. Y. Filed May 19, 1938.



For Perfume.
Claims use since March, 1933.

Ser. No. 406,549. COAST CHEMICAL COMPANY, INC., Los Angeles, Calif. Filed May 20, 1938.



For Medicated Oils for the Treatment of Dandruff, Acne, Piles, Athlete's Foot, Arthritis and Rheumatism, and Pyorrhea; and Cosmetics—Namely, Perfumes, Toilet Water, Face Powder, Sachet, Lipstick, Rouge, Face Cream, and Cleansing Cream.
Claims use since Mar. 18, 1938.

Ser. No. 406,620. ESTHER JAFFE, Brooklyn, N. Y. Filed May 20, 1938.

SILVERINE
FOR SIMPLE BURNS

No claim is made to the words "For Simple Burns" apart from the mark.
For Preparation for Relieving the Discomforts of Simple Burns, Sun Burns, Etc.
Claims use since December, 1937.

Ser. No. 406,652. CHARLES ORDEL, doing business as Cosmetic Laboratories, South Beach, N. Y. Filed May 23, 1938.



The words "Exquisite Face Powder" are disclaimed apart from the mark. The portrait is fanciful.
For Face Powders.
Claims use since May, 1937.

Ser. No. 407,056. HARRY J. CHIEREGATTI, doing business as Effer-Lax Company, New York, N. Y. Filed June 3, 1938.

EFFER-LAX



For Chocolate Flavored Effervescent Laxative and Antacid Preparation.
Claims use since May, 1936.

Ser. No. 407,070. JOHN HENRY MILLER, INC., New York, N. Y. Filed June 3, 1938.

Rigolene

For Mineral Oil.
Claims use since Mar. 11, 1936.

Ser. No. 407,159. PUREX CORPORATION, LTD., South Gate, Calif. Filed June 6, 1938.

Toilex

For Drain Opener and Toilet Bowl Cleanser.
Claims use since May 17, 1938.

Ser. No. 407,188. WM. F. KOCH, doing busines as Koch Laboratories, Detroit, Mich. Filed June 7, 1938.

KETENONES

For Preparation for Allergy-Neoplasia-Infections.
Claims use since May 25, 1938.

Ser. No. 407,235. THE MASSENGILL SPECIALTIES CORPORATION, Bristol, Tenn. Filed June 8, 1938.

CZO

For Pharmaceutical Preparation Comprising a Soothing Lotion for Certain Affections of the Skin.
Claims use since Dec. 1, 1937.

Ser. No. 407,249. ROCHE-ORGANON, INC., Nutley, N. J. Filed June 8, 1938.

LIQUAEMIN

For Medicinal Preparation Used as a Blood Anti-Coagulant.
Claims use since May 10, 1938.

Ser. No. 407,467. OLDEN MINERALS, INCORPORATED, Los Angeles, Calif. Filed June 14, 1938.

Batheoff

For Pharmaceutical Preparations for Preparing Mineral Baths, for Cleansing and Opening the Pores of the Skin, Stimulating Circulation, and Removing Excess Weight.
Claims use since Apr. 22, 1938.

Ser. No. 407,488. BOURJOIS, INC., New York, N. Y. Filed June 15, 1938.

MaisOui

For Perfume.
Claims use since June 6, 1938.

Ser. No. 407,562. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed June 16, 1938.

RHOTEX

For Water Soluble Resinous Materials Useful for Sizing or Finishing Textiles and Paper and as Thickening Agents for Aqueous Dispersions.
Claims use since May 27, 1938.

Ser. No. 407,600. MILO F. MILLER, doing business as The Gas-Gun Mfg. Co., Kansas City, Mo. Filed June 17, 1938.



Ferret

For Rat Poison.
Claims use since Mar. 3, 1937.

Ser. No. 407,685. S. PFEIFFER MFG. CO., doing business as Heinrich Pharmacal Co., St. Louis, Mo. Filed June 20, 1938.

Grégone

For Medicinal Solution for Darkening Gray and Fading Hair.
Claims use since June 1, 1938.

Ser. No. 407,686. POLSTRAY CO., INC., New York, N. Y. Filed June 20, 1938.

PERMAX

For Preparation for Relief of Piles.
Claims use since June 1, 1938.

CLASS 12

Construction Materials

Ser. No. 399,081. CLAIR J. GIBSON, Los Angeles, Calif. Filed Oct. 29, 1937.

PORO PACK

No claim is made to the word "Pack" apart from the mark.
For Ribbed, Grooved, and Perforated Elements Used in Forming a Porous Pack for the Perforated Liners in Deep Wells.
Claims use since Sept. 20, 1937.

Ser. No. 406,211. CENTRAL HARDWARE CO., St. Louis, Mo. Filed May 11, 1938.

versaTYL

For Wall Tiles.
Claims use since May 4, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 400,805. SWEET'S STEEL COMPANY, Williamsport, Pa. Filed Dec. 13, 1937.

SWEET'S

For Steel Fence Posts and Steel Posts for Supporting Signs and Billboards.
Claims use since February, 1930.

Ser. No. 404,028. THE BOYE NEEDLE COMPANY, Chicago, Ill. Filed Mar. 14, 1938.



For Slide Fasteners.
Claims use since Dec. 15, 1937.

Ser. No. 406,220. ALBERT H. KERSTING, doing business as Acme Spring Sash Balance Co., Los Angeles, Calif. Filed May 11, 1938.

ACME TWIN

For Spring Sash Balances.
Claims use since Mar. 21, 1938.

Ser. No. 406,534. FOSTER L. TALGE, doing business as Rival Manufacturing Company, Kansas City, Mo. Filed May 19, 1938.



The representation of the woman is fanciful. The representation of the goods and the word "Steaks" are disclaimed apart from the mark.
For Base Metal Steak Platters.
Claims use since May 5, 1938.

Ser. No. 406,790. WAGNER SPECIALTY COMPANY, Burlington, Wis. Filed May 26, 1938.

SPEED-FLO

For Faucets for Use on Oil and Gas Drums.
Claims use since July, 1935.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 407,096. FIRTH-STERLING STEEL COMPANY, McKeesport, Pa. Filed June 4, 1938.

MO-CHIP

For Steel in the Form of Bars, Blocks, Discs, and Pieces, All of Various Sizes.
Claims use since May 24, 1938.

CLASS 15

Oils and Greases

Ser. No. 405,476. W. H. BARBER COMPANY, Minneapolis, Minn. Filed Apr. 20, 1938.

A BEAR FOR WEAR

For Lubricating Oils and Greases.
Claims use since Apr. 13, 1938.

Ser. No. 405,594. THE CURRAN CORPORATION, doing business as The Belmont Co., Malden, Mass. Filed Apr. 22, 1938.

MOTOR FIZIK

The word "Motor" is disclaimed apart from the mark.
For Lubricating Oil Having Penetrating and Solvent Properties.
Claims use since October, 1935.

CLASS 16

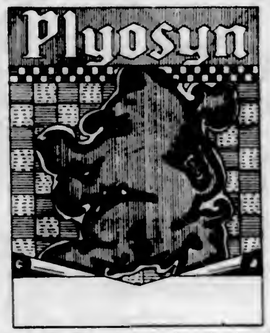
Paints and Painters' Materials

Ser. No. 401,318. ROSELUX CHEMICAL CO. INC., New York, N. Y. Filed Dec. 28, 1937.



For Liquid Waxing Compounds.
Claims use since Dec. 15, 1936.

Ser. No. 404,636. LEON FINCH LTD., Los Angeles, Calif. Filed Mar. 30, 1938.



For Clear and Pigmented Synthetic Enamels for Metallic and Other Surfaces.
Claims use since Apr. 1, 1937.

Ser. No. 404,637. LEON FINCH LTD., Los Angeles, Calif. Filed Mar. 30, 1938.



The words "Spra-Rite" are disclaimed apart from the mark.
For Clear and Pigmented Synthetic Enamels for Automotive and Industrial Work.
Claims use since Apr. 1, 1937.

CLASS 17

Tobacco Products

Ser. No. 389,214. THE HOUSE OF BOBBIE, INC., Marion, Ohio. Filed Feb. 23, 1937.



The picture is fanciful. The word "English" is not claimed apart from the mark.
For Pipe Smoking Tobacco.
Claims use since July 1, 1934.

Ser. No. 405,062. EMPIRE TOBACCO COMPANY, Kansas City, Mo. Filed Apr. 9, 1938.



The words "Mixture" and "Pipe Tobacco" are disclaimed apart from the mark.
For Smoking Tobacco.
Claims use since Jan. 16, 1938.

Ser. No. 405,063. EMPIRE TOBACCO COMPANY, Kansas City, Mo. Filed Apr. 9, 1938.



The words "Aromatic Pipe Mixture" are disclaimed apart from the mark.
For Smoking Tobacco.
Claims use since Jan. 16, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 399,196. MONARK SILVER KING, INC., Chicago, Ill. Filed Nov. 1, 1937.

MONARK

For Bicycles.
Claims use since July 15, 1933.

Ser. No. 399,198. MONARK SILVER KING, INC., Chicago, Ill. Filed Nov. 1, 1937.

SILVER KING

For Bicycles.
Claims use since July 15, 1933.

Ser. No. 406,159. WELSH CO., St. Louis, Mo. Filed May 9, 1938.

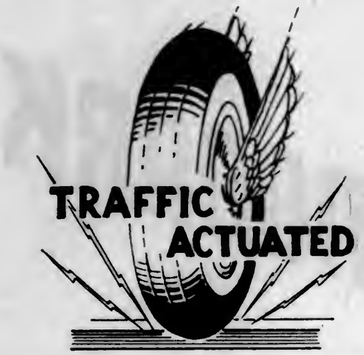


The drawing is lined for blue. The words "Easy Fold" are disclaimed apart from the mark.
For Baby Carriages.
Claims use since Nov. 1, 1934.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 389,972. AUTOMATIC SIGNAL CORPORATION, New York, N. Y. Filed Mar. 12, 1937.



No claim is made to the words "Traffic Actuated" apart from the mark.

For Automatic Electric Traffic Control Signalling Systems and Apparatus for Operating Road Traffic Signal Lights, and Vehicle Operated Devices Comprising Treadle Switches and Other Forms of Electrical Devices Responsive to Road Vehicles at or Passing a Point Where It Is Desired to Detect Them for Use in Such Systems and Apparatus or for Use in Operating Warning Signals or Traffic Counters for Example.

Claims use since Feb. 12, 1936.

Ser. No. 395,104. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed July 10, 1937.

LOUVERLUX

For Electrical Luminaires.

Claims use since Sept. 15, 1931.

Ser. No. 396,745. NEPPERHAN SALES COMPANY, INC., New York, N. Y. Filed Aug. 25, 1937.

"NEPERA"

For Electrically-Insulating Varnished Products—Namely, Electrically-Insulating Varnished-Cambric Adhesive Tape, Electrically-Insulating Varnish Saturated Sleeving, and Electrically-Insulating Varnished Tubing.

Claims use since July 1, 1935.

Ser. No. 401,131. BARKON-FRINK TUBE LIGHTING CORPORATION, Long Island City, N. Y. Filed Dec. 22, 1937.

BARKON

For Electric Carbon Dioxide Lamps of High and Low Voltage and Parts Thereof, Such as Gaseous Conduction Tubes, High and Low Gaseous Conduction Tubes, Incandescent Lamps, General Fixtures Used With Such High and Low Voltage Carbon Dioxide Lamps.

Claims use since June 1, 1937.

Ser. No. 401,132. BARKON-FRINK TUBE LIGHTING CORPORATION, Long Island City, N. Y. Filed Dec. 22, 1937.



The word "Lighting" is disclaimed except as shown

For Electric Carbon Dioxide Lamps of High and Low Voltage and Parts Thereof, Such as Gaseous Conduction Tubes, High and Low Gaseous Conduction Tubes, Incandescent Lamps, General Fixtures Used With Such High and Low Voltage Carbon Dioxide Lamps.

Claims use since June 1, 1937.

Ser. No. 404,265. PORCELAIN PRODUCTS, INC., Findlay, Ohio. Filed Mar. 19, 1938.

UNI-TYPE

The word "Type" is disclaimed apart from the mark.

For High Tension Electrical Insulators.

Claims use since June 1, 1937.

Ser. No. 405,535. ROBERT G. WERNER, doing business as Northern Incandescent Lamp Company, Hoboken, N. J. Filed Apr. 20, 1938.



Applicant disclaims the word "Three" and the word "Lite" except as part of the mark.

For Electric Lamp Bulbs.

Claims use since November, 1936.

Ser. No. 405,700. LA MODE STUDIOS, INC., New York, N. Y. Filed Apr. 25, 1938.



For Electric Lamps.

Claims use since Apr. 19, 1938.

Ser. No. 406,670. RCA MANUFACTURING COMPANY, INC., Camden, N. J. Filed May 26, 1938.

RCA Victor

For Radio Receiving Sets, Television Receiving Sets, Kits for Radio Receiving Sets, Kits for Television Receiving Sets, Radio Transmitting Apparatus, Radio Receiving Apparatus Adapted for Combination with Electrically Operated Talking Machines, Combined Radio Receiving Apparatus and Electrically Operated Talking Machines, Centralized Radio, Talking Machine and Audio Distribution Systems, Electrically Operated Talking Machines, Electrically Operated Talking Machines Adapted for Combination with Radio and Television Receiving Sets; and Accessories and Parts Consisting of Aerials, Battery Eliminators, Binding Posts, Choke Coils, Inductors, Capacitors, Grid Leaks, Jacks, Loudspeakers, Panels, Potentiometers, Sockets, Conduits, Baffles, Motor Generators, Inverters, Converters, Current Interrupters, Electric Current Reversing Switches, Potential Changing and Electric Current Modifying Devices, Motors, Generators, Amplifier Racks, Rectifiers, Vibrators, Terminal Boards, Dials, Knobs, Volume Control Devices, Remote Control Devices, Tone Control Devices, Transformers, Switches, Cable, Fuses, Diaphragms for Loudspeakers, Plugs, Electric Pickups, Styli Especially Adapted for Microphones, Microphones, Filter-Packs, Relay Assemblies, Rheostats, Electric Stop Mechanisms, Radio Amplifying Units, Television Amplifying Units, Audio Amplifying Units, Shields, Electron Tubes, Resonance Indicators of the Cathode Ray Tube Type, Thermionic Detector Tubes, Amplifier Tubes, Oscillator Tubes, Rectifier Tubes, Ballast and Gaseous Glow Discharge Tubes, Electron Tubes of the Cathode Ray Type, Resonance Indicators, Tube Sockets, Tuning Units, and Wire.

Claims use since Sept. 18, 1931.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 404,124. FORD H. DORMIRE, Fenton, Mich. Filed Mar. 16, 1938.



No claim is made to the words "Fly Box" apart from the mark.

For Fly Boxes.

Claims use since Nov. 13, 1936.

Ser. No. 406,669. PIG PEGGY COMPANY, Brockton, Mass. Filed May 23, 1938.

Pig Peggy

For Paddle to be Used for Playing a Paddle and Peg Game.

Claims use since Apr. 4, 1938.

Ser. No. 406,923. HALL HARDWARE COMPANY, Minneapolis, Minn. Filed May 31, 1938.



No claim is made of the words "Our Own Hardware" apart from the mark.

For Fish Lines.

Claims use since Feb. 1, 1928.

Ser. No. 406,983. ROBERT MOREY, New Haven, Conn. Filed June 1, 1938.

SECURITY

For Card Game and Its Accessories.

Claims use since May 4, 1938

Ser. No. 407,037. SELCHOW & RIGHTER COMPANY, New York, N. Y. Filed June 2, 1938.

ROYAL-JACKS

The word "Jacks" is disclaimed apart from the mark.

For Game Pieces for Use in Playing "Jacks".

Claims use since May 4, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 386,564. STEWART-WARNER CORPORATION, Chicago, Ill. Filed Dec. 4, 1936.

HYDRAULIC

For Hand Operated, Electric Motor Operated, and Pneumatically Operated Lubricant Dispensers and Com-

pressors; Lubritant Receiving Fittings, Couplers for Connecting Lubricant Compressors with Such Fittings, and Grease Guns.
Claims use since Mar. 26, 1933.

Ser. No. 397,989. HAZEL TINNEY, Alamagordo, N. Mex. Filed Sept. 30, 1937.

PLOWISE TRADE MARK

No claim is made to the words "Trade Mark".
For Plows.
Claims use since May 2, 1937.

Ser. No. 399,916. AMERICAN BRUSH CORPORATION, Chicago, Ill. Filed Nov. 19, 1937.

Craftway

For Paperhanger Kits and Wallpaper Tool Kits and Wallpaper Tools.
Claims use since Dec. 10, 1936.

Ser. No. 401,158. M. R. C. LIMITED, London, England. Filed Dec. 22, 1937.

TELEFLEX

For Mechanical Remote Control Devices with a Flexible Cable Running Through a Conduit, the Flexible Cable Connected up to Lever Systems at the Ends and Being Able to Transmit Push, Pull, and Rotary Motion.
Claims use since 1935.

Ser. No. 402,751. WESTMINSTER STEEL COMPANY, New York, N. Y. Filed Feb. 5, 1938.

Westminster

The term "Westminster" is disclaimed apart from the mark.
For Razor Blades.
Claims use since Jan. 1, 1937.

Ser. No. 403,755. THE C-K-R COMPANY, Cleveland, Ohio, assignor to The American Fork & Hoe Company, Cleveland, Ohio, a corporation of Ohio. Filed Mar. 7, 1938.

YARDMASTER

For Rakes and Parts Thereof.
Claims use since July, 1928.

Ser. No. 404,056. THE PRESCOTT COMPANY, Menominee, Mich. Filed Mar. 14, 1938. Under 10-year proviso.

PRESCOTT

For Sawmill and Mining Machinery, Accessories, and Parts as Follows: Electric Dogs, Electric Setworks, Air Dogs, Twin Circular Cant Machines, Band Splitters, Band Mills, Vertical Band Resaws, Horizontal Band Resaws, Circular Mills, Carriages, Head Blocks and Dogs, Setworks, Steam Setworks, Receders and Offsets; Track, Trucks, Axles, Wheels and Wheel Units, All for Sawmill Carriages; Carriage Bumpers, Steam Feeds, Rope Feeds, Steam Feed Valves for Sawmill Carriages and Controls Therefor, Steam Niggers, Special Nigger Bars, Spring Floor Plates, Log Jackers, Log Stops and Loaders, Log Kickers, Log Jack Chairs, Overhead Log Turners, Cut-off and Drag Saws, Edgers, Rift Machines, Combined Machines, Trimmers, Slashers, Live Rolls, Skid Transfers, Cant Flippers, Swing and Jump Saws, Transferring Machinery, Sorting Machinery, Lath Mills, Hogs, Wood Machines, Shingle Machinery, Pulp-stock Cut-offs, Transmission Machinery, Shafting, Couplings, Pulleys, Frictions, Gears, Sprockets, Boxes, Hangers, Angle and Sole Plates, Floor Stands, Brackets, Conveying Machinery, Chains, Drums, Idlers, Sprockets, and Finished Castings and Forgings Used as Parts in the Construction and Repair of Sawmill Machinery; and Filing-room Tools.
Claims use since 1874.

Ser. No. 406,605. L. C. SMITH & CORONA TYPEWRITERS, INC., Syracuse, N. Y. Filed May 21, 1938.

ZEPHYR

For Typewriting Machines.
Claims use since May 17, 1938.

Ser. No. 406,743. ALUMINUM INDUSTRIES, INC., Cincinnati, Ohio. Filed May 26, 1938.

Permatrol

For Pistons.
Claims use since May 10, 1938.

Ser. No. 406,818. THE MASSEY-HARRIS COMPANY, Racine, Wis. Filed May 27, 1938.

CLIPPER

For Combine Harvesters.
Claims use since May 21, 1938.

CLASS 24

Laundry Appliances and Machines

Ser. No. 402,966. EASY WASHING MACHINE CORPORATION, Syracuse, N. Y. Filed Feb. 12, 1938.

EASY-MATIC

For Laundry Machine.
Claims use since Nov. 15, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 376,159. JENAER GLASWERK SCHOTT & GEN., Jena, Germany. Filed Mar. 19, 1936. Under 10-year proviso.

SCHOTT

For Graduated Bottles, Beakers, Flasks, Retorts, All of Glass, for Laboratory Use; Test Glasses, Measuring Receptacles, and Water Gauge Glasses.
Claims use since 1894.

Ser. No. 378,964. JENAER GLASWERK SCHOTT & GEN., Jena, Germany. Filed May 28, 1936. Under 10-year proviso.

Jena Glass

For Graduated Bottles, Beakers, Flasks, Retorts, All of Glass, for Laboratory Use; Test Glasses, Measuring Receptacles, and Water Gauge Glasses.
Claims use since 1894.

Ser. No. 393,559. ULTRA VIOLET PRODUCTS INCORPORATED, Los Angeles, Calif. Filed June 2, 1937.

FLUOROLIGHT

For Quartz Ultra Violet Fluorescent Lamp Used in the Detection and Analysis of Fluorescent Ores and Minerals.
Claims use since Mar. 15, 1935.

Ser. No. 400,038. SHEET POLARIZER COMPANY, INC., Union City, N. J. Filed Nov. 20, 1937.

POLAROID JUNIOR

For Composite Material Comprising Suspensions of Polarizing Particles in a Light-Transmitting Medium Adapted to be Used in Connection with Optical Devices, Such as Microscope Eye-Pieces, Glare Eliminators, Variable Density Diaphragms, Polariscopes, Gem Testers, and the Like.
Claims use since Dec. 2, 1936.

Ser. No. 401,526. FISH-SCHURMAN CORPORATION, New York, N. Y. Filed Jan. 4, 1938. Under 10-year proviso.

Royal Berlin

For the Following Goods for Use as Laboratory Equipment—Porcelain Filtering Crucibles, Porcelain Immersion Filter Tubes, Porcelain Ignition Dishes, Porcelain Adapters, Porcelain Gooch Crucibles, Porcelain Micro Boats, Porcelain Evaporating Dishes and Pans, Porcelain Micro-Immersion Filter Sticks, Porcelain Ultra-Filtration Crucibles, Porcelain Ultra-Filtration Funnels, Porcelain Ultra-Filtration Balloons, Porcelain Suction Funnels, Porcelain Combustion Tubes, Porcelain Combustion Boats, Porcelain Tubing, Porcelain Electric Laboratory Furnaces, Porcelain Autoclave Liners, Porcelain Distilling Vessels, Porcelain Flasks and Jars with Lids and Tubes, Porcelain Condensing Coils, Porcelain Stirrers, Porcelain Jars, Porcelain Digesters, Porcelain Strainers, Porcelain Tanks, Porcelain Perforated Plates, Porcelain Diaphragm Plates, Porcelain Pyrometer Tubes, Porcelain Filter Candles, Porcelain Balloon Filters, Porcelain Diaphragms, Porcelain Valves, Porcelain Ball Mills, Porcelain Beakers, Porcelain Casseroles, Porcelain Spoons, Porcelain Spatulas, Porcelain Forks, Porcelain Presses, Porcelain Mortars, Porcelain Pestles, Porcelain Basins, Porcelain Ignition Capsules, Porcelain Filter Flasks, Porcelain Filter Funnels, Porcelain Crucible Supports, Cylindrical and Conical Porous and Perforated Porcelain Dishes, Porcelain Watch Glasses, Glazed Porcelain Boilers, Porcelain Test Tubes, Glazed Porcelain Crucibles, not Porous, with Porcelain Lids and Covers; also Unglazed Porcelain Crucibles, for Combustion, and Special Porcelain Apparatus Built to Specifications for Use in Chemical Laboratories.
Claims use since Jan. 1, 1895.

Ser. No. 404,456. PATTERSON O. STEWART, doing business as Electro Products Company, New York, N. Y. Filed Mar. 24, 1938.

POWER PEAKER

For Vacuum Gauges for Automobiles.
Claims use since Feb. 1, 1938.

Ser. No. 405,491. ERPI CLASSROOM FILMS INC., New York, N. Y. Filed Apr. 20, 1938.

BRING THE WORLD TO THE CLASSROOM

Applicant disclaims the representation of the talking motion picture film apart from the mark as shown.
For Talking Motion Picture Films.
Claims use since Mar. 17, 1938.

Ser. No. 405,623. WALTER G. SUMMERS, New York, N. Y. Filed Apr. 22, 1938.

PATHOMETER

For Device for the Measurement of Emotions and the Detection of Deception.
Claims use since Mar. 30, 1938.

Ser. No. 406,090. CHEMCO PHOTOPRODUCTS COMPANY, Glen Cove, N. Y. Filed May 7, 1938.

POWERLITH

For Photographic and Photo-Engraving Product—Namely, Stripfilm, a Film Supported or Backed on Paper Which After Being Chemically Treated Through Development is Separated from the Paper Backing and Stripped onto Glass.
Claims use since Mar. 1, 1937.

Ser. No. 406,599. L. OPPLEMAN, INC., New York, N. Y. Filed May 21, 1938.

FOCUSAR

For Range Finder for Cameras.
Claims use since Apr. 15, 1938.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 405,934. O-CEDAR CORP'N, Chicago, Ill. Filed May 2, 1938.

FLOOR MASTER

For Mops.
Claims use since Apr. 1, 1938.

CLASS 31

Filters and Refrigerators

Ser. No. 406,028. NEW HAMPSHIRE DIATOMITE COMPANY, Portsmouth, N. H. Filed May 5, 1938.

OPALEX
KRYSTAL-FLO

For Filter Aids Prepared from Diatomaceous Earth.
Claims use since Dec. 20, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 405,391. LEO A. JIRANEK, New York, N. Y. Filed Apr. 18, 1938.

FEATURIZED

For Bedroom Furniture—Namely, Beds, Chairs, Tables, Vanities, Night Stands, Dressers, Chests, Chestrobes, Dressing Tables, Boudoir Chairs, Chaise Longues; Dining Room Furniture—Tables, Chairs, Servers, Buffets, Chests, Sideboards, Chinas, Tea Wagons; Dinette Furniture—Tables, Chairs, Servers, Buffets, Chests, Sideboards, Chinas, Tea Wagons; Upholstered Furniture—Chairs, Couches, Settees, Sofas, Daybeds Covered in Fabric and Leather; Kitchen Furniture—Chests, Chairs, Tables, Cabinets, Cupboards; Porch Furniture—Garden Furniture—Reed, Rattan, Bamboo, Iron, Wood, Upholstered; Novelty Tables—Occasional Tables, Smokers, End Tables, Card Tables, Coffee Tables, Cocktail Tables, Lamp Tables; Nursery Furniture—Cribs, Beds, Chests, Robes, Tables, Chairs, Dressers; Bar and Longue Furniture—Bars, Tables, Chairs, Stools; Bath and Dressing Room Furniture—Tables, Chairs, Dressers, Dressing Tables; Miscellaneous Furniture—Writing Desks, Secretaries, Breakfronts, Cabinets, Bookcases, Radio Cabinets, Piano Cabinets.

Claims use since Jan. 3, 1938.

Ser. No. 405,392. LEO A. JIRANEK, New York, N. Y. Filed Apr. 18, 1938.

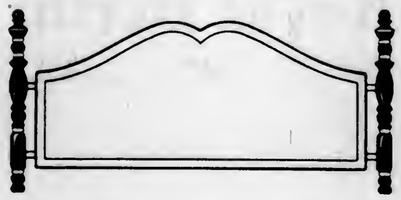
JIRANEK
FEATURIZED FURNITURE

No claim is made to the word "Furniture" apart from the mark.

For Bedroom Furniture—Namely, Beds, Chairs, Tables, Vanities, Night Stands, Dressers, Chests, Chestrobes, Dressing Tables, Boudoir Chairs, Chaise Longues; Dining Room Furniture—Tables, Chairs, Servers, Buffets, Chests, Sideboards, Chinas, Tea Wagons; Dinette Furniture—Tables, Chairs, Servers, Buffets, Chests, Sideboards, Chinas, Tea Wagons; Upholstered Furniture—Chairs, Couches, Settees, Sofas, Daybeds Covered in Fabric and Leather; Kitchen Furniture—Chests, Chairs, Tables, Cabinets, Cupboards; Porch Furniture—Garden Furniture—Reed, Rattan, Bamboo, Iron, Wood, Upholstered; Novelty Tables—Occasional Tables, Smokers, End Tables, Card Tables, Coffee Tables, Cocktail Tables, Lamp Tables; Nursery Furniture—Cribs, Beds, Chests, Robes, Tables, Chairs, Dressers; Bar and Lounge Furniture—Bars, Tables, Chairs, Stools; Bath and Dressing Room Furniture—Tables, Chairs, Dressers, Dressing Tables; Miscellaneous Furniture—Writing Desks, Secretaries, Breakfronts, Cabinets, Bookcases, Radio Cabinets, Piano Cabinets.

Claims use since Jan. 3, 1938.

Ser. No. 406,817. MALLARY, INC., New Rochelle, N. Y. Filed May 27, 1938.



For Furniture—Namely, Chests, Dressers, Vanities, Springs, Mattresses, Tables, Chairs, Commodes, Sofas, Settees, Ottomans, Buffets, China Closets, Cupboards, Cabinets, Servers, Consoles, Desks, Secretaries, and Breakfronts.

Claims use since Nov. 20, 1928.

CLASS 33

Glassware

Ser. No. 396,366. LIBBEY GLASS COMPANY, Toledo, Ohio. Filed Aug. 13, 1937.

Libbey

Applicant is the owner of trade-mark registration No. 54,172 granted under the 10-year proviso.

For Drinking Glasses, Fruit Cups, Berry Dishes, and Stemware, All Made of Glass.

Claims use since 1924.

Ser. No. 398,275. SOCIETE ANONYME BORALEX, Le Quesnoy, France. Filed Oct. 8, 1937.

BORALEX

For Plate Glass, Crystal Glass.
Claims use since Jan. 20, 1937.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 402,310. N. V. PHILIPS' GLOEILAMPENFABRIEKEN, Eindhoven, Netherlands. Filed Jan. 25, 1938.

PHILIPHAN

For Lighting Glassware.
Claims use since March, 1937.

Ser. No. 406,062. LIT BROTHERS, Philadelphia, Pa. Filed May 6, 1938.

Kitchen Queen LB

For Gas Ranges.
Claims use since Feb. 20, 1938.

Ser. No. 406,130. GOVERNAIR CORPORATION, Oklahoma City, Okla. Filed May 9, 1938.

GOVERNAIR

For Air Conditioning Units.
Claims use since May 3, 1938.

Ser. No. 406,843. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed May 27, 1938.

UNITAIRE

For Air Conditioners.
Claims use since Mar. 19, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 407,197. THE NORWALK TIRE & RUBBER COMPANY, INC., Norwalk, Conn. Filed June 7, 1938.



No claim is made to the words "Tube" and "Guaranteed For Life" apart from the mark.

For Tires and Inner Tubes Composed Principally of Rubber.

Claims use since Apr. 15, 1937.

CLASS 36

Musical Instruments and Supplies

Ser. No. 405,730. OTTO LINK & CO. INC., New York, N. Y. Filed Apr. 26, 1938.

OTTO LINK
VIBRACANE

No claim is made to the name "Otto Link" apart from the mark.

For Reeds for Musical Instruments.
Claims use since December, 1936.

CLASS 37

Paper and Stationery

Ser. No. 386,231. THE UNION PAPER & TWINE COMPANY, Cleveland, Ohio. Filed Nov. 25, 1936.

UNICO

For Wrapping Papers, Paper Envelopes, Sheathing Papers, Book Papers, Card Board Papers, Cover Papers, Second Sheet Papers, and Separate Papers (Not Continuous-Form Stationery or Inter-Connected Sheets of Stationery).

Claims use since Aug. 21, 1936.

Ser. No. 390,568. TILESTON & HOLLINGSWORTH COMPANY, Boston, Mass. Filed Mar. 26, 1937.

LIFT-PAK

The term "Pak" is disclaimed apart from the mark.
For Package of Printing Paper.
Claims use since Jan. 20, 1937.

Ser. No. 399,403. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Nov. 6, 1937.

ETHOFOIL

For Films, Foil, or Sheets Comprising Chiefly Ethyl Cellulose, Whether Transparent, Opaque, Colored or Uncolored, Embossed, Ornamented or Plain, with or without Plasticizers and Additional Moisture-Proofing Agents Incorporated Therein.
Claims use since Nov. 2, 1937.

Ser. No. 401,454. BENJAMIN B. STERLING, doing business as Southwestern Mill Distributors, El Paso, Tex. Filed Dec. 31, 1937.

SOUTHWESTERN MILL DISTRIBUTORS

For Wrapping Paper, Butcher Paper, Wax Paper, Paper Napkins, Paper Towels, Paper Doilies, Toilet Tissue, Bond Paper, Poster Paper, Tissue Paper, Corrugated Paper, News Print, Sales Books, Restaurant Cashier Checks, Envelopes, Mimeograph Paper, Gum Paper, Gum Tape (Paper), Bread Wraps, Meat Wraps, Delicatessen Paper, Fruit Wraps, Paper Frost Covers, Adding Machine Paper, Box Liners, Shirt Boards, Collar Supports, Florist Wax Paper, Lettuce Carte Liners, Cake Boards Made of Paper, "Cellophane", Glassine Sheets, Menu Paper, Toilet Seat Covers, Typewriter Paper, Tray Covers, Vegetable Parchment, Blotting Paper, Trouser Guards, Christmas Paper, and "Cellophane" Tape.
Claims use since February, 1922.

Ser. No. 402,271. PARROT SPEED FASTENER CORP., New York and Long Island City, N. Y. Filed Jan. 24, 1938.

Sky-Hy

For Paper Fasteners, Prongs for Paper Fasteners and Prong Extenders and Parts Thereof.
Claims use since Dec. 21, 1937.

Ser. No. 405,228. VELDOWN COMPANY, INC., New York, N. Y. Filed Apr. 13, 1938.

Handies

The words "Cleansing Tissues" are disclaimed apart from the mark.
For Cleansing Tissues.
Claims use since Mar. 7, 1938.

Ser. No. 405,229. VELDOWN COMPANY, INC., New York, N. Y. Filed Apr. 13, 1938.

Swank

The words "Cleansing Tissue Quality" are disclaimed apart from the mark.
For Toilet Tissue.
Claims use since Jan. 12, 1938.

Ser. No. 405,776. MELVIN T. KAFKA, New York, N. Y. Filed Apr. 27, 1938.

cello-jac

For Transparent Protective Cover for Jackets and Book Covers.
Claims use since Apr. 20, 1938.

Ser. No. 405,926. J. W. GRIFFIN, doing business as Atlanta Salesbook Company, Atlanta, Ga. Filed May 2, 1938.

A

For Salesbooks, Sales Slips, and Statements Made Up of Printed Forms.
Claims use since February, 1937.

Ser. No. 405,970. PICTOGRAF CORPORATION, Carson City, Nev., and Hollywood, Calif. Filed May 3, 1938.

PICTOGRAF Corporation

For Wood-Cased Lead Pencils, Mechanical Lead Pencils, and Folders, Envelopes, and Books to Contain the Same.
Claims use since Mar. 1, 1938.

Ser. No. 406,237. BEN MONT PAPERS, INC., Bennington, Vt. Filed May 12, 1938.

LAMILACQUE

For Coated Paper.
Claims use since Feb. 14, 1938.

Ser. No. 406,462. MID-STATES GUMMED PAPER CO., Chicago, Ill. Filed May 18, 1938.

ARROW

For Gummed Paper Tape.
Claims use since May 2, 1938.

CLASS 38

Prints and Publications

Ser. No. 387,612. PAN AMERICAN AIRWAYS, INC., New York, N. Y. Filed Jan. 8, 1937.

NEW HORIZONS

For Magazine Published at Regular Intervals.
Claims use since Feb. 20, 1936.

Ser. No. 400,710. CHRISTY WALSH, doing business as The Christy Walsh Management, New York, N. Y. Filed Dec. 10, 1937.

THE AMERICAN ACADEMY OF SPORT

The word "American" is disclaimed apart from the mark.
For Newspaper Articles.
Claims use since Nov. 21, 1937.

Ser. No. 400,981. GEORGE W. MCDONALD, doing business as National Benevolent Company, Tulsa, Okla. Filed Dec. 17, 1937.

N.B.C.

For Stamps of the Nature To Be Fixed in Albums.
Claims use since June 1, 1937.

Ser. No. 401,792. SIEBEL PUBLISHING COMPANY, Chicago, Ill. Filed Jan. 11, 1938.

The BREWERS DIGEST

For Periodical.
Claims use since Dec. 15, 1937.

Ser. No. 402,202. PHILADELPHIA DAILY NEWS, INC., Philadelphia, Pa. Filed Jan. 21, 1938.

CANDID EYE

For Section of a Newspaper.
Claims use since Jan. 3, 1938.

Ser. No. 402,369. FESHBACH & ACKERMAN FUR CORP., New York, N. Y. Filed Jan. 27, 1938.

CLICK

For Periodical Publication.
Claims use since September, 1937.

Ser. No. 404,994. JAMES LEES & SONS COMPANY, Bridgeport, Pa. Filed Apr. 7, 1938.

MINERVA
Stitches and Styles

For House Organ Issued Quarterly.
Claims use since Mar. 24, 1938.

Ser. No. 405,897. FRANK R. SALSINGER, Wyoming, Pa. Filed Apr. 30, 1938.

BRAIN BUSTER

For Series of Special Articles for Insertion and Publication in and by Newspapers and Periodicals.
Claims use since Mar. 31, 1938.

Ser. No. 406,225. PETROLEUM REGISTER CORPORATION, New York, N. Y. Filed May 11, 1938.

PETROLEUM EQUIPMENT

For Periodical Publication.
Claims use since Apr. 23, 1938.

Ser. No. 406,435. ATLAS PUBLISHING COMPANY, INC., New York, N. Y. Filed May 18, 1938.

RED BOOK
OF THE
Wine AND Liquor Trades

For Directory of the Wine and Liquor Trades Published From Time to Time.
Claims use since Jan. 22, 1936.

Ser. No. 406,480. UNITED FEATURE SYNDICATE, INC., New York, N. Y. Filed May 18, 1938.

NANCY

For Comic Drawings Published in a Series in Daily and Sunday Newspapers.
Claims use since Apr. 18, 1938.

Ser. No. 406,504. CURRENT IDEAS PUBLISHING COMPANY, Chicago, Ill. Filed May 19, 1938.

CURRENT IDEAS

For Periodical Publication.
Claims use since January, 1927.

Ser. No. 406,556. MARCHANT CALCULATING MACHINE COMPANY, Emeryville, Calif. Filed May 20, 1938.

Just Between Ourselves

For Trade Journal.
Claims use since Jan. 1, 1936.

Ser. No. 406,771. NORCROSS, New York, N. Y. Filed May 26, 1938.

PHOOEY

For Greeting Cards, Calendars, and Decorative Painted Tags.
Claims use since June 11, 1937.

CLASS 39

Clothing

Ser. No. 390,371. KROESEN MANUFACTURING CO., Long Beach, Calif. Filed Mar. 22, 1937.

MÉR-Made California SPORTSWEAR

The words "California Sportswear" are disclaimed apart from the mark.
For Sportswear—Namely, Slacks, Middies, Blouses, Shorts for Outer Wear, Overalls, Skirts for Outer Wear, Hiking Pants, Riding Pants, Culotte Skirts, and Sport Hats.
Claims use since Oct. 1, 1936.

Ser. No. 398,788. ARTCRAFT SILK HOSIERY MILLS, INC., Philadelphia, Pa. Filed Oct. 21, 1937.

Magic Top

The word "Top" is disclaimed apart from the mark.
For Women's Hosiery.
Claims use since July, 1933.

Ser. No. 400,774. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Dec. 13, 1937.



The word "Tweed" is disclaimed apart from the mark.
For Men's and Boys' Suits and Topcoats.
Claims use since Oct. 11, 1937.

Ser. No. 400,776. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Dec. 13, 1937.

SHORELAND
SHETLAND

The name "Shetland" is disclaimed apart from the mark.
For Men's and Boys' Suits and Topcoats.
Claims use since Oct. 11, 1937.

Ser. No. 400,777. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Dec. 13, 1937.

QUALITY TOWN
Worsteds

The words "Quality" and "Worsted" are disclaimed apart from the mark.
For Men's and Boys' Suits and Topcoats.
Claims use since Oct. 11, 1937.

Ser. No. 401,538. TROJAN MAID, INCORPORATED, New York, N. Y. Filed Jan. 4, 1938.

Snow White and the Seven Dwarfs
Trojan

For Children's Dresses and Boys' Suits Consisting of the Combination of a Pair of Pants and a Blouse.
Claims use since Nov. 5, 1937.

Ser. No. 401,944. THE PARSONS-FAULKNER CO. INC., Ashland, Ky. Filed Jan. 15, 1938.

kenton court CLOTHES
TAILORED FOR
PARSONS-FAULKNER

The words "Kenton", "Clothes", and "Tailored For" are disclaimed apart from the mark.
For Men's and Boys' Suits, Overcoats, Dress Shirts, Hats, and Pajamas.
Claims use since Aug. 25, 1937.

Ser. No. 402,218. FREEDMAN & COMPANY, Harrisburg, Pa. Filed Jan. 22, 1938.

NEPTUNE

For Hosiery, Underwear, Gloves of Leather and Fabric, Sweaters, Bathing Suits, and Fleeced Sweat Shirts, Polo Shirts, and Sport Coats for Men, Women, and Children.
Claims use since Sept. 23, 1921.

Ser. No. 402,298. JAY T. HUFF, Poughkeepsie, N. Y. Filed Jan. 25, 1938.

Thrift-Bilt

The word "Bilt" is disclaimed apart from the mark.
For Ladies' and Misses', Men's and Children's Shoes and Slippers Made of Leather, Fabric, or Combinations Thereof.
Claims use since Dec. 15, 1937.

Ser. No. 402,409. BOND STORES, INCORPORATED, New York, N. Y. Filed Jan. 28, 1938.

Student Lane

For Men's and Boys' Suits, Overcoats, Topcoats, Raincoats, Sportcoats, Mackinaws, Leather Jackets and Trousers, Hats, Sport Shirts, Dress Shirts, Underwear, Handkerchiefs, Socks, Sweaters, Neckties, and Scarfs.
Claims use since Jan. 13, 1938.

Ser. No. 402,686. THE H. D. LEE MERCANTILE COMPANY, Kansas City, Mo. Filed Feb. 4, 1938.



For Work Gloves of Fabric and Leather.
Claims use since Apr. 1, 1937.

Ser. No. 402,975. HOLEPROOF HOSIERY CO., Milwaukee, Wis. Filed Feb. 12, 1938.



For Corsets, Girdles, Gowns, Housecoats, Jackets, Pajamas, Playsuits, Robes, Shirts, Shorts, Slacks, Slippers Made of Cloth, Sunsuits, Swimming Suits, and Underwear for Women and Children.
Claims use since Jan. 26, 1938.

Ser. No. 404,305. GLOBE KNITTING WORKS, Grand Rapids, Mich. Filed Mar. 21, 1938.

Mo-ka-tex

The word "Mo-Ka" is disclaimed apart from the mark.
For Women's and Misses' Fabric Gloves.
Claims use since June, 1937.

Ser. No. 404,365. JACOB JAMPOLLER, New York, N. Y. Filed Mar. 22, 1938.



The drawing is lined for red.
For Men's and Women's Hats, Silk Neckties, Sport Clothing—Namely, Overcoats, Topcoats, Sweaters, Polo Shirts, Lumber Jacks, Pajamas, Lounging Robes, Bathing Suits, Caps, and Men's Outer Shirts and Underwear, and Shoes of Leather, Fabric, and Combinations Thereof.
Claims use since Sept. 10, 1937.

Ser. No. 404,731. STYLEPARK HATS, INC., Camden, N. J. Filed Mar. 31, 1938.



For Men's and Boys' Hats of Felt, Straw, and Straw Braid, Cloth Caps, Men's Silk Hats, and Felt and Straw Hats for Women and Children.
Claims use since May, 1932.

Ser. No. 404,975. AMERICAN MAID COMPANY, INC., Chicago, Ill. Filed Apr. 7, 1938.

SUEDE-GLO

The word "Suede" is disclaimed apart from the mark.
For Girls', Misses', and Women's Undergarments, Comprising Slips, Vests, Panties, Bloomers, Brassières and Underskirts Formed in One Piece and Known as Combinations, Gowns, Pajamas, and Brassières.
Claims use since Feb. 15, 1938.

Ser. No. 405,305. LOUIS J. MARKOWITZ, New York, N. Y. Filed Apr. 15, 1938.

NO EQUAL FOR WEAR

McCullough

PRODUCT

Applicant disclaims the words "No Equal for Wear", "Product", and "McCullough" apart from the mark.
For Men's and Boys' Outer and Under Shirts, Underwear, Ties, Pajamas, Hosiery.
Claims use since Jan. 1, 1936.

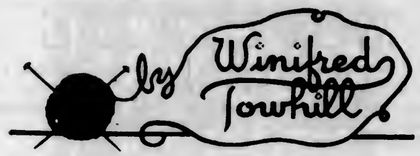
Ser. No. 405,389. HOLEPROOF HOSIERY CO., Milwaukee, Wis. Filed Apr. 18, 1938.

SHAD-O-BAR

Luxite

The word "Shad-O-Bar" is disclaimed apart from the mark.
For Underwear for Women.
Claims use since Mar. 31, 1938.

Ser. No. 405,625. WINIFRED A. TOWHILL, Melrose, Mass. Filed Apr. 22, 1938.



For Belts for Outer Wear, Sweaters, Sport Suits, and Jackets for Women and Children.
Claims use since March, 1937.

Ser. No. 405,925. GERALDINE HAT CO., INC., New York, N. Y. Filed May 2, 1938.

MOVIEQUEEN

Junior Fashions

No claim is made to the words "Junior Fashions" apart from the mark.
For Ladies', Misses', and Children's Hats.
Claims use since Dec. 15, 1937.

Ser. No. 406,039. WILLIAM N. SITTON, St. Louis, Mo. Filed May 5, 1938.

Shoe Style of the Month

No claim is made to the words "Shoe Style" apart from the mark.
For Women's Shoes of Leather, Fabric, and for Combinations of the Same.
Claims use since Apr. 13, 1938.

Ser. No. 406,087. ABRAHAM H. BLEICH, doing business as Bleich Dress Mfg. Co., Boston, Mass. Filed May 7, 1938.

Lady in Waiting

For Ladies' Maternity Dresses.
Claims use since Mar. 14, 1938.

Ser. No. 406,196. FRANKLIN SIMON & CO., INC., New York, N. Y. Filed May 10, 1938.

WEARMOOR

For Women's Hosiery.
Claims use since Apr. 11, 1938.

Ser. No. 406,317. WILLITS SHOE COMPANY, Halifax, Pa. Filed May 13, 1938.



For Shoes Made of Leather, Fabric, Rubber, and Combinations Thereof.
Claims use since Jan. 1, 1916.

Ser. No. 406,337. HORWITZ & DUBERMAN, New York, N. Y. Filed May 14, 1938.

Flicka Fashions

The word "Fashions" is disclaimed apart from the mark.
For Women's and Girls' Dresses, Jackets, and Coats Made of Silk, Cotton, Wool, Linen, Worsted, Rayon, "Celanese" and Acetate Cloths.
Claims use since Apr. 15, 1938.

Ser. No. 406,676. BUSCARLET GLOVE CO. INC., New York, N. Y. Filed May 24, 1938.

BOXLAV

For Leather Gloves.
Claims use since Jan. 4, 1938.

Ser. No. 406,681. HANDSCHIN & RONUS AKTIENGESELLSCHAFT, Liestal, Switzerland. Filed May 24, 1938.

Hanro

For Knitted and Woven Wearing Apparel of Wool, Cotton, Silk, Rayon, or Combinations Thereof for Men and Women—Namely, Dresses, Underwear, Pajamas, Hosiery.
Claims use since 1913.

Ser. No. 406,770. NEPTUNE MFG. CO., Louisville, Ky. Filed May 26, 1938.

THE Twinster

For Men's and Boys' Overcoats and Topcoats.
Claims use since Mar. 5, 1938.

Ser. No. 407,138. ROSE FREED, Los Angeles, Calif. Filed June 6, 1938.

R. F.
LEAFLETTE

For Ladies' Underwear.
Claims use since May 28, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 403,687. ARTHUR S. HEIMAN, New York, N. Y. Filed Mar. 4, 1938.

PC NO._____ YARDS _____ PATT._____ COLOR _____

FOURTH DIMENSION PRINTS

CHECK-TESTED and APPROVED

All wording except "Fourth Dimension" and "Hybrand" is disclaimed apart from the mark.
For Rayon Piece Goods.
Claims use since Aug. 27, 1937.

Ser. No. 405,915. COLONIAL TEXTILES, INC., New York, N. Y. Filed May 2, 1938.



THE ORIGINAL
Lily White
PURE AS CRYSTAL

No claim is made to the words "Lily White" and "Pure as Crystal" apart from the mark. The illustration is fanciful.
For Cheesecloth.
Claims use since November, 1924, for the name "Lily White"; since January 19, 1938, for entire mark.

Ser. No. 406,309. VELVERAY CORPORATION OF AMERICA, New York, N. Y. Filed May 13, 1938.

FELTONE

For Decorated, Printed, and Ornamented Knitted and Woven Textile Piece Goods, Which Piece Goods May be Crepe Goods, Flat Goods, or Pile Goods and May Consist of Cotton, Silk, Linen, Wool, or Mixtures Thereof.
Claims use since Dec. 7, 1937.

Ser. No. 406,311. VELVERAY CORPORATION OF AMERICA, New York, N. Y. Filed May 13, 1938.

Velverized

For Decorated, Printed, and Ornamented Knitted and Woven Textile Piece Goods, Which Piece Goods May be Crepe Goods, Flat Goods, or Pile Goods and May Consist of Cotton, Silk, Linen, Wool, or Mixtures Thereof.
Claims use since Jan. 6, 1938.

Ser. No. 406,312. VELVERAY CORPORATION OF AMERICA, New York, N. Y. Filed May 13, 1938.

WOVINTONE

For Decorated, Printed, and Ornamented Knitted and Woven Textile Piece Goods, Which Piece Goods May be Crepe Goods, Flat Goods, or Pile Goods and May Consist of Cotton, Silk, Linen, Wool, or Mixtures Thereof.
Claims use since Mar. 3, 1938.

Ser. No. 406,746. BEACON MANUFACTURING COMPANY, Swannanoa, N. C. Filed May 26, 1938.

The Derby

For Blankets Made Wholly of Cotton.
Claims use since Apr. 29, 1938.

Ser. No. 406,874. ONONDAGA SILK COMPANY, INC., New York, N. Y. Filed May 28, 1938.

Buclera

For Silk Piece Goods.
Claims use since May 19, 1938.

Ser. No. 406,877. PARKER, WILDER & CO., New York, N. Y. Filed May 28, 1938.

PARKONA

For Woolen Piece Goods.
Claims use since May 1, 1938.

Ser. No. 406,880. J. ROSENHOLZ INC., New York, N. Y. Filed May 28, 1938.

CLANSPUN

For Piece Goods Made Wholly or in Part of Acetate, Rayon, Spun Rayon, and Silk.
Claims use since May 1, 1938.

Ser. No. 406,981. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I. Filed June 1, 1938.

Dimpelora

For Fabrics in the Piece of Worsted Flannel, Cotton, Silk, Rayon, Wool, Linen, and/or Combinations Thereof.
Claims use since Mar. 1, 1938.

Ser. No. 407,062. HAROLD FABRICS, New York, N. Y. Filed June 3, 1938.

HAROLD FABRICS

Applicant disclaims the word "Fabric" apart from the mark.
For Piece Goods in Cotton, Linen, Wool, Rayon, and Silk, and Mixtures Thereof.
Claims use since May 5, 1938.

CLASS 43

Thread and Yarn

Ser. No. 377,501. EASTYARN, INC., Brooklyn, N. Y. Filed Apr. 22, 1936.



For Yarns.
Claims use since Feb. 14, 1918.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 390,953. EXCELLO HYGIENIC PRODUCTS CORPORATION, New York, N. Y., assignor, by mesne assignments, to Meyer Cohen, New York, N. Y. Filed Apr. 5, 1937.



SOVEREIGNS
'for those who discriminate'

The words "For Those Who Discriminate" are disclaimed apart from the mark.
For Prophylactic Rubber Articles Used for the Prevention of Contagious Diseases.
Claims use since Feb. 14, 1936.

Ser. No. 400,270. L. ROMAINE YOUNG, INC., Seattle, Wash. Filed Nov. 29, 1937.



The portrait is fanciful. No claim is made to the words "Denture Rebase" apart from the mark.
For Denture Rebases.
Claims use since Sept. 22, 1936.

Ser. No. 405,230. VELDOWN COMPANY, INC., New York, N. Y. Filed Apr. 13, 1938.

Veldown

For Catamenial Bandages.
Claims use since Mar. 4, 1938.

Ser. No. 406,385. LOVIE KARRANT, doing business as LO.K.-Manufacturing Co., Claremore, Okla. Filed May 16, 1938.

L.O.K.

For Catamenial Garments and More Particularly Such Garments as Are Known in the Trade as Sanitary Pants.
Claims use since Apr. 11, 1938.

Ser. No. 406,551. GOLDSMITH BROS., New York, N. Y. Filed May 20, 1938.

Verisan

For Sanitary Napkins.
Claims use since Mar. 14, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 407,258. BOSTONIA BEVERAGES, INC., doing business as Nine Grand Products Company, Natick, Mass. Filed June 9, 1938.

Nine Grand

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and for Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Jan. 25, 1938.

Ser. No. 407,329. RISING SUN BOTTLING WORKS, Philadephia, Pa. Filed June 10, 1938.

ZIP-UP

For Lemon Soda.
Claims use since April, 1938.

Ser. No. 407,399. VALENJU, INCORPORATED, Chicago, Ill. Filed June 11, 1938.

CHUKKER

For Nonalcoholic Beverages Sold as Soft Drinks, and Syrups, Extracts, and Concentrates Used in Making the Same.
Claims use since May 25, 1938.

Ser. No. 407,401. VALENJU, INCORPORATED, Chicago, Ill. Filed June 11, 1938.

RICHMORE

For Nonalcoholic Beverages Sold as Soft Drinks, and Syrups, Extracts, and Concentrates Used in Making the Same.
Claims use since May 25, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 373,421. LAMONT, CORLISS & COMPANY, New York, N. Y. Filed Jan. 7, 1936.

NESTLE'S
DELICIOUS
MILK
CHOCO ATE

No claim is made to the words "Delicious Milk Chocolate" apart from the mark.
For Prepared Edible Chocolate.
Claims use since Sept. 16, 1935.

Ser. No. 383,673. THOMAS L. CARROLL, doing business as The Modern Milk Products Co., Chicago, Ill. Filed Sept. 26, 1936.

RICHWIP

For Compound of Vegetable Oils and Skimmed Milk as a Food Product.
Claims use since July, 1936.

Ser. No. 385,093. GIMBEL BROTHERS, INC., New York, N. Y. Filed Nov. 3, 1936.

Tasty Town

For Eggs and Hams.
Claims use since Sept. 23, 1936.

Ser. No. 390,281. PEVELY DAIRY COMPANY, St. Louis, Mo. Filed Mar. 19, 1937.

Pevely
QUAKER STYLE

No claim is made to the words "Quaker Style" apart from the mark. The applicant is the owner of the following registrations: No. 303,337, Pevely Dairy Company, May 23, 1933; No. 333,284, Pevely Dairy Company, May 17, 1936, granted under the ten-year proviso.
For Cream Cheese.
Claims use since Feb. 28, 1927.

Ser. No. 391,902. AUBREY T. DALY, Washington, D. C. Filed Apr. 27, 1937.

Dalymaid
OLD TIME HOME-MADE
CANDIES

Applicant disclaims the words "Old Time Home Made Candies" apart from the mark.
For Candies.
Claims use since January, 1935.

Ser. No. 392,220. LAPP LABORATORIES, INCORPORATED, Nevada, Iowa. Filed May 3, 1937.

VACTO-LAC

The word "Lac" is disclaimed apart from the mark.
For Food Concentrate or Supplement Containing Minerals for Addition to Poultry, Hog, Calf, and Cattle Cereal Feeds.
Claims use since Nov. 2, 1935.

Ser. No. 392,506. STANDARD WHOLESALE GROCERY CO., Chicago, Ill. Filed May 8, 1937.

UNION PARK

For Canned Fruits, Canned Vegetables, Canned Fish, and Canned Fruit Juices for Food Purposes.
Claims use since February, 1928.

Ser. No. 392,678. EDMOND BULLIARD, doing business as Evangeline Pepper & Food Products, St. Martinville, La. Filed May 13, 1937.

A.C.

For Sauces for Use With Eggs, Chops, Meats, Bacon, Fish, Game, Salads, Poultry, Cheese, Etc.
Claims use since Dec. 1, 1935.

Ser. No. 392,686. GAROFALO BROS. CO., Chicago, Ill. Filed May 13, 1937.

Vicerè

For Canned Fruits and Canned Vegetables.
Claims use since Feb. 1, 1937.

Ser. No. 392,687. GAROFALO BROS. CO., Chicago, Ill. Filed May 13, 1937.

Viceroy

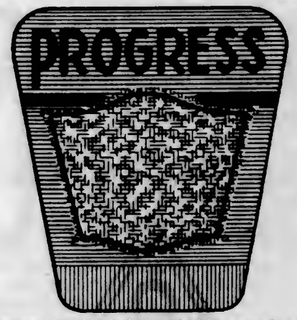
For Canned Fruits and Canned Vegetables.
Claims use since Feb. 1, 1937.

Ser. No. 394,130. DOUGHNUT CORPORATION OF AMERICA, New York, N. Y., also doing business as Fixt Products, Ellicott City, Md. Filed June 16, 1937.

MARK OF
TESTED QUALITY

Applicant disclaims the representation of the goods and the words "Mark of Tested Quality" apart from the mark.
For Prepared Flour for Bread, Waffles, Doughnuts, and Cake, for Doughnuts and for Cake.
Claims use since Apr. 17, 1937.

Ser. No. 396,485. HYMAN J. AROESTY, doing business as Aroesty Products, Rochester, N. Y. Filed Aug. 17, 1937.



The drawing is lined for red, blue, and yellow. The outline of the label is disclaimed.
For Fruit Jam.
Claims use since Sept. 1, 1933.

Ser. No. 397,485. PIOWATY BROS. INC., Chicago, Ill. Filed Sept. 16, 1937.



All words except "Tex" and "Piowaty Bros., Inc." are disclaimed apart from the mark.
For Fresh Citrus Fruits.
Claims use since December, 1934.

Ser. No. 397,967. FOREMOST DAIRIES, INC., Jacksonville, Fla. Filed Sept. 30, 1937.



The words "Ice Cream" and "Certified Formula" are disclaimed apart from the mark. The drawing is lined for red and blue.
For Ice Cream.
Claims use since Apr. 1, 1937.

Ser. No. 399,305. LEE COUNTY PACKING COMPANY, Fort Myers, Fla. Filed Nov. 4, 1937.

NATIONAL

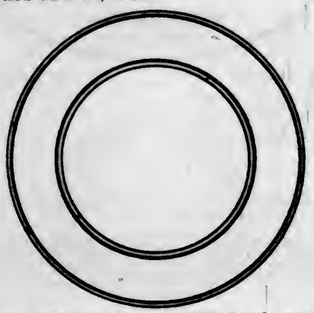
For Fresh Oranges, Lemons, Grapefruit, Limes, and Tangerines.
Claims use since April, 1917.

Ser. No. 399,728. OSKAR ROBINSON, Warsaw, Poland. Filed Nov. 13, 1937.



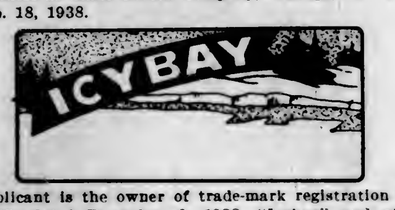
For Canned Ham and Canned Picnic Hams.
Claims use since 1922.

Ser. No. 401,764. CHURCH & DWIGHT CO. INC., New York, N. Y. Filed Jan. 11, 1938.



The mark consists of an annular band regardless of color.
For Baking Soda for Use as an Ingredient in the Preparation of Foods.
Claims use since 1869.

Ser. No. 403,175. THOMAS SLADE GORTON, JR., doing business as Slade Gorton Company, Chicago, Ill. Filed Feb. 18, 1938.



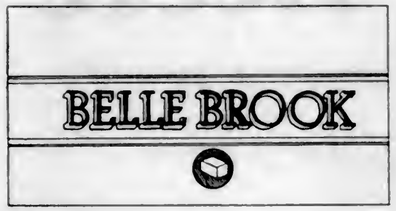
Applicant is the owner of trade-mark registration No. 299,405, dated December 6, 1932, "Icybay" and other features, for smoked herring.
For Fish—Particularly, Haddock Fillet, Fillet of Sole, Red Fish Fillet, Ocean Pike Fillet, Sliced Cod Fish, Sliced Sable, Sliced Salmon, Sliced Halibut, Sliced Catfish, Smoked Whiting, Smoked Kippered Smelts, Smoked Fillet, and Herring Sticks.
Claims use since July 15, 1929.

Ser. No. 403,677. CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Mar. 4, 1938.

Kre-mel
SURPRISE

For Preparation in Powdered Form; for Frostings, Fillings, Sauces, Fudge, and Ice Cream.
Claims use since Jan. 27, 1938.

Ser. No. 404,220. KOBACKER STORES, INC., TIEDTKE DIVISION, Toledo, Ohio. Filed Mar. 18, 1938.



For Butter.
Claims use since Jan. 1, 1910.

Ser. No. 404,562. ANTHONY CAIRO, doing business as Edith Cavell Candy Company, Chicago, Ill. Filed Mar. 28, 1938.

Edith Cavell's

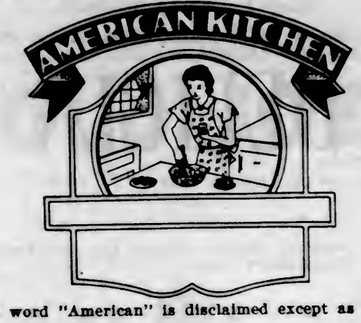
The name sought to be registered is that of the famous English nurse shot during the World War.
For Candy—Namely, Honey Flavored Nut Crisp and Chocolate Candies.
Claims use since Oct. 1, 1930.

Ser. No. 404,836. DESERT CITRUS PRODUCTS ASSOCIATION, Tempe, Ariz. Filed Apr. 4, 1938.

DESERT CHIEF

For Canned Citrus Fruit Juices for Food Purposes.
Claims use since January, 1938.

Ser. No. 404,951. NORTH AMERICAN FOOD CORPORATION, New York, N. Y. Filed Apr. 6, 1938.



The word "American" is disclaimed except as used in the mark.
For Mayonnaise, Salad Dressing, and Sandwich Spread.
Claims use since Nov. 29, 1937.

Ser. No. 405,500. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Apr. 20, 1938.

Soyalose-Grit

No claim is made to the word "Grit" apart from the mark.
For Soybean Grits Being a Granular Edible Soybean Product.
Claims use since Sept. 21, 1936.

Ser. No. 405,532. UNITED BISCUIT COMPANY, Chicago, Ill. Filed Apr. 20, 1938.

FLAME KISSED

For Zwieback.
Claims use since July 15, 1934.

Ser. No. 406,166. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y. Filed May 10, 1938.



No claim is made to the words "Golden Syrup" or to the representation of a label. The drawing is lined for blue.
For Corn Syrup.
Claims use since Dec. 31, 1937.

Ser. No. 406,299. MORENO BROS., INC., Los Angeles, Calif. Filed May 13, 1938.

Orabella

For Fresh Deciduous Fruits, Fresh Citrus Fruits, Fresh Vegetables, Fresh Melons, and Canned Olive Oil.
Claims use since May 5, 1938.

Ser. No. 406,390. PAT LOGSTON, doing business as Southern Cooperative Canneries, Los Angeles, Calif. Filed May 16, 1938.

Triple Treat

For Canned Fruits, Canned Vegetables, Canned Hominy, Canned Beans with Pork, and Jellies.
Claims use since May 3, 1938.

Ser. No. 406,559. MORSE & SKINNER, Lodi, Calif. Filed May 20, 1938.

Emerald Bay

For Fresh Grapes.
Claims use since 1929.

Ser. No. 406,732. RICHEY & GILBERT COMPANY, Yakima, Wash. Filed May 25, 1938.



No claim is made to the representation of the fruit.
For Fresh Deciduous Fruits.
Claims use since May 14, 1937.

Ser. No. 406,745. BAY STATE MILLING CO., Winona, Minn. Filed May 26, 1938.

"OLD DOC"

For Rye Flour and Rye Meal.
Claims use since Jan. 28, 1925.

Ser. No. 406,893. WALKER & SELLERS, Tampa, Fla. Filed May 28, 1938.

VITATESTED

For Fruit Juices for Food Purposes.
Claims use since Apr. 2, 1938.

Ser. No. 406,894. WALKER & SELLERS, Tampa, Fla. Filed May 28, 1938.

VITACERTIFIED

For Fruit Juices for Food Purposes.
Claims use since Apr. 2, 1938.

Ser. No. 406,946. MAURICE SHER, doing business as The Glass Bowl, Columbus, Ohio. Filed May 31, 1938.

THE GLASS BOWL

For Coffee.
Claims use since Jan. 5, 1938.

Ser. No. 406,959. ANTHONY CIAMPA, Bolivar, N. Y. Filed June 1, 1938.

ITASA

For Italian Spaghetti Sauce.
Claims use since Apr. 25, 1938.

Ser. No. 407,133. CORONA FOOTHILL LEMON COMPANY, Corona, Calif. Filed June 6, 1938.

PROGRESSIVE

For Fresh Citrus Fruit.
Claims use since 1915.

Ser. No. 407,135. D'ARRIGO BROS. COMPANY, San Jose, Calif. Filed June 6, 1938.

ANDY BOY

For Fresh Vegetables, Fresh Deciduous Fruits, Fresh Citrus Fruits, Canned Fruits, and Canned Vegetables.
Claims use since July, 1928, on fresh fruits and vegetables; and since April, 1938, on canned fruits and vegetables.

CLASS 47

Wines

Ser. No. 405,138. SUNNY HILLS WINERIES, INC., Chicago, Ill. Filed Apr. 11, 1938.

DELICIA

For Wines.
Claims use since Feb. 10, 1938.

Ser. No. 406,099. QUALITY BRANDS, INC., San Francisco, Calif. Filed May 7, 1938.



The drawing is lined for red and gold.
For Wines.
Claims use since Aug. 23, 1937.

Ser. No. 406,270. GEFFEN INDUSTRIES, INC., Long Island City, N. Y. Filed May 13, 1938.

BLACKBERRO

For Wines.
Claims use since Apr. 15, 1938.

CLASS 48

Malt Beverages and Liquors

Ser. No. 407,551. THE LANCASTER BREWING COMPANY, Lancaster, Ohio. Filed June 16, 1938.

Old

KILBURGER

BEER

The word "Beer" is not claimed apart from the mark.
For Beer.
Claims use since Apr. 18, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 367,937. OLD JOE DISTILLING COMPANY, Lawrenceburg, Ky. Filed Aug. 2, 1935.

OLD JOE

For Whiskeys.
Claims use since 1818.

Ser. No. 403,013. MISSION DRY CORPORATION, Los Angeles, Calif. Filed Feb. 14, 1938.

Mission
Dry

The word "Dry" is disclaimed apart from the mark.
For Gin and Sloe Gin.
Claims use since Oct. 16, 1933.

Ser. No. 406,234. TRAIN & MCINTYRE, LIMITED, Glasgow, Scotland. Filed May 11, 1938.

VETERAN

For Whisky.
Claims use since Jan. 16, 1919.

Ser. No. 406,963. THE DISTILLERS COMPANY, LIMITED, Linden, N. J., and New York, N. Y. Filed June 1, 1938.



For Gin.
Claims use since May 12, 1936.

Ser. No. 407,259. BROWN-FORMAN DISTILLERY COMPANY, Louisville, Ky. Filed June 9, 1938.

1870

For Whiskey.
Claims use since May 13, 1938.

Ser. No. 407,851. R. L. BUSE COMPANY INCORPORATED, Cincinnati, Ohio. Filed June 24, 1938.



For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since April 2, 1935.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 391,823. THE OSMO GARDEN COMPANY, Philadelphia, Pa. Filed Apr. 24, 1937.

OSMO GROBLOX

For Sterile Medium Made of Sand, Charcoal, and Leather Fibre to Facilitate the Growth of Seeds, Cuttings, and Seedlings.
Claims use since Aug. 10, 1936.

Ser. No. 403,971. W. L. STENSGAARD & ASSOCIATES, INC., Chicago, Ill. Filed Mar. 11, 1938.

min-EVENT

For Advertising Figures, Devices, and Display Settings.
Claims use since Oct. 1, 1937.

Ser. No. 406,266. RALPH W. WILSON COMPANY, INC., New York, N. Y. Filed May 12, 1938.

"Glider"

For Caps for Receptacles.
Claims use since Apr. 15, 1938.

Ser. No. 406,411. AKTIESELSKABET BING & GRØNDAHLS PORCELLÆNSFABRIK, Copenhagen, Denmark. Filed May 17, 1938.

B&G KJØBENHAVN

B&G

No claim is made to the word "Kjobenhavn" apart from the mark.

For Art Porcelain and Stoneware Figures of Humans and Animals.

Claims use since Dec. 12, 1907.

Ser. No. 406,525. PROTEX PRODUCTS CO., INC., Jersey City, N. J. Filed May 19, 1938.

KLIXON

For Garment Hanger Protectors and Trousers and Pants Guards.

Claims use since Dec. 26, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JULY 26, 1938

358,729. LADIES' HATS, CAPS, AND BONNETS. JOSEPH HOSENBALL, New York, N. Y.
Filed June 12, 1937. Serial No. 393,985. PUBLISHED MAY 10, 1938. Class 39.

358,730. CHEESE. WILLIAM FAEHNDRICH, INC., New York, N. Y.
Filed June 14, 1937. Serial No. 394,030. PUBLISHED MAY 17, 1938. Class 46.

358,731. CHALICES, CIBORIA, OSTENSORIA, CANDLESTICKS, AND CANDELABRA, MADE IN WHOLE OR IN PART OF PRECIOUS METALS OR PLATED WITH THE SAME. BENZIGER BROTHERS, New York, N. Y.
Filed June 18, 1937. Serial No. 394,218. PUBLISHED APRIL 19, 1938. Class 28.

358,732. SOAP. BEBE LINA HADDAD, doing business as The Wyp-A-Way Soap Co., Cleveland, Ohio.
Filed June 29, 1937. Serial No. 394,663. PUBLISHED MAY 17, 1938. Class 4.

358,733. TEXTBOOKS, PRINTED INSTRUCTION COURSES RELATING TO TELEVISION TRANSMISSION AND RECEPTION, AND IDENTIFICATION CARDS. NATIONAL RADIO INSTITUTE, Washington, D. C.
Filed July 23, 1937. Serial No. 395,600. PUBLISHED APRIL 12, 1938. Class 38.

358,734. IRON COMPOUND IN THE FORM OF A DRY POWDER USED TO REPAIR DEFECTS AND BREAKS IN AND MAKE PATCHES ON IRON AND OTHER METALLIC SUBSTANCES, TO MAKE METALLIC JOINTS, AND TO COVER METALLIC SURFACES. SMOOTH-ON MANUFACTURING COMPANY, Jersey City, N. J.
Filed July 29, 1937. Serial No. 395,771. PUBLISHED MAY 3, 1938. Class 12.

358,735. FOOTWEAR—NAMELY, LADIES' SHOES, SLIPPERS, AND SANDALS, MADE WITH LEATHER OR FABRIC OR COMBINATIONS OF LEATHER AND FABRIC. CUTLER SHOE COMPANY, INC., Chicago, Ill.
Filed August 2, 1937. Serial No. 395,905. PUBLISHED MAY 10, 1938. Class 39.

358,736. PORTLAND CEMENT. DALMATIA PORTLAND CEMENT WORKS COMPANY LTD., Castel Cuciuraz, Yugoslavia.
Filed August 2, 1937. Serial No. 395,907. PUBLISHED APRIL 19, 1938. Class 12.

358,737. REGISTER FOR USE IN CONJUNCTION WITH AN INDIVIDUAL TELEPHONE FOR RECORDING THE TAXES WHEN OPERATING SAID TELEPHONE. "SODECO" SOCIÉTÉ DES COMPTEURS DE GENÈVE, Geneva, Switzerland.
Filed August 9, 1937. Serial No. 396,208. PUBLISHED MAY 17, 1938. Class 26.

358,738. DIAPERS MADE WHOLLY OF TEXTILE MATERIAL. THE KENDALL COMPANY, Walpole, Mass.
Filed August 21, 1937. Serial No. 396,636. PUBLISHED APRIL 26, 1938. Class 39.

358,739. POSTAGE STAMPS FOR COLLECTORS, PAMPHLETS, PAGES, OR OTHER PRINTED MATERIALS CONTAINING INFORMATION CONCERNING POSTAGE STAMPS PUBLISHED FROM TIME TO TIME AND ALBUMS OR THE LIKE FOR POSTAGE STAMPS. EDWARD E. FREE, New York, N. Y.
Filed August 24, 1937. Serial No. 396,713. PUBLISHED APRIL 12, 1938. Class 38.

358,740. SMOKING TOBACCO, INCLUDING CIGARS, CIGARETTES, AND PIPE TOBACCO. BREWSTER CIGAR CO., Seattle, Wash.
Filed August 28, 1937. Serial No. 396,975. PUBLISHED MAY 17, 1938. Class 17.

358,741. CORSET STAYS. WAUNETTA PICKENS, North Hollywood, Calif.
Filed September 1, 1937. Serial No. 397,002. PUBLISHED APRIL 19, 1938. Class 40.

358,742. PAPER HANDKERCHIEFS. NATIONAL CELLULOSE CORPORATION, New York, N. Y.
Filed September 11, 1937. Serial No. 397,342. PUBLISHED MAY 17, 1938. Class 37.

358,743. MEN'S, WOMEN'S, AND CHILDREN'S SHOES, SLIPPERS, AND SANDALS MADE OF LEATHER, IMITATION LEATHER, RUBBER, FABRIC, AND COMBINATIONS OF SAID MATERIALS. CHARING CROSS SHOES, LTD., New York, N. Y.
Filed September 15, 1937. Serial No. 397,434. PUBLISHED MARCH 15, 1938. Class 39.

358,744. OFFICIAL PUBLICATION. THE AUTOMOBILE CLUB OF MARYLAND, Baltimore, Md.
Filed September 18, 1937. Serial No. 397,527. PUBLISHED MAY 10, 1938. Class 38.

358,745. ELECTRICAL SURGE ARRESTERS AND PARTS THEREOF. JAMES R. KEARNEY CORPORATION, St. Louis, Mo.
Filed September 20, 1937. Serial No. 397,580. PUBLISHED MAY 17, 1938. Class 21.

358,746. WALL COVERING MATERIALS IN THE FORM OF SHEETS OF SUFFICIENT THICKNESS TO MAINTAIN A COMPARATIVELY STIFF STRUCTURE SIMILAR TO PRESSED FIBRE BOARD OR WALL BOARD INCLUDING BLOCK AND TILE SIMULATIONS, MARBLE SIMULATIONS, AND COLORED AND PLAIN WALL COVERING MATERIAL, AND COATINGS FOR GENERAL USE. BAK-A-NAMEL, INC., Los Angeles, Calif.
Filed September 21, 1937. Serial No. 397,604. PUBLISHED MAY 17, 1938. Class 12.

358,747. SERIES OF CARTOONS. WALT DISNEY PRODUCTIONS, LTD., Los Angeles, Calif.
Filed September 27, 1937. Serial No. 397,887. PUBLISHED MAY 3, 1938. Class 38.

358,748. PREPARED FOOD PRODUCTS—NAMELY, MACARONI, COOKED SPAGHETTI, SPAGHETTI SAUCE, AND COTTON SEED OIL FOR FOOD PURPOSES. RIVERBANK CANNING COMPANY, Riverbank, Calif.
Filed October 4, 1937. Serial No. 398,129. PUBLISHED MAY 17, 1938. Class 46.

358,749. CANDLES. ANGELO PRODUCTS COMPANY, Stamford, Conn.
Filed October 9, 1937. Serial No. 398,304. PUBLISHED APRIL 19, 1938. Class 15.

358,750. HOLLANDAISE SAUCE. SIGRID BREITHOLTZ, New York, N. Y.
Filed October 16, 1937. Serial No. 398,651. PUBLISHED MAY 17, 1938. Class 46.

358,751. COMBS MADE OF HARD RUBBER. NEW YORK HAMBURGER GUMMI-WAAREN COMPAGNIE, Hamburg, Germany.
Filed October 27, 1937. Serial No. 399,005. PUBLISHED APRIL 26, 1938. Class 40.

358,752. SMOKERS' PIPES. ALFRED DUNHILL OF LONDON, INC., New York, N. Y.
Filed October 28, 1937. Serial No. 399,039. PUBLISHED MAY 17, 1938. Class 8.

358,753. WRITING PAPER, PRINTING PAPER, BOND PAPER, AND ENVELOPES. NATION WIDE PAPERS, INC., Chicago, Ill.
Filed November 4, 1937. Serial No. 399,317. PUBLISHED MAY 17, 1938. Class 37.

358,754. PRINTED LABELS, PRINTED FOLDERS, CALENDARS, ALMANACS, PROGRAMMES. MAX HÄSSLER, Buenos Aires, Argentina.
Filed November 5, 1937. Serial No. 399,355. PUBLISHED APRIL 12, 1938. Class 38.

358,755. GASOLINE. RESOLUTE OIL CORPORATION, Great Falls, Mont.
Filed November 8, 1937. Serial No. 399,476. PUBLISHED APRIL 19, 1938. Class 15.

358,756. BOARD GAME PLAYED WITH MOVABLE PIECES. PARKER BROTHERS INC., Portland, Maine, and Salem, Mass.
Filed November 10, 1937. Serial No. 399,568. PUBLISHED MAY 17, 1938. Class 22.

358,757. PLYWOODS. "LA BRUXELLOISE DES CONTREPLAQUES", SOCIETE ANONYME, Haren-Nord, Brussels, Belgium.
Filed November 11, 1937. Serial No. 399,612. PUBLISHED MAY 3, 1938. Class 12.

358,758. LADIES', MISSES', AND CHILDREN'S OUTERGARMENTS — NAMELY, DRESSES, COATS, SUITS, SKIRTS, BLOUSES, GOWNS, SWEATERS, BATHING SUITS, BEACH ROBES, ETC. DOROTHY COUTEAUR, New York, N. Y.
Filed November 12, 1937. Serial No. 399,648. PUBLISHED MAY 17, 1938. Class 39.

358,759. FRESH ORANGES, LEMONS, GRAPEFRUIT, LIMES, AND TANGERINES. LEE COUNTY PACKING COMPANY, Fort Myers, Fla.
Filed November 12, 1937. Serial No. 399,667. PUBLISHED JANUARY 4, 1938. Class 46.

358,760. WOMEN'S AND CHILDREN'S HATS AND HAT BODIES. MERRIMAC HAT CORPORATION, New York, N. Y.
Filed November 15, 1937. Serial No. 399,771. PUBLISHED APRIL 19, 1938. Class 39.

358,761. TABLE COVERS MADE OF PAPER, SHELVING COVERS MADE OF PAPER, SHELF EDGINGS MADE OF PAPER, WALLPAPER, TABLE RUNNERS MADE OF PAPER, AND WRAPPING PAPER. KARL TORSTEN SIGURD EINAR ENGBLAD, doing business as Engblads Tapet-fabrik, Gothenburg, Sweden.
Filed November 17, 1937. Serial No. 399,831. PUBLISHED MAY 17, 1938. Class 37.

358,762. METAL AND SILVER POLISH. KWIK PRODUCTS COMPANY, San Antonio, Tex.
Filed June 12, 1934. Serial No. 352,586. PUBLISHED MAY 17, 1938. Class 4.

358,763. HOLLOW TILE CONDUIT SECTIONS FOR THE CONSTRUCTION OF UNDERGROUND CONDUITS FOR STEAM AND HOT WATER PIPES. AMERICAN DISTRICT STEAM COMPANY, North Tonawanda, N. Y.
Filed December 4, 1934. Serial No. 358,870. PUBLISHED APRIL 26, 1938. Class 12.

358,764. CHICKEN NOODLES, SAUCE—NAMELY, A BLEND OF TOMATO AND SWEET PICKLE RELISH, TO WHICH IS ADDED A NUMBER OF SPICES INCLUDING PEPPER, MACE, THYME, WORCESTERSHIRE SAUCE, AND CHILI SAUCE—AND CHILI. BROOME'S, INCORPORATED, Seattle, Wash.
Filed January 19, 1935. Serial No. 360,430. PUBLISHED MAY 17, 1938. Class 46.

358,765. MEN'S AND BOYS' SUITS, UNDERWEAR FOR MEN AND WOMEN OF KNITTED AND TEXTILE MATERIAL, HOSIERY, SHOES MADE OF LEATHER, RUBBER, AND FABRIC FOR MEN AND WOMEN, DRESSES FOR THE USE OF WOMEN AND CHILDREN, BLOOMERS, PANTIES, PAJAMAS, BATHING SUITS, ROMPERS, BRASSIÈRES, HATS FOR THE USE OF CHILDREN, LADIES' HATS, WOMEN'S STEP-INS SUCH AS CORSETS AND UNDERDRAWERS, PANTALETS, AND DRAWERS, RUNNING SUITS, GYMNASIUM SUITS, KNICKERS FOR THE USE OF WOMEN AND CHILDREN, CREEPERS, CHILDREN'S UNDERWEAR OF TEXTILE AND KNITTED MATERIAL, BONNETS, GLOVES MADE OF LEATHER AND FABRIC, CHILDREN'S SUITS, COATS, AND SWEATERS. BLOSSOM PRODUCTS CORPORATION, Allentown, Pa., assignor to Reconstruction Finance Corporation, Philadelphia, Pa.
Filed January 2, 1936. Serial No. 373,246. PUBLISHED MARCH 17, 1936. Class 39.

358,766. MEN'S AND BOYS' SUITS, UNDERWEAR FOR MEN, WOMEN, AND CHILDREN OF KNITTED AND TEXTILE MATERIAL, HOSIERY, SHOES MADE OF LEATHER OR FABRIC FOR MEN, WOMEN, AND CHILDREN, ETC. BLOSSOM PRODUCTS CORPORATION, Allentown, Pa., assignor to Reconstruction Finance Corporation, Philadelphia, Pa.
Filed January 16, 1936. Serial No. 373,718. PUBLISHED APRIL 7, 1936. Class 39.

358,767. NECKTIES. H. C. COHN & Co., Rochester, N. Y.
Filed May 7, 1936. Serial No. 378,131. PUBLISHED MARCH 9, 1937. Class 39.

358,768. WOMEN'S HATS. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed September 10, 1936. Serial No. 383,107. PUBLISHED MAY 17, 1938. Class 39.

358,769. SHOE SOLES AND SHOE HEELS. THE S & K RUBBER COMPANY, Lima, Ohio.
Filed September 14, 1936. Serial No. 383,228. PUBLISHED APRIL 19, 1938. Class 39.

358,770. BATHING CAPS. I. B. KLEINERT RUBBER COMPANY, New York, N. Y.
Filed November 27, 1936. Serial No. 386,033. PUBLISHED APRIL 19, 1938. Class 39.

358,771. PIECE GOODS OF COTTON, COTTON MIXTURE, WOOL, AND RAYON. THURSTON COTTING CORPORATION, New York, N. Y.
Filed December 15, 1936. Serial No. 386,781. PUBLISHED MAY 17, 1938. Class 42.

358,772. MANICURE AND PEDICURE NIPPERS. H. BOKER & Co., INC., New York, N. Y.
Filed January 2, 1937. Serial No. 387,371. PUBLISHED MAY 24, 1938. Class 44.

358,773. DAILY NEWSPAPER. FINANCIAL GUIDE PUBLISHING CORPORATION, New York, N. Y.
Filed February 2, 1937. Serial No. 388,440. PUBLISHED MAY 3, 1938. Class 38.

358,774. SERIES OF CARTOONS. CHICAGO TRIBUNE-NEW YORK NEWS SYNDICATE, INC., New York, N. Y.
Filed February 15, 1937. Serial No. 388,901. PUBLISHED MAY 10, 1938. Class 38.

358,775. WOMEN'S AND CHILDREN'S DRESSES. HANNY PIERINGER, Forest Hills, N. Y.
Filed March 3, 1937. Serial No. 389,619. PUBLISHED MAY 25, 1937. Class 39.

358,776. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & Co. INC., New York, N. Y.
Filed March 19, 1937. Serial No. 390,261. PUBLISHED MAY 17, 1938. Class 42.

358,777. CANNED AND PRESERVED FOODS SPECIFICALLY LEMON JELLY. E. K. FRISBIE, La Jolla, Calif.
Filed March 22, 1937. Serial No. 390,361. PUBLISHED MAY 17, 1938. Class 46.

358,778. OVERHEAD AND UNDERGROUND ELECTRIC LINE EQUIPMENT—NAMELY, ELECTRICAL CONNECTORS, LIGHTNING AND SURGE ARRESTERS, ELECTRICAL CLAMPS, GROUNDERS, ELECTRICAL SWITCHES AND PARTS THEREOF, FUSE LINKS, DROP WIRE GRIPS, WIRE HOLDERS, AND ELECTRICAL CUTOUTS, AND PARTS THEREOF. JAMES R. KEARNEY CORPORATION, St. Louis, Mo.
Filed March 22, 1937. Serial No. 390,368. PUBLISHED MAY 17, 1938. Class 21.

358,779. TOYS—NAMELY, WHEELED TOYS. WILLIAM G. RANNEY, Pittsburgh, Pa.
Filed March 29, 1937. Serial No. 390,669. PUBLISHED MAY 17, 1938. Class 22.

358,780. INDOOR GOLF GAMES. THOMAS WILLIAMS, Charleston, W. Va.
Filed March 29, 1937. Serial No. 390,680. PUBLISHED MAY 17, 1938. Class 22.

358,781. MEN'S JACKETS, COATS, TROUSERS, BREECHES, SHORTS FOR OUTER WEAR, CAPS, HATS, AND HELMETS, AND WOMEN'S COATS, SKIRTS FOR OUTER WEAR, TROUSERS, BREECHES, AND HATS. ABERCROMBIE & FITCH COMPANY, New York, N. Y.
Filed April 1, 1937. Serial No. 390,769. PUBLISHED AUGUST 10, 1937. Class 39.

358,782. MEN'S AND BOYS' SUITS, OVERCOATS, HATS; LEATHER, RUBBER, AND FABRIC SHOES; RAINCOATS; NEGLIGEE AND SPORT SHIRTS; COLLARS, NECKTIES, AND HOSIERY. ROGERS PEET COMPANY, New York, N. Y.
Filed April 30, 1937. Serial No. 392,106. PUBLISHED DECEMBER 7, 1937. Class 39.

358,783. MAGAZINES ISSUED MONTHLY AND ALSO FOR BOOKS RELATING TO ART SUBJECTS AND REPRODUCTIONS OF PAINTINGS, DRAWINGS, AND ENGRAVINGS. THE STUDIO PUBLICATIONS, INC., New York, N. Y.
Filed June 3, 1937. Serial No. 393,623. PUBLISHED APRIL 19, 1938. Class 38.

358,784. CULTURED PEARLS SOLD AS SUCH. CROWN PEARL AND GEM, INC., New York, N. Y.
Filed June 5, 1937. Serial No. 393,701. PUBLISHED APRIL 26, 1938. Class 28.

358,785. TRANSFORMER OIL—I. E., OIL USED WITH OIL-IMMERSED TRANSFORMERS. THE STANDARD TRANSFORMER COMPANY, Warren, Ohio.
Filed June 9, 1937. Serial No. 393,878. PUBLISHED APRIL 12, 1938. Class 15.

358,786. NURSERY SETS, EACH INCLUDING A PLURALITY OF JARS AND A HOLDER THEREFOR. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio.
Filed November 22, 1937. Serial No. 400,022. PUBLISHED MAY 17, 1938. Class 2.

358,787. READY MIXED PAINTS, VARNISHES, AND PAINT ENAMELS. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind.
Filed November 24, 1937. Serial No. 400,119. PUBLISHED FEBRUARY 1, 1938. Class 16.

358,788. FABRICS IN THE PIECE OF WOOL, COTTON, SILK, RAYON, AND/OR COMBINATIONS THEREOF. FRED BUTTERFIELD & Co., INC., New York, N. Y.
Filed November 27, 1937. Serial No. 400,187. PUBLISHED MAY 17, 1938. Class 42.

358,789. DOLLS. TOY CREATIONS, INC., Jersey City, N. J.
Filed December 6, 1937. Serial No. 400,539. PUBLISHED MAY 17, 1938. Class 22.

358,790. SUSPENDER CLIPS FOR ATTACHING SUSPENDERS TO TROUSERS. A. STEIN & COMPANY, Chicago, Ill.
Filed December 8, 1937. Serial No. 400,619. PUBLISHED APRIL 26, 1938. Class 40.

358,791. CHILDREN'S AND GROWING GIRLS' SHOES MADE OF LEATHER AND FABRIC. THE JULIAN AND KOKENGE CO., Columbus, Ohio.
Filed December 9, 1937. Serial No. 400,647. PUBLISHED MAY 17, 1938. Class 39.

358,792. PRECIOUS METAL JEWELRY FOR PERSONAL WEAR AND ADORNMENT, NOT INCLUDING WATCHES. W. E. RICHARDS COMPANY, Attleboro, Mass.
Filed December 10, 1937. Serial No. 400,702. PUBLISHED APRIL 12, 1938. Class 28.

358,793. PERIODICAL PUBLISHED FROM TIME TO TIME. HOUSE & KITCHEN PUBLISHING CO., Washington, D. C., assignor to Russell Sheik, Washington, D. C.
Filed December 11, 1937. Serial No. 400,729. PUBLISHED APRIL 19, 1938. Class 38.

358,794. PICTURES AND PORTRAITS ON METAL. SHELDON H. WALDRON, doing business as The Imperishable Art Company, Taunton, Mass.
Filed December 11, 1937. Serial No. 400,739. PUBLISHED MAY 17, 1938. Class 50.

358,795. SHELLED AND UNSHELLED NUTS. MITCHEL BECK COMPANY, New York, N. Y.
Filed December 13, 1937. Serial No. 400,784. PUBLISHED FEBRUARY 8, 1938. Class 46.

358,796. JEWELED CLIPS, PINS, BRACELETS, AND BUCKLES. STAR NOVELTY JEWELRY CO., INC., Chicago, Ill.
Filed December 13, 1937. Serial No. 400,802. PUBLISHED APRIL 26, 1938. Class 28.

358,797. MEN'S, BOYS', AND CHILDREN'S WEARING APPAREL—NAMELY, SUITS, OVERCOATS, RAINCOATS, TOPCOATS, ETC. BROWNING, KING & CO. OF NEW YORK, INC., New York and Brooklyn, N. Y.
Filed December 14, 1937. Serial No. 400,827. PUBLISHED MAY 10, 1938. Class 39.

358,798. MEN'S, BOYS', AND CHILDREN'S WEARING APPAREL—NAMELY, SUITS, OVERCOATS, RAINCOATS, TOPCOATS, PANTS, KNICKERS, SLACKS, ETC. BROWNING, KING & CO. OF NEW YORK, INC., New York and Brooklyn, N. Y.
Filed December 14, 1937. Serial No. 400,828. PUBLISHED MAY 10, 1938. Class 39.

358,799. COAL. BELL & ZOLLER COAL COMPANY, Chicago, Ill.
Filed December 16, 1937. Serial No. 400,901. PUBLISHED MAY 17, 1938. Class 1.

358,800. ELECTRIC FUSE PLUGS. EAGLE ELECTRIC MFG. CO. INC., Brooklyn, N. Y.
Filed December 17, 1937. Serial No. 400,951. PUBLISHED MAY 17, 1938. Class 21.

358,801. PERIODICALS PUBLISHED FROM TIME TO TIME, CATALOGUES, AND BOOKLETS. THE GRADUATE SCHOOL OF BANKING, New York, N. Y.
Filed December 21, 1937. Serial No. 401,109. PUBLISHED APRIL 26, 1938. Class 38.

358,802. HORSE RACE CHARTS. EDWARD ROSENBAUM, doing business as Racegraph Publishing Co., Brooklyn, N. Y.
Filed December 23, 1937. Serial No. 401,196. PUBLISHED APRIL 12, 1938. Class 38.

358,803. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed December 27, 1937. Serial No. 401,266. PUBLISHED MAY 17, 1938. Class 38.

358,804. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed December 27, 1937. Serial No. 401,268. PUBLISHED APRIL 12, 1938. Class 38.

358,805. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed December 27, 1937. Serial No. 401,269. PUBLISHED APRIL 12, 1938. Class 38.

358,806. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed December 27, 1937. Serial No. 401,270. PUBLISHED APRIL 26, 1938. Class 38.

358,807. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed December 27, 1937. Serial No. 401,271. PUBLISHED MAY 3, 1938. Class 38.

358,808. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed December 28, 1937. Serial No. 401,312. PUBLISHED MAY 17, 1938. Class 46.

358,809. LADIES' WEARING APPAREL—NAMELY, CORSETS, GIRDLES, BRASSIÈRES, BANDEAUX, VESTS, CORSET WAISTS, DIAPHRAGM CONFINERS, GIRDLE STEP-INS, PANTIE GIRDLES, ETC. AMERICAN LADY CORSET CO., Detroit, Mich.
Filed December 27, 1937. Serial No. 401,324. PUBLISHED APRIL 26, 1938. Class 39.

358,810. SILVERPLATED FLATWARE, INCLUDING SILVERPLATED CUTLERY. ONEIDA LTD., Sherrill and Oneida, N. Y., and Northampton, Mass.
Filed December 29, 1937. Serial No. 401,349. PUBLISHED MAY 17, 1938. Class 28.

358,811. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed January 3, 1938. Serial No. 401,494. PUBLISHED APRIL 12, 1938. Class 38.

358,812. MASONRY AND PORTLAND CEMENT. GULF PORTLAND CEMENT COMPANY, Houston, Tex.
Filed January 4, 1938. Serial No. 401,529. PUBLISHED MAY 3, 1938. Class 12.

358,813. CROCHET HOOKS FOR HAND USE WHETHER OF ORDINARY METAL OR MADE WHOLLY OR PRINCIPALLY OF WOOD, BONE, IVORY, HORN, SYNTHETIC RESIN, OR SIMILAR MOULDING COMPOSITION. THE ENGLISH NEEDLE & FISHING TACKLE COMPANY LIMITED, Studley, England.
Filed January 5, 1938. Serial No. 401,562. PUBLISHED APRIL 26, 1938. Class 40.

358,814. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED SWEATERS, SWEATER COATS, SPORT COATS, JACKETS, CARDIGAN JACKETS, CAPS, SCARFS, WRISTLETS, GLOVES, DRESSES, UNDERSHIRTS, OUTERSHIRTS, AND BATHING SUITS. HIGHLAND KNITTING MILLS, also doing business as Forrest Knitting Mills, Philadelphia, Pa.
Filed January 6, 1938. Serial No. 401,611. PUBLISHED MAY 10, 1938. Class 39.

358,815. TRADE JOURNAL PUBLISHED MONTHLY AND FOR A YEAR BOOK PUBLISHED ANNUALLY. NATIONAL SEEDSMAN PUBLICATIONS, Chicago, Ill.
Filed January 6, 1938. Serial No. 401,616. PUBLISHED APRIL 19, 1938. Class 38.

358,816. PROTECTIVE WATERPROOF LIQUID COATING MATERIAL IN VARIOUS COLORS FOR WALLS AND THE LIKE. DE-FI-AL ROOFING CO., INC., Newark, N. J.
Filed January 11, 1938. Serial No. 401,770. PUBLISHED MAY 17, 1938. Class 16.

358,817. PUBLICATION PUBLISHED MONTHLY OR FROM TIME TO TIME. THE INDUSTRIAL PUBLISHING COMPANY, Cleveland, Ohio.
Filed January 11, 1938. Serial No. 401,781. PUBLISHED APRIL 19, 1938. Class 38.

358,818. NECKLACES AND BRACELETS, FINGER RINGS, EARRINGS, JEWELRY CLIPS, BROACHES, LOCKETS, ETC. COHN & ROSENBERGER, INC., New York, N. Y.
Filed January 12, 1938. Serial No. 401,809. PUBLISHED APRIL 12, 1938. Class 28.

358,819. HOSIERY. KENNETH F. HARDIN, doing business as Hardin & Company, New Albany, Ind.
Filed January 13, 1938. Serial No. 401,861. PUBLISHED APRIL 19, 1938. Class 39.

358,820. MERCHANDISE CERTIFICATES FOR SALE BY THE APPLICANT, WHICH MAY BE USED BY THE PURCHASER OR THE PURCHASER'S DONEE OR TRANSFEREE IN EXCHANGE FOR MERCHANDISE FOR SALE BY THE APPLICANT. LORD & TAYLOR, New York, N. Y.
Filed January 13, 1938. Serial No. 401,870. PUBLISHED APRIL 12, 1938. Class 38.

358,821. FLATWARE, HOLLOW WARE, BABY FOOD PUSHERS, RATTLES, WHISTLES, AND BELLS; TOILET AND DRESSER ARTICLES—NAMELY, BRUSHES, COMBS, ETC. FRANK W. SMITH, INC., Gardner, Mass.
Filed January 13, 1938. Serial No. 401,874. PUBLISHED APRIL 19, 1938. Class 28.

358,822. SYNTHETIC PAINT ENAMELS. METALLGESELLSCHAFT AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany.
Filed January 14, 1938. Serial No. 401,904. PUBLISHED MAY 17, 1938. Class 16.

358,823. MAGAZINE PUBLISHED PERIODICALLY. THE COLORADO STATE MEDICAL SOCIETY, Denver, Colo.
Filed January 15, 1938. Serial No. 401,922. PUBLISHED APRIL 12, 1938. Class 38.

358,824. RACE RESULT PREDICTING DEVICES COMPRISING PHYSICALLY SHIFTABLE, MANUALLY OPERATED, COOPERATING ELEMENTS. D & D CORPORATION, Miami Beach, Fla.
Filed January 15, 1938. Serial No. 401,925. PUBLISHED MAY 17, 1938. Class 22.

358,825. OIL AND GAS WELL DRILLING, CEMENTING, AND PRODUCTION EQUIPMENT—NAMELY, CEMENT BASKETS, FLOAT COLLARS, FLOAT SHOES, PACKERS, CASING PACKERS, SWABS, CEMENT RETAINERS, BAILERS FOR FISHING, AND BAILERS FOR CEMENTING. SECURITY ENGINEERING CO. INC., Whittier, Calif.
Filed January 18, 1938. Serial No. 402,076. PUBLISHED MAY 17, 1938. Class 23.

358,826. CEMENT FOR ADHESIVELY UNITING LEATHER ARTICLES, SUCH AS FOR ADHESIVELY ATTACHING SOLES TO SHOES. GEORGE H. BARGE, Jamaica, Long Island, N. Y.
Filed January 20, 1938. Serial No. 402,111. PUBLISHED MAY 17, 1938. Class 5.

358,827. SPLIT REDWOOD PRODUCTS—NAMELY, TIES, GRAPE STAKES, FENCE POSTS, SHAKES, AND HEWN TIMBERS. THE PACIFIC LUMBER COMPANY, Scotia, Calif.
Filed January 20, 1938. Serial No. 402,137. PUBLISHED APRIL 12, 1938. Class 12.

358,828. CHEESE. WISCONSIN ACCREDITED CHEESE FACTORIES, INC., De Pere, Wis.
Filed January 20, 1938. Serial No. 402,149. PUBLISHED MAY 17, 1938. Class 46.

358,829. CUT FABRIC TAPE—NAMELY, BINDING TAPE FOR BINDING ARTICLES SUCH AS BLANKETS, GARMENTS, ETC. THURSTON CUTTING CORPORATION, New York, N. Y.
Filed January 21, 1938. Serial No. 402,208. PUBLISHED APRIL 26, 1938. Class 40.

358,830. TRADING STAMPS. MOVIEMART, INC., Milwaukee, Wis.
Filed January 22, 1938. Serial No. 402,232. PUBLISHED APRIL 12, 1938. Class 38.

358,831. SHEET METAL ROOFING. ST. PAUL CORRUGATING COMPANY, St. Paul, Minn.
Filed January 22, 1938. Serial No. 402,241. PUBLISHED APRIL 12, 1938. Class 12.

358,832. INTERCHANGEABLE ADVERTISING CARDBOARD SIGNS. LODWICK J. WENTZEL, New York, N. Y.
Filed January 24, 1938. Serial No. 402,283. PUBLISHED APRIL 12, 1938. Class 38.

358,833. SATURATED FIBER BOARD PRODUCTS USED IN STRUCTURES FOR SOUND DEADENING, DAMPPROOFING, THE CUSHIONING OF FINISHED FLOORING, AS A PROTECTIVE COVERING OVER WATERPROOFING PROTECTION COURSES, AND AS A RESILIENT FLOOR COVERING. THE CELOTEX CORPORATION, Chicago, Ill.
Filed January 26, 1938. Serial No. 402,327. PUBLISHED APRIL 12, 1938. Class 12.

358,834. BLANKS FOR NEGOTIABLE AND NONNEGOTIABLE INSTRUMENTS — NAMELY, CHECKS. CHECK SERVICE CORPORATION, New York, N. Y.
Filed January 27, 1938. Serial No. 402,363. PUBLISHED MAY 17, 1938. Class 37.

358,835. MAGAZINE PUBLICATION. DETECTIVE COMICS, INC., New York, N. Y.
Filed January 27, 1938. Serial No. 402,364. PUBLISHED MAY 10, 1938. Class 38.

358,836. CALENDAR CARDS. E. E. FAIRCHILD CORPORATION, Rochester, N. Y.
Filed January 28, 1938. Serial No. 402,420. PUBLISHED MAY 17, 1938. Class 38.

358,837. NEWS STRIPS. RAY FEATURE SERVICE, New York, N. Y.
Filed January 28, 1938. Serial No. 402,443. PUBLISHED MAY 3, 1938. Class 38.

358,838. ILLUMINATED BOILER WATER LEVEL GAUGES AND GAUGE VALVES. ALVA GUY BLANCHARD, doing business as The Inferno Company, Shreveport, La.
Filed January 29, 1938. Serial No. 402,465. PUBLISHED MAY 3, 1938. Class 26.

358,839. ILLUMINATED BOILER WATER LEVEL GAUGES AND GAUGE VALVE. ALVA GUY BLANCHARD, doing business as The Inferno Company, Shreveport, La.
Filed January 29, 1938. Serial No. 402,467. PUBLISHED MAY 3, 1938. Class 26.

358,840. HATS. KESSNER & RABINOWITZ, INC., New York, N. Y.
Filed January 31, 1938. Serial No. 402,529. PUBLISHED APRIL 26, 1938. Class 39.

358,841. OPHTHALMIC LENSES. SOFT-LITE LENS COMPANY, INC., New York, N. Y.
Filed January 31, 1938. Serial No. 402,541. PUBLISHED MAY 17, 1938. Class 26.

358,842. PORTLAND CEMENT. TRINITY PORTLAND CEMENT COMPANY, Chicago, Ill.
Filed January 31, 1938. Serial No. 402,544. PUBLISHED APRIL 12, 1938. Class 12.

358,843. NECKLACES AND BRACELETS, FINGER RINGS, EARRINGS, JEWELRY CLIPS, BROOCHES, LOCKETS, ETC. COHN & ROSENBERGER, INC., New York, N. Y.
Filed February 1, 1938. Serial No. 402,556. PUBLISHED APRIL 12, 1938. Class 28.

358,844. FINANCIAL DIAGRAMS. G. HARVEY PORTER, Baltimore, Md.
Filed February 1, 1938. Serial No. 402,572. PUBLISHED APRIL 12, 1938. Class 38.

358,845. PERIODICAL. IDEAL PUBLISHING CORP., New York, N. Y.
Filed February 2, 1938. Serial No. 402,597. PUBLISHED APRIL 12, 1938. Class 38.

358,846. MEN'S SCARFS AND NECKTIES. CHARLES H. LEVY, doing business as Charles H. Levy Company, New Orleans, La.
Filed February 2, 1938. Serial No. 402,600. PUBLISHED APRIL 19, 1938. Class 39.

358,847. PERIODICAL PUBLICATION. PETROLEUM REGISTER CORPORATION, New York, N. Y.
Filed February 2, 1938. Serial No. 402,604. PUBLISHED APRIL 26, 1938. Class 38.

358,848. BICYCLE ELECTRIC LAMPS AND ELECTRIC GENERATORS. HUDSON STEEL & TUBE CORP., New York, N. Y.
Filed February 3, 1938. Serial No. 402,631. PUBLISHED MAY 17, 1938. Class 21.

358,849. PRINTING MATS, ELECTROTYPES, STEREOTYPES, AND PHOTOENGRAVINGS. WINFIELD E. CLINE, doing business as Cline Advertising Service, Boise, Idaho.
Filed February 4, 1938. Serial No. 402,677. PUBLISHED MAY 17, 1938. Class 50.

358,850. CIRCULARS AND PAMPHLETS SENT PERIODICALLY TO A WIDE MAILING LIST. POWER TRANSMISSION COUNCIL (INC.), Boston, Mass.
Filed February 4, 1938. Serial No. 402,696. PUBLISHED APRIL 12, 1938. Class 38.

358,851. SERIES OF SPECIAL ARTICLES FOR INSERTION AND PUBLICATION IN AND BY NEWSPAPERS AND PERIODICALS, OR WHATEVER AND WHENEVER ANY SUCH ARTICLE OR ARTICLES ARE COMPILED AND PUBLISHED IN BOOK FORM OR OTHERWISE. MACFADDEN PUBLICATIONS, INC., New York, N. Y.
Filed February 5, 1938. Serial No. 402,732. PUBLISHED APRIL 12, 1938. Class 38.

358,852. CORSETS, CORSELETS, GIRDLES, BANDEAUS, PANTIES, AND BRASSIÈRES. VANITY CORSET COMPANY, INC., New York, N. Y.
Filed February 5, 1938. Serial No. 402,748. PUBLISHED APRIL 19, 1938. Class 39.

358,853. LADIES' HATS. BERNARD WORKMAN, INC., New York, N. Y.
Filed February 5, 1938. Serial No. 402,752. PUBLISHED APRIL 26, 1938. Class 39.

358,854. MONTHLY MAGAZINE. FRENCH-STAMATS COMPANY, Cedar Rapids, Iowa.
Filed February 7, 1938. Serial No. 402,772. PUBLISHED APRIL 26, 1938. Class 38.

358,855. WOMEN'S AND MISSES' HATS. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed February 7, 1938. Serial No. 402,797. PUBLISHED APRIL 19, 1938. Class 39.

358,856. MEN'S HATS. THE MAY DEPARTMENT STORES COMPANY, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo.
Filed February 8, 1938. Serial No. 402,823. PUBLISHED APRIL 26, 1938. Class 39.

358,857. CHARTS, SHEETS, TABLES, AND COMPILATIONS OF TECHNICAL AND SCIENTIFIC DATA. CYRIL BEST, London, England.
Filed February 8, 1938. Serial No. 402,837. PUBLISHED APRIL 12, 1938. Class 38.

358,858. PHOTOGRAPHS. DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Calif.
Filed February 9, 1938. Serial No. 402,853. PUBLISHED APRIL 19, 1938. Class 38.

358,859. UNDERGARMENTS—NAMELY, CHEMISES, PANTIES, NIGHT-GOWNS, PAJAMAS, SLIPS, BRASSIÈRES, NEGLIGEES, AND CORSETS. GARFINKEL & RITTER, New York, N. Y.
Filed February 9, 1938. Serial No. 402,855. PUBLISHED APRIL 26, 1938. Class 39.

358,860. RUBBER BANDS. GOLDSMITH BROS., New York, N. Y.
Filed February 9, 1938. Serial No. 402,859. PUBLISHED MAY 17, 1938. Class 37.

358,861. LUBRICATING GREASE. CONTINENTAL OIL COMPANY, Ponca City, Okla.
Filed February 10, 1938. Serial No. 402,896. PUBLISHED APRIL 12, 1938. Class 15.

358,862. LUBRICATING OIL. CONTINENTAL OIL COMPANY, Ponca City, Okla.
Filed February 10, 1938. Serial No. 402,897. PUBLISHED APRIL 12, 1938. Class 15.

358,863. LUBRICATING GREASE. CONTINENTAL OIL COMPANY, Ponca City, Okla.
Filed February 10, 1938. Serial No. 402,899. PUBLISHED APRIL 12, 1938. Class 15.

358,864. LUBRICATING OIL. CONTINENTAL OIL COMPANY, Ponca City, Okla.
Filed February 10, 1938. Serial No. 402,901. PUBLISHED APRIL 12, 1938. Class 15.

358,865. MAGAZINE. DESERT PUBLISHING COMPANY, El Centro, Calif.
Filed February 11, 1938. Serial No. 402,937. PUBLISHED MAY 3, 1938. Class 38.

358,866. NECKTIES, MUFFLERS, AND LEATHER AND FABRIC BELTS FOR OUTER WEAR. KENIN-GORDON & ZIMMERMAN, INC., New York, N. Y.
Filed February 12, 1938. Serial No. 402,978. PUBLISHED MAY 17, 1938. Class 39.

358,867. BOND PAPER. FOX RIVER PAPER COMPANY, Appleton, Wis.
Filed February 15, 1938. Serial No. 403,039. PUBLISHED MAY 17, 1938. Class 37.

358,868. GLOVES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. ROBERT STEINBERG, doing business as Steinberg Bros., New York, N. Y.
Filed February 15, 1938. Serial No. 403,060. PUBLISHED APRIL 19, 1938. Class 39.

358,869. MAGAZINES. THE AMERICAN INSTITUTE OF THE CITY OF NEW YORK, New York, N. Y.
Filed February 16, 1938. Serial No. 403,067. PUBLISHED APRIL 26, 1938. Class 38.

358,870. BOND PAPER. FOX RIVER PAPER COMPANY, Appleton, Wis.
Filed February 16, 1938. Serial No. 403,081. PUBLISHED MAY 17, 1938. Class 37.

358,871. MANIFOLD PAPER. NATION WIDE PAPERS, INC., Chicago, Ill.
Filed February 16, 1938. Serial No. 403,090. PUBLISHED MAY 17, 1938. Class 37.

358,872. RUBBER AND FABRIC SHOES. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed February 16, 1938. Serial No. 403,105. PUBLISHED MAY 10, 1938. Class 39.

358,873. CORSETS, BRASSIÈRES, AND OTHER FOUNDATION GARMENTS. I. NEWMAN & SONS, INC., New Haven, Conn., and New York, N. Y.
Filed February 17, 1938. Serial No. 403,143. PUBLISHED APRIL 19, 1938. Class 39.

358,874. BUILDING TILES. UNITED STATES QUARRY TILE COMPANY, Canton, Ohio.
Filed February 17, 1938. Serial No. 403,152. PUBLISHED MAY 3, 1938. Class 12.

358,875. MAGAZINE SECTION. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed February 17, 1938. Serial No. 403,156. PUBLISHED MAY 17, 1938. Class 38.

358,876. ROOFING CEMENT COMPOSED OF COAL TAR, SLATE, AND ASBESTOS. COAL TAR PRODUCT COMPANY, Brooklyn, N. Y.
Filed February 18, 1938. Serial No. 403,166. PUBLISHED MAY 10, 1938. Class 12.

358,877. DAILY NEWSPAPER COLUMN. THE DETROIT FREE PRESS, Detroit, Mich.
Filed February 18, 1938. Serial No. 403,170. PUBLISHED MAY 10, 1938. Class 38.

358,878. MEN'S, WOMEN'S, AND CHILDREN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. BOND SHOE CO., INC., New York, N. Y.
Filed February 19, 1938. Serial No. 403,194. PUBLISHED MAY 17, 1938. Class 39.

358,879. PERIODICAL. INDIANA STATE TEACHERS ASSOCIATION, Indianapolis, Ind.
Filed February 19, 1938. Serial No. 403,209. PUBLISHED MAY 3, 1938. Class 38.

358,880. CAPS AND CLOSURE SEALS FOR BOTTLES, RECEPTACLES, AND OTHER CONTAINERS. ALUMINUM SEAL COMPANY, Arnold, Pa.
Filed February 23, 1938. Serial No. 403,292. PUBLISHED MAY 17, 1938. Class 50.

358,881. RAW LEATHER AND CUT SOLE LEATHER. BERKSONS LEATHER CO. INC., New York, N. Y.
Filed February 23, 1938. Serial No. 403,299. PUBLISHED MAY 17, 1938. Class 1.

358,882. MISSES' AND CHILDREN'S HATS. SAMUEL FINKELSTEIN, New York, N. Y.
Filed February 23, 1938. Serial No. 403,310. PUBLISHED MAY 17, 1938. Class 39.

358,883. ORNAMENTAL BOWLS, DISHES, JARS, BOXES, TRAYS, AND SIMILAR RECEPTACLES FOR FRUIT, CANDY, NUTS, BONBONS, AND THE LIKE, VASES, PITCHERS, SUGAR BOWLS, PUNCH BOWLS, ICE BUCKETS, WINE BUCKETS, SERVING DISHES AND TRAYS, AND SANDWICH TRAYS, OF BASE METAL. KENSINGTON, INCORPORATED, New Kensington, Pa.
Filed February 23, 1938. Serial No. 403,316. PUBLISHED MAY 17, 1938. Class 2.

358,884. CHEMICALS USED IN INDUCING AND STIMULATING THE GROWTH OF PLANTS, SHRUBS, AND TREES. MARTIN H. MAEDER, doing business as Kemi-Kulture Products Co., Los Angeles, Calif.
Filed February 23, 1938. Serial No. 403,319. PUBLISHED MAY 17, 1938. Class 10.

358,885. ORANGE BASE CONCENTRATE FOR MAKING NON-ALCOHOLIC BEVERAGES. VALEN.JU, INC., Chicago, Ill.
Filed February 23, 1938. Serial No. 403,340. PUBLISHED MAY 17, 1938. Class 45.

358,886. COMPOSITION INCORPORATING MOLASSES AND VITAMINS FOR USE AS AN ANIMAL FOOD AND SUPPLEMENT IN ANIMAL FOOD MIXTURES. VITAMOL, INC., New York, N. Y.
Filed February 23, 1938. Serial No. 403,341. PUBLISHED MAY 17, 1938. Class 46.

358,887. COMPOSITION INCORPORATING MOLASSES AND VITAMINS FOR USE AS AN ANIMAL FOOD AND SUPPLEMENT IN ANIMAL FOOD MIXTURES. VITAMOL, INC., New York, N. Y.
Filed February 23, 1938. Serial No. 403,342. PUBLISHED MAY 17, 1938. Class 46.

358,888. WHISKEY. PLATTEN BROTHERS, Green Bay, Wis.
Filed February 23, 1938. Serial No. 403,350. PUBLISHED MAY 17, 1938. Class 49.

358,889. LITHOGRAPHIC PRINTS AND MOTTO CARDS. CLINTON L. SMITH, doing business as Symbolized Picture Company, Fort Thomas, Ky.
Filed February 24, 1938. Serial No. 403,378. PUBLISHED APRIL 26, 1938. Class 38.

358,890. CLEANSING POWDER FOR DENTURES. FORT ORANGE CHEMICAL CO., INC., Albany, N. Y.
Filed February 25, 1938. Serial No. 403,385. PUBLISHED MAY 17, 1938. Class 4.

358,891. SUBSTANCE FOR RENDERING MORTAR AND MORTAR-FORMING MATERIALS WATERPROOF. THE AMERICAN FLURESIT COMPANY, Cincinnati, Ohio.
Filed February 25, 1938. Serial No. 403,387. PUBLISHED MAY 3, 1938. Class 12.

358,892. SUBSTANCE FOR RENDERING MORTAR AND MORTAR-FORMING MATERIALS WATERPROOF. THE AMERICAN FLURESIT COMPANY, Cincinnati, Ohio.
Filed February 25, 1938. Serial No. 403,388. PUBLISHED MAY 3, 1938. Class 12.

358,893. PETROLEUM PRODUCTS—NAMELY, LUBRICATING OILS AND GREASES. W. H. BARBER COMPANY, Minneapolis, Minn.
Filed February 25, 1938. Serial No. 403,392. PUBLISHED MAY 3, 1938. Class 15.

358,894. INDOOR AND OUTDOOR TETHERED BALL GAMES. GEORGE E. MACY, Chicago, Ill.
Filed February 25, 1938. Serial No. 403,417. PUBLISHED MAY 17, 1938. Class 22.

358,895. TABLE CLOTHS, NAPKINS, LUNCHEON SETS, TEXTILE BRIDGE SETS, TOWELS, TEXTILE BATH GOODS, SHEETS, AND CASES. SEA BIRD LINENS, INC., New York, N. Y.
Filed February 25, 1938. Serial No. 403,425. PUBLISHED MAY 17, 1938. Class 42.

358,896. GARTERS, SUSPENDERS, ARM BANDS, AND BELTS FOR PERSONAL WEAR. A. STEIN & COMPANY, Chicago, Ill.
Filed February 25, 1938. Serial No. 403,428. PUBLISHED APRIL 26, 1938. Class 39.

358,897. INSULATING MUD AND MUD JELLS FOR LEAK-PROOFING EARTHEN STORAGE PITS AND SUMPS. JAMES F. LARKIN, doing business as Allied Earthen Products Company, Oklahoma City, Okla.
Filed February 26, 1938. Serial No. 403,455. PUBLISHED MAY 3, 1938. Class 12.

358,898. DRILLING MUD. JAMES F. LARKIN, doing business as Allied Earthen Products Company, Oklahoma City, Okla.
Filed February 26, 1938. Serial No. 403,456. PUBLISHED MAY 3, 1938. Class 12.

358,899. ELASTIC WEBBING AND NARROW FABRIC. MOORE FABRIC COMPANY, Pawtucket, R. I.
Filed February 26, 1938. Serial No. 403,461. PUBLISHED MAY 10, 1938. Class 40.

358,900. COAL. THE KIENER COAL COMPANY, Cleveland, Ohio.
Filed February 28, 1938. Serial No. 403,508. PUBLISHED MAY 17, 1938. Class 1.

358,901. HUNTING COATS, HUNTING SHIRTS, HUNTING PANTS; LADIES' DRESSES, HOSIERY, LEATHER COATS, UNDER VESTS; MEN'S CAPS; MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR; NECKTIES, BATHING SUITS, LEATHER SHOES, LEATHER AND RUBBER BOOTS, LEATHER AND FABRIC GLOVES, OUTER SHIRTS, RUBBERS, SCARFS, BLAZERS, AND SWEATERS. BURTON A. MARTIN, Culver, Minn.
Filed February 28, 1938. Serial No. 403,515. PUBLISHED MAY 10, 1938. Class 39.

358,902. FLAT-WARE, HOLLOW-WARE, AND CUTLERY, PLATED ENTIRELY OR IN PART WITH SILVER. INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed March 1, 1938. Serial No. 403,549. PUBLISHED APRIL 26, 1938. Class 28.

358,903. RUBBER REDUCING FOUNDATION GARMENTS—NAMELY, COMBINATION GARMENTS, STEP-IN GIRDLES, BACK-LACE STEP-INS, BACK-LACE CORSETS, ETC. THE NEATFORM CO., INC., New York, N. Y.
Filed March 2, 1938. Serial No. 403,610. PUBLISHED APRIL 26, 1938. Class 39.

358,904. CRIB, BASKET, AND BASSINETTE LININGS, MATTRESSES, AND CUSHIONS FOR INFANTS' CHAIRS. KENLIT MFG. CO., Medford, Mass.
Filed March 3, 1938. Serial No. 403,654. PUBLISHED MAY 17, 1938. Class 32.

358,905. MONTHLY PUBLICATION TO THE MEDICAL PROFESSION. MEDICINE TODAY, INC., Brooklyn, N. Y.
Filed March 3, 1938. Serial No. 403,658. PUBLISHED MAY 10, 1938. Class 38.

358,906. BOYS' AND GIRLS' KNITTED HOCKEY CAPS AND SCARFS. D. SEIDMANN'S SONS, Philadelphia, Pa.
Filed March 3, 1938. Serial No. 403,664. PUBLISHED MAY 10, 1938. Class 39.

358,907. PIPES. LARUS & BROTHER COMPANY, Richmond, Va.
Filed March 3, 1938. Serial No. 403,668. PUBLISHED MAY 17, 1938. Class 8.

358,908. MEN'S AND WOMEN'S HATS. THE FRANK H. LEE COMPANY, Danbury, Conn.
Filed March 3, 1938. Serial No. 403,669. PUBLISHED MAY 10, 1938. Class 39.

358,909. WOMEN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS OF THESE MATERIALS. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 4, 1938. Serial No. 403,688. PUBLISHED MAY 17, 1938. Class 39.

358,910. SHOES OF LEATHER, FABRIC, AND COMBINATIONS OF THESE MATERIALS, WITH AND WITHOUT RUBBER HEELS. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 4, 1938. Serial No. 403,689. PUBLISHED MAY 17, 1938. Class 39.

358,911. LADIES' AND MISSES' SLIPS. LANDE & MISKEND, INC., New York, N. Y.
Filed March 4, 1938. Serial No. 403,701. PUBLISHED APRIL 26, 1938. Class 39.

358,912. WOMEN'S AND CHILDREN'S SHOES MADE OF LEATHER, RUBBER, AND FABRIC, OR COMBINATIONS THEREOF. JULIUS ALTSCHUL, INC., New York, N. Y.
Filed March 5, 1938. Serial No. 403,711. PUBLISHED MAY 17, 1938. Class 39.

358,913. HEAT INSULATION MATERIAL, PARTICULARLY HEAT INSULATION MATERIAL MADE OF MINERAL FIBRES. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed March 5, 1938. Serial No. 403,726. PUBLISHED MAY 3, 1938. Class 12.

358,914. PUBLICATIONS DEVOTED TO THE GASOLINE AND OIL INDUSTRY AND PUBLISHED FROM TIME TO TIME. THE CINCINNATI OIL WORKS CO., Cincinnati, Ohio.
Filed March 7, 1938. Serial No. 403,754. PUBLISHED MAY 17, 1938. Class 38.

358,915. WOOLEN GOODS IN THE PIECE AND IN CUT LENGTHS. S. STEIN & CO., New York, N. Y.
Filed March 7, 1938. Serial No. 403,790. PUBLISHED MAY 17, 1938. Class 42.

358,916. COFFEE. THE VINNEDGE COMPANY, INC., Fort Worth, Tex.
Filed March 7, 1938. Serial No. 403,804. PUBLISHED MAY 17, 1938. Class 46.

358,917. FERTILIZERS. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va.
Filed March 7, 1938. Serial No. 403,805. PUBLISHED MAY 17, 1938. Class 10.

358,918. GIRDLES, BRASSIÈRES, AND BANDEAUX. WILLIAM BARG, doing business as True Form Corset Company, Philadelphia, Pa.
Filed March 9, 1938. Serial No. 403,851. PUBLISHED MAY 17, 1938. Class 39.

358,919. WOOLEN FABRICS IN THE PIECE. BRIDGEWATER WOOLEN COMPANY, Bridgewater, Vt., and New York, N. Y.
Filed March 9, 1938. Serial No. 403,853. PUBLISHED MAY 17, 1938. Class 42.

358,920. LUBRICATING OILS. GULF OIL CORPORATION, Pittsburgh, Pa.
Filed March 9, 1938. Serial No. 403,868. PUBLISHED MAY 3, 1938. Class 15.

358,921. VEGETABLE BINS FOR REFRIGERATORS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed March 9, 1938. Serial No. 403,882. PUBLISHED MAY 17, 1938. Class 2.

358,922. STOCK FEED—NAMELY, RABBIT FEED, HORSE FEED, CALF FEED, DAIRY BALANCER, PIG FEED, CATTLE FEED, GOAT FEED, AND POULTRY FEED—NAMELY, TURKEY AND CHICKEN FEED. THE ALBERT DICKINSON COMPANY, Chicago, Ill.
Filed March 11, 1938. Serial No. 403,939. PUBLISHED MAY 17, 1938. Class 46.

358,923. WHISKY. BARDSTOWN DISTILLERY, INC., Bourbon Springs, Bardstown, Ky.
Filed March 12, 1938. Serial No. 403,980. PUBLISHED MAY 17, 1938. Class 49.

358,924. NEWSPAPER. DAILY MIRROR, INC., New York, N. Y.
Filed March 12, 1938. Serial No. 403,998. PUBLISHED MAY 10, 1938. Class 38.

358,925. HATS FOR MEN AND WOMEN. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed March 12, 1938. Serial No. 404,002. PUBLISHED MAY 17, 1938. Class 39.

358,926. BLOTTER TABLETS FOR USE UNDER BEVERAGE GLASSES. CORSON MANUFACTURING COMPANY, INCORPORATED, Lockport, N. Y.
Filed March 14, 1938. Serial No. 404,033. PUBLISHED MAY 17, 1938. Class 37.

358,927. HANDKERCHIEFS. GOLDBERG & VAN PRAAG, New York, N. Y.
Filed March 14, 1938. Serial No. 404,043. PUBLISHED MAY 17, 1938. Class 39.

358,928. SILK, ARTIFICIAL SILK, AND RAYON THREAD. BELDING HEMINWAY COMPANY, New York, N. Y.
Filed March 16, 1938. Serial No. 404,109. PUBLISHED MAY 17, 1938. Class 43.

358,929. PERIODIC PROGRAM SKITS FOR RADIO STATIONS SOLD AS A PUBLICATION IN INTERSTATE COMMERCE. BOSCO COMPANY, New York, N. Y.
Filed March 16, 1938. Serial No. 404,116. PUBLISHED MAY 17, 1938. Class 38.

358,930. UPHOLSTERED CHAIRS. J. L. CHASE CO., Chicago, Ill.
Filed March 16, 1938. Serial No. 404,118. PUBLISHED MAY 17, 1938. Class 32.

358,931. CORDUROY FABRICS IN THE PIECE MADE OF COTTON. CROMPTON COMPANY, West Warwick, R. I.
Filed March 17, 1938. Serial No. 404,163. PUBLISHED MAY 17, 1938. Class 42.

358,932. PHOTOGRAPHIC PRINTS. VICTOR KEPPLER, New York, N. Y.
Filed March 17, 1938. Serial No. 404,176. PUBLISHED MAY 10, 1938. Class 38.

358,933. LUBRICATING OILS. THE TEXAS COMPANY, New York, N. Y.
Filed March 18, 1938. Serial No. 404,236. PUBLISHED MAY 3, 1938. Class 15.

358,934. CLEANSING PRODUCT FOR ALL TYPES OF FABRIC AND CLOTH. WILLIAM T. CASEY, Boston, Mass.
Filed March 19, 1938. Serial No. 404,245. PUBLISHED MAY 17, 1938. Class 4.

358,935. WHEAT GERM. COMMANDER-LARABEE MILLING COMPANY, doing business as Minneapolis Milling Company, Minneapolis, Minn.
Filed March 19, 1938. Serial No. 404,247. PUBLISHED MAY 17, 1938. Class 46.

358,936. RUBBER HEELS. JOHN PINAUD, Atlantic Highlands, N. J.
Filed March 19, 1938. Serial No. 404,283. PUBLISHED MAY 17, 1938. Class 39.

358,937. SUIT CASES, WARDROBE AND STEAMER TRUNKS, VALISES, AND TRAVELLING HAT CASES. ATLAS LUGGAGE MFG. CO., INC., New York, N. Y.
Filed March 21, 1938. Serial No. 404,285. PUBLISHED MAY 17, 1938. Class 3.

358,938. WOMEN'S AND MISSES' FABRIC GLOVES. GLOBE KNITTING WORKS, Grand Rapids, Mich.
Filed March 21, 1938. Serial No. 404,304. PUBLISHED MAY 17, 1938. Class 39.

358,939. WOMEN'S AND MISSES' FABRIC GLOVES. GLOBE KNITTING WORKS, Grand Rapids, Mich.
Filed March 21, 1938. Serial No. 404,307. PUBLISHED MAY 17, 1938. Class 39.

358,940. ENLARGERS, PROJECTORS, AND VIEWERS FOR FILMS AND PHOTOGRAPHS. PHOTO MARKETING CORPORATION, New York, N. Y.
Filed March 21, 1938. Serial No. 404,323. PUBLISHED MAY 17, 1938. Class 26.

358,941. EXPOSURE METERS. PHOTO UTILITIES, INC., New York, N. Y.
Filed March 21, 1938. Serial No. 404,324. PUBLISHED MAY 17, 1938. Class 26.

358,942. TEXTILE PIECE GOODS. CABLE RAINCOAT COMPANY, Boston, Mass.
Filed March 22, 1938. Serial No. 404,351. PUBLISHED MAY 17, 1938. Class 42.

358,943. SANITARY NAPKINS. THE STERILEK COMPANY, INC., New York, N. Y.
Filed March 22, 1938. Serial No. 404,382. PUBLISHED MAY 24, 1938. Class 44.

358,944. SUPERCHARGERS FOR INTERNAL COMBUSTION ENGINES. TYPHOON MANUFACTURING COMPANY, INC., Medford, Md.
Filed March 22, 1938. Serial No. 404,386. PUBLISHED MAY 17, 1938. Class 23.

358,945. SANITARY BELTS. I. B. KLEINERT RUBBER COMPANY, New York, N. Y.
Filed March 24, 1938. Serial No. 404,445. PUBLISHED MAY 24, 1938. Class 44.

358,946. DIATOMACEOUS EARTH PRODUCTS ESPECIALLY PREPARED FOR USE IN POLISHES. NEW HAMPSHIRE DIATOMITE COMPANY, Portsmouth, N. H.
Filed March 24, 1938. Serial No. 404,448. PUBLISHED MAY 17, 1938. Class 4.

358,947. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. BENJ. F. TAYLOR, doing business as Taylor Beverage Company, Tarboro, N. C.
Filed March 24, 1938. Serial No. 404,458. PUBLISHED MAY 17, 1938. Class 45.

358,948. CLOCK-OPERATED ELECTRICAL SWITCH. JULIEN P. FRIEZ & SONS, INC., Baltimore, Md.
Filed March 25, 1938. Serial No. 404,473. PUBLISHED MAY 17, 1938. Class 21.

358,949. GENERATORS, ELECTRIC MOTORS, DYNAMOTORS, INVERTED ROTARY CONVERTORS, MOTOR GENERATORS, GAS ENGINE DRIVEN ELECTRIC GENERATING PLANTS, WIND DRIVEN ELECTRIC GENERATING PLANTS, BATTERY CHARGING PLANTS, AND ELECTRIC POWER PLANTS. PIONEER GEN-E-MOTOR CORPORATION, Chicago, Ill.
Filed March 25, 1938. Serial No. 404,484. PUBLISHED MAY 17, 1938. Class 21.

358,950. LUBRICATING OIL. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed March 25, 1938. Serial No. 404,493. PUBLISHED MAY 17, 1938. Class 15.

358,951. INSULATED ELECTRICAL WIRE AND CABLE. ANACONDA WIRE & CABLE COMPANY, New York, N. Y.
Filed March 26, 1938. Serial No. 404,508. PUBLISHED MAY 17, 1938. Class 21.

358,952. INSULATED ELECTRICAL WIRE AND CABLE. ANACONDA WIRE & CABLE COMPANY, New York, N. Y.
Filed March 26, 1938. Serial No. 404,509. PUBLISHED MAY 17, 1938. Class 21.

358,953. INSULATED ELECTRICAL WIRE AND CABLE. ANACONDA WIRE & CABLE COMPANY, New York, N. Y.
Filed March 26, 1938. Serial No. 404,511. PUBLISHED MAY 17, 1938. Class 21.

358,954. INSULATED ELECTRICAL WIRE AND CABLE. ANACONDA WIRE & CABLE COMPANY, New York, N. Y.
Filed March 26, 1938. Serial No. 404,512. PUBLISHED MAY 17, 1938. Class 21.

358,955. PIECE GOODS IN THE NATURE OF A WOVEN MATERIAL SIMILAR TO NET USED FOR NEEDLEWORK. HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y.
Filed March 26, 1938. Serial No. 404,522. PUBLISHED MAY 17, 1938. Class 42.

358,956. WRISTLETS WITH LOCK BUCKLE AND WAIST STRAP, MITTS WITH LOCK BUCKLE AND WAIST STRAP, ANKLETS WITH SMALL BUCKLES, ETC. HUMANE RESTRAINT COMPANY, Madison, Wis.
Filed March 26, 1938. Serial No. 404,525. PUBLISHED MAY 24, 1938. Class 44.

358,957. ASPHALT, ASPHALT EMULSIONS, ASPHALT COMPOSITIONS. AMERICAN BITUMULS COMPANY, Wilmington, Del., and San Francisco, Calif.
Filed March 28, 1938. Serial No. 404,559. PUBLISHED MAY 17, 1938. Class 12.

358,958. GIN. COATES & CO. (PLYMOUTH) LIMITED, Plymouth, England.
Filed March 29, 1938. Serial No. 404,601. PUBLISHED MAY 17, 1938. Class 49.

358,959. LAUNDRY MACHINERY AND PARTS THEREOF. CALIFORNIA LAUNDRY EQUIPMENT CO., Oakland, Calif.
Filed March 30, 1938. Serial No. 404,630. PUBLISHED MAY 24, 1938. Class 24.

358,960. GAMES AND ACCESSORIES USED IN CONNECTION WITH GAMES. AUCTIONITE, INC., Newark, N. J.
Filed March 31, 1938. Serial No. 404,680. PUBLISHED MAY 17, 1938. Class 22.

358,961. ELECTRICAL MACHINE FOR GIVING TREATMENTS TO THE FEET. CHIROPODY SUPPLY HEADQUARTERS, INC., Chicago, Ill.
Filed March 31, 1938. Serial No. 404,688. PUBLISHED MAY 24, 1938. Class 44.

358,962. CURTAINS, DRAPES, TRIMMINGS, PORTIERES, AND FRINGE. PHOENIX TRIMMING COMPANY, Chicago, Ill.
Filed March 31, 1938. Serial No. 404,723. PUBLISHED MAY 17, 1938. Class 42.

358,963. CARD GAMES. WILLIAM J. SHEPROW, Garden City, N. Y.
Filed March 31, 1938. Serial No. 404,727. PUBLISHED MAY 17, 1938. Class 22.

358,964. LUBRICANT ESPECIALLY ADAPTED FOR USE IN LUBRICATING THE RUBBER PARTS OF VEHICLES AND ENGINES, INCLUDING SHACKLES, FAN BELTS, AND LIKE PARTS MADE WHOLLY OR IN PART OF RUBBER. A. RAYMOND DAVIS, doing business as Oilless Shacklube Laboratories, Chicago, Ill.
Filed April 1, 1938. Serial No. 404,750. PUBLISHED MAY 17, 1938. Class 15.

358,965. EXERCISING WHEELS. ERICH A. HASSE, doing business as American Acro Co., West Reading, Pa.
Filed April 2, 1938. Serial No. 404,804. PUBLISHED MAY 17, 1938. Class 22.

358,966. PNEUMATIC VEHICLE TIRES. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa.
Filed April 2, 1938. Serial No. 404,818. PUBLISHED MAY 17, 1938. Class 35.

358,967. BEDS, BED SPRINGS, STUDIO COUCHES, MATTRESSES, AND PILLOWS. THE L. FISH FURNITURE COMPANY, Chicago, Ill.
Filed April 4, 1938. Serial No. 404,845. PUBLISHED MAY 17, 1938. Class 32.

358,968. FIREARMS, PARTICULARLY SPORTING SHOTGUNS AND RIFLES. REMINGTON ARMS COMPANY, INC., Bridgeport, Conn.
Filed April 8, 1938. Serial No. 405,037. PUBLISHED MAY 17, 1938. Class 9.

358,969. DOLLS. IDEAL NOVELTY & TOY COMPANY, Long Island City, N. Y.
Filed April 9, 1938. Serial No. 405,072. PUBLISHED MAY 17, 1938. Class 22.

358,970. DOLLS. NORCROSS, New York, N. Y.
Filed April 9, 1938. Serial No. 405,079. PUBLISHED MAY 17, 1938. Class 22.

358,971. DENTAL APPLICATORS. ADOLPH D. WISEMAN, San Francisco, Calif.
Filed April 11, 1938. Serial No. 405,147. PUBLISHED MAY 24, 1938. Class 44.

358,972. NEWSPAPER ISSUED WEEKLY. SAM HOUSTON STATE TEACHERS COLLEGE, Huntsville, Tex.
Filed April 14, 1938. Serial No. 405,280. PUBLISHED MAY 24, 1938. Class 38.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

358,973. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) E. MORRIS MANUFACTURING CO., Detroit, Mich. Filed Nov. 21, 1935. Serial No. 371,819.

CERTIFYD

For Shaving Brushes, Hair Brushes, Nail Brushes, and Dusters.
Claims use since July, 1924.

358,974. (CLASS 32. FURNITURE AND UPHOLSTERY.) SAGINAW FURNITURE SHOPS, Chicago, Ill. Filed Dec. 19, 1936. Serial No. 386,963.

WARP-PROOF
FURNITURE
SAGINAW FURNITURE SHOPS

For Wooden Furniture Comprising Dressers, Beds, Tables, Chairs, Dresser Mirrors, Vanities, Vanity Mirrors, Dressing Tables, Dressing Table Mirrors, Chests, Highboys, Chests on Chests, Commodes, Consoles, Benches, Dining Room Chairs, Cellarettes, Occasional Tables, Night Stands, Bed Side Tables, Slipper Chests, Pier Cabinets,

Toilet Tables, Powder Tables, Desks, Dining Room Tables, Buffets, Side Boards, Corner Cabinets, Break Front China Cabinets, China Cabinets, Drop Leaf Tables, Tilt Top Tables, Coffee Tables, Radio Cabinets.
Claims use since Dec. 1, 1936.

358,975. (CLASS 39. CLOTHING.) JOHN DAVID, New York, N. Y. Filed Jan. 22, 1937. Serial No. 388,050.

Fabricool

For Socks, Men's Union Suits, Undershirts, Underdrawers, Dress and Negligee Shirts, Neckties, Collars, Men's Hats and Caps, Leather and Fabric Gloves, Men's Suits, Sweaters, Overcoats, Raincoats, Mufflers, Pajamas, Bath and Lounging Robes, and Bathing Suits.
Claims use since Dec. 3, 1936.

358,976. (CLASS 39. CLOTHING.) SAKS & COMPANY, New York, N. Y. Filed Apr. 2, 1937. Serial No. 390,868.

"Stocking Fit"

For Women's and Misses' Shoes Made of Leather and Fabric and Combinations of These Materials.
Claims use since Mar. 1, 1937.

358,977. (CLASS 39. CLOTHING.) DRAPER HAT CORPORATION, New York, N. Y. Filed Apr. 27, 1937. Serial No. 391,905.

Cromwell

For Ladies' Hats.
Claims use since January, 1937.

358,978. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) PALMER MANUFACTURING CORP., Phoenix, Ariz. Filed May 10, 1937. Serial No. 392,549.

Fros-t-air

For Air Conditioning Units.
Claims use since Feb. 15, 1937.

358,979. (CLASS 39. CLOTHING.) SAKS & COMPANY, New York, N. Y. Filed May 10, 1937. Serial No. 392,558.

Flatway Last

For Women's and Misses' Shoes Made of Leather and Fabric and Combinations of Those Materials.
Claims use since Apr. 20, 1937.

358,980. (CLASS 39. CLOTHING.) LEES-GILBERT CORPORATION, New York, N. Y. Filed May 11, 1937. Serial No. 392,597.

NEOTRIST

For Ladies' Coats and Suits.
Claims use since May 3, 1937.

358,981. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE SHEFFIELD COMPANY, New London, Conn., and New York, N. Y. Filed May 14, 1937. Serial No. 392,776.

SHEFFIELD

For Shaving Creams.
Claims use since Jan. 21, 1937.

358,982. (CLASS 39. CLOTHING.) INDEPENDENT MERCHANDISING CORP., New York, N. Y. Filed May 17, 1937. Serial No. 392,870.

Jane Lee

For Ladies' Underwear—Namely, Nightgowns, Slips, Chemises, Panties, Brassières, Girdles, House Coats, Negligees, Lounging and Sleeping Pajamas.
Claims use since Mar. 30, 1937.

358,983. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL IMPORTING COMPANY, Boston, Mass. Filed May 26, 1937. Serial No. 393,288.

RYE-THINS

For Swedish Crisp Bread.
Claims use since Mar. 2, 1937.

358,984. (CLASS 39. CLOTHING.) HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed June 17, 1937. Serial No. 394,175.

TomScot

For Men's Clothing and Furnishings—Namely, Dress and Negligee Shirts, Undershirts, Under and Outer Shorts, Suits, Coats, Socks, Neckties, and Hats.
Claims use since May 3, 1937.

358,985. (CLASS 39. CLOTHING.) THE WOODSTOCK RUBBER COMPANY LIMITED, Woodstock, Ontario, Canada. Filed June 17, 1937. Serial No. 394,209.

NEVASTANE

For Boots and Shoes Made of Rubber and for Boots and Shoes Made of Canvas and Having Rubber Soles.
Claims use since Apr. 15, 1937.

358,986. (CLASS 39. CLOTHING.) THE MARVEL HAT & CAP MFG. CO., Cleveland, Ohio. Filed June 18, 1937. Serial No. 394,240.

Marlow

For Men's, Boys', and Children's Hats and Caps.
Claims use since May 1, 1937.

358,987. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) A. D. COOK, INC., Lawrenceburg, Ind. Filed July 3, 1937. Serial No. 394,826.

WATER COOK SYSTEMS

For Shallow and Deep Well Pumps, Deep Well Pumping Heads, Deep and Shallow Well Working Barrels, Double Acting Well Working Barrels, Pump Rods, Deep Well Turbines, Deep Well Steam Pumping Engines, Deep Well Power Pump Standards, Windmill Force Pumps, Deep Well Power Heads, City Hand Pump Standards, Pole Catchers, Pump and Drill Pump Wrenches, Swage Blocks and Bar, Gum Packers, Anchors and Spreaders, Jars, Pump-Rod Swivels, Wood Pump-Rod Joints and Guide Couplings, Drill-Rod Joints, Earth Augers, Inside Pipe Cutters, Ring and Wedge Pipe Pullers, Two Stroke Pump Rods, Flat and V Belt Drives (Minus the Belts), and Air Volume Controls—Namely, Mechanical Apparatus for Automatically Controlling Volume of Air in Shallow and Deep Well Pump Systems.
Claims use since May 1, 1937.

358,988. (CLASS 12. CONSTRUCTION MATERIALS.) SILVERCOTE PRODUCTS, INC., Chicago, Ill. Filed July 3, 1937. Serial No. 394,868.

SILVACOTE

For Thermal Insulation.
Claims use since June 15, 1937.

358,989. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) UNITED DISTILLERS (OF AMERICA) LTD., Baltimore, Md. Filed July 3, 1937. Serial No. 394,877.

OLD GARRISON

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since June 16, 1937.

358,990. (CLASS 39. CLOTHING.) FAMOUS FASHION SHOP, INC., Astoria, N. Y. Filed July 6, 1937. Serial No. 394,895.

Famous Fashion Shops

For Ladies' and Misses' Panties, Chemises, Slips, Dressing Gowns, Nightgowns, Pajamas, Bed Jackets, Vests, Bloomers, Negligees, Housecoats, Lounging and Beach Robes, Gloves of Leather and of Fabric, Hats, Hosiery, Handkerchiefs, Scarfs, Kerchiefs, Corsets, Corselets, Brassières, Girdles, Bathing Suits, Bathing Shoes, Bathing Hats, Sweaters, Blouses, Dresses, Belts for Outer Wear, Slacks and Play Suits; Girls' Nightgowns, Gloves of Leather and of Fabric, Hats, Bathing Suits, Bathing Shoes, Bathing Hats, Sweaters, Blouses, Dresses, Outer Skirts, and Sportwear Comprising Shorts, Slacks, and Play Suits; Boys' Suits, Outer Shirts, Neckties, Pants, Pajamas, Underwear, Overalls, Gloves of Leather and of Fabric, Hosiery, Bathing Suits, Sweaters and Blouses; and Infants' Caps, Coats, Dressing Gowns, Nightgowns, Pajamas, Shoes, Bath Robes, Dresses, Hosiery, Shawls, and Rubber Panties.
Claims use since Oct. 1, 1924.

358,991. (CLASS 2. RECEPTACLES.) GAYLORD CONTAINER CORPORATION, St. Louis, Mo. Filed July 15, 1937. Serial No. 395,228.

REELPAK

For Containers for Moving Picture Films and the Like.
Claims use since Mar. 6, 1937.

358,992. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE ADAMS-BARRE COMPANY, Columbus, Ohio. Filed July 23, 1937. Serial No. 395,556.

NATIONAL STREAMLINE

For Collapsible Tents, Chapel Tents, and Temporary Shelters.
Claims use since February, 1936.

358,993. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SEGAL SAFETY RAZOR CORPORATION, New York, N. Y. Filed Aug. 7, 1937. Serial No. 396,167.

SEGAL

For Skates Equipped With and Without Measuring Devices for Determining Skating Distances.
Claims use since Aug. 18, 1936.

358,994. (CLASS 39. CLOTHING.) EDISON BROS. STORES, INC., St. Louis, Mo. Filed Aug. 12, 1937. Serial No. 396,339.

BEAUTY MODE

For Ladies' Shoes Made of Leather, Rubber, Fabric, or Combinations Thereof.
Claims use since June 5, 1937.

358,995. (CLASS 17. TOBACCO PRODUCTS.) A. SIEGEL & SONS, INC., New York, N. Y. Filed Aug. 27, 1937. Serial No. 396,842.

GLENMORE

For Cigars, Cigarettes, and Smoking and Chewing Tobacco.
Claims use since Aug. 15, 1934.

358,996. (CLASS 39. CLOTHING.) WM. T. KNOTT COMPANY, INC., New York, N. Y. Filed Sept. 4, 1937. Serial No. 397,130.

Jean Sutton

For Women's Wear—Namely, Shoes of Leather, Rubber, and Fabric, and Combinations Thereof, Slips, Pajamas, Negligees, Lounging Robes, Bathrobes, Nightgowns, Panties, Bloomers, Girdles, Brassières, Dresses, Coats, Suits, Mufflers, Scarves, Sweaters, Hats, Blouses, Gloves of Leather and Fabric, and Combinations Thereof, Bathing Suits, Beach Robes, Evening Wraps, Outer and Under Skirts, and Hosiery.
Claims use since May 13, 1937.

358,997. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) G. H. S. CORPORATION, New York, N. Y. Filed Oct. 7, 1937. Serial No. 398,243.

Vogue

For Hair Roll Foundations—Namely, Roll and Puff Foundations for Ladies' Hair.
Claims use since Apr. 15, 1937.

358,998. (CLASS 39. CLOTHING.) EDWIN YORKE STROUD, New York, N. Y. Filed Dec. 23, 1937. Serial No. 401,201.

ENGLISH
"Koolwear"

For Men's Suits, Vests, and Trousers.
Claims use since May, 1937.

358,999. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) THOMAS TAYLOR & SONS, INC., Hudson, Mass. Filed Jan. 21, 1938. Serial No. 402,207.

SHUGOR.

For Narrow Elastic Fabrics for Use in the Making of Elastic Inserts or Gores in Footwear and Other Articles of Apparel.
Claims use since May, 1935.

359,000. (CLASS 39. CLOTHING.) DODDSLEY OUTFITTERS, INC., New York, N. Y. Filed Feb. 17, 1938. Serial No. 403,119.

Craft-Bilt

For Men's and Boys' Suits, Topcoats, and Overcoats, Men's Dress Shirts, Men's Straw, Panama, Derby, and Felt Hats, and Men's Leather Oxfords and High Top Shoes.
Claims use since Oct. 1, 1936.

359,001. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) KRAUS BROS. & CO., INC., New York, N. Y. Filed Feb. 21, 1938. Serial No. 403,269.

VAN COURTLANDT

For Whiskies, Gins, and Alcoholic Cordials.
Claims use since February, 1935.

359,002. (CLASS 39. CLOTHING.) BUSCARLET GLOVE CO. INC., New York, N. Y. Filed Feb. 24, 1938. Serial No. 403,356.

BURMA-TAN

For Leather Gloves.
Claims use since Feb. 15, 1937.

359,003. (CLASS 39. CLOTHING.) BUSCARLET GLOVE CO. INC., New York, N. Y. Filed Feb. 24, 1938. Serial No. 403,357.

THE RAGLAN GLOVE

For Leather Gloves.
Claims use since Mar. 5, 1937.

359,004. (CLASS 39. CLOTHING.) THE TOLEDO GLOVE MANUFACTURING COMPANY, Toledo, Ohio. Filed Mar. 18, 1938. Serial No. 404,241.

RUBBERNAP

For Gloves and Gauntlets Made of Fabrics and Combinations of Fabric and Leather.
Claims use since Mar. 1, 1931.

359,005. (CLASS 39. CLOTHING.) WALTER WEISS, doing business as Walter Weiss & Co., New York, N. Y. Filed Mar. 26, 1938. Serial No. 404,506.

"Belle France"

For Ladies' and Men's Handkerchiefs.
Claims use since January, 1932.

359,006. (CLASS 39. CLOTHING.) STYLEPARK HATS, INC., Camden, N. J. Filed Apr. 9, 1938. Serial No. 405,086.

The only hat made with the
"TEMPLEFORM"
headshape

For Men's and Boys' Hats of Felt, Straw, and Straw Braid, Cloth Caps, Men's Silk Hats, and Felt and Straw Hats for Women and Children.
Claims use since February, 1937.

359,007. (CLASS 39. CLOTHING.) CAPSON HAT CO., INC., Fall River, Mass. Filed Apr. 16, 1938. Serial No. 405,342.

PAKAWAY

For Men's Hats.
Claims use since Mar. 17, 1937.

359,008. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE GLIDDEN COMPANY, doing business as The Forest City Paint & Varnish Company, Cleveland, Ohio. Filed Apr. 20, 1938. Serial No. 405,499.

FOREST CITY

For Ready Mixed Paints, Paste Paints, Colors in Oil, Paint Enamels, Transparent Lacquers, Pigmented Lacquers, Varnishes, Varnish Enamels, Paint Thinners, Primers, Paint Driers, Stains, Paint Fillers, Polishes for Automobiles and Furniture.
Claims use since Jan. 1, 1899.

359,009. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HANDY TWINE KNIFE COMPANY, Upper Sandusky, Ohio. Filed May 3, 1938. Serial No. 405,959.

HANDY

For Finger Twine Knife and Bench Twine Cutter.
Claims use since 1912.

359,010. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THOMAS B. PEPIN, New York, N. Y. Filed May 10, 1938. Serial No. 406,192.

TRUE SOLE
TRUE LINE

For Golf Clubs.
Claims use since Apr. 1, 1934.

359,011. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GRIGGS CANNING COMPANY, Natalia, Tex. Filed May 16, 1938. Serial No. 406,379.

NATALIA

For Canned Vegetables.
Claims use since Aug. 15, 1933.

359,012. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) AARON RIPS, doing business as Commercial Optical Company, Omaha, Nebr. Filed May 23, 1938. Serial No. 406,667.

Goodsite

For Spectacles.
Claims use since January, 1935.

359,013. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GOODRICH ELECTRIC COMPANY, Chicago, Ill. Filed May 25, 1938. Serial No. 406,714.

CLOSELITE
GOODRICH ELECTRIC CO.
CHICAGO

For Unitary Electric Lighting Fixtures.
Claims use since April, 1937.

359,014. (CLASS 32. FURNITURE AND UPHOLSTERY.) MALLARY, INC., New Rochelle, N. Y. Filed May 27, 1938. Serial No. 406,816.

mallary

For Furniture—Namely, Beds, Chests, Dressers, Vanities, Springs, Mattresses, Tables, Chairs, Commodes, Sofas, Settees, Ottomans, Studio Couches, Buffets, China Closets, Cupboards, Cabinets, Servers, Consoles, Desks, Secretaries, and Break Fronts.

Claims use since Nov. 20, 1928.

359,015. (CLASS 5. ADHESIVES.) A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill. Filed June 10, 1938. Serial No. 407,335.

STAYBIND

For Adhesive for Combining Plies of Paper and Other Articles.

Claims use since Apr. 2, 1931.

TRADE-MARK REGISTRATIONS RENEWED

118,249. TUBES AND PIPES OF SEAMLESS DRAWN BRASS FOR STEAM SURFACE CONDENSERS. Registered August 21, 1917. WHEELER CONDENSER AND ENGINEERING CO., Carteret, N. J. Renewed August 21, 1937, to Foster Wheeler Corporation, New York, N. Y., a corporation of New York, successor.

122,160. POCKET-KNIVES. Registered July 2, 1918. THE ROBESON CUTLERY COMPANY. Renewed July 2, 1938, to Robeson-Rochester Corporation, Rochester, N. Y., a corporation of New York, assignee.

122,335. ROLLER-BUCKLES. Registered July 23, 1918. NORTH AND JUDD MANUFACTURING COMPANY, New Britain, Conn., a corporation of Connecticut. Renewed July 23, 1938.

122,582. CHEMICAL COMPOUND FOR REMOVING AND PREVENTING RUST. Registered August 27, 1918. DEARBORN CHEMICAL COMPANY, Chicago, Ill., a corporation of Illinois. Renewed August 27, 1938.

122,700. LEATHER, RUBBER, AND CANVAS SHOES AND HOSIERY. Registered September 10, 1918. WM. HAHN & CO., Washington, D. C., a corporation of the District of Columbia. Renewed September 10, 1938.

122,898. FABRIC-COVERED RUBBER HOSE WITH METAL LINING. Registered September 24, 1918. METAL HOSE & TUBING CO., INC., Brooklyn, N. Y. Renewed September 24, 1938, to Metal Hose & Tubing Co., Inc., New York, N. Y., a corporation of New York.

123,017. CERTAIN NAMED FOODS. Registered October 8, 1918. CALIFORNIA PACKING CORPORATION, San Francisco, Calif., a corporation of New York. Renewed October 8, 1938.

123,052. BILLIARD-CUSHIONS. Registered October 8, 1918. THE MANHATTAN RUBBER MFG. CO., New York, N. Y. Renewed October 8, 1938, to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey, assignee.

123,106. MOTOR-FUEL COMPOSED OF GASOLENE AND BENZOL. Registered October 15, 1918. LA DETTE R. CROSS, Syracuse, N. Y. Renewed October 15, 1938, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee by mesne assignments.

123,384. TALCUM POWDER. Registered October 29, 1918. POTTER DRUG & CHEMICAL CORPORATION, Portland, Maine, and Boston, Mass. Renewed October 29, 1938, to Potter Drug & Chemical Corporation, Malden, Mass., a corporation of Maine.

123,399. CANNED SARDINES. Registered October 29, 1918. VAN CAMP SEA FOOD CO., San Pedro, Calif. Renewed October 29, 1938, to Van Camp Sea Food Co. Inc., Terminal Island, Calif., a corporation of California, successor.

123,726. SOAP. Registered December 3, 1918. STERLING PRODUCTS (INCORPORATED), as assignee of Knowlton Danderine Company, Chicago, Ill., and Wheeling, W. Va. Renewed December 3, 1938, to Sterling Products (Incorporated), of New York, N. Y., a corporation of West Virginia, assignee by mesne assignments.

123,868. A TONIC AND DRESSING FOR THE HUMAN HAIR. Registered December 10, 1918. SACRAMENTA G. TANKINS, Atlantic City, N. J. Renewed December 10, 1938.

123,894. CERTAIN NAMED KNITTED, NETTED, AND TEXTILE FABRICS. Registered December 17, 1918. L. C. CHASE & COMPANY, Boston, Mass. Renewed December 17, 1938, to Sanford Mills, Sanford, Maine, a corporation of Maine, assignee.

123,900. CANNED PEARS, CANNED PEACHES, CANNED CHERRIES, CANNED TOMATOES. Registered December 17, 1918. EMERY FOOD COMPANY, Chicago, Ill., a corporation of Illinois. Renewed December 17, 1938.

LABELS

REGISTERED JULY 26, 1938

51,553.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (PLAID PATTERN, BLACK, YELLOW, RED, AND GREEN ON WHITE BACKGROUND). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published April 1, 1938.

51,554.—*Title:* HEARING AID BATTERY. For Hearing Aid Batteries. BURGESS BATTERY COMPANY, Freeport, Ill. Published June 21, 1938.

51,555.—*Title:* DAME NATURE. For a Concentrated Cream Lotion. DAME NATURE CO., New York, N. Y. Published October 12, 1937.

51,556.—*Title:* EXCHANGE BRAND LEMON JUICE. For Canned Lemon Juice. EXCHANGE LEMON PRODUCTS COMPANY, Corona, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California. Published April 16, 1938.

51,557.—*Title:* EXCHANGE CALIFORNIA PURE LEMON JUICE. For Canned Lemon Juice. EXCHANGE LEMON PRODUCTS COMPANY, Corona, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California. Published April 16, 1938.

51,558.—*Title:* HIRAM CUKE. For Pickles. GOLDSMITH PICKLE CO., Chicago, Ill. Published April 19, 1938.

51,559.—*Title:* CROSSFIELD'S DELICIOUS ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published June 25, 1938.

51,560.—*Title:* ASPER-CHOC. For Aspirin. HYMAN MORGENSTERN, New York, N. Y. Published September 10, 1937.

51,561.—*Title:* O-CEDAR WINDOW CLEANER. For a Cleaner for Windows, Windshields, Mirrors, Etc. O-CEDAR CORP'N, Chicago, Ill. Published June 8, 1938.

51,562.—*Title:* CANDY AND TOY. For Candy and Toys. WINTHROP NOVELTY CO. INC., New York, N. Y. Published May 16, 1938.

PRINTS

REGISTERED JULY 26, 1938

16,949.—*Title:* ATLAS COAL. For Coal. ATLAS COAL COMPANY, Newark, N. J. Published July 15, 1938.

16,950.—*Title:* PURALIZED. For Coal. THE MACKIE-CLEMENS FUEL COMPANY, Pittsburg, Kans., and Kansas City, Mo. Published June 24, 1938.

16,951.—*Title:* HE RUNS THE GREATEST SHOW ON EARTH WITH THE PEN THAT HAS WHAT IT TAKES. For Fountain Pens, Mechanical Pencils, and Ink. THE PARKER PEN COMPANY, Janesville, Wis. Published June 25, 1938.

REISSUES

JULY 26, 1938

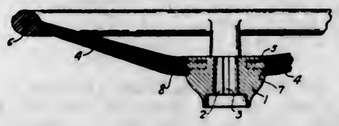
20,807

STEERING WHEEL

Charles W. Beck, Toledo, Ohio, assignor, by mesne assignments, to Nellie M. Beck, Toledo, Ohio

Original No. 2,041,738, dated May 26, 1936, Serial No. 252,251, February 6, 1928. Divided and this application January 2, 1936, Serial No. 57,230. Application for reissue August 26, 1936, Serial No. 97,992

4 Claims. (Cl. 74—552)



1. A steering wheel comprising composition material rim, spoke and hub portions, and a metallic reenforcement for the said wheel, said reenforcement comprising a hub, spokes extending radially of the hub and positively connected thereto, and a rim member connecting the outer ends of the spokes, the hub of the reenforcement being provided with a bore whereby the same may be mounted directly on a steering shaft; the rim and spokes of the reenforcement being embedded within the said composition rim and spoke portions, and the hub of the reenforcement being surrounded by the said composition hub portion, the said connection between the reenforcing spokes and hub being free of the said composition material.

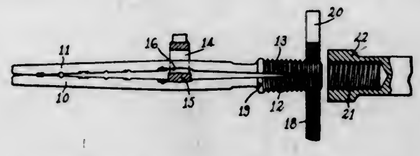
20,808

ELECTRODE HOLDER

Jack Churchward, New Haven, Conn., assignor to The Churchward Engineering Company, Inc., New Haven, Conn., a corporation of Connecticut

Original No. 2,059,438, November 3, 1936, Serial No. 40,047, September 11, 1935. Application for reissue May 23, 1938, Serial No. 209,537

9 Claims. (Cl. 219—8)



3. An electrode holder comprising a pair of jaw members, said members consisting of relatively flat blade portions in opposed relation and half-round complementary threaded portions at the rear ends of the blade portions, a socket member to receive the threaded portions of the jaws, and said jaws being so shaped as originally formed as to diverge from the rear ends of the threaded portions thereof and possessing inherent resiliency whereby when said threaded ends are forced into the socket, the surfaces thereof will be urged by the inherent resiliency into tight contact with the wall of the socket.

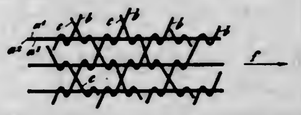
20,809

TULLE AND LACE COMPRISING MULTIPLE ELASTIC THREADS

Augustin Isaac, Lyon, Rhone, France, assignor to Dognin-Société Anonyme, Villeurbanne, Rhone, France, a company of France

Original No. 2,039,419, dated May 5, 1936, Serial No. 745,329, September 24, 1934. Application for reissue April 25, 1938, Serial No. 204,565. In France October 12, 1933

19 Claims. (Cl. 96—24)



1. An elastic tulle fabric comprising a series of warp threads and at least one series of weft threads, each of the threads of at least one of these series consisting of at least two independent elastic elementary threads merely juxtaposed to each other.

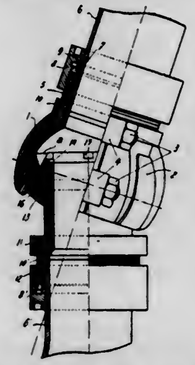
20,810

FLUIDTIGHT COUPLING

Henri Tailleferre, Paris, France

Original No. 2,043,562, dated June 9, 1936, Serial No. 754,242, November 22, 1934. Application for reissue September 9, 1937, Serial No. 163,061

7 Claims. (Cl. 285—91)

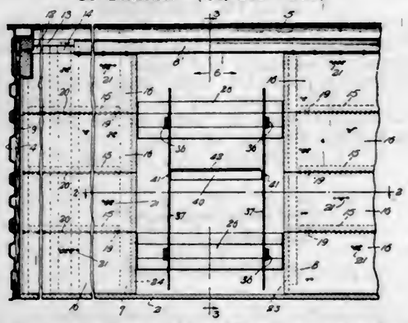


1. A ball and socket joint for connecting together two tubular members intended to contain a fluid under a high pressure, which comprises, in combination, an outer joint element, an inner joint element adapted to fit in said outer joint element, a plurality of annular cup-shaped members disposed inside said outer element between it and the inner element, said annular members bearing tangentially without interruption along their whole periphery on the inner wall of at least one of said elements, means for axially spacing said annular members at given intervals from one another, so that the respective pressures in the successive intervals, from the inside toward the outside have values decreasing from the pressure inside said joint down to a pressure but very little harder than the pressure of the medium surrounding said joint.

20,811
BOXCAR

William L. Thomas, Haverstraw, N. Y., assignor to The New York Central Railroad Company, a corporation of New York

Original No. 2,038,692, dated April 28, 1936, Serial No. 727,172, May 23, 1934. Application for reissue December 29, 1937, Serial No. 182,369
33 Claims. (Cl. 105—376)

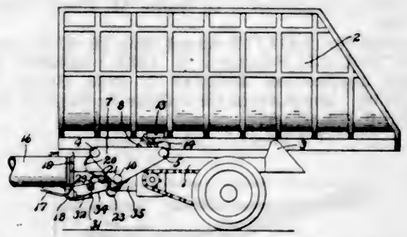


1. In supporting and partitioning means for use in box cars, a car having a doorway, posts at opposite sides of the doorway, angle metal stiles secured to the opposed faces of the posts and having rows of perforations therein, and a supporting or partitioning member having a fixed locking projection at one end for engagement with the perforations in one of the perforated stiles and having a slidable locking projection at its opposite end for engagement with the perforations in the other perforated stile.

20,812
DUMPING BODY HOIST

Louis S. Wood, Grosse Pointe Farms, Mich., assignor to Gar Wood Industries, Incorporated, Detroit, Mich., a corporation of Michigan

Original No. 2,034,544, dated March 17, 1936, Serial No. 118, January 2, 1935. Application for reissue December 20, 1937, Serial No. 180,844
10 Claims. (Cl. 298—22)



1. In combination, a truck having a truck frame, a body tiltably mounted thereon, a hoist supporting structure including spaced apart transverse members located on and above the truck frame and extending at their ends beyond the sides thereof, a pair of spaced apart vertical plates carried by and between said transverse members at each end thereof outside the truck frame, an extensible hydraulic hoist pivotally mounted on and located between the plates of each pair of plates, connections between the upper ends of the hoists and the body and means for simultaneously extending and retracting the hoists.

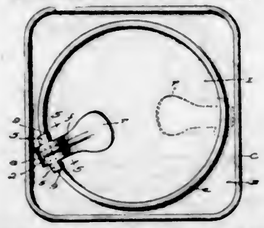
PATENTS

GRANTED JULY 26, 1938

2,124,522
RECEPTACLE OPENER

Seymour Batdorf, Lancaster, Pa., assignor to Liberty Can and Sign Company, Lancaster, Pa., a corporation of Pennsylvania

Application May 8, 1935, Serial No. 20,496
3 Claims. (Cl. 220—43)

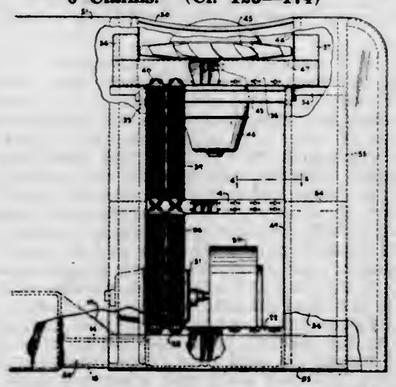


1. A friction closure plug for a receptacle having an opening defined by a frictional sealing seat, said plug having a vertically extending wall and being formed with a radially outwardly extending rim and with a flange integral with said rim and presenting an annular stop shoulder spaced vertically downwardly away from said rim and radially outwardly from the opposed vertically extending wall of said plug, in combination with a receptacle opener comprising a substantially rigid operating lever, a leg integral with and extending substantially vertically downward from said lever, a stiffly resilient prying foot integral with said leg and extending upwardly and radially outwardly therefrom, a rounded cam face formed at the point of mergence of said foot and leg, and means carried by said lever to loosely slidably permanently connect said opener and plug, said means comprising fingers engaging said stop shoulder in the extreme operative position of the lever and preventing the separation of the opener and plug, said prying foot in such extreme outward movement of the lever engaging the vertically extending outer face of the plug.

2,124,523
ENGINE COOLING SYSTEM AND STRUCTURE

Carl L. Blanton, Chester, Pa.

Application February 25, 1936, Serial No. 65,604
6 Claims. (Cl. 123—174)

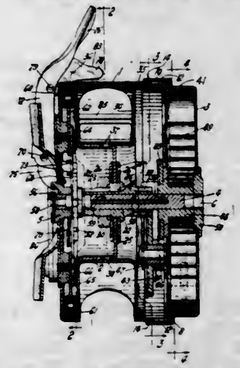


1. In combination, an engine bed having as a self-contained integral unit a cylinder base and a radiator base with a water chamber therein, an upper tank having horizontally spaced chambers with a vertically extending cooling air passageway therebetween, a frame projecting upwardly from the radiator base for supporting said upper tank, radiator sections supported by said radiator base and communicating with said chamber and tank, water chambers, and radiator sections communicating therewith.

2,124,524
AUTOMATIC FISHING REEL

Francis M. Case, deceased, late of Cleveland, Heights, Ohio, by Lucy H. Case, administratrix, Cleveland Heights, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a corporation of Ohio

Application April 11, 1935, Serial No. 15,809
12 Claims. (Cl. 242—84.3)

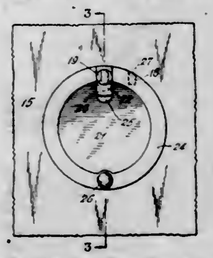


5. In an automatic reel, the combination of a spool, a movable line guide carried by the reel, a pair of brake shoes normally bearing against local regions on opposite sides of the axis of the spool, a manual release lever having operative connection with said brake shoes, and connections between the line guide and the lever whereby the brake shoes may be released concurrently by said elements selectively.

2,124,525
PEEPHOLE DEVICE

William Frankel, New York, N. Y.

Application January 29, 1937, Serial No. 122,980
19 Claims. (Cl. 20—39)



1. A peep-hole device for doors and the like comprising a base plate having a peep-hole there-

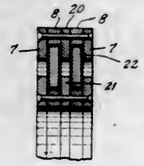
in, a cover plate normally covering the peep-hole in the base plate, said cover plate being movable to expose said peep-hole, a fixed abutment member, and a stop member on the cover plate normally out of engagement with the abutment member but arranged to be brought into engagement with the abutment member to lock the cover plate against opening movement upon the application of rearward pressure to the cover plate.

2,124,526

DIAPHRAGM CLOSURE FOR BEARINGS

Albert H. Goldsworthy, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application April 22, 1937, Serial No. 138,291
5 Claims. (Cl. 288—1)



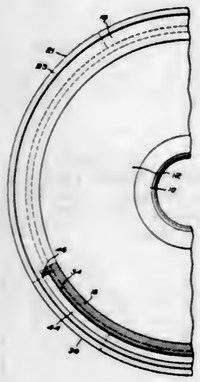
1. A bearing closure comprising outer spaced radial cover rings, securing means therefor, inner spaced radial cover rings in alinement with the respective outer cover rings and spaced radially therefrom, securing means for said inner rings, and a floating diaphragm bridging the gap between the inner and outer sets of cover rings, with its outer peripheral portion disposed between the outer cover rings and its inner peripheral portion disposed between the inner cover rings.

2,124,527

PISTON FOR HORIZONTAL CYLINDERS

Joseph Goostray, Milton, Mass., assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass., a corporation of Massachusetts

Application February 10, 1937, Serial No. 125,101
1 Claim. (Cl. 309—7)



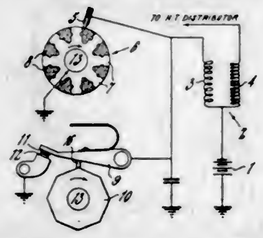
A piston for a horizontal steam cylinder having a segment of its periphery at the lower portion of greater width than the remaining portion, packing rings encircling the piston, the lateral portions of said segment having undercut circumferentially extending recesses opening at at least one end of said portions and preformed segmental bearing elements shaped to provide for their entry into the open end of said recesses and to be radially interlocked therewith.

2,124,528

ELECTRIC IGNITION SYSTEM

Ludvig P. Kongsted, Longmeadow, Mass., assignor to United American Bosch Corporation, Springfield, Mass., a corporation of New York

Application February 6, 1937, Serial No. 124,519
4 Claims. (Cl. 123—148)



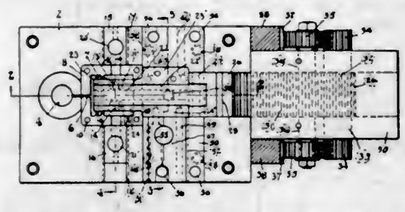
1. In an ignition switch, a source of current, a circuit interrupter comprising a rotary switch connected to said source, an oscillating switch connected to said source in parallel with said rotary switch adapted to close during the closed period of said rotary switch and open after the opening point thereof, and ignition means energized through said switches.

2,124,529

PRESSURE CASTING DIE

Nathan Lester, Cleveland Heights, and Adrian E. Weiss, University City, Ohio, assignors, by mesne assignments, of one-half to Lester Engineering Company, Cleveland, Ohio, a corporation of Ohio, and one-half to The Superior Die Casting Company, Cleveland, Ohio, a corporation of Ohio

Application February 1, 1936, Serial No. 61,844
9 Claims. (Cl. 22—93)



1. In a casting die, the combination of separable die blocks, an ejector mechanism movable with respect to said die blocks, a core member for said die comprising a central core piece and a pair of outer core pieces adapted to make an interlocking fit with said central piece, a guide member carrying said central core piece, supporting means for said guide member connected to one of said die blocks, mechanism connected to said guide member and adapted to move said guide member outwardly from said die upon separation of said die blocks, a base plate connected to said ejector mechanism and movable with respect to one of said die blocks, one of said outer core pieces being connected to said base plate, means for moving said last-named core piece with respect to said base plate, and means for moving said base plate with respect to said last-named die block.

2,124,530

METHOD OF TREATING WELLS

Albert G. Loomis and Harold T. Byck, Berkeley, and James F. Fidlam, Jr., San Francisco, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 20, 1936, Serial No. 86,342
9 Claims. (Cl. 166—21)

1. In the process of treating wells for the removal of deposits consisting of mineral and organic matter, the step of introducing thereinto a liquid comprising an aqueous acid capable of reacting with said mineral matter, and a water-insoluble solvent capable of dissolving said organic matter.

2,124,531

METHOD OF TREATING MINERAL OILS

Franz Rudolf Moser, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application November 22, 1933, Serial No. 699,136. In the Netherlands November 23, 1932
12 Claims. (Cl. 196—18)

8. The method of dewaxing wax-bearing mineral oil which comprises commingling said oil with a wax separation aid consisting of those constituents of cracked residuum which are substantially insoluble in light petroleum naphtha, chilling the mixture to precipitate wax and removing the precipitated wax from the oil.

12. In the process of dewaxing paraffinous oils, the steps which comprise admixing to the paraffinous wax-bearing oil a polymerized liquid SO_2-soluble mineral oil extract, chilling the mixture to solidify wax, and removing the solidified wax from the oil.

2,124,532

MOLDABLE PHENOL-ALDEHYDE RESINS

Josef Schmitz, Wiesbaden, Germany, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa.

No Drawing. Application April 11, 1936, Serial No. 73,859. In Germany April 17, 1935
4 Claims. (Cl. 260—4)

1. The process of preparing filler-free phenol-formaldehyde molding resins capable of being molded to transparent articles, which comprises adding hexamethylenetetramine and a volatile solvent sufficient to dissolve it to a phenol-formaldehyde condensation product, kneading at temperatures of about 100° C. to remove the solvent and simultaneously harden the product to the point at which it begins to assume a rubber-like consistency.

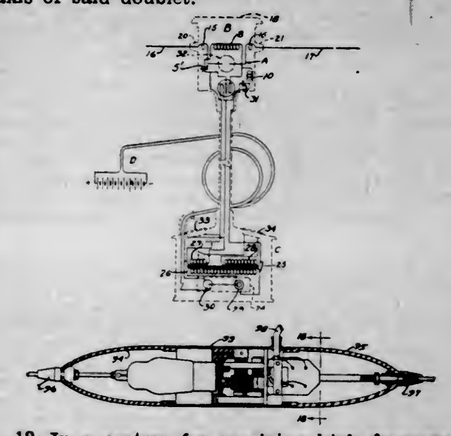
2,124,533

ULTRAHIGH FREQUENCY MARKER BEACON SYSTEM

Constantin D. Barbulesco, Dayton, Ohio

Application February 4, 1935, Serial No. 4,921
25 Claims. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

5. In a system for generating and projecting radiant energy of ultra-high frequency in a substantially vertical direction with respect to an aircraft landing field, antenna means including a doublet and a reflecting means, an ultra-high frequency generator connected with said antenna means, and means suitably spaced from and disposed in symmetrical relation with said doublet for shaping the projected beam in a confined zone extending in a plane substantially normal to the axis of said doublet.



12. In a system for receiving high frequency radiant energy, a high frequency radio receiver, a cylindrical casing for said receiver, a cap fitting over each end of said casing, a high frequency doublet including a pair of aligned sections, one of said sections being carried by each of said end caps, and means for establishing connection between the radio receiving apparatus in said casing and the sections of said doublet when said end caps carrying the sections of said doublet are mounted in position.

2,124,534

GOLF CLUB

George E. Barnhart, Pasadena, Calif.

Application July 16, 1934, Serial No. 735,321
5 Claims. (Cl. 273—80)



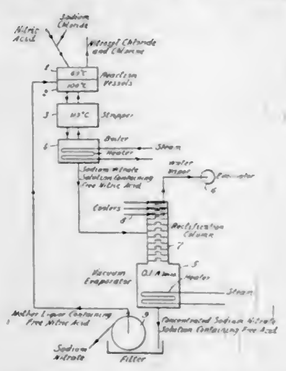
1. A golf club shaft comprising a hollow metal body and including a grip portion at one end and a head portion at the other end, an intermediate portion comprising one part of increasing diameter with the small end secured to the grip portion and a second part of decreasing diameter continuous with the first part, the larger end of the first part being connected to the larger end of the second part, the wall thickness being abruptly increased in the second part at the line of its juncture with the first part, said line of juncture being substantially midway between the head and grip portions.

2,124,535
CHECK-PROTECTING MEANS
Raymond E. Bauder, Chicago, Ill.
Application April 2, 1937, Serial No. 134,653
8 Claims. (Cl. 283—58)



1. A check-book having a bound stack of checks and stubs, the left ends of the checks being joined to the right ends of the stubs along weakened tear lines to allow any check to be detached from its stub in the usual way, each check being provided with a printed indicating portion to the right of its tear line to be torn away according to the amount of the check after detaching the check from its stub, and an elongated tearing strip secured to said stack and permanently located upon the uppermost stub for use as a guide when tearing said indicating portion of any detached check, said tearing strip having a free right edge under which to insert said indicating portion.

2,124,536
RECOVERY OF ALKALI METAL NITRATES
Herman A. Beekhuis, Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y., a corporation of New York
Application August 12, 1933, Serial No. 684,830
2 Claims. (Cl. 23—102)



1. The cyclic process for the production of an alkali metal nitrate which comprises heating a reaction mixture containing nitric acid, an alkali metal chloride and a mother liquor from a previous cycle to form a solution of alkali metal nitrate containing free nitric acid heating said solution under a pressure of about 0.1 atmosphere to evaporate the solution at a temperature at which water vapor is evolved from the solution while the free acid in the solution is retained therein, continuing said evaporation until a substantial quantity of alkali metal nitrate has been crystallized and the acidity of the mother liquor amounts to about 25% or more HNO_3, and introducing resulting mother liquor into a reaction mixture containing nitric acid and alkali metal chloride to form the aforesaid reaction mixture.

2,124,537
MAGNESIUM BASE ALLOY
William O. Binder, Niagara Falls, N. Y., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application April 24, 1937, Serial No. 138,738
5 Claims. (Cl. 75—168)

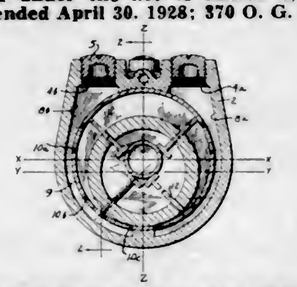
1. A magnesium-base alloy containing from about 0.5 to 22 per cent of lead, from about 0.1 to 1.5 per cent of manganese, and from about 0.5 to 10 per cent of zinc, the balance being magnesium.

2,124,538
METHOD OF MAKING A BORON CARBIDE COMPOSITION
John A. Boyer, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application March 23, 1935, Serial No. 12,589
12 Claims. (Cl. 75—137)



1. The method of making a metallic composition containing boron carbide crystals which comprises forming a mixture of solid boron carbide and a metal of the group of metals having atomic numbers from 26 to 29 inclusive, the quantity of metal in the said mixture being in the proportions to form a substantially continuous matrix upon fusion and solidification of the mixture, heating the said mixture until it becomes fluid, and thereafter cooling the resultant mass so as to cause crystallization of the dissolved boron carbide.

2,124,539
ROTARY PUMP BLADE
James B. Breisford and Jay M. Roth, Dayton, Ohio
Application February 24, 1937, Serial No. 127,507
5 Claims. (Cl. 103—136)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

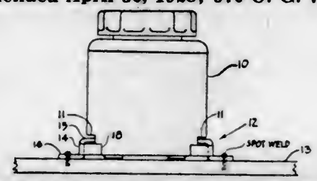


1. A rotary pump comprising a housing having a true circle inside bore, a member having a centralizing cylindrical surface disposed within said bore, a cylindrical rotor member mounted eccentrically in said bore to contact the wall thereof and surround said centralizing surface, said rotor being provided with a radial slot, a one-piece blade in said rotor slot resting between the wall of said housing bore and said centralizing surface and having convex arcuate end bearing surfaces, said blade having both of its arcuate end bearing surfaces struck from a common center, the radius of curvature of the bore bearing end being less than the radius of curvature of the centralizing surface bearing end, the points of tangency of said convex bearing surfaces being coincident with a radial line passing through the longitudinal axis of the aforesaid housing bore and the common center of the convex surface radii, and means for establishing ingress-egress communication with said housing bore on opposite sides of the contact between said cylindrical rotor member and said housing bore.

2,124,540
CELLULOSE ETHER COMPOSITIONS
Edgar C. Britton, Shailer L. Bass, and Earl G. Hallonquist, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application March 6, 1936, Serial No. 67,420
10 Claims. (Cl. 106—40)

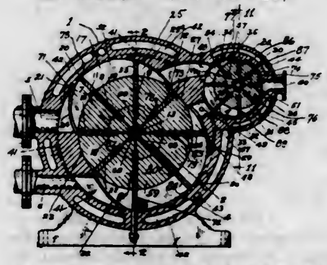
1. A plastic composition comprising a water-insoluble cellulose ether and as a plasticizer therefor a xenyl phosphate in proportions within the limits of its solubility in the ether to increase the moisture resistance of said ether and impart toughness thereto.

2,124,541
ELECTRICAL OUTLET BOX AND CLAMP
Thomas E. Cassey, Chevy Chase, Md.
Application October 14, 1937, Serial No. 168,930
1 Claim. (Cl. 247—21)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



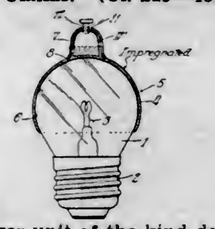
Means for securing a frangible electrical outlet box or fitting to a supporting surface normally subject to vibration and shock, said means comprising a pair of clamps, each clamp having parallel upper and lower feet extending in opposite directions and connected together by a leg normal thereto, the outlet box being provided with slots on opposed sides thereof adapted to receive the upper feet of the clamps, said slots being spaced from the bottom of the box a distance less than the height of the normal legs of the clamps whereby the box is held in spaced relation to the supporting surface.

2,124,542
ROTARY ENGINE
William Chisholm, Toronto, Ontario, Canada
Application November 9, 1933, Serial No. 697,324
10 Claims. (Cl. 123—16)



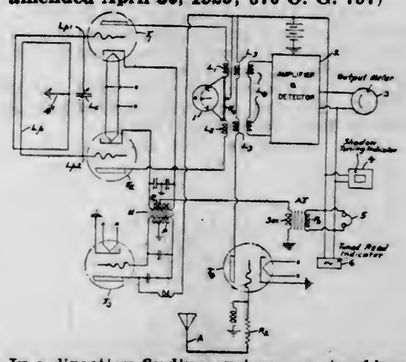
7. In an engine, a casing having an engine rotor chamber provided with an inlet and exhaust port, and a rotary valve chamber therein, an engine rotor mounted in the first named chamber, a rotary transfer valve comprising a drum eccentrically mounted in the valve chamber with a portion of said drum in contact with the inner periphery of the valve chamber, a plurality of vanes mounted in the rotary valve forming with the casing individual chambers therebetween, a valve fuel inlet port, a valve combustion port and a valve exhaust port formed in the casing walls, a fuel charging passage connecting the engine chamber, and the valve inlet port, a fuel combustion port, and means for excluding burned gases from each of the valve chambers before being recharged with fuel.

2,124,543
VAPORIZER
James B. Clyne, Chicago, Ill., assignor to L. Bruce Grannis, Chicago, Ill.
Application October 17, 1936, Serial No. 106,103
9 Claims. (Cl. 219—45)



1. A vaporizer unit of the kind described comprising an electric lamp bulb provided with a coating of absorbent heat resisting plastic material spread directly on and enclosing the major portion of the exterior thereof; said coating susceptible to impregnation with material which will vaporize and diffuse upon the application of heat.

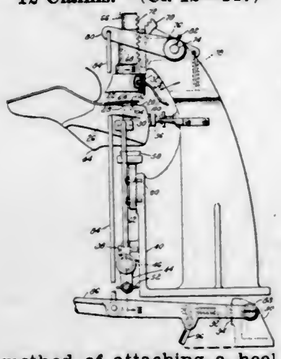
2,124,544
VISUAL INDICATING RADIO DIRECTION FINDER
Howard N. Coulter, United States Navy, San Pedro, and Gerhard R. Fisher, Mountain View, Calif.
Application October 23, 1935, Serial No. 46,314
9 Claims. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



8. In a direction finding system, a pair of heater type thermionic amplifying tubes having cathode, anode and control electrodes, a directional loop antenna connected to the control electrodes of said tubes so as to impress thereon received radio frequency waves of the same frequency and amplitude but of 180° phase difference in the two tubes, a source of modulating frequency connected to the cathodes of said tubes to vary the poten-

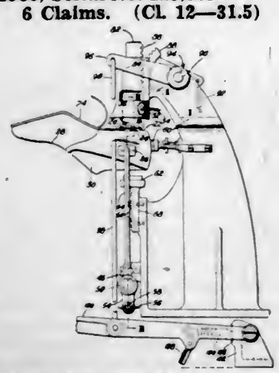
tial of said cathodes with respect to ground at the same frequency and amplitude but at 180° phase difference in the two tubes, a substantially non-directional antenna, means for amplifying and detecting radio frequency waves, means for simultaneously impressing on the input circuit of said last means the radio frequency waves set up in the output circuits of said pair of tubes and the radio frequency waves from said non-directional antenna, means for varying in phase the potential of both of the cathodes of said pair of tubes with respect to ground at the frequency derived from said detector and an indicating device responsive to the difference of current flow in the output circuits of said pair of tubes.

2,124,545
ATTACHING HEELS TO SHOES
Michele Cuozzo, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 22, 1936, Serial No. 81,306
12 Claims. (Cl. 12—147)



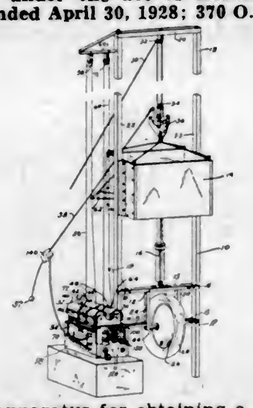
1. The method of attaching a heel to a shoe which comprises, providing upon the heel seat of the shoe a thick molded mass of adhesive material the exposed surface of which is complemental to substantially the entire attaching face of the heel, and thereafter forcing the heel with clamping pressure against the heel seat of the shoe.

2,124,546
HEEL-SEAT FORMING MACHINE
Michele Cuozzo, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Original application May 22, 1936, Serial No. 81,306. Divided and this application December 31, 1936, Serial No. 118,625
6 Claims. (Cl. 12—31.5)



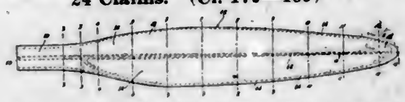
1. In a machine in which pressure is applied against the heel seat of a shoe mounted upon a form to mold said heel seat, a pair of wipers constructed and arranged to be engaged by limited areas of opposite sides of the counter portion of the shoe, and an abutment independent of said wipers, said abutment being arranged to enable the shoe to be moved with relation to said wipers by pressure applied against the heel seat of the shoe until limited by the engagement of said form with said abutment thereby causing limited portions of the sides of the counter portion of the shoe to be wiped toward the heel seat as the shoe is moved toward the abutment.

2,124,547
RECORDING INSTRUMENT
Theophile de Port, Dayton, Ohio
Application October 28, 1930, Serial No. 491,721
14 Claims. (Cl. 234—65)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An apparatus for obtaining a record of the relative positions of a plurality of non-synchronously movable parts of a mechanism comprising, in combination, mark-receiving surfaces connected to said parts respectively to respond to the movements thereof, and marking means arranged in operative relation to said surfaces for marking said surfaces simultaneously and periodically during the movements of said parts.

2,124,548
PROPELLER
Thomas A. Dicks, Pittsburgh, Pa.
Application July 26, 1937, Serial No. 155,770
24 Claims. (Cl. 170—159)



1. A propeller blade comprising a sheet of metal defining one face, one edge and a portion of the second face of the blade, a second sheet of metal welded to the first said sheet and completing said second face, and a rib integral with one of said sheets extending from the junction of the sheets to the opposed portion of said first sheet.

2,124,549
PROPELLER BLADE
Thomas A. Dicks, Pittsburgh, Pa.
Application January 17, 1938, Serial No. 185,415
20 Claims. (Cl. 170—159)

1. A propeller blade comprising one face substantially defined by a unitary blank, an opposed face substantially defined by a plurality of blanks, welded joints connecting said blanks and



a reinforcing rib extending from said opposed face to said unitary blank.

2,124,550
MEASURING INSTRUMENT
Charles S. Evans, Oakland, Calif.
Application May 24, 1933, Serial No. 672,648
20 Claims. (Cl. 33—111)



9. In a measuring instrument a scale comprising a zero graduation, graduations on one side of the zero graduation and defining a plurality of spaces representing values related to a linear unit, graduations for dividing such spaces into selected fractional parts, and graduations spaced across the scale from the inner end of each of said fractionally divided spaces to set off on the scale face a plurality of overlapping series of spaces, and means bearing indicia for evaluating each of said series.

2,124,551
LIQUID SPRAYING DEVICE
Henry L. Friedman, East Cleveland, and Max Pollock, Cleveland, Ohio; said Pollock assignor to William J. Wesseler, East Cleveland, Ohio
Application March 4, 1935, Serial No. 9,182
7 Claims. (Cl. 299—56)



1. An apparatus of the character described having in combination, a substantially closed chamber having an inlet passageway connected with a source of liquid under pressure and having a series of discharge orifices in at least one wall thereof, the orifices being of less area collectively than the area of the inlet passageway, and a vertically positioned tube having a closed top and an open lower end in spaced relation to the bottom of said chamber and providing air cushioning means for the liquid within the chamber located substantially centrally of said chamber.

2,124,552
MAGNESIUM ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application November 23, 1936, Serial No. 112,289
3 Claims. (Cl. 75—168)

1. A magnesium-base alloy consisting of approximately 1 per cent to 16 per cent of aluminum, 0.5 per cent to 10 per cent of tin, and 0.5 per cent to 10 per cent of zinc, the balance being magnesium.

2,124,553
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application May 29, 1937, Serial No. 145,509
3 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from about 1 to 15 per cent of aluminum and from about 0.5 to 10 per cent of mercury, the balance being magnesium.

2,124,554
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 2, 1937, Serial No. 156,941
4 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from approximately 1 to 12 per cent of aluminum, and from about 1 to 10 per cent of cadmium, and from about 0.5 to 10 per cent of lead, the balance being magnesium.

2,124,555
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 2, 1937, Serial No. 156,942
3 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from approximately 1 to 12 per cent of aluminum, and from about 0.5 to 10 per cent of cadmium, and from about 0.1 to 0.5 per cent of manganese, and from about 0.5 to 8 per cent of zinc, the balance being magnesium.

2,124,556
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 2, 1937, Serial No. 156,943
3 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from approximately 1 to 12 per cent of aluminum, from about 0.5 to 10 per cent of cadmium, and from about 0.1 to 0.5 per cent of manganese, and from about 1 to 10 per cent of lead, and from about 1 to 8 per cent of tin, the balance being magnesium.

2,124,557
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 2, 1937, Serial No. 156,944
3 Claims. (Cl. 75—168)

2. A magnesium base alloy containing about 0.5 to 10 per cent of antimony, about 0.5 to 15 per cent of copper, the balance being magnesium.

2,124,558
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Original application August 2, 1937, Serial No. 156,942. Divided and this application February 3, 1938, Serial No. 188,459
4 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from approximately 1 to 12 per cent of aluminum, and from about 0.5 to 10 per cent of cadmium, and from about 0.1 to 0.5 per cent of manganese, and from about 0.5 to 8 per cent of zinc, and from about 1 to 10 per cent of lead, the balance being magnesium.

2,124,559
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Original application August 2, 1937, Serial No. 156,941. Divided and this application February 3, 1938, Serial No. 188,460
4 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing about 1 to 12 per cent of aluminum, about 1 to 10 per cent of cadmium, about 0.5 to 10 per cent of lead, and about 0.5 to 8 per cent of tin, the balance being magnesium.

2,124,560
MAGNESIUM BASE ALLOY
John A. Gann., Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Original application August 2, 1937, Serial No. 156,941. Divided and this application February 3, 1938, Serial No. 188,461
4 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing about 1 to 12 per cent of aluminum, about 1 to 10 per cent of cadmium, about 0.5 to 10 per cent of lead, and about 0.5 to 8 per cent of zinc, the balance being magnesium.

2,124,561
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Original application August 2, 1937, Serial No. 156,941. Divided and this application February 3, 1938, Serial No. 188,462
4 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing about 1 to 12 per cent of aluminum, about 1 to 10 per cent of cadmium, about 0.5 to 10 per cent of lead, about 0.5 to 8 per cent of tin, and about 0.5 to 8 per cent of zinc, the balance being magnesium.

2,124,562
MAGNESIUM BASE ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Original application August 2, 1937, Serial No. 156,943. Divided and this application February 5, 1938, Serial No. 188,930
4 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from approximately 1 to 12 per cent of aluminum, from about 0.5 to 10 per cent of cadmium, and from about 0.1 to 0.5 per cent of manganese, and from about 1 to 10 per cent of lead, and from about 1 to 8 per cent of tin, and from about 0.5 to 8 per cent of zinc, the balance being magnesium.

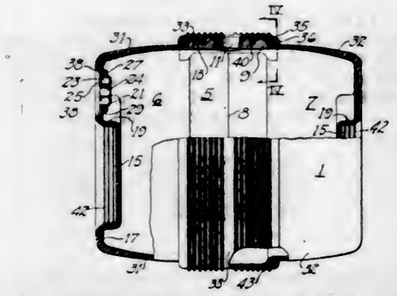
2,124,563
MAGNESIUM ALLOY
John A. Gann, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan.
No Drawing. Original application November 23, 1936, Serial No. 112,289. Divided and this application April 14, 1938, Serial No. 202,008
3 Claims. (Cl. 75—168)

1. A magnesium-base alloy consisting of approximately 1 per cent to 16 per cent of aluminum, 0.5 per cent to 10 per cent of tin, 0.5 per cent to 10 per cent of zinc, and 1 per cent to 10 per cent of cadmium, the balance being magnesium.

2,124,564
METAL PURIFICATION
Harvey N. Gilbert and Norval D. Clare, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 4, 1936, Serial No. 109,128
11 Claims. (Cl. 75—66)

1. A process for removing mercury from a mixture of mercury and an alkali metal comprising contacting said mixture with a metal which will react with mercury to form an amalgam which is substantially immiscible with said alkali metal and separating said amalgam from said alkali metal.

2,124,565
LIQUID CONTAINER
Frank D. Goll and James K. Wareham, New Kensington, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application March 3, 1934, Serial No. 713,840
7 Claims. (Cl. 220—9)



1. A single wall metal barrel for beer and the like having an external centrally positioned apertured circumferential rib formed integrally therewith and a rectangular side bung fitting mounted in the aperture and forming a section of said rib and conforming externally to the contour thereof, said fitting having one pair of opposite edges attached to said rib, the other pair being attached to the sides of the barrel and being curved to form flanges of the same thickness as the portion of the wall to which they are attached, said side bung fitting having a substantially flat inner surface.

2,124,566
CONVERSION OF HYDROCARBONS
Aristid V. Grosse, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application September 30, 1936, Serial No. 103,395
4 Claims. (Cl. 260—668)

1. A process for the production of aromatic hydrocarbons from aliphatic hydrocarbons of from six to twelve carbon atoms, which comprises dehydrogenating and cyclicizing the aliphatic hydrocarbon by subjection to a temperature of the order of 400 to 700° C. for a period of time of about 6 to 50 seconds, in the presence of a compound of a metal from the left hand column of Group VI of the periodic table and selected from the class consisting of chromium, molybdenum, tungsten and uranium.

2,124,567
CONVERSION OF HYDROCARBONS
Aristid V. Grosse, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application October 15, 1936, Serial No. 105,717
4 Claims. (Cl. 260—168)

1. A process for the production of aromatic hydrocarbons from aliphatic hydrocarbons of from six to twelve carbon atoms, which comprises dehydrogenating and cyclicizing the aliphatic hydrocarbon by subjection to a temperature of the order of 400 to 700° C. for a period of about 6 to 50 seconds, in the presence of an aluminum oxide catalyst containing a relatively small amount of an oxide of a metal from the left hand column of Group VI of the periodic table and selected from the class consisting of chromium, molybdenum, tungsten and uranium.

2,124,568
PRIMING COMPOSITION
George C. Hale and William H. Rinkenbach, Dover, N. J.
No Drawing. Original application September 26, 1935, Serial No. 42,284. Divided and this application January 24, 1938, Serial No. 186,707
2 Claims. (Cl. 52—4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. A priming composition consisting of normal lead dinitroresorcinate and black powder.

2,124,569
PRIMING COMPOSITION
George C. Hale and William H. Rinkenbach, Dover, N. J.
No Drawing. Original application September 26, 1935, Serial No. 42,284. Divided and this application January 24, 1938, Serial No. 186,708
2 Claims. (Cl. 52—4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. A priming composition consisting of normal lead dinitroresorcinate and tetracene.

2,124,570
PRIMING COMPOSITION
George C. Hale and William H. Rinkenbach, Dover, N. J.
No Drawing. Original application September 26, 1935, Serial No. 42,284. Divided and this application January 24, 1938, Serial No. 186,709
1 Claim. (Cl. 52—4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

A priming composition consisting of normal lead dinitroresoreinate and nitrocellulose.

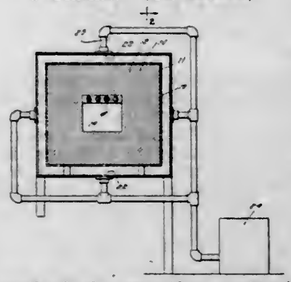
2,124,571
MAGNESIUM BASE ALLOY
Joseph D. Hanawalt and Charles E. Nelson, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application May 29, 1937, Serial No. 145,564
2 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from about 1 to 10 per cent of cadmium, from about 0.1 to 1.5 per cent of manganese, from about 0.5 to 22 per cent of lead, the balance being magnesium.

2,124,572
MAGNESIUM BASE ALLOY
Joseph D. Hanawalt and Charles E. Nelson, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Original application May 29, 1937, Serial No. 145,564. Divided and this application April 14, 1938, Serial No. 202,007
2 Claims. (Cl. 75—168)

1. A magnesium-base alloy containing from about 1 to 10 per cent of cadmium, from about 0.1 to 1.5 per cent of manganese, from about 0.5 to 22 per cent of lead, from about 1 to 10 per cent of zinc, the balance being magnesium.

2,124,573
ENVELOPING ATMOSPHERE CONTROL
Carl I. Hayes, Providence, R. I.
Application October 21, 1936, Serial No. 106,751
6 Claims. (Cl. 266—5)

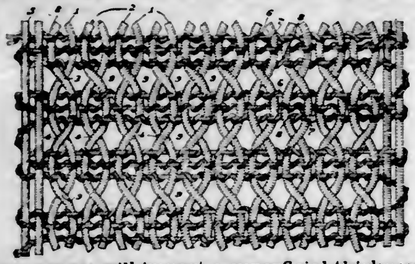


1. The method of preventing contamination of an enveloping atmosphere in a heat treatment chamber from gases in the insulation thereof, comprising the step of reducing pressure at the outer portion of the insulation to a pressure less than the pressure within the chamber to prevent inward flow of gases therefrom.

2,124,574
ELASTIC FABRIC
Richard Hesse, Melrose, Mass., assignor to Everlastik, Incorporated, Chelsea, Mass., a corporation of Massachusetts
Application July 14, 1937, Serial No. 153,571
2 Claims. (Cl. 139—421)

1. A woven elastic fabric comprising elastic warp strands with sets of said warp strands combining to form leno constructions, and picks of weft crossing said warp strands and interwoven therewith, said picks of weft consisting of threads the bodies of which are small relative to the size of the warp strands whereby they may entwine around the warp strands and have relatively long friction bearing against the same at the points of interweaving, and which bodies of

the weft threads are provided with knotty sinuous surface excrescences whereby the frictional resistance between the wefts and warp strands will be increased, and whereby, also, the said



excrescences will impart a superficial thickness to the weft threads and enable them to better separate the warp strands for obtaining relatively large openings in the fabric.

2,124,575

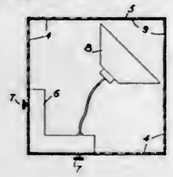
ACOUSTIC DEVICE

James C. Karnes, Buffalo, N. Y.

Application October 30, 1934, Serial No. 750,678

5 Claims. (Cl. 181—31)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. In an acoustic device, a container comprising enclosing walls, the inside of the walls of one corner of the container being planar and constituting a sound diffusing baffle, a sound radiator including a horn within the container and having its axis directed towards the corner constituting the baffle whereby sound waves delivered against the baffle are reflected uniformly with respect to the sound radiator, and the portion of the container enclosing the sound radiator having sound emergent openings.

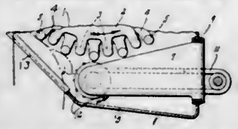
2,124,576

TRANSFER DEVICE

Walter F. Knebusch, Cleveland, and Foster F. Hillix, Lakewood, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware

Application August 21, 1935, Serial No. 37,252

8 Claims. (Cl. 18—8)



1. In thread processing apparatus including a rotatable thread-storage, thread-advancing device, means for transferring thread from said device comprising a rotatable carrier having associated therewith a plurality of elongated blades individually adapted to flex along substantially their entire lengths in a plane perpendicular to the axis of rotation of said carrier, the extremities of said blades being disposed equidistantly from the axis of rotation of said carrier for engaging the surface of said thread-storage, thread-advancing device and removing therefrom the thread to be transferred.

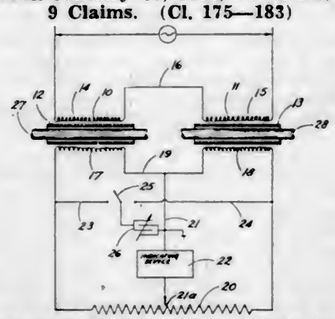
2,124,577

METHOD AND APPARATUS FOR TESTING METAL ARTICLES FOR DEFECTS

Horace C. Knerr, Philadelphia, Pa., assignor to Steel & Tubes, Inc., Cleveland, Ohio, a corporation of Ohio

Application January 30, 1932, Serial No. 589,887

9 Claims. (Cl. 175—183)



1. The method of locating defects in a metallic non-magnetic article, comprising subjecting the article to a substantially constant alternating exciting field and thereby inducing in the article circulating currents which create a counter-magnetic field externally of the article, flow of said circulating currents and said counter-magnetic field being substantially uniform in regions free from defects and being distorted by a defect in a region exposed to said exciting field, and electrically detecting the occurrence of such distortion of said counter-magnetic field caused by a defect.

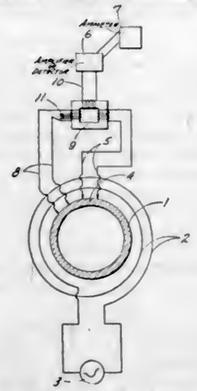
2,124,578

APPARATUS AND METHOD FOR TESTING METAL ARTICLES

Horace C. Knerr, Philadelphia, and Alfred R. Sharples, Drexel Hill, Pa., assignors, by direct and mesne assignments, to Steel & Tubes, Inc., Cleveland, Ohio, a corporation of Ohio

Application August 6, 1932, Serial No. 627,798

4 Claims. (Cl. 175—183)



1. Apparatus for electrically testing electrically conductive articles which includes a coil having its axis located in a fixed position and being adapted to carry alternating current, said coil being so mounted that relative axial movement may take place between said coil and an electrically conductive article which is long axially as compared with the axial length of said coil, is disposed on the fixed axis of said coil and is in inductive relation to the coil, the alternating current flowing in said coil serving to induce a flow of current circumferentially in the portion of the article within said coil, a detector circuit having a pair of contacts fixed in position relative to the coil and engaging the exterior surface of the article at circumferentially spaced points within the magnetic field created by current flowing in said coil, and electrical means operatively associated with the detector circuit for indicating variations in current flowing therein and thereby locating the presence and position of defects.

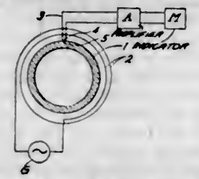
2,124,579

METHOD OF AND APPARATUS FOR TESTING METALLIC ARTICLES

Horace C. Knerr, Philadelphia, and Alfred R. Sharples, Drexel Hill, Pa., assignors, by direct and mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio, a corporation of Ohio

Application January 30, 1937, Serial No. 123,256

24 Claims. (Cl. 175—183)



1. The method of detecting small defects in metal articles which includes the steps of positioning a short length only of a conductor in closely coupled inductive relation to the part of the article to be examined for defects and at substantially right angles to the longitudinal axis of the defect, causing varying current to flow in the article in a direction substantially at right angles to the longitudinal axis of the defect, and detecting the defect by indicating defect caused variations in E. M. F. induced in the inductive part of the conductor.

11. In apparatus for the non-destructive testing of metallic articles, an electrical conductor arranged to encircle the article to be tested, a source of alternating electrical current connected to said conductor, means for causing relative movement of said article and the field created by said conductor, and flaw detector means disposed in fixed relation to said alternating current carrying conductor and in inductive relation to said article, said detector means including a closed electrical circuit having only a short portion thereof disposed in maximum inductive relation to said article and means for indicating variations in the E. M. F. induced in said closed circuit.

2,124,580

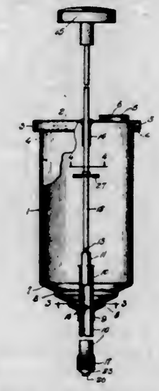
EMULSIFYING DEVICE

George Lavine, Brooklyn, N. Y., assignor to Oakdale Contracting Company, Inc., New York, N. Y., a corporation of New York

Application December 13, 1934, Serial No. 757,399

11 Claims. (Cl. 99—267)

1. A portable emulsifying device of the shaker type comprising a cylindrical container closed at its upper end, a compression cylinder communicating through a wall of said container and provided with a port for establishing communication between said container and the interior of said cylinder, a check valve structure provided at the outer end of said cylinder, a piston mounted for reciprocation in said cylinder and having an actuating rod extending axially through the closed upper end of the container, said actuating



rod being adapted for reciprocating said piston to draw liquid from said container into said cylinder through said port and to expel the same under pressure through said check valve structure in an emulsified condition axially of said compression cylinder.

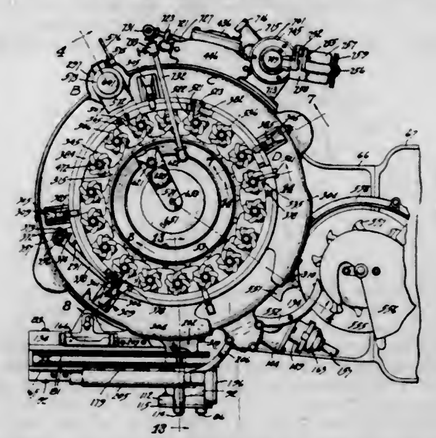
2,124,581

CAN FILLING MACHINE

Robert Luthi, Newark, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

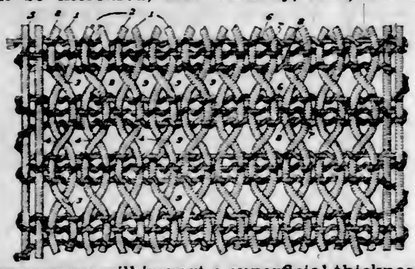
Application November 28, 1933, Serial No. 700,156

22 Claims. (Cl. 226—98)



7. A vacuum filling machine for cans comprising in combination, a liquid supply tank, filling heads mounted on said tank for filling liquid into cans, devices for clamping a can in a said head, a passageway in each head communicating with a source of vacuum, a combination air and liquid valve unit associated with each head for opening and closing connections between a clamped can and the source of vacuum and between said can and the liquid of said supply tank, actuating devices for controlling operation

the weft threads are provided with knotty sinuous surface excrescences whereby the frictional resistance between the wefts and warp strands will be increased, and whereby, also, the said

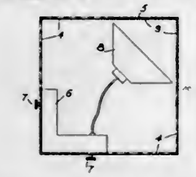


excrescences will impart a superficial thickness to the weft threads and enable them to better separate the warp strands for obtaining relatively large openings in the fabric.

2,124,575

ACOUSTIC DEVICE

James C. Karnes, Buffalo, N. Y.
Application October 30, 1934, Serial No. 750,678
5 Claims. (Cl. 181—31)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

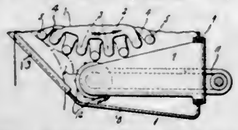


2. In an acoustic device, a container comprising enclosing walls, the inside of the walls of one corner of the container being planar and constituting a sound diffusing baffle, a sound radiator including a horn within the container and having its axis directed towards the corner constituting the baffle whereby sound waves delivered against the baffle are reflected uniformly with respect to the sound radiator, and the portion of the container enclosing the sound radiator having sound emergent openings.

2,124,576

TRANSFER DEVICE

Walter F. Knebusch, Cleveland, and Foster F. Hillix, Lakewood, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
Application August 21, 1935, Serial No. 37,252
8 Claims. (Cl. 18—8)

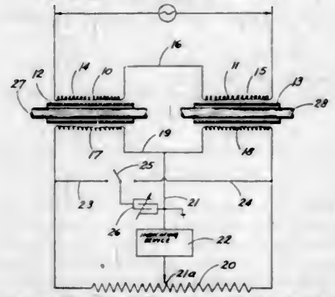


1. In thread processing apparatus including a rotatable thread-storage, thread-advancing device, means for transferring thread from said device comprising a rotatable carrier having associated therewith a plurality of elongated blades individually adapted to flex along substantially their entire lengths in a plane perpendicular to the axis of rotation of said carrier, the extremities of said blades being disposed equidistantly from the axis of rotation of said carrier for engaging the surface of said thread-storage, thread-advancing device and removing therefrom the thread to be transferred.

2,124,577

METHOD AND APPARATUS FOR TESTING METAL ARTICLES FOR DEFECTS

Horace C. Knerr, Philadelphia, Pa., assignor to Steel & Tubes, Inc., Cleveland, Ohio, a corporation of Ohio
Application January 30, 1932, Serial No. 589,887
9 Claims. (Cl. 175—183)

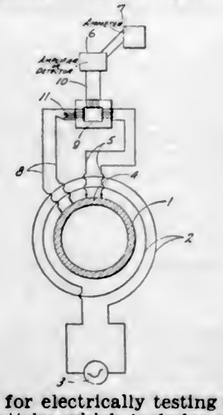


1. The method of locating defects in a metallic non-magnetic article, comprising subjecting the article to a substantially constant alternating exciting field and thereby inducing in the article circulating currents which create a counter-magnetic field externally of the article, flow of said circulating currents and said counter-magnetic field being substantially uniform in regions free from defects and being distorted by a defect in a region exposed to said exciting field, and electrically detecting the occurrence of such distortion of said counter-magnetic field caused by a defect.

2,124,578

APPARATUS AND METHOD FOR TESTING METAL ARTICLES

Horace C. Knerr, Philadelphia, and Alfred R. Sharples, Drexel Hill, Pa., assignors, by direct and mesne assignments, to Steel & Tubes, Inc., Cleveland, Ohio, a corporation of Ohio
Application August 6, 1932, Serial No. 627,798
4 Claims. (Cl. 175—183)

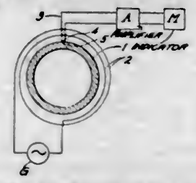


1. Apparatus for electrically testing electrically conductive articles which includes a coil having its axis located in a fixed position and being adapted to carry alternating current, said coil being so mounted that relative axial movement may take place between said coil and an electrically conductive article which is long axially as compared with the axial length of said coil, is disposed on the fixed axis of said coil and is in inductive relation to the coil, the alternating current flowing in said coil serving to induce a flow of current circumferentially in the portion of the article within said coil, a detector circuit having a pair of contacts fixed in position relative to the coil and engaging the exterior surface of the article at circumferentially spaced points within the magnetic field created by current flowing in said coil, and electrical means operatively associated with the detector circuit for indicating variations in current flowing therein and thereby locating the presence and position of defects.

2,124,579

METHOD OF AND APPARATUS FOR TESTING METALLIC ARTICLES

Horace C. Knerr, Philadelphia, and Alfred R. Sharples, Drexel Hill, Pa., assignors, by direct and mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio, a corporation of Ohio
Application January 30, 1937, Serial No. 123,256
24 Claims. (Cl. 175—183)



1. The method of detecting small defects in metal articles which includes the steps of positioning a short length only of a conductor in closely coupled inductive relation to the part of the article to be examined for defects and at substantially right angles to the longitudinal axis of the defect, causing varying current to flow in the article in a direction substantially at right angles to the longitudinal axis of the defect, and detecting the defect by indicating defect caused variations in E. M. F. induced in the inductive part of the conductor.

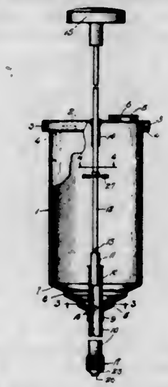
11. In apparatus for the non-destructive testing of metallic articles, an electrical conductor arranged to encircle the article to be tested, a source of alternating electrical current connected to said conductor, means for causing relative movement of said article and the field created by said conductor, and flaw detector means disposed in fixed relation to said alternating current carrying conductor and in inductive relation to said article, said detector means including a closed electrical circuit having only a short portion thereof disposed in maximum inductive relation to said article and means for indicating variations in the E. M. F. induced in said closed circuit.

2,124,580

EMULSIFYING DEVICE

George Lavine, Brooklyn, N. Y., assignor to Oakdale Contracting Company, Inc., New York, N. Y., a corporation of New York
Application December 13, 1934, Serial No. 757,399
11 Claims. (Cl. 99—267)

1. A portable emulsifying device of the shaker type comprising a cylindrical container closed at its upper end, a compression cylinder communicating through a wall of said container and provided with a port for establishing communication between said container and the interior of said cylinder, a check valve structure provided at the outer end of said cylinder, a piston mounted for reciprocation in said cylinder and having an actuating rod extending axially through the closed upper end of the container, said actuating

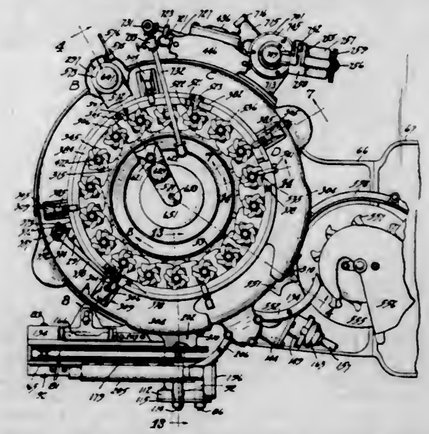


rod being adapted for reciprocating said piston to draw liquid from said container into said cylinder through said port and to expel the same under pressure through said check valve structure in an emulsified condition axially of said compression cylinder.

2,124,581

CAN FILLING MACHINE

Robert Luthi, Newark, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application November 28, 1933, Serial No. 700,156
22 Claims. (Cl. 226—98)



7. A vacuum filling machine for cans comprising in combination, a liquid supply tank, filling heads mounted on said tank for filling liquid into cans, devices for clamping a can in a said head, a passageway in each head communicating with a source of vacuum, a combination air and liquid valve unit associated with each head for opening and closing connections between a clamped can and the source of vacuum and between said can and the liquid of said supply tank, actuating devices for controlling operation

of said valves with the resulting vacuumization and filling of said cans, and locking devices associated with each of said valve units for preventing inadvertent operation.

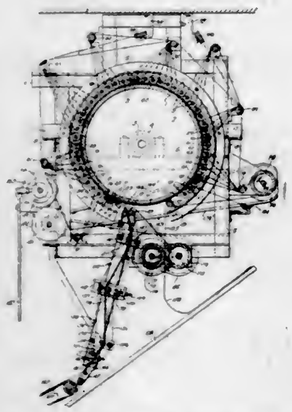
22. A vacuum filling machine for cans comprising, in combination, a syrup supply tank, a filling head mounted on said tank and adapted to hold cans to be vacuumized and filled, said head having vacuum passages therein and having connection with the interior of said tank and with a source of vacuum, a combination air and syrup valve rotatably mounted in said head and having a plane surface disposed in sealing engagement with a corresponding surface of said filling head, said valve having vacuum passages therein and adapted to control vacuumizing and liquid filling of a said held can and mounted for rotation on a vertical axis, the engagement between said valve and head including a liquid sealing groove disposed in said filling head below said valve, the periphery of said valve overhanging said groove, the engagement of said valve and filling head permitting the circulation of a small quantity of water through the vacuum passages in said head and in said valve during the vacuumization of the can to prevent crystallization of the syrup in said passages.

2,124,582

ART AND MACHINE FOR WORKING PAPER

Douglas M. McBean, Canajoharie, N. Y., assignor, by mesne assignments, to The Paper Service Company, Lockland, Ohio, a corporation of Ohio

Application February 1, 1933, Serial No. 654,588
Renewed October 18, 1937
12 Claims. (Cl. 154—30)



1. In a paper working machine a movable paper gripping surface with a multiplicity of longitudinal grooves formed therein, a plurality of sheaves journaled in close proximity to said movable gripping surface, cords or gripping bands carried by said sheaves and maintained respectively in said grooves, means for supplying paper stock between said sheaves and the movable surface to be engaged between said cords and said movable surface and means for driving said drum and sheaves to progressively convey the paper stock between the cords and movable surface to form longitudinal corrugations in the stock, said cords being formed of a continuous cord, means for distributing the loops of the cord to and from the respective sheaves, and a single means for maintaining the desired tension on said cord.

2,124,583

CONVERSION OF HYDROCARBONS

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application September 30, 1936, Serial No. 103,393
4 Claims. (Cl. 260—668)

1. A process for the production of aromatic hydrocarbons from aliphatic hydrocarbons of from six to twelve carbon atoms, which comprises dehydrogenating and cyclicizing the aliphatic hydrocarbon by subjection to a temperature of the order of 400 to 700° C. for a period of about 6 to 50 seconds, in the presence of a compound of a metal from the left hand column of Group IV of the periodic table and selected from the class consisting of titanium, zirconium, cerium, hafnium and thorium.

2,124,584

CONVERSION OF HYDROCARBONS

Jacque C. Morrell and Aristid V. Grosse, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application September 30, 1936, Serial No. 103,394
4 Claims. (Cl. 260—668)

1. A process for the production of aromatic hydrocarbons from aliphatic hydrocarbons of from six to twelve carbon atoms, which comprises dehydrogenating and cyclicizing the aliphatic hydrocarbon by subjection to a temperature of the order of 400 to 700° C. for a period of about 6 to 50 seconds, in the presence of a compound of a metal from the left hand column of Group V of the periodic table and selected from the class consisting of vanadium, columbium and tantalum.

2,124,585

CONVERSION OF HYDROCARBONS

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application October 15, 1936, Serial No. 105,713
4 Claims. (Cl. 260—668)

1. A process for the production of aromatic hydrocarbons from aliphatic hydrocarbons of from six to twelve carbon atoms, which comprises dehydrogenating and cyclizing the aliphatic hydrocarbon by subjection to a temperature of the order of 400 to 700° C. for a period of about 6 to 50 seconds, in the presence of an aluminum oxide catalyst containing a relatively small amount of an oxide of a metal from the left hand column of Group IV of the periodic table and selected from the class consisting of titanium, zirconium, cerium, hafnium and thorium.

2,124,586

CONVERSION OF HYDROCARBONS

Jacque C. Morrell and Aristid V. Grosse, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application October 15, 1936, Serial No. 105,715
4 Claims. (Cl. 260—668)

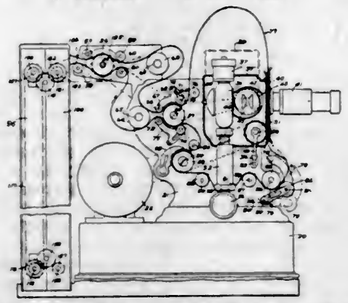
1. A process for the production of aromatic hydrocarbons from aliphatic hydrocarbons of from six to twelve carbon atoms, which comprises dehydrogenating and cyclicizing the aliphatic hydrocarbon by subjection to a temperature of the order of 400 to 700° C. for a period of about 6 to 50 seconds, in the presence of an aluminum oxide catalyst containing a relatively small amount of an oxide of a metal from the left band column of Group V of the periodic table and selected from the class consisting of vanadium, columbium and tantalum.

2,124,587

MOTION PICTURE PROJECTOR

William J. Morrissey, Brooklyn, N. Y.

Application November 26, 1934, Serial No. 754,697
2 Claims. (Cl. 88—16.2)



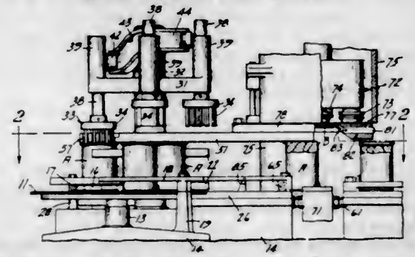
2. In a motion picture device, a motion picture film strip, a frame, a film gate, a sound gate spaced apart from said film gate, a series of free rollers for guiding the film to and from said sound gate, some of which are positioned between said gates, said series of free rollers being provided for carrying the film strip with a minimum of sprocket tooth ripple, an arm pivoted on said frame, an engaging roller carried by said arm and normally positioned in engagement with one of said free rollers positioned between said gates, a stud carried by said arm and spaced apart from said engaging roller whereby when said arm is turned to disengage the latter from said last free roller for threading the device, said stud and said free roller define a predetermined length of film between said film gate and said sound gate adapted to form a loop when the arm is turned to re-engage said engaging roller with said last free roller, and a sprocket spaced apart from said series of free rollers for pulling said film strip along a path formed by said free rollers.

2,124,588

TOPPING MECHANISM

John H. Murch, East Orange, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application July 17, 1935, Serial No. 31,914
10 Claims. (Cl. 226—71)



1. In a topping mechanism for a can closing machine or the like, the combination of means for supporting and feeding open top containers filled with a resilient product, topping elements for entering said containers and compressing said product within the tops thereof, and stationary apertured means for holding said product within the tops thereof, said apertured means permitting movement therethrough of said topping means and maintaining said product within said containers after removal of said topping means.

2,124,589

ALLOY

John V. O. Palm and Carl E. Swarts, Cleveland Heights, Ohio, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application June 17, 1936, Serial No. 85,734
1 Claim. (Cl. 75—175)

An alloy containing from .01% to 3% of tellurium and the remainder tin, said alloy being characterized by increased resistance to corrosion, increased creep resistance, and increased toughness as compared to the corresponding properties of tin alone.

2,124,590

DYE FINISHING PROCESS

James Keel Reed, Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 9, 1934, Serial No. 752,377. Renewed September 24, 1937
3 Claims. (Cl. 260—62)

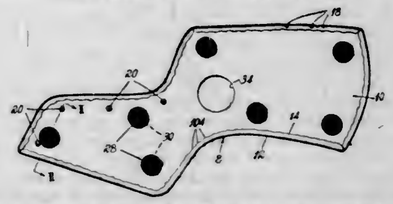
1. The process of finishing a basic dyestuff which comprises dissolving the completely purified dyestuff in hot low-boiling organic solvent and subsequently recovering the dyestuff in desirable physical form by removing the solvent by distillation.

2,124,591

CUTTING DIE

George F. Ryan, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application October 31, 1934, Serial No. 750,861
15 Claims. (Cl. 164—29)



1. A cutting die comprising a sheet metal plate an edge of which corresponds in shape to the outline of a blank to be produced, and a cutting blade extending along the edge of the plate and having spaced flanges integral with the blade and welded to opposite faces of the plate.

2,124,592

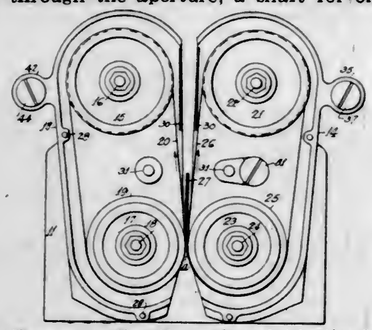
TOOL GRINDER

Adolph O. Schaefer, Brooklyn, N. Y., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y., a corporation of New York

Application July 24, 1936, Serial No. 92,272
4 Claims. (Cl. 51—140)

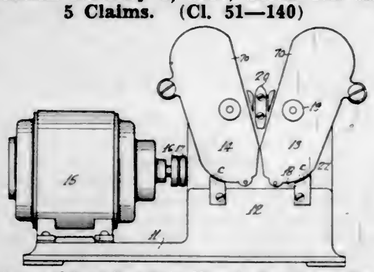
1. In a tool grinder, a single base plate having a pair of spaced sockets and an aperture centered in one of said sockets, a pair of frames pivotally supported solely by said base plate through said sockets, a pair of pulleys in each frame and an

abrasive belt mounted on each pair of pulleys for engaging the work at the same time, an arm pivoted to the frame opposite the aperture and exposed through the aperture, a shaft for one of



said pulleys extending through a slot in the frame opposite the aperture and supported by said arm and a spring forcing said arm into the grinding position relative to the other frame.

2,124,593
GRINDING MACHINE
Adolph O. Schaefer, Brooklyn, N. Y., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y., a corporation of New York
Application January 8, 1937, Serial No. 119,547
5 Claims. (Cl. 51—140)

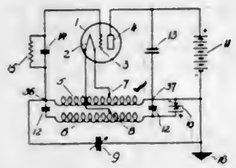


4. A machine for grinding knives and the like comprising a base having a gear box and a single vertical plate, a pair of frames each having a pair of rollers and an abrasive belt mounted on each pair of rollers, said frames being placed against said plate and solely supported thereby, a driving shaft mounted in the base having a pair of spiral gears, a drive shaft for one of each pair of rollers, each having a spiral gear engaging one of the spiral gears of the drive shaft to drive the belts, a sleeve bearing with a flange for each roller drive shaft and mounted in registering apertures in the frame and in the plate with the flange engaging the frame to hold it against the plate and clamping the frame to the plate to pivot about the axis of the roller, an arcuate slot in said vertical plate and a stud in said slot for clamping the frame in position against said plate.

2,124,594
DIAZOAMINO COMPOUNDS
Albert Schmelzer, Cologne/Rhineland, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 20, 1937, Serial No. 154,633. In Germany July 25, 1936
5 Claims. (Cl. 260—69)

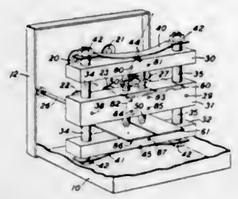
1. Volatile base salts of diazoamino compounds containing acid salt forming groups in the radical attached to the amino nitrogen.

2,124,595
OSCILLATION SYSTEM
Richard H. Seaman, Los Angeles, and Carl A. Schwenden, Alhambra, Calif.
Application May 18, 1936, Serial No. 80,462
10 Claims. (Cl. 250—36)



1. An electron tube oscillating circuit comprising an electron tube having plate, grid and filament electrodes, means for supplying a static potential to said plate electrode, parallel radio frequency paths connected between the plate and grid electrodes and constituted by a pair of inductances in intimate inductive relation, corresponding ends of said inductances being connected through radio frequency by-pass condensers, a source of filament current connected with said inductances, and means for connecting the terminals of said filament to selected corresponding points on said inductances intermediate the ends thereof, whereby said filament dynamically has a higher potential than said plate and a lower potential than said grid.

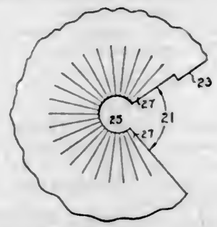
2,124,596
PIEZOELECTRIC CRYSTAL APPARATUS
Roger A. Sykes, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 19, 1936, Serial No. 64,692
29 Claims. (Cl. 171—327)



2. An electromechanical vibrator comprising an electrically deformable body having electrodes integral therewith, and means including a plurality of projections for clamping said body, characterized in this that the projections are of yieldable insulating material and have metal coverings on the surfaces thereof disposed in contact with the respective electrodes.

2,124,597
ACOUSTIC DEVICE
John Q. Tiedje, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 31, 1934, Serial No. 709,081
9 Claims. (Cl. 179—115.5)

6. A diaphragm and voice coil assembly comprising a frusto-conical diaphragm having its small end radially slit at spaced intervals and forming thereby a plurality of integral tabs, certain of said tabs being bent into substantially a cylindrical form for receiving a voice coil thereon, and other of said tabs being bent into a plane at

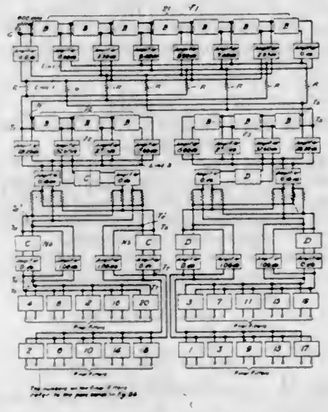


substantially right angles to said cylindrical form thereby forming a centering spider.

2,124,598
LUBRICATING OIL AND METHOD OF MANUFACTURING THE SAME
Luther B. Turner, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application January 21, 1933, Serial No. 652,926
12 Claims. (Cl. 87—9)

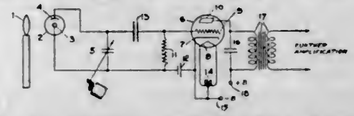
1. An improved lubricant comprising a hydrocarbon oil and an added organic compound containing both sulfur and halogen prepared by reacting a halogenated compound having an aliphatic chain with an inorganic sulfur salt, so as to replace only a portion of the halogen with sulfur.

2,124,599
ELECTRICAL NETWORK SYSTEM
Norbert Wiener and Yuk-Wing Lee, Peiping, China, assignors to American Telephone and Telegraph Company, a corporation of New York
Application July 18, 1936, Serial No. 91,360
15 Claims. (Cl. 178—44)



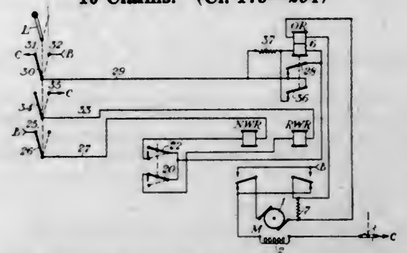
1. An electric wave selecting system comprising a wave transmission line terminated at one end to produce full wave reflection and at the other end to provide zero reflection, said line comprising a plurality of equal sections connected in cascade, a wave source connected to one end of said line, a common output circuit, a plurality of electrical paths connecting said common output circuit and the terminals of said line sections, and amplitude controlling means in each of said paths.

2,124,600
ELECTRICAL AMPLIFYING DEVICE
Robert H. Worrall, Washington, D. C.
Application December 11, 1935, Serial No. 53,936
15 Claims. (Cl. 250—41.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an electrical circuit which includes a light-sensitive source of direct current potential, said source producing an uninterrupted direct current due to the incidence of substantially constant illumination upon the light-sensitive portion thereof, the method of imparting alternating characteristics to the output of said source which comprises cyclically varying the capacitive reactance of said circuit.

2,124,601
RAILWAY SWITCH CONTROLLING APPARATUS
Norman F. Agnew, Penn Township, Allegheny County, and Claude M. Hines, Pittsburgh, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 26, 1937, Serial No. 133,218
10 Claims. (Cl. 175—294)

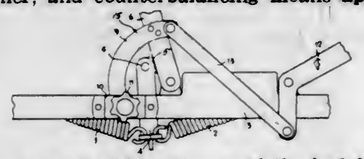


1. In combination, a motor, a control relay, means effective when said control relay is picked up to energize said motor, an overload relay, an overload winding of said overload relay connected in series with said motor to pick up the overload relay upon excessive current flow in the motor, an auxiliary winding of said overload relay, means including a back contact of said overload relay for shunting said auxiliary winding, and a circuit for said control relay including said auxiliary winding, the resistance of said auxiliary winding being such that when said back contact is opened the current in the circuit will be limited to a value which is above the release value of said overload relay but which is below the release value of said control relay.

2,124,602
FOLDABLE BED
Teodoro Basas Bardají, Barcelona, Spain, assignor to Jose Maria Bragulat, New York, N. Y.
Application November 22, 1934, Serial No. 754,237
In Spain December 7, 1933
7 Claims. (Cl. 5—69)

1. A foldable bed, comprising the combination with a bed frame and a pair of bed spring sections having their adjacent end portions individually pivoted to the bed frame, of an arm extending downwardly on one of said portions, an

arm extending upwardly on the other of said portions, a link connecting said arms for the elevation of one portion upon the elevation of the other, and counterbalancing means applied



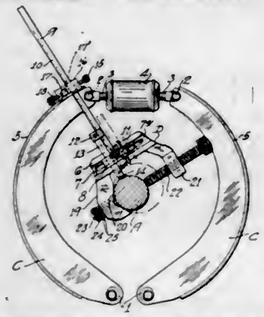
between one of said portions and the bed frame in a direction tending to elevate both of said bed spring portions in opposite angular directions.

2,124,603

BRAKE GAUGE

Harry B. Barrett, St. Louis, Mo.

Application July 25, 1936, Serial No. 92,532
17 Claims. (Cl. 33—180)



1. A brake-gauge including a yoke for rotative engagement with an interposed spindle, a scale-shaft, a shoe-engaging arm on the shaft, and shaft-supporting means mounted for shiftable movement on the yoke for radially centering the arm concentrically with respect to the axis of the engaged spindle.

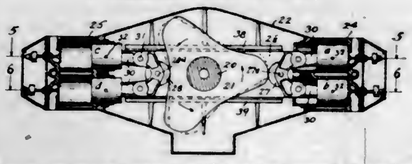
14. In a brake-gauge, a yoke including a jaw for disposition around a tapering spindle for engagement therewith substantially along a selected diameter of the spindle, said jaw having an inner face for marginal engagement with the spindle, means adjustably mounted on the jaw for engaging the spindle at a point laterally spaced from the point of engagement between the spindle and said inner face of the jaw, and brake-shoe engaging means mounted on the yoke and operably disposed substantially within a plane at right angles to a plane passing through the axis of the spindle and the selected diameter.

2,124,604

INTERNAL COMBUSTION ENGINE

William B. Bidwell, II, Portland, Oreg., assignor of one-half to William C. Bidwell, Portland, Oreg.

Application October 25, 1935, Serial No. 46,696
Renewed June 13, 1938
6 Claims. (Cl. 74—55)



1. An internal combustion engine of the single cam type comprising two pairs of opposed engine units, the axes of said pairs being parallel, and normal to and equally spaced on opposite sides of the transverse axis of the cam, a guided cross-head, and articulated connections between the engine units and the cross head.

2,124,605

ALKYL CHLORIDES

Euclid W. Bousquet, Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 12, 1934, Serial No. 730,257
2 Claims. (Cl. 260—162)

1. The process for the hydrogen chloride esterification of alcohols obtained by the hydrogenation of coconut oil which comprises preparing an anhydrous reaction mixture containing the alcohol and a heavy metal chloride in an amount equivalent to at least about 10% of the alcohol, passing an excess of dry hydrogen chloride therethru while maintaining the reaction mixture at a temperature of from 130° C. to 140° C. and at atmospheric pressure, and then washing the reaction mixture with water to remove the heavy metal chloride.

2,124,606

PROCESS FOR REFINING MINERAL OIL

Johannes Arnoldus Buchel and Reyerus Nicolaas Jan Saal, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application November 6, 1933, Serial No. 696,910. In the Netherlands July 23, 1928
5 Claims. (Cl. 196—13)

1. In an extraction process for refining hydrocarbon oils, the steps of bringing a liquid hydrocarbon oil into contact with a selective solvent for non-paraffinic hydrocarbons, in the presence of an auxiliary solvent selected from the group consisting of: benzol and toluol, under conditions causing the formation of liquid extract and raffinate phases, and separating the said phases.

2,124,607

METHOD FOR MANUFACTURING PERMANENT MAGNETS

Artur Büchner and Hans Neumann, Berlin-Siemensstadt, and Hermann Reinboth, Berlin, Germany, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany

Application October 17, 1936, Serial No. 106,104
In Germany June 3, 1936
9 Claims. (Cl. 148—11.5)



2. The method of manufacturing machineable permanent magnets, consisting in cold rolling an alloy composed of 20 to 80% copper, 10 to 50% nickel, the remainder consisting of over 5% of at least one metal selected from the group consisting of iron and cobalt, and of at most 5% other ingredients, with a rolling degree higher than 40%, and heating the rolled alloy to a temperature between 500° and 800° C.

2,124,608

PHOTOGRAPHIC DEVELOPER

Jens Herman Christensen, Sterrehus, Holte, Denmark

No Drawing. Application October 23, 1935, Serial No. 46,343. In Germany October 27, 1934
7 Claims. (Cl. 95—88)

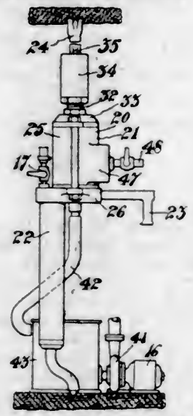
1. A photographic developer for the reversal process comprising a developing agent and an aliphatic polyamine containing in its molecule two unsubstituted amino groups.

2,124,609

DRILL CLEANSING DEVICE

Ernest H. Dickenson, New York, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application March 11, 1937, Serial No. 130,312
3 Claims. (Cl. 255—50)



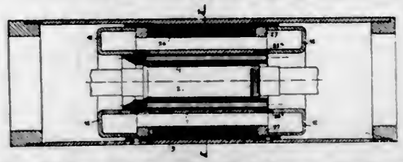
1. In a hole cleansing device, the combination of a reciprocable working implement having a bore extending entirely therethrough and a motor having a reciprocatory hammer piston for actuating the working implement, means extending through the motor for transmitting the blows of the hammer piston to the working implement and having a bore to register with the first said bore, and evacuating means attached to the first mentioned means for withdrawing cuttings from a drill hole through the bores.

2,124,610

SUBMERSIBLE MOTOR

Wladimir Dolgoff, Paris, France

Application June 3, 1936, Serial No. 83,372
In Germany June 5, 1935
1 Claim. (Cl. 171—252)



A liquid type closure for the stator windings of submersible electric motors having stators with slots therein, comprising a plurality of individual tubes of insulating material extending through said slots and having their ends joined by inner and outer annular flanges formed integrally with the tubes, said inner annular flanges having threads thereon, and end covers for receiving the end connections of the motor screw-threadably connected to said threaded portions of said inner flanges.

2,124,611

CELLULOSE DERIVATIVE COMPOSITIONS AND THE METHOD OF MAKING THE SAME

Camille Dreyfus, New York, N. Y.

No Drawing. Application August 14, 1934, Serial No. 739,737
13 Claims. (Cl. 106—40)

1. An article of manufacture produced by coalescence of a derivative of cellulose product having a weighting compound dispersed therein in such a form as may be produced by treating the cellulose derivative material in attenuated form with a solution of a weighting salt under such conditions that swelling of the derivative of cellulose occurs and then fixing the weighting compound in the form of an insoluble compound.

2,124,612

COLOR PHOTOGRAPHY

John Eggert, Leipzig-Gohlis, and Bruno Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application July 7, 1936, Serial No. 89,458. In Germany July 13, 1935
6 Claims. (Cl. 95—88)
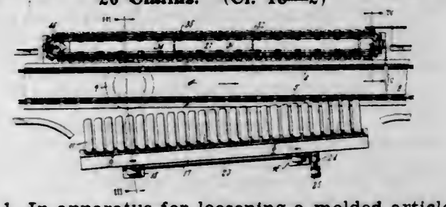
1. The process of developing an exposed silver halide emulsion in color which comprises treating, in the presence of an iso-oxazolone, said exposed emulsion with an aromatic amino developer the oxidation product of which forms a colored compound with said iso-oxazolone.

2,124,613

METHOD AND APPARATUS FOR REMOVING ARTICLES FROM MOLDS

Anton E. Erickson, Milwaukee, Wis., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

Application November 24, 1936, Serial No. 112,483
20 Claims. (Cl. 18—2)



1. In apparatus for loosening a molded article from a mold member, means for advancing the mold member, means located along the path of the mold advancing means for imparting rotary movement to the mold member, and means located along the path of the mold advancing means for progressively deflecting portions of the article from contact with the mold member.

2,124,614

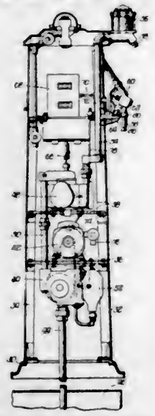
LIQUID DISPENSING APPARATUS

Ivan R. Farnham, Fred W. Sturm, and Friedrich W. Mueller, Fort Wayne, Ind., assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind., a corporation of Maryland

Application April 15, 1933, Serial No. 666,372
17 Claims. (Cl. 221—95)

1. In interlocking mechanism, the combination of a switch arm having oppositely arranged latching shoulders, a latch member having a portion adapted to have cooperative engagement with said latching shoulders to prevent operation of said

switch arm, a shaft, and connecting means between said shaft and latch member for rendering



said latch member inoperative to permit operation of the switch arm when said shaft is in a predetermined position.

2,124,615
KNIFE
Wallie Foltz, Milwaukee, Wis.
Application August 29, 1935, Serial No. 38,348
3 Claims. (Cl. 30—340)



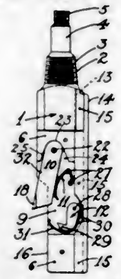
1. In a knife, the combination with a blade having a cutting edge and a back edge, of a handle connected with said blade and bevelled at its end to extend farther along the back edge than along the cutting edge of the blade, all sides of said handle convexly approaching said blade, together with a fin mounted on said handle substantially wholly at one side thereof and projecting therefrom to a distance sufficiently to be engaged between the operator's first and second fingers, said fin being continuous substantially completely across one side of the handle from portions of the handle aligned with the back of the blade to portions of the handle aligned with the cutting edge thereof.

2,124,616
SCREW SOCKET
Albert E. Grant, New York, N. Y., assignor to Albert T. Otto & Sons, Inc., New York, N. Y.
Application June 29, 1936, Serial No. 87,880
2 Claims. (Cl. 173—358)



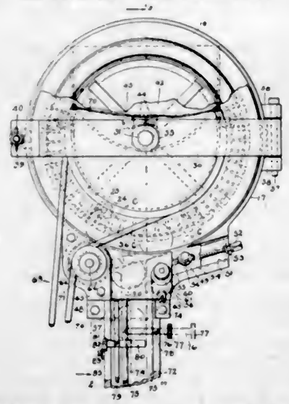
1. In a screw socket, a housing, a contact shell comprising a tube of resilient metal threaded to receive a standard male threaded contact member, said tube having normal diameter less than said member and being split entirely therethrough transversely of its thread, said tube being secured in the housing at its inner end adjacent and to one side of the split therein, whereby the tube is adapted to be expanded by a male member and to resiliently clasp said member in close contacting relation.

2,124,617
CASING CUTTER
Robert H. Greenawalt, Conoquenessing, Pa.
Application June 23, 1937, Serial No. 149,804
6 Claims. (Cl. 164—0.3)



3. A cutting tool of the character described comprising a main body; a casing cutter rockably mounted at its upper end within said body; means to limit the rocking movements of said cutter; spring means to force the cutter into operative position; a detent rockably mounted at its upper end in said body and having at its lower end a lug adapted to engage the lower end of said cutter to hold same into inoperative position, and a resilient member positioned at the lower end of said detent constructed to automatically release the cutter into operative position by the upward travel of the tool within a casing.

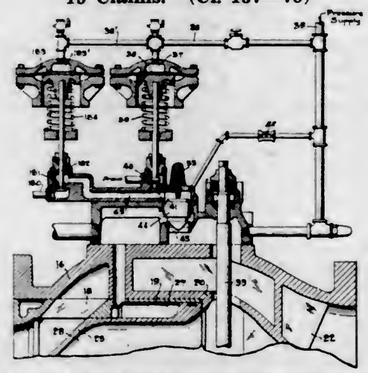
2,124,618
APPARATUS FOR SORTING AND FEEDING RECEPTACLE CLOSURE CAPS
John A. Johnson, Woodhaven, N. Y.
Application December 9, 1936, Serial No. 114,949
16 Claims. (Cl. 113—114)



1. In apparatus for sorting and feeding closure caps, a hopper casing having a discharge outlet opening, a drum rotatably mounted with one end in registry with the outlet opening of the hopper casing, a disk rotatably mounted in spaced

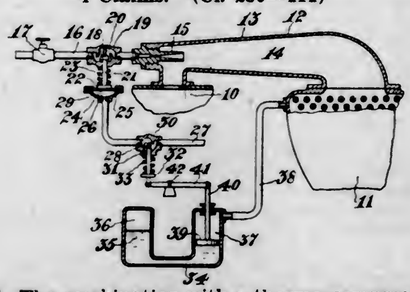
relation with the end of the drum opposite the end in registry with the outlet opening of the hopper casing and arranged with a peripheral portion extending from the disk in an outwardly oblique direction from the drum and a series of triangular protuberances on the inner face of the disk equidistantly spaced from each other and in opposed relation to the adjacent end of the drum, said protuberances being adapted to engage in closure caps having the open ends thereof facing the disk and permit passage of said closure caps between the drum and disk.

2,124,619
SURGE SUPPRESSOR APPARATUS AND SYSTEM
Samuel Logan Kerr, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application August 15, 1934, Serial No. 739,896
In Mexico July 14, 1934
15 Claims. (Cl. 137—78)



13. A pumping system comprising, in combination, a pipe line, a pumping unit for supplying said line, a normally closed valve controlled outlet for said line, means for opening said valve upon an initial pressure rise above normal, and means for opening said valve to provide a free discharge outlet for a return surge following an initial down surge.

2,124,620
CONTROL MEANS FOR THERMO-COMPRESSORS
John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application February 16, 1937, Serial No. 125,996
4 Claims. (Cl. 230—111)



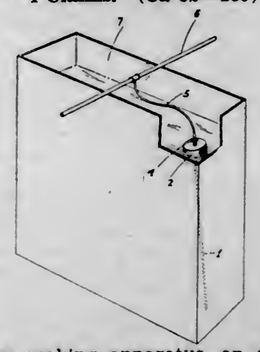
1. The combination with a thermo-compressor, and means to admit power fluid to the compressor including a control member, of means to admit a power medium to the control member for actuating the same, a U-shaped vessel for a transmission medium, means actuated by the transmission medium to control the last-named means, means communicating between the vessel and the compressor to subject the transmission medium solely to the total discharge pressure of the compressor, thereby to actuate the transmission medium.

2,124,621
SHOE AND METHOD OF MAKING SAME
Jacob Klaubauf, Berlin-Halensee, Germany
Application September 22, 1937, Serial No. 165,002
In Germany February 3, 1936
2 Claims. (Cl. 12—142)



1. A method of making shoes with plaited uppers, comprising the steps of preparing an upper of plaited strips on a last, applying a substantially U-shaped flat welt provided with holes to the bottom of said last, placing a filler into the space surrounded by said U-shaped welt, applying a piece of fabric with a shank piece connected to one of its ends on said filler and said welt and attaching said piece of fabric to said welt, lacing said strips through said holes in the welt, cementing an outer sole to said piece of fabric and said shank piece, and stitching said welt to said outer sole exterior to said holes.

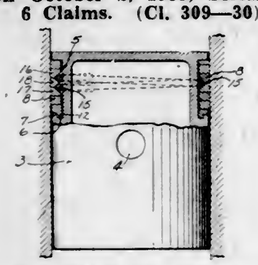
2,124,622
DROP TUBE FOR ICE CAN AGITATION
John C. Koch, Stockton, and Harry T. Holbrook, Oakland, Calif.
Application October 9, 1936, Serial No. 104,804
4 Claims. (Cl. 62—159)



1. In ice making apparatus, an open top ice making can adapted to contain a quantity of water, an air supply pipe disposed above the open top of the can, a float adapted to be sup-

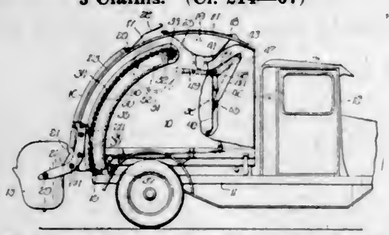
ported by the water in the can, a relatively long tube open at its lower end secured to the float and depending therefrom into the water, and a flexible hose connected at one end to the air supply pipe and at the other end to the upper end of the tube; said flexible hose being of sufficient length so that the float may travel to any point in the can in an undetermined course and without material restriction.

2,124,623
PACKING ASSEMBLY
Matthew G. Kurth, Madison, Wis.
Application October 2, 1935, Serial No. 43,185
6 Claims. (Cl. 309—30)



1. The combination with a piston having a grooved wall under-cut to provide a peripheral flange, of packing means in the groove having a complementary flange engaged behind the flange of the piston, said packing comprising a helix having said flange upon an end coil and having said end coil slightly restricted in diameter as compared with other coils of said helix, the other end coil of said helix and the complementary surface of the piston being finished to provide a position-fixing abutment to receive all reaction axially of said packing helix, whereby the axial location of said other end coil is positively fixed and none of such reaction thrust is delivered radially outwardly by said other end coil.

2,124,624
SELF-LOADING VEHICLE
Elbert C. Leach and Otto F. Manthie, Oshkosh, Wis., assignors of one-half to Leach Company, Oshkosh, Wis., a corporation of Wisconsin and one-half to The Elgin Corporation, Chicago, Ill., a corporation of New York
Application April 9, 1937, Serial No. 135,869
3 Claims. (Cl. 214—67)



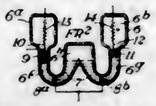
1. In a self-loading vehicle, a body having an opening in the upper portion thereof, a loading bucket, means for raising and lowering the bucket to and from the opening, a compressor plate positioned in the body, and means connecting the plate with said bucket raising and lowering means for causing the plate to compress the contents of the body upon the lowering of the bucket and to move into an out-of-the-way position upon the raising of the bucket, said compressor plate being so constructed and arranged as to constitute in effect one of the material-confining end walls of the body.

2,124,625
LAND LEVELER
James R. Marvin, Knights Landing, Calif.
Application December 5, 1936, Serial No. 114,386
3 Claims. (Cl. 37—153)



1. A land leveler comprising a main frame, a ground working member mounted on said frame, wheels supporting said frame at one end, an extension frame adapted to project from an inception at the opposite end of the main frame, means to detachably connect the adjacent ends of the frames together, a wheel unit, and means to removably connect said unit to the outer end of the extension frame or to said opposite end of the main frame when said extension frame is removed.

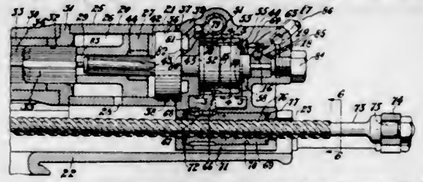
2,124,626
APPARATUS FOR THE CONTROL OF HIGHWAY CROSSING SIGNALS
Benjamin Mishelevich, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application July 29, 1936, Serial No. 93,244
2 Claims. (Cl. 200—122)



1. A relay comprising a container of non-conducting material provided with two main chambers connected together at their lower ends by two U-shaped connecting portions one leg of each of which communicates with an auxiliary chamber, a conducting liquid in each connecting portion, an inert gas in each chamber, a contact member in each main chamber, the parts being so proportioned that when the temperature of the gas in both main chambers is the same the contact member in the one main chamber will make contact with the conducting liquid in the associated U-shaped connecting portion and the contact member in the other main chamber will be out of contact with the conducting liquid in the associated U-shaped connecting portion but that if the temperature of the gas in the one main chamber is increased to the point where the conducting liquid in the associated U-shaped connecting portion breaks contact with the associated contact member sufficient fluid will flow into the other U-shaped connecting portion to cause the fluid in this latter connecting portion to make contact with the contact member in the other main chamber, a heating element in each main chamber for controlling the temperature of the gas in such chamber connected at one end with the associated contact member, and other contact members constantly immersed in the liquid in the U-shaped connecting portions.

2,124,627
ROCK DRILL MECHANISM
William A. Morrison, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application July 30, 1937, Serial No. 156,436
6 Claims. (Cl. 121—5)

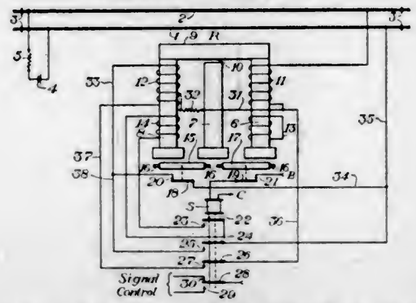
1. In a rock drilling mechanism, the combination of a rock drill and a guide therefor, a feeding mechanism for moving the rock drill relatively to the guide and comprising a pair of members in threaded engagement with each other, a hammer piston reciprocable in the rock drill applying jars thereto to move the rock drill along the guide, and rotary means actuated by the hammer piston during alternate strokes thereof for rotating one of the members to assist in moving the rock drill in one direction.



2,124,628
PROCESS FOR MANUFACTURING LUBRICANTS
Franz Rudolf Moser, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application March 21, 1935, Serial No. 12,247. In the Netherlands March 26, 1934
3 Claims. (Cl. 87—9)

1. A lubricant capable of reducing corrosion in internal combustion engines, consisting essentially of a mineral lubricating oil containing as an active anticorrosion ingredient a small quantity of a polycarboxylic acid obtained by condensation of maleic acid anhydride and olefines.

2,124,629
RAILWAY TRACK CIRCUIT APPARATUS
Bernard E. O'Hagan, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application October 30, 1937, Serial No. 171,928
15 Claims. (Cl. 246—41)

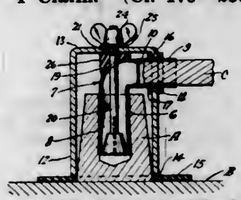


1. In combination with a section of railway track and a source of current connected across the rails of said section, a primary relay having a first and a second magnetic circuit each including a common magnetic path, means associated with said first magnetic circuit for retarding the flux decay therein when said track section becomes shunted to thereby accelerate the flux decay in said second magnetic circuit, a secondary relay, an energizing circuit for said secondary relay including a contact of said primary relay, a pick-up circuit for said primary relay connected across the rails of said section and including a contact of said secondary relay as well as the full operating winding of said primary relay, and a holding circuit for said primary relay controlled by a contact governed by said second magnetic circuit and including only a portion of the operating winding of said primary relay.

2,124,630
ARTIFICIAL RESINS
William M. Quattlebaum, Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application January 16, 1936, Serial No. 59,328
11 Claims. (Cl. 260—2)

1. Process for making strong and tough artificial resins which comprises conjointly polymerizing a vinyl halide and a vinyl ester of an aliphatic acid in the presence of small quantities of an oxygen-containing substance having in its structure at least two olefinic double bonds and which is free from conjugated pairs of olefinic double bonds and free from cross conjugated double bonds, said substance having from four to ten carbon atoms in its molecule and the olefinic double bonds thereof being separated by not more than six carbon atoms.

2,124,631
BATTERY CONNECTION
George W. Reed, Wood, Wis.
Application September 9, 1937, Serial No. 162,996
1 Claim. (Cl. 173—259)

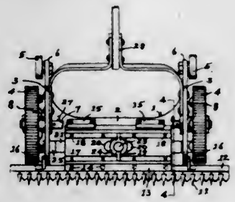


In a device of the kind described, for use upon a battery terminal post having a bore extended longitudinally thereinto, a housing adapted to seat over the post, a tubular L-shaped member slotted longitudinally at one end, this end being insertable down into the bore of the terminal post and being of exterior diameter approximately equal to the interior diameter of the bore, a bolt slidably extended down through the housing and the elbow of the L-shaped member and axially through the end thereof designed for insertion into the bore of the terminal post, a conical head on the end of the bolt located in this end of the tubular member, the base of this conical head being protruded through the lower slotted end of the tubular L-shaped member and being slightly larger in diameter than the interior diameter of the said slotted end, and means for drawing the bolt outwardly for forcing the base of the conical head thereof into the slotted end of the tubular member for expanding said end and firmly locking the device to the terminal post.

2,124,632
MOWING MACHINE
Idris J. Richards, Pittsburgh, Pa.
Application December 9, 1936, Serial No. 114,898
1 Claim. (Cl. 56—262)

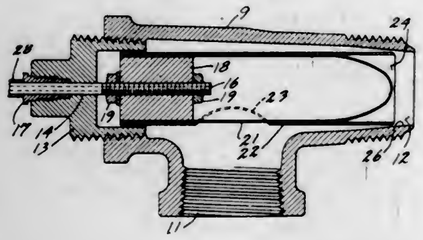
In a grass mowing machine of the character described, the combination of a frame including a bottom and a projecting front portion, a horizontally disposed shaft revolubly mounted in said frame, a pair of traction wheels fixed to respective ends of said shaft, a cylindrical cam carried at the inner side of each of said wheels, a cutter bar fixed in the horizontal position to said front portion of the frame, a cutter member mounted for lateral reciprocal movement on said front

portion and extending into said cutter bar, a base plate mounted for lateral reciprocal movement on the frame bottom and being secured to said cutter member, a horizontally disposed channel guide secured to the top of said base plate and having a slotted opening in the top thereof, a cam bar longitudinally shiftable in said guide,



each end of said bar having a cam head engaging in respective cylindrical cams for imparting lateral reciprocal movement to said bar during the rotation of the cylindrical cams, a vertically extending bolt fixed to said cam bar and projecting through said slotted opening in said guide, and a nut adjustably mounted on said bolt.

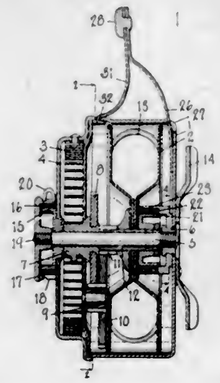
2,124,633
THERMOSTAT
Walter W. Robinson, Anniston, Ala.
Application June 20, 1936, Serial No. 86,283
3 Claims. (Cl. 236—99)



1. In a temperature regulator for gas-heated devices having a gas inlet, a valve body interposed in the gas inlet, a valve cylinder mounted in said valve body and provided with means defining an inlet and outlet for the passage of gas, a flexible bag member disposed within said valve cylinder, means for inflating and deflating said bag member to control the passage of gas through said valve cylinder, a by-pass opening for the passage of gas provided between the valve body and the valve cylinder, and means for moving the valve cylinder with respect to the valve body to regulate the by-pass opening.

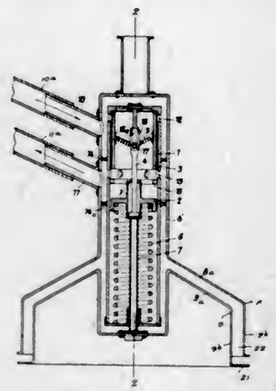
2,124,634
FISHING REEL
Samuel G. Russell and Frank Burdick, Kalamazoo, Mich., assignors to Shakespeare Company, Kalamazoo, Mich.
Application September 16, 1936, Serial No. 100,996
17 Claims. (Cl. 242—84.5)

8. The combination in a spring wind fishing reel comprising a spool and a driving spring, of brake means operatively associated with the spool comprising a brake drum in driving relation to said spool, a spring brake band coacting with said drum, said band being anchored at one end, a manually operated slidable release member coacting with the free end of said brake band, a



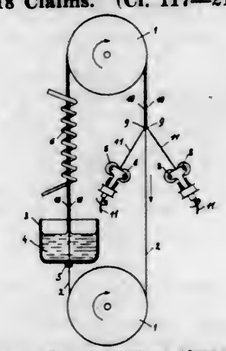
spring member acting to return said brake release member, and a manually operated catch for preventing the actuation of said brake release member.

2,124,635
WASHING APPARATUS
Carl Schmid, Berlin-Charlottenburg, Germany, assignor to Anthony William Deller, New York, N. Y.
Application April 24, 1934, Serial No. 722,111
In Germany April 26, 1933
2 Claims. (Cl. 68—124)



1. In a washing machine adapted to be placed into a tub containing articles to be washed and a body of a liquid washing medium, the combination comprising a pair of concentrically mounted cup-like agitating members each having a substantially conical upper portion and a substantially vertically depending cylindrical lower portion closely conforming and arranged in close proximity to each other, a cylinder rigidly connected to one of said agitating members, a piston reciprocably arranged in an intermediate region of said cylinder connected to the other of said agitating members, intake and exhaust ports for an actuating fluid in said cylinder at one side of said piston, a return spring within said cylinder and engaging the other side of said piston for quickly returning the same into its original position of rest after each stroke, a slide valve in the upper portion of said cylinder operatively associated with said intake and exhaust ports and capable of alternately opening and closing same, snap action means within said slide valve adapted to be actuated to snap said valve over into its other extreme position, and lost motion actuating means for said valve connecting the same to said piston to cause trigger-like operation of said valve and reciprocation of said piston including a relatively slow downward displacement and an extremely fast and impact-like upward displacement, said cup-like agitating members being constructed and arranged with respect to each other to operate as a pump to slowly draw in and to quickly and forcibly eject washing liquid from the space formed between said agitating members and having a substantially constant constriction between their vertically depending portions whereby powerful and high speed pulsations will be set up in said liquid and will readily loosen particles of dirt adhering to the articles to be washed.

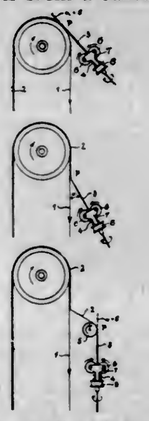
2,124,636
METHOD OF AND APPARATUS FOR MANUFACTURING RUBBER THREADS
Hans Schüller, Emil Matzner, and Armand Kailich, Vienna, Austria, assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application July 18, 1934, Serial No. 735,746
In Austria August 1, 1933
18 Claims. (Cl. 117—21)



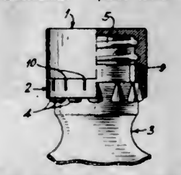
1. A process of producing threads of rubber and the like of substantially circular cross-section in a continuous manner, which comprises depositing on opposite sides of a moving carrier band, rubber of the same width as the carrier, stripping the rubber from the opposite sides of the carrier and subjecting said stripped rubber bands to independent twisting operations to form separate threads.

2,124,637
PRODUCTION OF CAOUTCHOUC THREADS
Hans Schüller, Emil Matzner, and Armand Kailich, Vienna, Austria, assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application August 14, 1935, Serial No. 36,146
In Austria September 20, 1934
13 Claims. (Cl. 117—21)

1. A process for the production of caoutchouc threads which comprises subjecting a thin band of caoutchouc to a twisting operation while it is being drawn off from a curved part of a supporting surface in a direction substantially tangential to the said curved part.



2,124,638
BOTTLE CLOSURE
William R. Sheldon and James F. Meehan, Jr., Brooklyn, N. Y., assignors, by direct and mesne assignments, of one-fourth to said Meehan, Jr., and three-fourths to Abraham Siegel, Brooklyn, N. Y.
Application September 3, 1937, Serial No. 162,254
10 Claims. (Cl. 215—7)

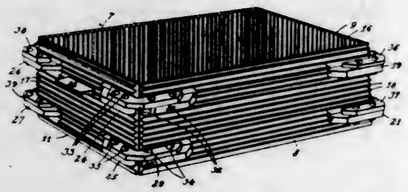


10. A two-part closure comprising a ceramic cover part and a ceramic member for sliding over the neck of a bottle, said member being provided at its lower part with means for preventing its rotation on the neck of the bottle when fitted thereover, the upper portion of said member being provided with teeth located on the exterior surface thereof, said member having a plurality of vertical slots arranged around the periphery thereof for giving to said member a certain amount of flexibility, said cover part being provided in the lower portion of its interior with a number of teeth for meshing with the teeth of said member, the upper portion of the interior of said cover being of smaller diameter than its lower portion and threaded to engage the threads on the neck of said bottle, at least one portion of one of said parts being frangible.

2,124,639
FOUNDRY JACKET
William J. Spensley, Dubuque, Iowa, assignor to The Adams Company, Dubuque, Iowa, a corporation of Iowa
Application November 3, 1937, Serial No. 172,536
5 Claims. (Cl. 22—112)

1. A foundry jacket comprising four independent side members adapted to be connected together at their ends to form a rectangular structure, each of said members having the inner surface provided with parallelly disposed grooves closely spaced along the entire length thereof,

said grooves terminating at the edges of said side members for communication therewith behind the inner plane of the member, and having closely spaced grooves on the outer surface thereof extending longitudinally of said plates, spaced brackets at each end of said members having



prearranged holes, corner members shaped to span the corners of said structure and seat on said brackets, and bolts passing through the corner members and said brackets to retain said side members in prearranged relationship as determined by the size of said corner members.

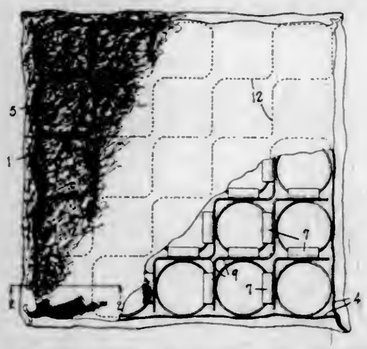
2,124,640

SPRING CUSHION UNIT AND METHOD OF MAKING

George A. Stackhouse, Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich.

Application November 18, 1935, Serial No. 50,303

2 Claims. (Cl. 5—353)



2. A spring cushion structure comprising top, bottom and side casing walls of burlap having pads of sisal arranged on the outer sides thereof and attached thereto at spaced intervals by engaging tufts of the pad fibers between strands of the burlap, a plurality of pocket units disposed in spaced diagonal relation within the casing and each comprising a plurality of pocket members of burlap connected in spaced relation by strips disposed centrally across the same and stitched thereto, the pocket members of the units being arranged in zig-zagged relation and their ends being stitched to the top and bottom casing walls by stitches through the casing walls and padding thereon whereby a plurality of rows of spring pockets are provided with the pockets of adjacent rows in alternating relation, the pocket units being so spaced relative to each other as to provide a central longitudinal passage for each row of pockets through which springs may be introduced into the pockets, the said pocket unit attaching stitching constituting quilting and securing means for the padding, and springs arranged in said pockets, the individual springs being separated by said pocket members and said strips.

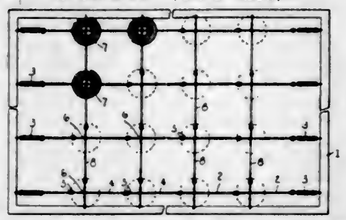
2,124,641

SPRING STRUCTURE

George A. Stackhouse, Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich.

Application June 22, 1936, Serial No. 86,606

2 Claims. (Cl. 5—266)



2. In a spring structure, a plurality of pairs of links, each link intersecting one other link only, the links of each pair intersecting at a point spaced substantially from the middle of at least one of the links of the pair, the links being mutually offset at the points of intersection to provide spring supporting seats for locating and supporting coil springs arranged at right angles to the plane of the links, the arrangement of the offsets at points spaced from the link ends serving to minimize bending at the offsets, and means for supporting the links at the ends thereof.

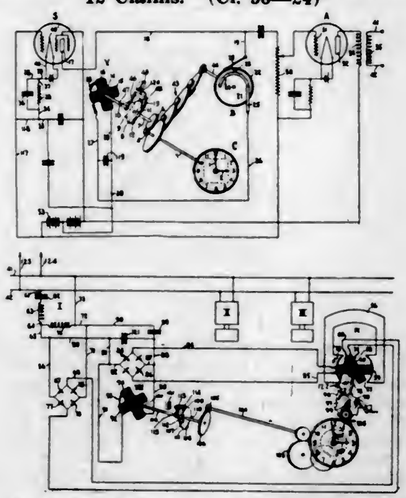
2,124,642

ELECTRICAL DEVICE

Thomas W. Varley, New York, N. Y.

Application June 7, 1933, Serial No. 674,649

12 Claims. (Cl. 58—24)



1. An electrical system which comprises means to transmit predetermined frequencies, a master clock mechanism in the transmitter, and tuning means in the transmitter to transmit frequencies which vary in accordance with the time position of the master clock, a receiver including a circuit to be tuned and a time indicating element associated therewith, means in the receiver circuit and responsive to the applied frequencies to move the time indicating element therein when the receiver circuit is out of tune with the applied frequencies, and means in the receiver circuit and responsive to the applied frequencies to stop the movement of the time indicating element therein when the receiver circuit is in tune with the applied frequencies.

7. An electrical receiving device including a circuit adapted to be tuned to a series of applied frequencies, a time indicating element therein, means responsive to said frequencies to actuate said time indicating element when the circuit is out of tune with the applied frequencies, and means in the circuit and responsive to said applied frequencies to stop the movement of the time indicating element when the circuit is in tune with the applied frequencies, and a tuning means in the receiver circuit and actuated by and upon movement of the time indicating element to bring the receiver circuit into tune with the applied frequencies.

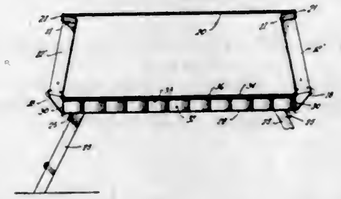
2,124,643

COT STRUCTURE

William Walger, Chicago, Ill.

Application May 3, 1937, Serial No. 140,372

4 Claims. (Cl. 5—3)



1. A cot including a central frame section and end sections attached by means of hinges to opposite ends of said central section and adapted to fold back onto the latter, means co-operable with said hinges for holding said end sections in a substantially upright position relative to said central section, a removable table section adapted to fit between said central section and said end sections when the latter are folded onto the former, and means on said end sections and co-operable with the latter to receive and support said table section in position on the end sections in their aforesaid upright position.

2,124,644

SHOE DISPLAY FORM

William L. Wardell, New York, N. Y., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

Application March 10, 1937, Serial No. 130,089

4 Claims. (Cl. 12—128.1)



1. A form for displaying a shoe, comprising a substantially flat shank having a notch along its lower front edge, and a toe-shaped flat toe piece fitted at right angles to said shank by means of a slightly rearwardly tapered narrowing slot adapted to receive the lower front portion of the shank, said toe piece being removable and reversible.

2,124,645

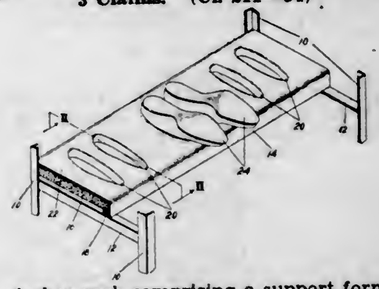
SHOE RACK

Walter Barnett, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application February 15, 1936, Serial No. 64,083

In Great Britain March 20, 1935

3 Claims. (Cl. 211—34)



1. A shoe rack comprising a support formed of relatively soft resilient material of appreciable thickness and having a plurality of elongated openings extending therethrough each for the reception of a shoe, the walls defining said openings being formed by the thickness of the material of said support thereby to engage and support the shoes over a substantial area, and said walls being yieldable to closely conform to the contours of shoes of different sizes and shapes.

2,124,646

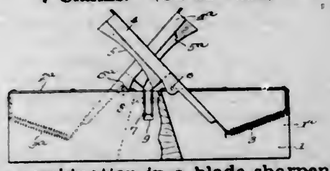
KNIFE SHARPENING DEVICE

Guillaume Barsch, Paris, France, assignor to Industrie A. G. Allegro, Emmenbrucke, Switzerland

Application February 8, 1936, Serial No. 63,016

In Germany February 11, 1935

7 Claims. (Cl. 51—214)



5. The combination in a blade sharpening device, of a base, a pair of grinding elements movable relative to each other and in a predetermined direction with respect to said base and having opposed grinding faces inclined with respect to said base, and means to support a blade in angled contact with the grinding faces of said elements and to bodily move the blade longitudinally of the grinding faces of said grinding elements, said means also functioning to simultaneously move the blade in a plane substantially at right angles to the direction of movement of said grinding elements to move said grinding elements along their path of movement.

2,124,647

TOOTH BRUSH

George A. Bauler, Minneapolis, Minn.

Application April 24, 1937, Serial No. 138,795

1 Claim. (Cl. 15—176)



A tooth brush comprising a handle and a brush head, said head comprising a substan-

tially cylindrical bristle base, and bristles extending radially equidistantly from said base throughout substantially its entire cylindrical surface area to provide a substantially unbroken cylindrical brushing surface, and said brush head being detachably secured to the end of said handle at right angles thereto, whereby surfaces of the teeth can be reached with portions of said bristles always lying in brushing position.

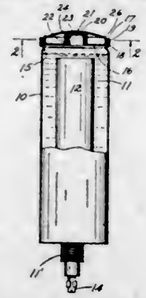
2,124,648

VENT FOR ELECTROLYTIC CONDENSERS

Joseph B. Brennan, Fort Wayne, Ind.

Application March 12, 1934, Serial No. 715,109

3 Claims. (Cl. 220—44)



1. A vent for an electrolytic condenser having an open ended cylindrical container for electrolyte, said vent comprising a hollow cup shaped thimble adapted to form a closure for the open end of the container, a resilient gasket disposed between the exterior of said thimble and the interior of the container and the container being rolled inwardly to compress said gasket against said thimble, said thimble having a plurality of openings disposed above said gasket, an elastic band surrounding said thimble and overlying said openings, and a hollow cover member adapted to retain said elastic band in position and having an edge portion deformed inwardly into engagement with the rolled in portion of the container to secure the cover to the container.

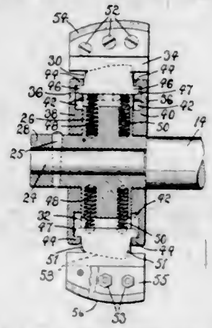
2,124,649

TOOL FOR OPERATING ON SHOES

Charles G. Brostrom, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application May 29, 1936, Serial No. 82,556

2 Claims. (Cl. 12—29)



1. A tool of the class described comprising a hub adapted to be mounted on a rotary spindle, said hub having formed therein a plurality of guide slots extending radially and longitudinally with respect to said spindle, a block mounted in each of said slots for radial movement and also for longitudinal rocking movement, a pair of springs acting upon longitudinally spaced localities respectively on each of said blocks to urge said blocks outwardly, a disk secured to each end of said hub and having an annular flange, each of said blocks having a relatively wide base which interlockingly engages said flanges to limit outward movement of the blocks and having a narrower intermediate portion which extends out between said flanges, said intermediate portion tapering with convex curvature as it extends outwardly from a width just sufficient to clear said flanges at the base of the block to a considerably less width beyond said flanges, which shape affords freedom for rocking and insures centering of the blocks, and a flap of relatively stiff but yieldable sheet material arranged radially and longitudinally and extending outwardly from a portion of each of said blocks outside of said flanges for performing a wiping operation upon a work piece.

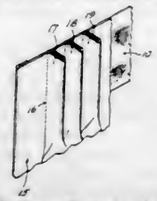
2,124,650

DEVICE AND METHOD FOR FORMING PLAITS

Edward Chessler, Baltimore, Md.

Application April 28, 1937, Serial No. 139,409

3 Claims. (Cl. 2—278)



1. An edge reinforced and plaited curtain comprising a fabric curtain, a strip of thin relatively stiff material positioned along the inner side of the upper edge of said curtain in contact therewith, said strip having spaced scored fold lines and being folded on the scored lines with the curtain edge to form a predetermined arrangement of spaced plaits, and rows of stitching along the base portion of each formed plait to secure the strip and plaits permanently in position.

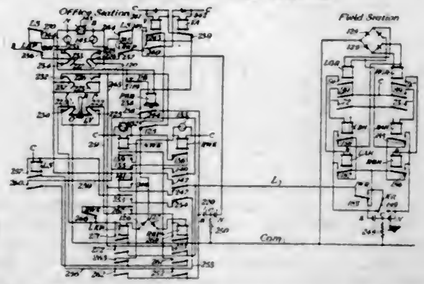
2,124,651

REMOTE CONTROL SYSTEM

Paul H. Crago, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application August 30, 1932, Serial No. 631,041

73 Claims. (Cl. 246—3)



1. A remote control system including, a pair of control wires connecting two remotely located

stations, a pair of loop circuits at each station receiving current from said control wires each adapted to pass current flowing in one direction only and arranged for opposite directions, a control device for each loop circuit energized in response to current flowing in its loop circuit, manually operated means at one station for causing current to flow in the control wires either in one direction or the other for energizing the control device of the corresponding loop circuit at the other station, an operating mechanism having different conditions selectively governed by the control devices at said other station, and circuit means governed by the operating mechanism for causing current to flow in the control wires in a direction in accordance with its condition for energizing the control device of the corresponding loop circuit at said one station for establishing a corresponding condition of an indicating device, said manually operated means and said circuit means so arranged that the current supplied to the two control wires at each of the two stations at any given time both flow in the same direction in said control wires whereby the control devices at the two stations are simultaneously energized each by the current supplied at the opposite station.

30. In combination, a railway switch, a line circuit, means active upon the completion of a movement of the switch to supply to the line circuit different indication impulses in accordance with the position of the switch, an approach track section, a time element device rendered active under certain conditions in response to a train occupying the approach track section, and means controlled by the time element device for repeating the indication impulse corresponding to the position occupied by the switch.

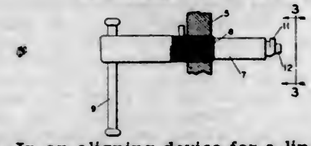
2,124,652

VISE LOCK

Charles W. Curle and Theodore Curle, San Francisco, Calif.

Application October 4, 1937, Serial No. 167,174

2 Claims. (Cl. 199—50)



1. In an aligning device for a line casting machine including a socket member mounted upon the frame of the machine, a locking screw mounted upon a movable part of the machine, said screw having a projection entering a recess of the same cross sectional area formed in said socket, the axis of said recess and the axis of said projection coinciding.

2,124,653

ART OF SHOEMAKING

Frederick Wallace Drew, Portsmouth, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application December 3, 1936, Serial No. 114,036

2 Claims. (Cl. 12—142)



1. The method of making a shoe which comprises providing an outsole with a beveled projection on its forepart, cutting a piece out of the forepart of an insole to produce an opening having a beveled edge in which the projection on the outsole may later be received, detachably fastening the cut-out piece in place in the opening by means of stitches extending substantially parallel to the edge of the opening in the insole and capable of being readily pulled out, and employing the insole and outsole in the manufacture of a shoe including removing the cut-out piece and fastening the outsole in place with its projection extending into the opening and the beveled edge of the projection in contact with the beveled edge of the opening.

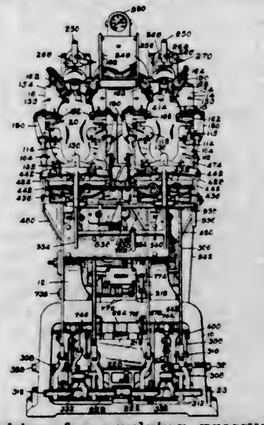
2,124,654

MACHINE AND METHOD FOR APPLYING PRESSURE TO SHOE BOTTOMS

Sidney J. Finn, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application November 4, 1936, Serial No. 109,123

150 Claims. (Cl. 12—36)



1. A machine for applying pressure to shoe bottoms having, in combination, a pad for receiving a shoe, means for pressing the forepart of the shoe against the pad, and treadle-operated means for effecting relative movement of the shoe and pad to bring the central and rear portions of the pad into engagement with the shank and heel portions of the shoe bottom.

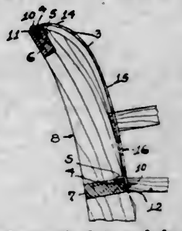
2,124,655

WIRE SPRING AND SPRING STRUCTURE FOR CUSHIONED SEATS AND BACKS

Morris Freund, Cleveland, Ohio, assignor, by direct and mesne assignments, of one-half to Jacob Kronheim, Shaker Heights, Ohio, and one-half to John C. Lincoln, Scottsdale, Ariz.

Application September 8, 1936, Serial No. 99,689

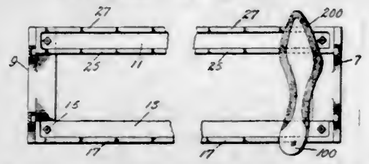
3 Claims. (Cl. 155—179)



1. In a back for upholstered furniture and automobile seats a frame having top and bottom

rails, and a plurality of flat springs corrugated in the plane of the springs and longitudinally stretched and secured with their ends to the top face of the top rail and the front face of the bottom rail, which front face is angularly related to the top face of the top rail, said springs having inwardly extending end portions for preventing pivotal movements of the ends of said stretched springs and said end portions having spacer means arranged at right angles thereto for contact with the front face of the top rail and the top face of the bottom rail of said frame.

2,124,656
RACK
Harry Gingell, Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 18, 1936, Serial No. 101,480
2 Claims. (Cl. 211—34)



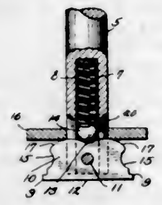
1. A rack for soles comprising a base, three spaced bars carried thereby, each bar being provided with a row of saw-teeth, each tooth in any given row registering with a tooth in each of the other two rows, the teeth of one row being adapted to support a sole by engaging the sole in the locality of the heel breast line, the other two rows being nearer to each other than they are to the said one row and being adapted respectively to engage short soles and long soles in the locality of the ball line.

2,124,657
CHROMIUM PLATED ARTICLE AND METHOD OF PRODUCING SAME
Philip J. Ritzenthaler and Patrick J. Sheehan, Milwaukee, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
No Drawing. Application October 11, 1934, Serial No. 747,888
4 Claims. (Cl. 204—13)

4. In a process of electroplating a base having a smooth surface, the steps of depositing on the base a layer of cadmium, finishing the cadmium for high surface lustre while preserving a layer of the cadmium by dipping into an acetic acid solution containing a halogen, electrodepositing on the dipped cadmium a layer of nickel having a natural surface of high lustre and electrodepositing on the natural surface of the nickel a layer of chromium having a natural surface of high lustre.

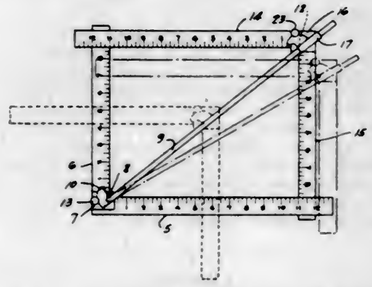
2,124,658
BOLT CONSTRUCTION
Elmer C. Smith, Plainview, Tex., assignor of one-half to Clyde B. Hackleman, Plainview, Tex.
Application October 4, 1937, Serial No. 167,295
1 Claim. (Cl. 85—3)

A bolt of the class described, comprising a body portion having a bore extending inwardly from one end thereof, and having a slot formed in the wall of the bore, lugs on the bolt adjacent to the inner end of the slot, a locking member pivotally mounted within the slot, lugs at the ends of the locking member and adapted to engage the first mentioned lugs, restricting movement of the lock-



ing member, and a washer on the bolt and held in position on the bolt.

2,124,659
GEOMETRICAL INSTRUMENT
Claude U. Tyrrell, Pasadena, Calif.
Application October 2, 1935, Serial No. 43,199
4 Claims. (Cl. 33—98)

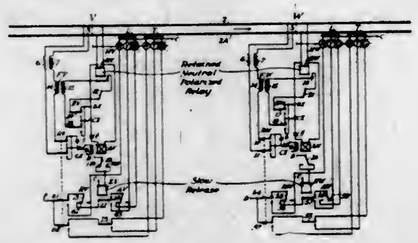


1. In a geometrical instrument of the character described, two pairs of strips, the strips of each pair relatively secured to form an angle and uniformly and individually graduated from their relatively connected ends to their outer free ends, a bar pivoted to the intersection of one pair of said strips, a flange integral with said bar, means to clamp said flange to said last-mentioned strips, a bracket pivoted at the vertex of the angle formed by said second pair of strips to slidably retain said bar, a flange integral with said bracket, and means to clamp said last-mentioned flange to said second pair of strips.

2,124,660
RAILWAY SIGNALING
James J. Vanhorn, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 15, 1935, Serial No. 26,784
Renewed October 30, 1936
30 Claims. (Cl. 246—38)

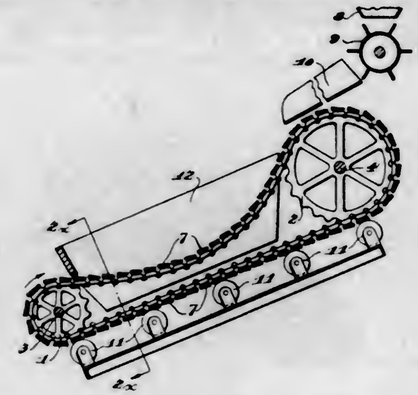
1. A railway signal system comprising a stretch of railway track divided into sections, a direct current polarized track relay and an alternating current polarized track relay for each section each receiving current from the rails of the section, said direct current relays each effective to prevent the flow of alternating current therein and said alternating current relays each connected to the rails of the associated section by means effective to prevent the flow of direct current therein, means controlled by each direct current track relay for supplying to the rails of the section next in the rear direct current of one polarity or of the other polarity, means controlled

jointly by the direct current track relay and the alternating current track relay of each section for supplying to the rails of the section next in the rear alternating current of one polarity or of



the other, and traffic governing means for governing the passage of trains along said stretch controlled jointly by said direct current and said alternating current track relays.

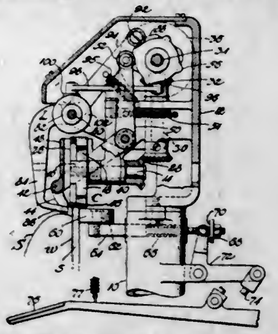
2,124,661
TRAVELING BELT STOKER
Harrison L. White, Brockport, N. Y.
Application December 17, 1937, Serial No. 180,410
2 Claims. (Cl. 110—40)



1. A combination of a belt comprising two chains having links therein, crossbars connecting the links of the two chains, said belt being adapted to travel through the firebox of a furnace, the under run of said belt being supported so that it travels substantially in a straight line, the upper run of said belt being allowed to sag, the upper part of said belt traveling up in a steep incline, means for feeding coal on the steep inclined part of the belt, the upward movement of the belt being adapted to carry the coal up the steep incline and permitting it to roll back down the incline.

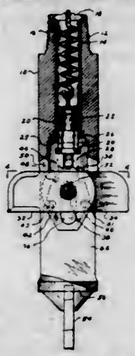
2,124,662
MACHINE FOR OPERATING UPON THE BOTTOMS OF SHOES
Erastus E. Winkley, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 1, 1936, Serial No. 113,625
21 Claims. (Cl. 12—17)

1. In a machine for operating upon shoe-bottoms, a rotary cutting tool and a reciprocatory indenting tool arranged to act together upon intersecting surfaces of a shoe-bottom and



at points alined with each other heightways of said shoe-bottom.

2,124,663
ROTARY UNDERREAMER
Frank Wintemute, Long Beach, Calif.
Application August 2, 1937, Serial No. 156,917
11 Claims. (Cl. 255—76)

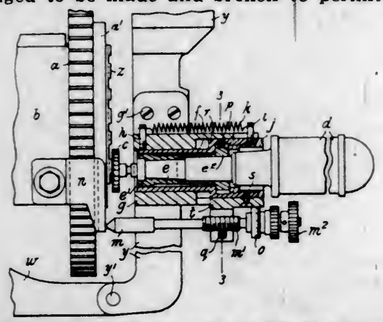


1. A rotary underreamer embodying a body, a cylindrical hydraulic fluid conveying bore centrally located in the upper portion of the body, a spring in the bore, a hydraulic piston supported by the spring, a plate member secured to the piston, a pivotally mounted extensible cutter on each side of said plate, a pin attached to each cutter and extending into the plate whereby the cutters are moved into extended or retracted position by the action of the hydraulic piston or the spring.

2,124,664
TYPOGRAPHICAL SLUG CASTING MACHINE
Christian Augustus Albrecht, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a company of New York
Application November 30, 1936, Serial No. 113,384
In Germany June 23, 1936
7 Claims. (Cl. 199—54)

1. In a typographical slug casting machine wherein a portion of the vise frame is movable for access to the slug and mold, the combination with a mold, a mold slide, and a slug trimming unit adapted to trim the printing faces of slugs in the mold, of means fixed to the aforesaid movable portion of the vise frame to support the slug trimming unit and relatively to which said unit is movable, and connections between the mold slide and the slug trimming unit whereby the

two are caused to move in unison in the normal operation of the machine, said connections being arranged to be made and broken to permit the



slug trimming unit to move with the movable portion of the vise frame as said portion is moved to and from its normal position.

2,124,665

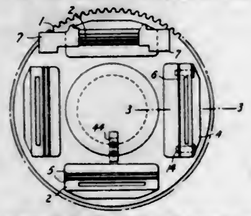
TYPOGRAPHICAL SLUG CASTING MACHINE

Christian Augustus Albrecht, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a company of New York

Application November 30, 1936, Serial No. 113,385

In Germany July 10, 1936

11 Claims. (Cl. 199—48)



1. A typographical slug casting machine comprising a mould wheel, means for advancing said mould wheel to its casting position with a mould therein against a line of matrices, and jaws for clamping said matrix line which are movably mounted in order to yield when necessary to the adjacent mould on the advancing mould wheel.

2,124,666

METHOD OF MAKING ABRASIVE ARTICLES

Raymond C. Benner and Romie L. Melton, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

No Drawing. Application October 19, 1936, Serial No. 106,374

5 Claims. (Cl. 51—278)

3. In the manufacture of abrasive coated products the steps which comprise preparing an aqueous suspension of a normally solid phenolic resin in water, coating the backing with abrasive grains and with the said suspension, removing the water from the suspension, and treating the article with a solvent for the resin to make the resin adhesive.

2,124,667

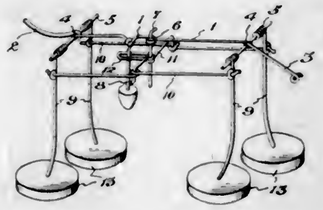
TOY WALKING ANIMAL

William Edwin Davis, Seven Springs, N. C.

Application May 8, 1937, Serial No. 141,548

5 Claims. (Cl. 46—149)

1. In a walking toy, a frame comprising a longitudinal main frame bar, a horizontal pintle near each end attached to said main frame bar, a vertical pintle intermediate said horizontal pintles attached to said main frame bar, a pendulum depending from said main frame bar, leg members pivoted one on each side of said main



frame bar on said horizontal pintles, side bars each connecting the two legs on one side of the frame and a cross bar pivotally connected to the side bars, pivoted to the vertical pintle, and means connecting said cross bar to the stem of the pendulum.

2,124,668

BELT

Abraham L. Freedlander, Dayton, Ohio, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio, a corporation of Ohio

Original application March 27, 1935, Serial No. 13,305. Divided and this application June 8, 1936, Serial No. 84,175

5 Claims. (Cl. 74—233)



1. In a belt hexagonal in cross section, a compression section comprising a plurality of rubberized square-woven layers of fabric, a plurality of square-woven bias arranged rubberized layers of fabric superposed on said compression section, a plurality of of square-woven rubberized layers of fabric superposed on said bias arranged rubberized layers of fabric, a cover of rubberized fabric enclosing said belt, the upper reversely tapered part of said belt beneath said cover consisting of straight laid fabric layers exclusively.

2,124,669

DRYING DEVICE FOR TRAVELING WEBS

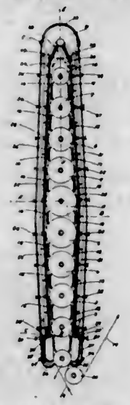
Theodor Fuykers, Dusseldorf, Germany

Application May 23, 1934, Serial No. 727,197

In Germany May 24, 1933

10 Claims. (Cl 34—48)

1. A device for drying by means of a gaseous medium traveling webs printed on one side thereof, said device comprising a casing, guide-walls in said casing, said walls forming a narrow channel along the printed side of said web, a web-guide for feeding said web through said channel, means for blowing said gaseous drying medium into said channel at one end thereof along said printed side of said web, and suction means



for withdrawing said medium at the other end of said channel.

2,124,670

LABEL PLACING METHOD

Jesse B. Johnson, Dallas, Tex., assignor to Gulf Cone Co., Dallas, Tex., a corporation of Maryland

Application January 6, 1936, Serial No. 57,833

6 Claims. (Cl. 216—62)



1. The method of labeling an ice cream cone, consisting in applying the mouth of a suction tube to a rectangular label in a manner so as to leave the corners of the label free, lifting the tube with the label adhering thereto and inserting the label and the tube down into the tip of the cone until the corners of the label engage the wall of the cone so as to tend to retain the label in the cone, and then breaking the suction and removing the tube.

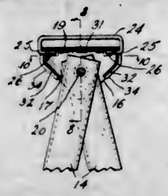
2,124,671

END FITTING FOR SUSPENDERS

Floyd A. Knoll, Buffalo, N. Y., assignor to Condor Products, Inc., Buffalo, N. Y.

Application December 5, 1936, Serial No. 114,402

4 Claims. (Cl. 241—27)



1. A fitting for supporting a plurality of tabs from a strap, including a shackle having spaced sides between which ends of said tabs extend, means for connecting said tabs to said shackle, a loop to which said strap may be secured and having end portions extending into engagement with said shackle between the sides thereof, and a finishing member extending across a side of said shackle and having parts extending between said sides for securing said loop to said shackle and for securing said member to said shackle.

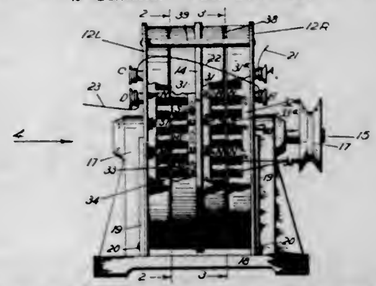
2,124,672

ELECTRIC MOTOR

Howell T. Pershing, Jr., Denver, Colo.

Application May 25, 1936, Serial No. 81,707

2 Claims. (Cl. 172—36)



1. In an electric motor, an annular stator electromagnet, having a plurality of axially projecting pole pieces, adjacent poles being of opposite sign, a rotor, a similar annular rotor electromagnet having pole pieces projecting axially toward the stator poles, a polarity-reversing commutator on the rotor, conductive brushes contacting the commutator, and means for simultaneously rotating the brushes about the commutator to change the time of polarity reversal.

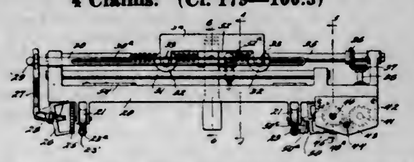
2,124,673

SOUND REPRODUCING MECHANISM

John Puma, Newark, N. J.

Application March 22, 1935, Serial No. 12,480

4 Claims. (Cl. 179—100.3)



1. A sound reproducing mechanism comprising a photo-electric cell, a surface having sound recordings in lines extending across the small dimension of the surface, means for illuminating the record lines adjacent the position of the photo-electric cell, means for bringing about an intermittent coactive operation between the illuminating means, photo-electric cell and the record at predetermined intervals and means including a track parallel to the sheet for supporting and relatively moving the photo-electric cell and illuminating means with relation to the record lines and progressively along the latter.

2,124,674

BOTTLE HOODING MACHINE

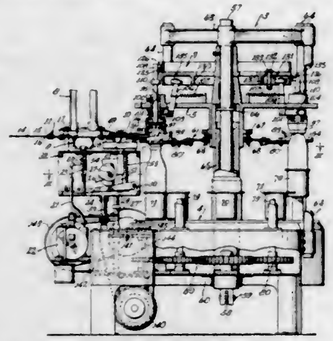
Don Ray, Los Angeles, Calif.

Application March 1, 1937, Serial No. 128,382

16 Claims. (Cl. 226—80)

2. In a bottle hooding machine of the turret type, a rotatable head frame provided with a plurality of forming heads in peripherally spaced relation, each of said forming heads including a vertically disposed sleeve provided with an outwardly extending flange at its lower end, a plurality of jaw members of bell crank form piv-

otally mounted on the lower end of said sleeve, a ring slidable on said sleeve, links connecting said ring and jaw members, lever means carried by the head frame and engageable with said



ring to actuate said jaw members, and elastic pads carried by the inner surfaces of said jaw members whereby yieldable contact between said jaws and a bottle is effected.

2,124,675

METHOD FOR THE POLYMERIZATION OF ROSIN

Alfred L. Rummelsburg, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 20, 1936, Serial No. 64,939
13 Claims. (Cl. 260—97)

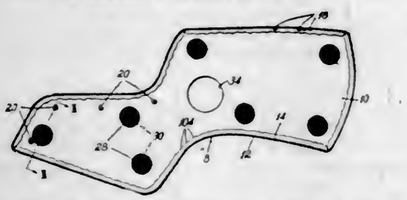
1. The method for the polymerization of rosin without decreasing its acidity which includes treating rosin with a compound selected from the group comprising boron trifluoride and molecular compounds of boron trifluoride, at a temperature of not more than 30° C. for a period of time within the range of about 5 minutes to about 2 hours whereby a polymerized rosin, having a substantially increased melting point and an acid number substantially equal to that of the original rosin, is produced.

2,124,676

METHOD OF MAKING CUTTING DIES

George F. Ryan, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Original application October 31, 1934, Serial No. 750,861. Divided and this application October 12, 1935, Serial No. 44,741
3 Claims. (Cl. 76—107)



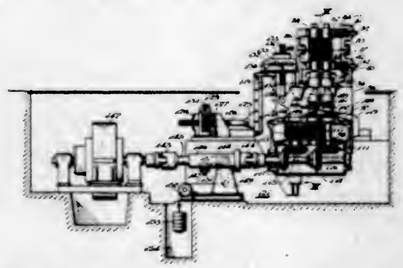
1. The method of producing dies which consists in providing a template corresponding in shape and dimensions to one blank of a series of blanks of similar shape but of different sizes to be cut from sheet material, utilizing the template in cutting pantographically from sheet metal a series of cores corresponding to the series of blanks, and attaching cutting blades to the cores to form a graded series of cutting dies.

2,124,677

VERTICAL MILL

Howard H. Talbot, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application September 20, 1933, Serial No. 690,277
4 Claims. (Cl. 80—31.1)



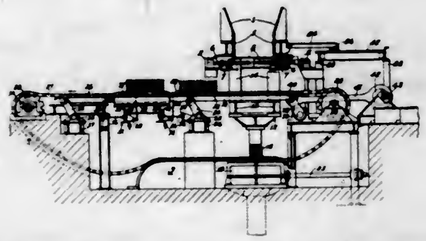
1. A rolling mill comprising a rigid roll housing, a pair of vertically disposed working rolls mounted in said housing, means for adjusting one of said rolls to vary the roll pass, a flexible driving assembly including gearing interconnecting the rolls and mounted in said roll housing, a fixedly mounted motor, a shaft flexibly connecting said motor to said driving assembly a supporting frame for said housing mounted for movement in a horizontal plane, vertically adjustable means mounted on said supporting frame for holding said housing in said frame, a motor also mounted on said frame for actuating said vertically adjustable housing supporting means, and means for adjusting said frame and housing horizontally.

2,124,678

SHEET-HANDLING APPARATUS

Howard H. Talbot, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application July 7, 1936, Serial No. 89,376
17 Claims. (Cl. 214—2)



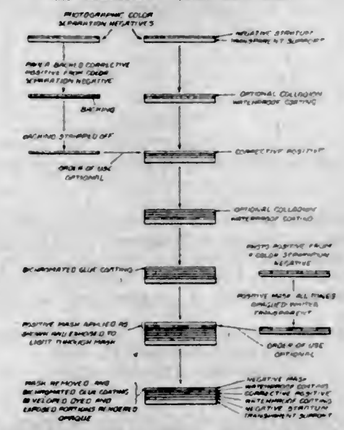
1. Article-handling apparatus comprising means for forming a pile of articles, weighing means spaced therefrom, an endless conveyor traveling from said pile-forming means to said weighing means and permanently mounted therebetween, means for lowering said pile-forming means to deposit said pile on said conveyor, means for actuating said conveyor to cause it to convey said pile to a point above said weighing means, and means for lowering said conveyor to deposit said pile on said weighing means.

2,124,679

CORRECTION OF NEGATIVES

William J. Wilkinson, Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application May 11, 1936, Serial No. 79,173
12 Claims. (Cl. 95—5.1)



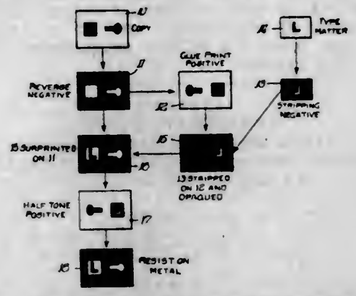
1. A corrected negative of a subject consisting of a transparent-support, a negative-stratum of the subject on said support, a corrective-transparency stratum only of the subject and a negative-mask stratum only of the subject superposed in either order on and in register with said negative-stratum and with one another, all three strata being in adhered relation to one another, said mask being substantially-opaque for all white portions of the subject and otherwise transparent.

2,124,680

SURPRINTING

William J. Wilkinson, Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, a corporation of Illinois

Application January 12, 1937, Serial No. 120,249
24 Claims. (Cl. 95—5)



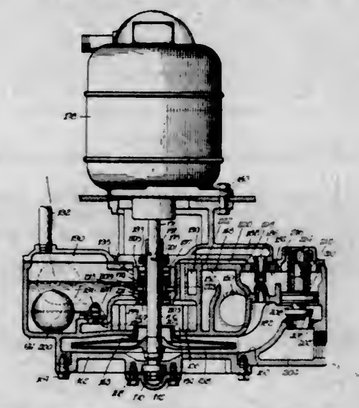
1. In the method of surprinting supplemental matter for the production of a printing-plate, the steps of making a stripping-transparency of the original supplemental matter, making a transparency of the original copy, stripping said supplemental-matter-transparency and securing it in proper position on said copy-transparency, thereby providing a supplemental-matter-master, opaquing said master, if not otherwise opaque, except for said supplemental matter, and supplying a photographic opposite of said master on a transparency of the original copy, said opposite being photographically-opaque in those portions thereof which have been acted upon by the light through said master.

2,124,681

LIQUID DISPENSING APPARATUS

Robert J. Jauch and Byron J. Pepper, Fort Wayne, Ind., assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind., a corporation of Maryland

Application June 15, 1936, Serial No. 85,290
20 Claims. (Cl. 103—113)



1. In a device of the character described, the combination of a casing, said casing having an impeller chamber adjacent the base thereof, an eddy chamber above said impeller chamber, a horizontally disposed impeller disposed to rotate in said impeller chamber and in communication with said eddy chamber, a float chamber in said casing vented to the atmosphere for releasing air separated in said float chamber, said float chamber having a return connection to said eddy chamber, a float controlled valve mounted in said float chamber for controlling said return connection, a suction chamber connected to said eddy chamber and having a supply opening, a baffle in said chamber for maintaining the liquid level in a portion of said casing at a predetermined height, a jet chamber disposed adjacent said impeller chamber and connected thereto by a jet, a discharge chamber having a discharge opening, a differential valve for controlling flow from said impeller to said discharge chamber, one side of said valve being in communication with said jet chamber, an ejector line connected to said float chamber and to said jet chamber through an ejector tube disposed adjacent and in substantial alignment with said jet, a connection between said jet chamber and said suction chamber above said baffle, a vertically disposed drive shaft connected to said impeller and extending upwardly for connection to driving means, said drive shaft extending through said eddy chamber and said float chamber, a stuffing box having cooperative relation with said shaft and interposed between said eddy and float chambers and in communication with said float chamber, said stuffing box being so constructed and arranged that suction in said eddy chamber will increase the tightness between said stuffing box and said shaft, and stuffing box means interposed between said float chamber and said casing.

18. In a device of the character described, the combination of a casing, said casing having an impeller chamber, a suction chamber having a supply opening, an impeller disposed to rotate

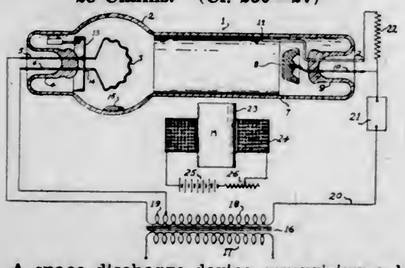
in said impeller chamber and in communication with said suction chamber, means for driving the impeller, a settling chamber in said casing and having an outlet connected to said suction chamber, means for controlling said outlet, venting means for said casing, a jet chamber, discharge means including an outlet, a valve controlling the outlet from said impeller chamber, means normally urging said valve to closed position, and means associated with said valve and responsive to the suction created in said jet chamber to open said valve, an ejector line connected to said settling chamber and to said jet chamber, ejecting means located in the path of discharge of liquid from the impeller and supplied with liquid from the impeller chamber for drawing fluid from the jet chamber into the ejector line, and a connection between said jet chamber and said suction chamber.

2,124,682

ELECTRICAL GASEOUS DISCHARGE DEVICE

Percy L. Spencer, West Newton, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application May 19, 1932, Serial No. 612,235
28 Claims. (Cl. 250—27)



1. A space discharge device comprising a hermetically sealed envelope enclosing two electrodes in an ionizable atmosphere, said electrodes adapted to support a discharge between them, the pressure of said atmosphere being sufficiently high to produce intense ionization upon the passage of said discharge, said envelope being provided with a tubular section surrounding a portion of the discharge path between said electrodes, a hollow tubular electrically-conductive member positioned within said tubular section, the transverse cross-section of said tubular member being substantially equal in size and shape with the inside transverse cross-section of said tubular section, whereby the outer wall of said tubular member lies closely adjacent the inner wall of said tubular section, and means for impressing a magnetic field on the discharge space within said hollow tubular electrically-conductive member and transversely to said discharge path within said hollow member.

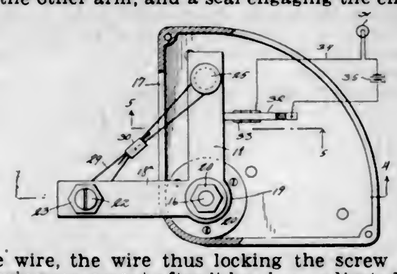
2,124,683

SPEED CONTROLLER FOR AUTOMOTIVE VEHICLES

John Christian Abele, Philadelphia, Pa.

Application February 11, 1937, Serial No. 125,343
2 Claims. (Cl. 74—526)

1. A device of the character described, including a casing having an opening in one face, a two-armed element pivoted at the junction of the arms in said casing, one arm of the element extending out through said opening, a stop screw carried by the last named arm and vertically adjustable through the arm, a wire passing through said stop screw and operatively connected to the other arm, and a seal engaging the ends of



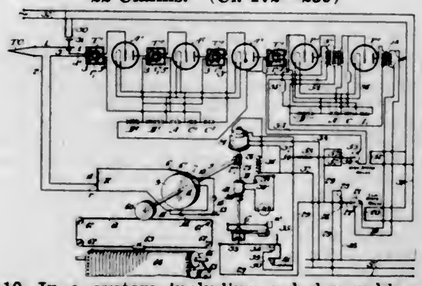
the wire, the wire thus locking the screw from turning movement after it has been adjusted.

2,124,684

RECORDER AND CONTROL SYSTEM

Leo Behr and Albert J. Williams, Jr., Philadelphia, Pa., and John V. Adams, New Rochelle, N. Y., assignors to Leeds & Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania

Application April 1, 1932, Serial No. 602,424
Renewed January 15, 1938
22 Claims. (Cl. 172—239)



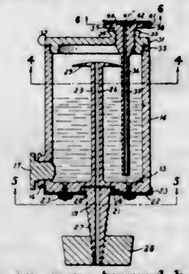
10. In a system including a balanceable network, the method which comprises unbalancing the network to produce an alternating current whose phase and amplitude corresponds to the sense and magnitude of the change of a condition, and actuating structure in a direction determined by the phase of said current to reduce unbalance of the network, and at high speed for magnitudes of said alternating current above a predetermined magnitude, and at a predetermined low speed for smaller magnitudes of said alternating current.

2,124,685

ANTISEPTIC BUNG

Leon Brendel, Ontario, Calif.

Application February 23, 1937, Serial No. 127,035
2 Claims. (Cl. 217—105)



2. In a bung, an open topped body, said body having a bottom with an attaching member thereon, a closure for the open top of said body, said

closure including a threaded apertured boss, a threaded plug fitting said threaded boss, said plug including an inwardly extending tubular portion terminating adjacent the bottom of said body, said plug and said tubular member having an aperture therethrough, said plug having a band thereon, said band including spaced arms, a pivoted closure mounted on said spaced arms, said pivoted closure including a projection thereon fitting the aperture in said plug.

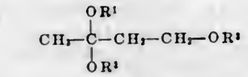
2,124,686

KETALS

Wallace H. Carothers and Harry B. Dykstra, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 24, 1937, Serial No. 138,746
22 Claims. (Cl. 260—151)

13. A ketal of the formula



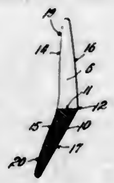
where R^1, R^2 and R^3 are hydrocarbon radicals.

2,124,687

COMB

Oswald B. Carson, Scarsdale, N. Y., assignor to American Hard Rubber Company, New York, N. Y., a corporation of New York

Application February 3, 1938, Serial No. 188,423
3 Claims. (Cl. 132—11)



1. A comb of the character described, comprising an elongated back having a front side and a rear hair-contacting side, and a flat bank of alined teeth projecting from the inner edge of said back, and having a front side and a rear hair-contacting side, the rear side of the back and the rear side of the bank of teeth forming an angle between them, the front side of the back and the front side of the bank of teeth forming a reflex angle terminating as a ridge in line with the bases of the teeth, and the margins of both the rear side of the back and the rear side of the bank of teeth being adapted to be brought against the hair during the cutting operation.

2,124,688

HYDROXY SECONDARY DISAZO DYES AND PROCESS FOR THEIR PREPARATION

Herbert W. Daudt, Wilmington, Del., and Harold E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 25, 1937, Serial No. 132,968
17 Claims. (Cl. 260—81)

1. A compound made by coupling a diazotized nitro-amino-diphenylamine-sulphonic acid with a primary aryl amine from the benzene and naphthalene series having a free coupling position non-adjacent to the amino group which is diazotizable when coupled, diazotizing the product of coupling and coupling with a hydroxy coupling component from the group consisting of hydroxy benzene compounds, beta hydroxy naphthalene compounds and pyrazolone compounds.

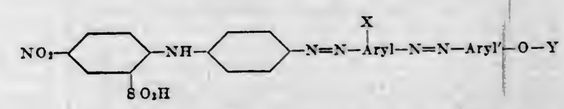
2,124,689

BROWN AZO DYES

Herbert W. Daudt, Wilmington, Del., and Harold E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 25, 1937, Serial No. 132,969
16 Claims. (Cl. 260—81)

7. A compound represented by the formula



in which Aryl is the residue of an aryl amine of the group consisting of the benzene and naphthalene series coupled in a position non-adjacent to its amino group, X is at least one of a group consisting of hydrogen, alkyl, alkoxy, halogen, sulphonic acid and carboxy, Aryl' is a residue of a hydroxy compound of the group consisting of a hydroxy benzene compound and hydroxy naphthalene compound and Y is the residue of the group consisting of an aroyl halide and a dialkyl ester of an inorganic acid.

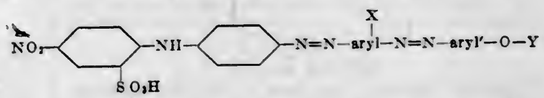
2,124,690

BROWN WOOL DYE

Herbert W. Daudt, Wilmington, Del., and Harold E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 25, 1937, Serial No. 132,970
13 Claims. (Cl. 260—81)

7. A compound represented by the formula



in which aryl is the residue of an aryl amine of the group consisting of benzene and naphthalene and coupled in a position para to the amino group, X is at least one of a group consisting of hydrogen, alkyl, alkoxy, halogen, acyl amino and carboxy, aryl' is the residue of a hydroxy compound of the group consisting of a hydroxy ben-

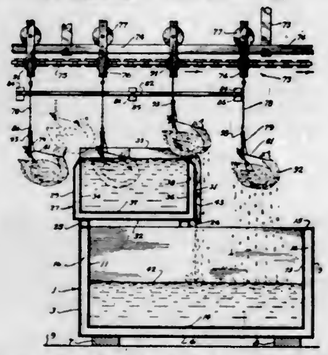
zene, and a hydroxy naphthalene, Y is a residue of a compound of the group consisting of a hydrocarbon sulfon halide, an acylating compound and an alkylating compound.

2,124,691

METHOD AND APPARATUS FOR DIPPING POULTRY

Anson W. De Vout, La Grange Park, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware

Application February 8, 1935, Serial No. 5,641
15 Claims. (Cl. 17—11.1)



1. A device of the class described, comprising a supply tank, heat exchange means in said tank, a dipping tank cooperatively disposed in fixed relation above said supply tank, means surrounding the walls and bottom of said dipping tank for applying heat thereto, and means for circulating congealable compound between said tanks.

11. The method of treating fowl, consisting of suspending the fowl with the feet and heads above the body portions thereof, successively advancing the fowl while so suspended within the path of a tank containing a congealable compound, lifting the fowl over the forward wall of said tank, horizontally conveying the fowl between the limits of said tank and with their body portions below the surface of said congealable compound, lifting the fowl over the rearward wall of said tank, and recovering the excess compound dripping from said fowl, each step being accomplished without interruption to their continuous advancement.

14. A poultry dipping device including a supply tank, a dipping tank mounted in fixed relation above said supply tank and means for circulating a congealable compound between said tanks and for maintaining a constant supply of the compound in the dipping tank, means for applying heat to the compound at the immediate point of dipping comprising a heating chamber surrounding the walls and bottom of said dipping tank, means for supplying heat to said chamber, and means for thermostatically controlling the heat within said chamber, said thermostatic means being actuated by the temperature variations of the compound contained within said dipping tank.

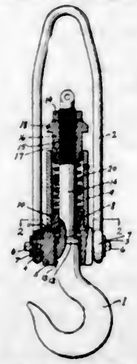
2,124,692

CASING HOOK

George F. Fermier and John C. Stokes, Houston, Tex., assignors to Reed Roller Bit Company, Houston, Tex., a corporation of Texas

Application June 20, 1936, Serial No. 86,255
18 Claims. (Cl. 294—82)

1. In a casing hook, in combination, a yoke member, a spring supported thereby, a hook member supported on said spring, a dashpot having relatively movable parts connected to said yoke and to said hook, respectively, said dashpot including means for retarding without substantially restricting downward movement of said hook while permitting substantially free upward movement thereof with respect to said yoke.

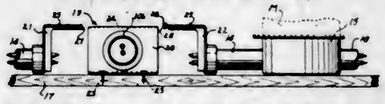


2,124,693

ELECTRICAL DISTRIBUTION SYSTEM

Roy C. Fryer, Cincinnati, Ohio, assignor to The Orion Electric Company, Wilmington, Del., a corporation of Delaware

Application March 27, 1936, Serial No. 71,150
7 Claims. (Cl. 247—9)



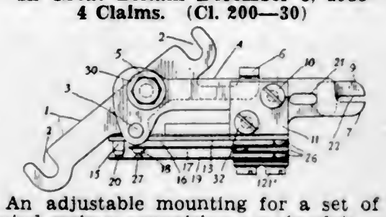
1. In an electrical distribution system in combination with a conduit system interconnecting the protective and metering devices of the distribution system, a distribution box to protect the tie point of lateral circuits to the main bus, comprising a channel-shaped member to form three sides of the box, L-shaped members cooperating with the channel-shaped member to form the other sides of the box, and means cooperating with the aforementioned members to lock the enclosure in position.

2,124,694

ELECTRIC SWITCHING DEVICE

Ernest Jules Gachet and Horace Edgar Humphries, London, England, assignors to Siemens Brothers & Company Limited, London, England

Application November 13, 1936, Serial No. 110,562
In Great Britain December 6, 1935
4 Claims. (Cl. 200—30)



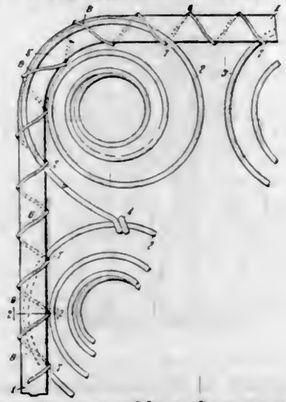
1. An adjustable mounting for a set of cam operated springs comprising a main plate, a second plate carrying a set of spring contacts, said second plate pivotally mounted on said main plate, each of said plates having extending ends crossing over each other to form a pair of slots, the insertion of a tool in one of said slots causing relative movement of the plates to move the spring contacts closer to the cam, and the insertion of the tool in the other slot causing relative movement of the plates to move the spring contacts farther away from the cam.

2,124,695

SPRING ASSEMBLY

William W. Gleason, Chicago, Ill., assignor to Nachman Springfilled Corporation, Chicago, Ill., a corporation of Illinois

Application December 11, 1937, Serial No. 179,221
9 Claims. (Cl. 5—260)



5. In a spring assembly, a frame member having a face of substantial width, an upholstery spring having an arcuate portion lapping said face of said frame member and extending across said face, and a tri-point tie securing the arcuate portion of the spring and the frame member in snug facial engagement and with lateral binding points alternating interiorly and exteriorly of said arcuate portion of the spring, whereby to prevent substantially all lateral movement of the arcuate portion of the spring relative to said frame member.

2,124,696

WINDOW REGULATOR

William J. Hall, Detroit, Mich., assignor to Herron-Zimmers Moulding Co., Detroit, Mich., a corporation of Illinois

Application October 12, 1936, Serial No. 105,254
1 Claim. (Cl. 268—102)



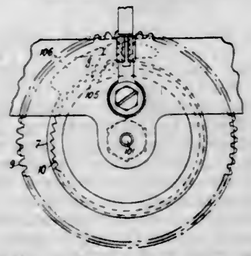
A window regulator comprising a relatively flat tubular section forming the intermediate portion of said regulator, a substantially flat member extending into one end of said tubular section engaging the inner walls thereof and forming a rigid extension thereof, means fixedly securing said member to said tubular section, another substantially flat member extending into the other end of said tubular section, means forming a longitudinally extending opening in that end of said last named member which extends into said tubular section, means pivotally securing said last named member to said tubular section through said opening, said tubular section having a portion of one side removed at the end adjacent said last named member, the construction and arrangement being such that said last named member may be pivoted relative to said tubular member by movement into said removed portion and may be moved along said opening into engagement with the inner walls of said tubular section to form a rigid extension thereof, means pivotally engaging said first named member to said window, and means forming notches in said members.

2,124,697

REGISTERING APPARATUS PARTICULARLY APPLICABLE TO TOTALIZATORS

John Handley, London, England

Application August 29, 1936, Serial No. 98,519
In Great Britain January 3, 1935
1 Claim. (Cl. 235—91)



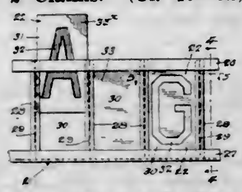
A mechanism of the class described comprising a primary rotor, means for actuating said primary rotor in step-wise rotation, a secondary rotor, a spring for transmitting motion of the primary rotor to the secondary rotor, said spring serving temporarily to store excessive impulses on the primary rotor, means for preventing rotation of the secondary rotor due to the action of the spring, means for temporarily rendering said rotation-preventing means ineffective when the primary rotor is undergoing step-wise rotation so that the secondary rotor urged by the spring is likewise subject to step-wise rotation, said second-named means also permitting the secondary rotor to rotate sufficiently to release any energy temporarily stored in the spring due to excessive impulses on the primary rotor and means actuated by said rotors for indicating the number of impulses received by said rotors.

2,124,698

SIGN

Otto W. Harms, Chicago, Ill.

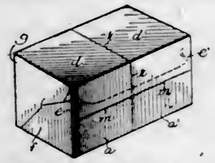
Application April 26, 1937, Serial No. 138,907
2 Claims. (Cl. 40—32)



2. A sign comprising a flexible, endless belt, having upper and lower plate holding bands and spaced transverse plate spacing members secured at their ends to said upper and lower bands, said bands and spacing members providing

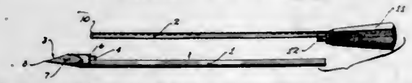
grooves to receive the edge portions of character displaying plates, and flexible character displaying plates removably held in the grooves and disposed in the spaces formed by the bands and plate spacing members, said plates having opaque surface portions outlining transparent portions which define characters.

2,124,699
DISPENSING CARTON
Bertie S. Harrington, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
Application February 28, 1936, Serial No. 66,167
6 Claims. (Cl. 229—51)



2. A rectangular dispensing carton severable along weakened lines, one a median transverse line including three sides and excluding the fourth side to serve as a hinge whereby when severed to enable the resultant half portions to be swung to a position side by side bringing the exposed faces uppermost to afford access to the interior for dispensing the contents, and also weakened along a median line extending longitudinally of opposite sides and intersecting the first line at right-angles whereby when severed to enable the outer part of one of the aforementioned half portions in turn to be swung at an angle exposing a quarter of the contents for dispensing.

2,124,700
LARDING NEEDLE
Dwight W. Hartzell, Dixon, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application March 9, 1935, Serial No. 10,320
3 Claims. (Cl. 17—42.1)

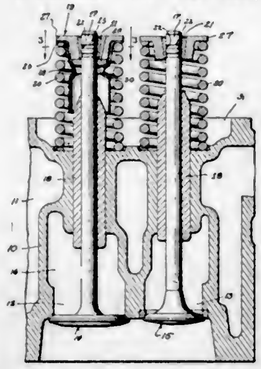


3. A larding needle comprising two semicylindrical sections forming a tube, a pointed member having a reduced shank secured at the forward end of one of said sections, a shoulder rearwardly extending from said pointed member above said mentioned section providing an angular niche, a beveled end on the other semicylindrical section engageable with said angular niche, and a handle having a reduced shank secured at the opposite end of said last-mentioned section, the shank of each section being adapted for engagement with the other of said sections.

2,124,701
GRAMOPHONE RECORD
Willy O. Herrmann, Munich, Germany, assignor to Alfred Van Raap, Amsterdam, Netherlands
No Drawing. Application June 11, 1934, Serial No. 730,061. In Germany June 16, 1933
7 Claims. (Cl. 274—41)

1. A gramophone record consisting of a middle high polymeric layer and an outside layer attached to each side thereof, said outside layers each comprising a vinyl resin and an aldehyde resin.

2,124,702
ENGINE
Enos R. Jacoby, Muskegon, Mich., assignor to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia
Application April 17, 1937, Serial No. 137,504
8 Claims. (Cl. 123—188)



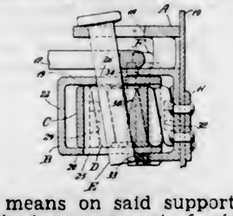
1. In a device of the character described, a valve including a stem portion, a valve guide for said stem portion, a valve spring, a valve spring retainer secured to the end of said valve stem portion, and a valve stem oil guard secured to said retainer by said valve spring and depending from said retainer, said guard constructed to shield the valve stem portion projecting from said guide.

2,124,703
IMITATION LEATHER FINISH
Harvey G. Kittredge, Dayton, Ohio, assignor, by mesne assignments, to New Wrinkle, Inc., Dayton, Ohio, a corporation of Delaware
No Drawing. Application May 7, 1936, Serial No. 78,487
1 Claim. (Cl. 134—26)

An improved imitation leather enamel composition adapted for coating relatively thin flexible materials and drying to a high flexible wrinkle finish film at forced drying temperatures approximating 225 degrees Fahrenheit, consisting by volume of approximately eighty-one parts of synthetic resin Varnish I; approximately forty and one-half parts of Varnish II; approximately nine parts of raw China-wood oil; approximately nine parts of a drier composed of a mixture of lead, cobalt, and manganese linoleate compounds dissolved in turpentine; five to ten parts petroleum naphtha thinner; color ground in spar varnish; and a high boiling point plasticizer in the amount approximating ten percent by volume of the enamel composition.

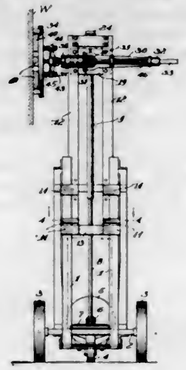
2,124,704
DRAFT AND BUFFING GEAR
John H. Link, Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application May 4, 1935, Serial No. 19,780
12 Claims. (Cl. 213—9)

1. In a combined draft and buffing gear for cars, the combination with a support on the end of the car; of a buffing head slidable inwardly on said support; a follower movable inwardly with said head; yielding means opposing inward movement of said follower; a coupling pin bearing at one end on the follower; a coupling link through which said pin extends for applying an outward pulling force to the other end of said pin, said pin being fulcrumed between its ends on the buffing



head; and means on said support for limiting outward swinging movement of said pin.

2,124,705
SURFACING MACHINE
William O. Locklin, Rochester, N. Y.
Application March 21, 1935, Serial No. 12,129
10 Claims. (Cl. 51—180)

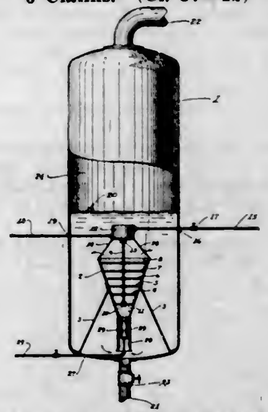


1. A surfacing machine comprising a support, a frame mounted on said support for substantially vertical upward and downward movements relatively to the support, a shaft mounted on said frame for rotation about a substantially horizontal axis, said shaft moving upwardly and downwardly bodily with said frame, motor means mounted on said support, a substantially vertical shaft driven by said motor means, means for driving said horizontal shaft from said vertical shaft in all positions to which said horizontal shaft may be moved by upward and downward movement of said frame, a carrier mounted on said frame and movable bodily therewith and also rotatable relatively to said frame about an axis substantially coincidental with that of said horizontal shaft, a third shaft mounted on and movable bodily with said carrier and extending substantially perpendicular to said horizontal shaft, means for driving said third shaft from said horizontal shaft, and rotary surfacing means operatively connected to said third shaft and driven thereby.

2,124,706
STABILIZED FATS AND METHOD FOR PREVENTING RANCIDITY
Donald J. Maveety, Millburn, N. J., assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application March 14, 1935, Serial No. 11,001
7 Claims. (Cl. 99—163)

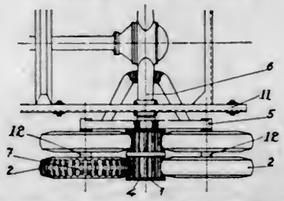
1. The method of retarding rancidity in oils and fats which comprises incorporating therein a small amount of the residue from the distillation of a spice oil.

2,124,707
OIL AND FAT DEODORIZATION
Roy C. Newton and Walter F. Bollens, Chicago, Ill., assignors to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application October 11, 1935, Serial No. 44,503
6 Claims. (Cl. 87—12)



1. A deodorizer comprising a vessel, said vessel having an oil inlet and outlet, and a gas outlet, means for admitting a gaseous medium to said vessel, the point of escape of the gaseous medium within said vessel being positioned near the bottom of said vessel within a restricted passage open at the ends, the uppermost end of said restricted passage being suitably spaced from and below the top of said vessel and beneath the oil level and means including a rotatable perforated disc mounted within said restricted passage above the point of escape of the gaseous medium for disintegrating the gaseous medium into small bubbles within the body of oil.

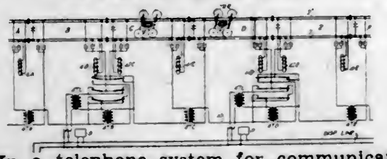
2,124,708
DRIVING DEVICE PROVIDED WITH ENDLESS TRACK CHAINS FOR MOTOR VEHICLES
Hans Konrad Peter, Liestal, Switzerland
Application March 4, 1935, Serial No. 9,169
In Switzerland March 5, 1934
2 Claims. (Cl. 180—9.1)



1. A driving device provided with an endless track chain for motor vehicles, comprising in combination: a vehicle body; driving axles journalled in said vehicle body; hollow cylinders each mounted on one of said driving axles and each comprising spaced end walls and members forming teeth connecting said end walls at parts adjacent to their peripheries; brackets journalled on said driving axles; wheel axles journalled in said brackets; a plurality of driving wheels mounted on said wheel axles and arranged in such manner as to form two rows parallel to one another and each row comprising at least two driving wheels located one behind the other; toothed rubber tyres on the peripheries of said

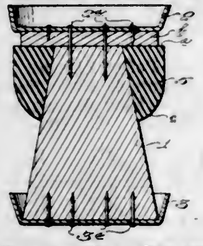
driving wheels; one of said hollow cylinders being arranged between each two driving wheels located one behind the other in such manner that its axis is in the same horizontal plane as the axis of said two driving wheels and that its teeth engage with the teeth of the latter so as to drive them; and an endless track chain comprising closed loosely interconnected links and transverse connecting ribs, said chain passing around said rubber tyres and engaging the teeth thereof to receive motion therefrom, substantially as described.

2,124,709
TELEPHONE SYSTEM
William C. Phebus, Berwyn, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application December 5, 1929, Serial No. 411,714
28 Claims. (Cl. 246—8)



1. In a telephone system for communicating between a moving train and a wayside point, the combination with a transmitting and receiving set on the train, of a transmitting and receiving set at the wayside point, a line for said second set, a plurality of intermediate circuits for individually inductively connecting the two sets via said line, and means for inductively connecting two of said intermediate circuits over a path independent of said line.

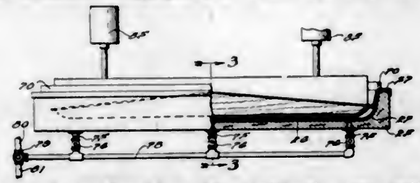
2,124,710
WELL CEMENTING PLUG
Joseph E. Pipes, Olney, Tex.
Application March 17, 1937, Serial No. 131,416
2 Claims. (Cl. 166—1)



1. In a well cementing plug arranged for introduction in a well casing the combination comprising a truncated coniform body having a disc-like member affixed to its smallest end, flexible packing means secured to said disc and to the base of said body to overreach the edges thereof and a resilient ring conforming to said body and disposed intermediate its ends and capable of expansion upon slight upward movement of said body in said casing, said resilient ring being beveled at its lower end.

2,124,711
METHOD AND APPARATUS FOR REPRODUCING IMAGES ON CURVED SURFACES
George S. Rowell, Cleveland, Ohio
Application June 25, 1937, Serial No. 150,287
13 Claims. (Cl. 101—41)

4. The method of applying images to articles having curved surfaces which comprises disposing an inked elastic membrane over a mold having an interior configuration complemental to the surface to which the image is to be applied, sealing the marginal portions of said membrane to the marginal portions of said mold, evacuating said mold to force said membrane into intimate engagement with the interior of



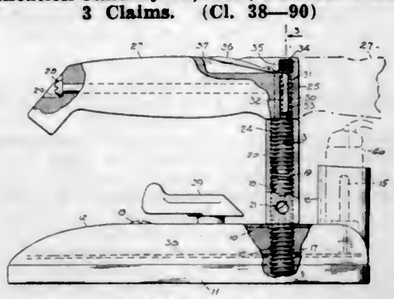
the surface of said mold, positioning an article to be decorated in proximity to said membrane, supplying fluid under pressure to said mold to urge the inked surface of said membrane into contact with the surface of the article to be decorated, and subsequently evacuating said mold to draw said membrane out of contact with said article.

2,124,712
COMBINED COMB AND HAIR CURLING DEVICE
Elsa C. Ruckdeschel, New York, and William N. Brady, Piermont, N. Y., assignors to American Hard Rubber Company, New York, N. Y., a corporation of New York
Application November 30, 1937, Serial No. 177,198
1 Claim. (Cl. 132—35)



A combined comb and hair curling device comprising a comb portion having at one end thereof an outwardly extending elongated handle-like part, wider than thick, terminating in a slotted bodkin, the slot being formed midway and longitudinally in the wider side of the bodkin, said slot having at each edge thereof a longitudinally extending bevel, the two bevels on each side of the bodkin constituting a groove, the inner ends of the bevels and the groove passing inwardly into the sides of the handle-like part of the comb toward the comb portion as tapered recesses or grooves to receive therealong the end of one prong of a hair-dressing pin to guide the prong of said pin into the center of a hair curl.

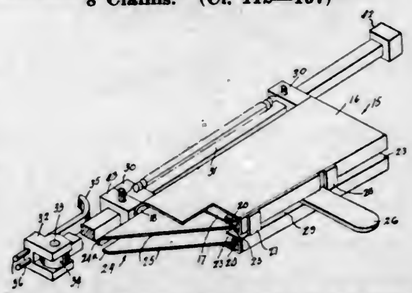
2,124,713
ELECTRIC IRON AND IMPROVEMENT IN THE HANDLE PORTION THEREOF
Albertine Ruelland, New York, N. Y.
Application January 19, 1937, Serial No. 121,248
3 Claims. (Cl. 38—90)



3. A swingable handle for a sad-iron, compris-

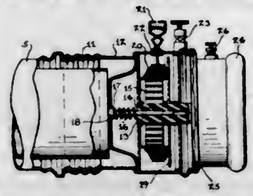
ing an upright threaded bolt adapted to be screwed into a threaded hole provided in the body of any normal iron, a post having a threaded bore, screwed on said bolt, a horizontal arm provided with a threaded shank at right angles thereto screwed into the upper end of the bore in the post, a spring depressed lock bolt arranged in the horizontal arm parallel to and offset laterally from the shank and capable of being aligned with depressions in the upper end of the post at opposite sides of the threaded bore to project into one or the other of said depressions and lock the arm against rotary movement, and means mounted in the arm to temporarily lift the lock bolt against the spring tension to release it from a depression and allow the arm to be swung to another position and the lock bolt to engage in the other depression.

2,124,714
MITER FORMING DEVICE FOR CURTAINS AND THE LIKE
David H. Rosenberg, New York, N. Y.
Application November 17, 1937, Serial No. 174,967
8 Claims. (Cl. 112—137)



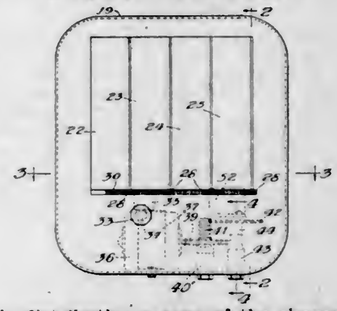
1. A miter joint forming device for fabric articles, said device being adapted to be secured to a sewing machine and comprising a band folding and guiding outer shell, an inner shell having a mitered end, means for folding the band material about the said mitered end to form a miter joint on the band, said means comprising pivotally mounted fingers adapted to be swung into the interior of the inner shell at the mitered end thereof, and a slidably mounted rod upon which the said fingers are carried for withdrawing same from the interior of the inner shell after the miter joint is formed.

2,124,715
COMBINED FLASHLIGHT AND CIRCUIT TESTER
Ernest Otto Scheerer, Linden, N. J.
Application May 18, 1935, Serial No. 22,278
6 Claims. (Cl. 175—183)



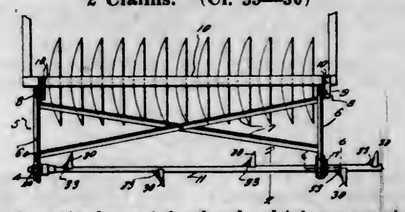
1. The combination with a flashlight having a case, a lamp on one end of the case, dry cells within the case, a metal cap mounted on the end of the case, means carried by the cap to establish electrical connection with the dry cells, a self-winding drum arranged in the cap, a flexible electrical conductor connected to the drum, a clip on the end of the flexible conductor, said drum and the conductor being electrically connected to the means, and a switch for controlling the circuit through the dry cells and lamp, whereby the electrical conductor may be employed for making tests of circuits portions of which are widely separated from each other.

2,124,716
AIR DISTRIBUTING MEANS
Philmore F. Sperry, Chicago, Ill., assignor to Excel Auto Radiator Company, Chicago, Ill., a corporation of Delaware
Application April 18, 1936, Serial No. 75,123
6 Claims. (Cl. 230—274)



1. Air distributing means of the character described comprising a housing member having an aperture therein, a plurality of shutters movably mounted on said housing member for controlling and directing the flow of air through said aperture, and power driven means for continuously maintaining said shutters in motion, said power driven means comprising a reciprocating member operatively connected to said shutters, a motor, and mechanism operatively connecting the motor to said reciprocating member, said mechanism including an overload release operable at any time whether said motor is operating or not.

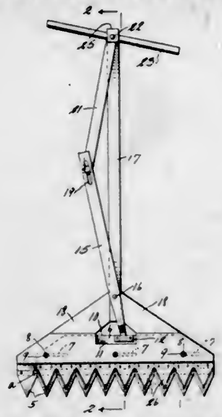
2,124,717
BASIN ATTACHMENT
Ira Standley, Garden City, Kans.
Application November 16, 1937, Serial No. 174,895
2 Claims. (Cl. 55—30)



1. An attachment for land vehicles comprising spaced parallel members, means for pivotally mounting said members on a vehicle for movement upwardly and downwardly with respect to the ground, a journal secured on one of said members, a shaft supported adjacent one end thereof by said journal, collars secured on said shaft and engaging opposite ends of the journal to prevent endwise movement of the shaft in said journal, a substantially U-shaped bracket secured on the other member and having an opening, said last-named member having an opening arranged

opposite the opening in the bracket, a bearing sleeve receiving the shaft and arranged between the bracket and the last-named member and having a closed end overlying one end of the shaft and provided with a lubricating fitting, oppositely extending lugs formed on the sleeve and received by the openings, a cap secured on the shaft and snugly fitting over one end of the sleeve to retain lubricant in the latter, and ground engaging elements secured on the shaft.

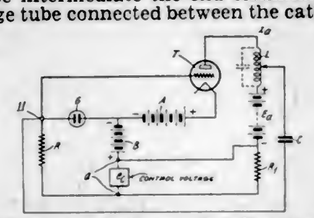
2,124,718
CUTTING IMPLEMENT
Vereau L. Stathem, Riverdale, Calif.
Application May 6, 1937, Serial No. 141,152
3 Claims. (Cl. 30—209)



2. A cutting implement comprising a head of sheet metal folded to provide overlying spaced plates, the rear marginal portions of the plates being connected, one of said plates having its forward longitudinal margin terminating in advance of the corresponding margin of the second plate, cutting teeth secured to the extended portion of the one plate, a sliding plate positioned between the two plates inwardly of said teeth, cutting teeth carried by the forward marginal portion of the sliding plate for coaction with the stationary teeth, a handle member, means for attaching the same to the rear portion of the head, the rear portion of one of the plates being provided with a slot, a socket member carried by the sliding plate within said slot, a rock lever mounted upon the handle member and having one end portion engaging within the socket member, a rock arm secured to the outer portion of the handle member and operatively connected with the lever, and means for rocking said arm.

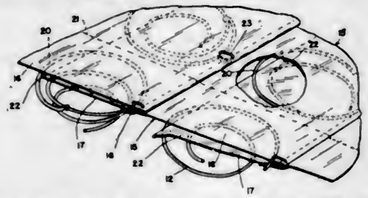
2,124,719
ELECTRIC WAVE GENERATOR
Rudolf Urtel, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application April 27, 1935, Serial No. 18,687
In Germany April 23, 1934
3 Claims. (Cl. 250—36)

2. In an oscillation generator, an electron tube having cathode, grid and plate electrodes, an inductance having one end terminal connected with the plate electrode and the other end terminal connected with the tube cathode, a capacity having one terminal connected with the grid and the other terminal connected to a point on the inductance intermediate the end terminals, a glow discharge tube connected between the cathode and



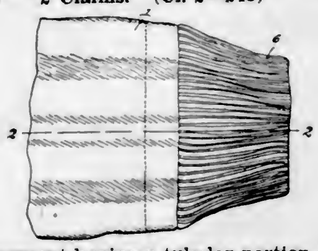
grid, and a source of control voltages connected between the grid and cathode.

2,124,720
SPRING CUSHION
Desire H. Van Hove, Pleasant Ridge, Mich.
Application June 1, 1937, Serial No. 145,865
7 Claims. (Cl. 5—235)



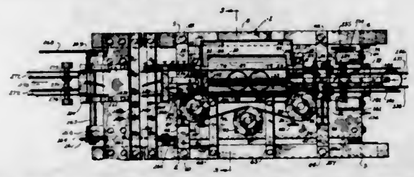
1. In a spring cushion, a plurality of coil springs supported in spaced relation to each other, a covering sheet for the springs comprising a plurality of strips of fabric positioned with the longitudinal edges thereof lapping each other, each of the strips of fabric having one longitudinal edge folded over to form a flap extending along the inner side of the strip and cooperating with the inner side to receive the end convolutions of one series of springs therebetween, means securing the folded edge of each strip to the adjacent edge of the next adjacent strip to form a continuous covering sheet, means securing the flaps of each strip to said inner side to form individual pockets for the aforesaid end coils of the springs, and means cooperating with the lapping portions of said strips for securing an end convolution of each spring in its respective pocket.

2,124,721
GARMENT
Charles S. Wagner, Harrisburg, Pa., assignor to Blough Manufacturing Co., Inc., Harrisburg, Pa.
Application April 14, 1937, Serial No. 136,921
2 Claims. (Cl. 2—243)



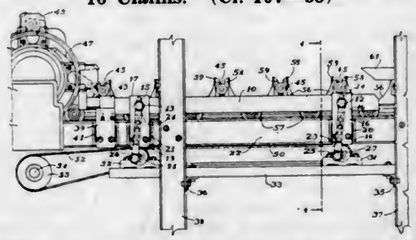
1. A garment having a tubular portion, a band within the tubular portion and extending entirely therearound, said band being attached along one edge portion to the tubular portion along an annular line spaced back from the edge of the tubular portion, a tubular cuff of double thickness attached to the edge of the tubular portion of the garment and to the other edge of the band, said cuff being extended beyond said tubular portion and the seam being extended inwardly from the joined parts of the tubular portion, band and cuff, the band being exposed beyond the seam and constituting means for distributing pulling strains from the cuff to those portions of the tubular portion secured to the band at points spaced back from the seam.

2,124,722
APPLICATOR
Charles T. Walter, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application December 13, 1935, Serial No. 54,181
16 Claims. (Cl. 91—51)



1. A device of the class described comprising a roller having a gradually increasing diameter, means for applying a film of congealable material to the outer surface of said roller and means for conveying the ends of tubular bodies between the ends of said roller and in a plane parallel to the axis of said roller, said tubular bodies being conveyed in the direction of increasing diameter of said roller.

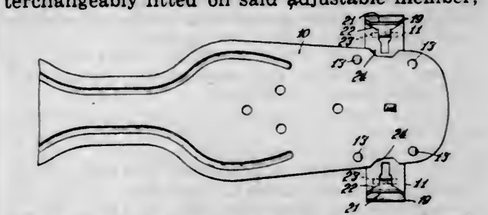
2,124,723
CUP PASTRY BAKING MACHINE
James W. Wharmby, Dayton, Ohio, assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
Application September 16, 1937, Serial No. 164,141
16 Claims. (Cl. 107—58)



1. In a cup pastry baking machine of the class having a plurality of traveling molds and cores therefor wherein charges of batter are supplied to the molds, the combination with the molds and cores of reciprocating means to raise and lower the cores in the molds during the initial part of the baking period.

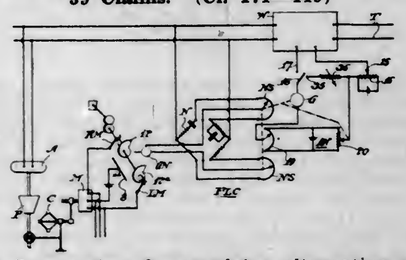
2,124,724
SKATE CLAMP
Henry F. Whitcomb, Jr., Milwaukee, Wis., assignor to Richardson Ball Bearing Skate Company, Chicago, Ill., a corporation of Illinois
Application July 6, 1936, Serial No. 89,147
7 Claims. (Cl. 280—11.32)

1. A clamp device for removably attaching a skate to a shoe comprising a member adjustably supported for movement transversely of the skate, and an upwardly extending element for engagement with the shoe and having a readily removable interlocking engagement with said adjustable member whereby elements adapted to fit shoe soles of various thicknesses may be interchangeably fitted on said adjustable member,



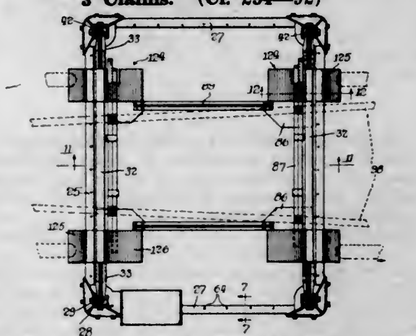
the said interlocking engagement being of sufficient looseness to permit the said element to move about a vertical axis to accommodate shoe soles of different shapes.

2,124,725
ELECTRICAL GENERATING SYSTEM
Albert J. Williams, Jr., and Stephen B. Morehouse, Philadelphia, Pa., assignors to Leeds & Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 19, 1935, Serial No. 27,326
39 Claims. (Cl. 171—119)



1. In a system for supplying alternating current comprising generator stations interconnected by one or more tie lines, the method of operation which comprises, upon a change of system frequency, substantially immediately and simultaneously changing the power inputs at the stations to cause them to share in and rapidly effect return of system frequency toward normal, and more slowly changing the power input at one or more stations ultimately to return its tie line load to predetermined magnitude.

2,124,726
ELEVATING DEVICE FOR AUTOMOTIVE VEHICLES
George J. Blum, Chicago, Ill.
Application January 14, 1935, Serial No. 1,695
3 Claims. (Cl. 254—92)



1. In a device adapted for elevating an automotive vehicle, a lifting carriage including spaced plates adapted to underlie a vehicle chassis frame,

a rack member supported by each of said plates and comprising a body including a flat base and an inverted L-shaped head and supporting arm, said head over-lying said base in spaced relation thereto whereby to permit engagement of a chassis member over a vehicle spring or the like, and means on said head for non-slipping engagement with said chassis member.

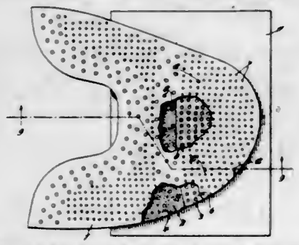
2,124,727

METHOD OF MAKING SHOES

Samuel Bown, St. Louis County, Mo., assignor to International Shoe Company, St. Louis, Mo., a corporation of Delaware

Application November 11, 1933, Serial No. 697,572

13 Claims. (Cl. 12—146)



7. In the art of making shoes, the process comprising, providing a vamp and lining having therein a mass of ventilating openings, providing a separate box toe member having therein a mass of ventilating openings, passing mechanical members through the openings in the box toe member and one of said other members, and while the mechanical members remain in the openings in said box toe member and one of said other members; adhesively uniting said vamp, lining and box toe member all together.

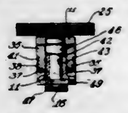
2,124,728

PRINTER'S REGISTER HOOK

William F. Brügmann, Evanston, Ill.

Application April 25, 1936, Serial No. 77,473

18 Claims. (Cl. 101—388)



1. A printer's register hook, comprising a pair of separable body portions, co-operating threaded members adapted to secure said body portions together at one end, and a U-shaped member having its free ends removably inserted into said body portions to secure the latter together at their other end.

2,124,729

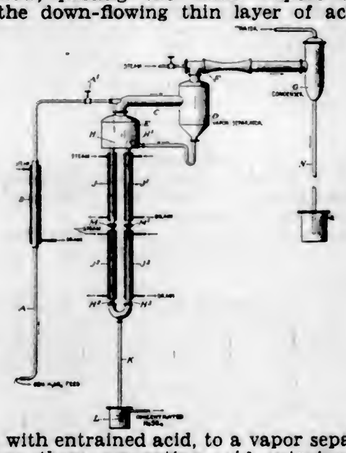
CONCENTRATING ACID SOLUTIONS

James B. Castner and Ralph F. Peterson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application June 6, 1934, Serial No. 729,208

4 Claims. (Cl. 23—169)

1. The process of concentrating sulfuric acid in a closed system, which process comprises introduced an aqueous solution of sulfuric acid into said system maintained under vacuum, bringing said acid into a distributing chamber where it is caused to flow into at least one substantially vertical heated tube, maintaining a flow of the acid continuously in the form of a thin layer down and over the inner surface of said vertical tube, causing said acid to boil during its down-flow, passing the water vapors evolved from the down-flowing thin layer of acid, to-



gether with entrained acid, to a vapor separating chamber, there separating said entrained acid from said vapors, and passing said separated entrained acid back to the distributing chamber, and leading the separted vapors from the system.

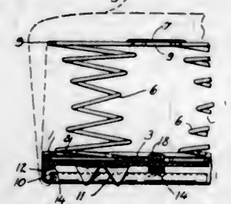
2,124,730

SPRING CUSHION

John M. Caughey, Adrian, Mich., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich., a corporation of Michigan

Application October 13, 1937, Serial No. 168,717

6 Claims. (Cl. 155—180)



2. A spring cushion comprising a bottom frame defining an opening, spaced cross said slats bridging said opening and fixed at each end to said frame, a bottom plate resting upon and supported by said spaced slats, a spring unit mounted upon said bottom plate, and one or more spring clips each comprising a strip of sheet metal secured to the said bottom frame member and having a portion extending horizontally inwardly of the frame beneath the bottom plate to form a seat for supporting the bottom plate along an edge and a portion extending upwardly about the edge of the bottom plate and unit spring assembly and bent inwardly and overlapping the said bottom plate and unit spring assembly to secure the same together and to said bottom frame.

2,124,731

MACHINE FOR TESTING GOLF BALLS AND THE LIKE

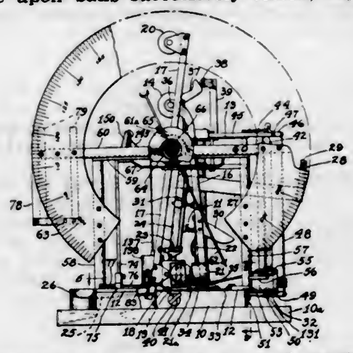
Wilbert W. Cranford and George I. Butler, La Grange, Ill.

Application March 16, 1936, Serial No. 68,996

18 Claims. (Cl. 73—51)

1. In a machine for testing golf balls and the like, the combination of an oscillatory impact arm

carrying an impact surface, an oscillatory reaction arm, a ball cage carried by said reaction arm in the path of said impact surface, said ball cage exposing a surface of a ball being tested to the impact of said impact surface, means for producing substantially uniform impacts of said impact surface upon balls successively tested, register-



ing devices showing the amount of reaction of said reaction arm to the impact upon a tested ball, and operating mechanism between said reaction arm and said registering devices, said operating mechanism being inactive for reactive movement of said reaction arm and operated by return movement of said reaction arm to its impact receiving position.

2,124,732

CAN OPENER

Phillip Culinovic, Summit, Ill.

Application August 11, 1937, Serial No. 158,581

2 Claims. (Cl. 30—16)



1. A can opener of the class described comprising a metallic bar, an arcuate punch rigidly mounted on one end portion of said bar in spaced relation thereto, a substantially cup-shaped resilient shield mounted between the bar and the punch and substantially enclosing the latter, and a tapered vent projecting from said shield.

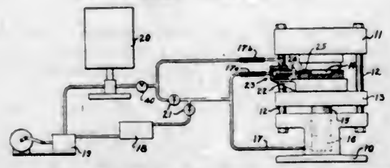
2,124,733

MOLDING DEVICE

Hugh L. Decker, Toledo, Ohio, assignor to The Electric Auto-Lite Company, Toledo, Ohio, a corporation of Ohio

Application April 22, 1936, Serial No. 75,758

10 Claims. (Cl. 18—17)



1. In a hydraulic mold with a divisible molding chamber having relatively movable parts, a source of hydraulic pressure, and a hydraulic chamber to exert pressure in the molding chamber, means cooperating with the walls of the molding chamber to enter the molding chamber, hydraulic means automatically operated by the pressure in the hydraulic chamber to thrust the means entering the molding chamber into and to remove the same in timed relation with the movement of the walls of the molding chamber.

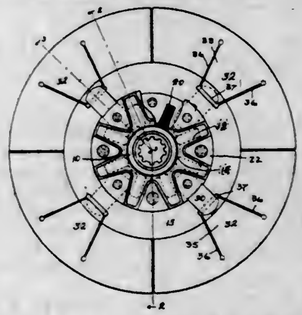
2,124,734

CLUTCH

Herbert W. Fies, Cleveland Heights, Ohio, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio, a corporation of Ohio

Application January 25, 1937, Serial No. 122,158

4 Claims. (Cl. 192—107)



2. A clutch plate of the character described, comprising a hub, a thin resilient metallic plate secured thereto, said plate having a series of connected radial slots forming a plurality of radially extending tongues capable of being depressed out of the normal plane of said plate, resilient means normally depressing said tongues out of the plane of said plate, and sectors of metallic frictional material secured to opposite faces of the outermost portion of said plate, including said tongues.

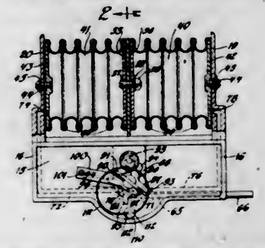
2,124,735

FLUID PRESSURE MOTOR

Forrest Floyd T. Flint, Detroit, Mich., assignor, by direct and mesne assignments, to Automotive Devices Incorporated, a corporation of Michigan

Application May 20, 1935, Serial No. 22,457

4 Claims. (Cl. 121—48)



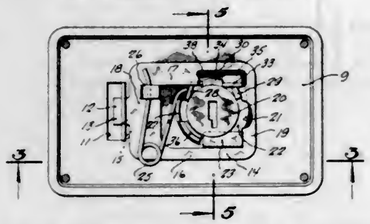
1. In a snap-acting control mechanism an oscillatory shaft a control lever to be actuated in accordance with the movements of said shaft, means for pivotally supporting said lever for movement to either of two positions, biasing means for snapping said lever quickly between its positions comprising a spring of substantially circular conformation surrounding said lever, means for pivotally anchoring the ends of said spring, an intermediate deformed portion on said spring providing a seat for operatively engaging one end of the valve shifter lever to continuously apply a biasing tension thereon, and means for operating said snap-acting mechanism.

2,124,736

LOCK

Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application January 2, 1937, Serial No. 118,818
14 Claims. (Cl. 70—74)



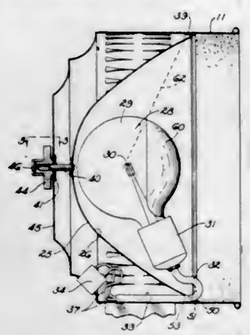
12. In a lock of the character described: an escutcheon plate having two spaced holes therethrough; a bolt slidable across the back of the plate; said bolt having an end portion adapted for latching engagement with a part inserted into one hole; a rotatable lock cylinder sidewise shiftable in the other hole when in an unlocked position of rotation; cooperating means on the escutcheon plate and the cylinder for defining the limits of rotation of the cylinder; a tumbler stop on the escutcheon plate; key operable tumblers carried by the lock cylinder to engage said stop and secure the cylinder in a locked position of rotation, the engagement of the tumblers with said tumbler stop cooperating with the rotation limiting means to secure the cylinder against sidewise shifting; a connection between the lock cylinder and the bolt whereby sidewise shifting of the lock cylinder retracts the bolt; and a part on the lock cylinder exposed on the front of the escutcheon plate to provide means for imparting bolt retracting motion to the lock cylinder.

2,124,737

DIFFUSION SYSTEM FOR ILLUMINATION

Allen C. Jenking and Roy C. Beck, Los Angeles, Calif., assignors to Vitachrome, Inc., Los Angeles, Calif., a corporation of California

Application September 26, 1934, Serial No. 745,582
8 Claims. (Cl. 240—41.35)



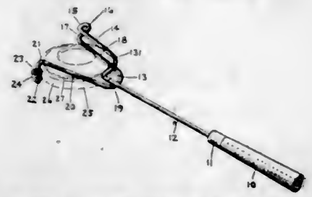
3. In combination in a diffusion lamp for directing a diffused beam of light toward a subject without the use of transparent or translucent diffusing media: a diffusion member providing a clean metallic surface of granular nature facing the subject to be illuminated; a light source comprising an incandescent electric light bulb including a filament positioned in front of said diffusion member; and a vapor-deposited metallic reflecting surface between said filament and said subject and of sufficient size to shield said subject from all direct rays from said filament whereby all of the rays from said filament reach said diffusion member either directly or by reflection from said reflecting surface and whereby all of the rays illuminating said subject reach said subject from said diffusion member.

2,124,738

HAND TRAP

Aksel Johnsen, Ilion, N. Y., assignor to Remington Arms Company, Inc., a corporation of Delaware

Application July 19, 1935, Serial No. 32,199
2 Claims. (Cl. 124—5)



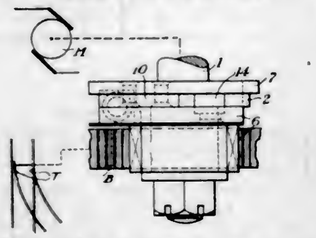
1. A target holder comprising an elongated handle, and a stiff but elastic wire secured at one end only to said handle and extending in alignment with said handle to form a shank of not less than half the length of said handle, said wire beyond said shank being turned laterally and forwardly, then downwardly and rearwardly, then laterally and forwardly, and finally laterally and upwardly, to form vertical and lateral supports for a target.

2,124,739

TRAILABLE POINT OPERATING MECHANISM FOR RAILWAYS AND THE LIKE

Arthur Greenwood Kershaw, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application March 5, 1936, Serial No. 67,400
In Great Britain March 16, 1935
4 Claims. (Cl. 246—240)



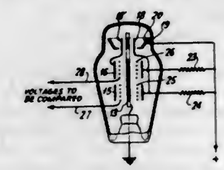
1. Mechanism for operating railway points and the like adapted to lock the points in one extreme position and to unlock the points automatically when they occupy said one extreme position and a train trails the points, said mechanism comprising a driving element which is rotated between two extreme positions, a driven element mounted for rotation coaxially with said driving element and operatively connected with the point tongues, means for operatively connecting said driven element with said driving element in a manner permitting a limited amount of lost motion between said driven and driving elements, a locking element mounted for rotation coaxially with said driven element and operatively connected to said driven element through a spring of predetermined strength, a locking member for locking the points in one extreme position movable between a locking and an unlocking position and provided with a roller, a radial shoulder formed on said locking element and cooperating with said roller when said driving element is rotated to its one extreme position to normally retain said locking member in its locking position, and an inclined shoulder on said driving element cooperating with said roller when said driving element is moved away from its one extreme position to move said locking member to its unlocking position prior to any movement of said driven member.

2,124,740

ELECTRONIC INDICATING DEVICE

Charles N. Kimball, East Orange, N. J., and Edward W. Wilby, Westerleigh, N. Y., assignors to Radio Corporation of America, a corporation of Delaware

Application October 27, 1937, Serial No. 171,254
6 Claims. (Cl. 250—27.5)



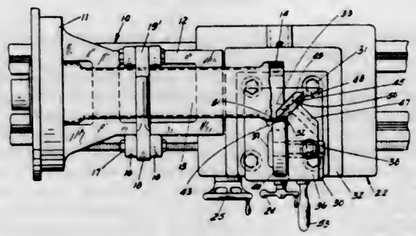
1. An electron discharge device having an envelope, a cathode within said envelope for supplying electrons, a dish-shaped anode surrounding the cathode and having its interior surface coated with a fluorescent material for receiving electrons from the cathode to produce a luminous annular shaped pattern on the anode, a plurality of control electrodes positioned between the anode and the cathode to determine the area of the fluorescent surface of the anode reached by the electrons, a second cathode in said envelope, a plurality of plates surrounding said second cathode, said plates being axially spaced along said second cathode, and control means between the second cathode and said plates and a conductor connected between each of the control electrodes and a different one of said plates.

2,124,741

METHOD AND APPARATUS FOR WORKING METAL

Alex W. Knudsen, Rocky River, Ohio, assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio

Application April 18, 1936, Serial No. 75,210
11 Claims. (Cl. 153—29)



1. The method of forming a flange on an annulus consisting of rotating the annulus, causing a forming tool to engage and support opposite surfaces of a wall of the annulus, and then moving said forming tool radially and inwardly of the rotating annulus to bend said wall of the annulus into an inwardly extending annular flange, and moving said tool first inwardly and transversely of the axis of the annulus to disengage the tool from the inwardly extending flange, and then axially of the annulus to withdraw the tool from the interior of the annulus.

2,124,742

PROCESS FOR PRODUCING COPPER PHTHALOCYANINE

Reginald Patrick Linstead, London, and Charles Enrique Dent, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application May 14, 1936, Serial No. 79,817
6 Claims. (Cl. 260—12)

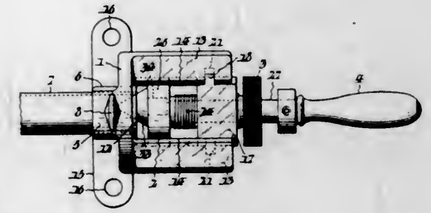
1. The process of producing a copper-containing coloring matter of the phthalocyanine series, which comprises heating the corresponding metal-free coloring matter in an organic solvent for the same, in the presence of a substance capable of yielding copper atoms.

2,124,743

DEVICE FOR FINISHING TUBE ENDS

John G. McMahon, Philadelphia, Pa.

Application July 2, 1936, Serial No. 88,587
9 Claims. (Cl. 153—81)



1. Portable apparatus for finishing tube ends comprising a yoke including a clamping portion having a die therein surrounding the tube end, and spaced arms extending from said clamping portion and forming a guideway, a removable block keyed to said arms and bridging the free ends thereof, a tool holder movable in the guideway formed by said arms, a sleeve engaging said tool holder and having internal threaded engagement with said removable block whereby the rotation of said sleeve moves said tool holder towards and away from said die, and means for rotating said tool holder, said tool holder having a bearing therein eccentric to its axis of rotation and adapted to accommodate a finishing tool.

2,124,744

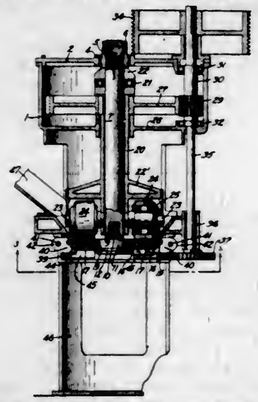
PELLET MILL

Edgar T. Meakin, Berkeley, Calif.

Application January 3, 1934, Serial No. 705,120
20 Claims. (Cl. 107—8)

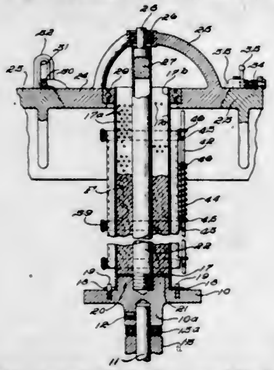
1. In apparatus adapted to extrude material through an apertured die plate, means for cutting off said material mounted beneath said die plate comprising an annular bearing attached to said die plate surrounding the apertures therein

and opening inwardly, a ring floating in said bearing, a knife attached to said ring and extend-



ing inwardly across said apertures, and means for rotating said ring.

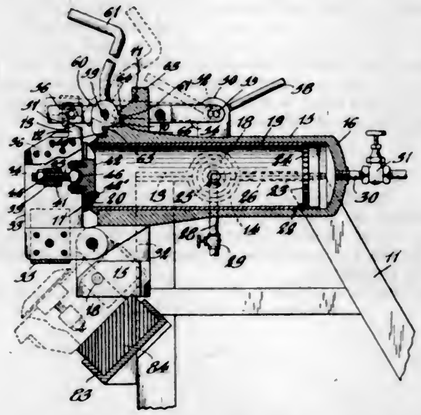
2,124,745
MANUFACTURE OF INSULATION FORMS
John W. Morgan, Detroit, Mich.
Application March 22, 1933, Serial No. 662,062
Renewed August 29, 1936
2 Claims. (Cl. 92—58)



1. In an apparatus for molding insulation forms or the like composed of moldable material, a mold comprising a pair of semi-cylindrical foraminous walls hinged together, upper and lower members for supporting opposite ends of said mold to rotate about a vertical axis, a vertical spindle extending centrally of said walls and forming a core, and means for rotating said walls and core to effect extraction of water from a fluid mass of material within the mold and to produce a hollow molded form between said core and wall, said upper member having a portion providing a bearing for said walls and a spaced portion slidable on said spindle.

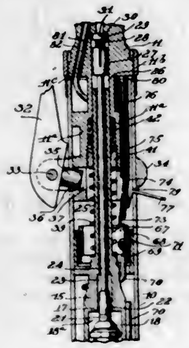
2,124,746
METHOD FOR TREATMENT OF MATERIALS
William J. Plews, Niagara Falls, N. Y., assignor to Plews Processes, Inc., a corporation of New York
Application December 17, 1934, Serial No. 757,964
5 Claims. (Cl. 99—82)

4. The method of preparing a ready-to-eat food product possessing a commercial shelf-life from oat groats by the explosion process which consists in placing a body of raw oat groats in a pressure chamber, uniformly subjecting said body of raw oat groats throughout substantially its entire cross-sectional area to the action of superheated steam under superatmospheric pres-



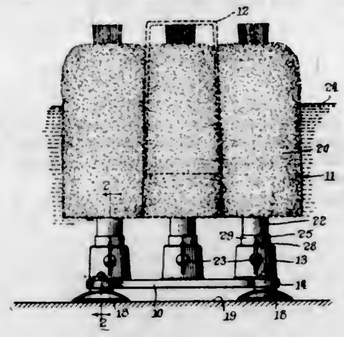
sure to simultaneously uniformly cook the oat groats over said cross-sectional area without decomposing the natural oil content thereof, and then suddenly releasing the pressure in said chamber to expel and substantially uniformly expand the oat groats.

2,124,747
FLUID CONTROL DEVICE
Alphonse F. Pieper, Rochester, N. Y.
Application June 4, 1935, Serial No. 24,904
26 Claims. (Cl. 128—400)



1. A syringe including relatively movable tubular body members adapted for the passage of the fluid therethrough, a valve for controlling the flow of the fluid and opened by one of the body members when moving it to a predetermined position relative to another, electric heating means for the fluid having a switch closed by movement of one of said body members upon effecting relative movement between the body members to open the valve, and separate operating devices one for effecting relative movement between said body members to open the valve and another being manually operable to open the switch when the valve is in open position.

2,124,748
DEVICE FOR CLEANING RECEPTACLES
Albert Ransom, Jr., Chicago, Ill.
Application September 25, 1935, Serial No. 41,965
4 Claims. (Cl. 15—164)



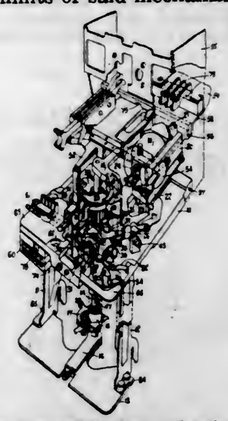
4. A device for cleaning receptacles having, in combination, a base provided with a plurality of open-end sockets, a plurality of brushes having their heads abutting and having absorbent stems seated in said sockets, a non-absorbent and wear-resistant annular ferrule snugly surrounding and fixed to the end portion of each stem and fitting in its socket to permit the stem to be rotated in or withdrawn from the socket, each ferrule having formed therein a series of circumferentially-spaced recesses to receive a locking device, and a movable locking device carried by each socket and arranged to engage in said recesses selectively when the brush is manually rotated, said device acting to restrain the brush against accidental rotation in or withdrawal from its socket.

2,124,749
STABILIZATION OF ANIMAL AND VEGETABLE FATS AND OILS
Paul L. Salzberg, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 9, 1935, Serial No. 49,039
6 Claims. (Cl. 87—12)

1. Animal and vegetable fats and oils normally tending to become rancid having incorporated therein, in an amount sufficient to inhibit rancidity development, a phenol of the benzene series having at least one alkoxy group in at least one of the positions ortho and para to a hydroxyl group, said alkoxy group containing 12 carbon atoms, said phenol consisting of carbon, hydrogen and oxygen.

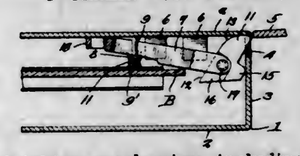
2,124,750
AUTOMATIC SWITCH FOR USE IN TELEPHONE OR LIKE SYSTEMS
Robert Norman Saxby, Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill., a corporation of Delaware
Application December 13, 1935, Serial No. 54,287
In Great Britain January 8, 1935
8 Claims. (Cl. 179—27.52)

1. An automatic step-by-step switch having wipers, magnets for first stepping the wipers in a vertical direction and then in a rotary direction, armatures for said magnets having pawl and ratchet mechanisms for controlling the stepping movement, adjusting devices for adjusting the stroke and limits of said mechanisms, all of said



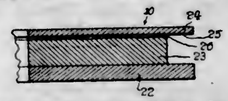
adjustments accessible from the front side of the switch.

2,124,751
DOOR LATCH
Claud H. Saxton, Elmira, N. Y.
Application February 18, 1937, Serial No. 126,466
5 Claims. (Cl. 292—71)



5. A latching mechanism including a casing having a face plate, a sliding and swinging bolt in said casing, means adapted to urge said bolt to a position for sliding movement, means carried by the bolt engaging the face plate to limit outward sliding movement thereof and coacting with the face plate during swinging movement of the bolt, and releasable means engaging the last named means to restrain swinging movement of the bolt to unlatching position.

2,124,752
RECTIFIER AND PROCESS OF MAKING SAME
Kurt E. Schimkus, Chicago, Ill., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application June 25, 1934, Serial No. 732,242
13 Claims. (Cl. 175—366)

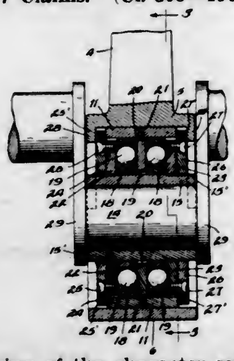


1. A rectifier cell comprising, in combination, an electrode embodying manganese combined with one or more elements from Group VI, family B of the periodic system (selenium, tellurium, sulphur), and a complementary electrode including one or more of the lighter electropositive metals and having a surface of manganese oxide for contact with said first mentioned element.

2. The process of forming an electrode for a rectifying cell which includes the steps of cleaning a surface of a strip of an electropositive metal selected from the group magnesium, alumi-

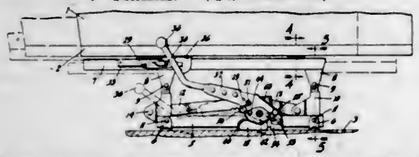
num and magnesium-aluminum alloy, depositing on said surface a coating of manganese oxide, drying and cleaning said coating, and cutting the strip to form a plurality of uniformly similar electrodes.

2,124,753
ANTIFRICTION BEARING
Richard A. Schultz, Chicago, Ill.
Application September 26, 1936, Serial No. 102,634
7 Claims. (Cl. 308—196)



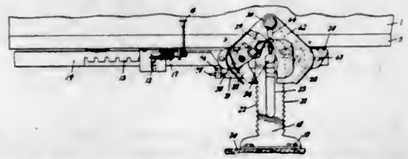
1. A bearing of the character set forth, comprising a plurality of series of rollers with balls mounted therein, a split raceway surrounding said rollers, the edges of said raceway having longitudinal interengaging fastening means comprising coacting tongue and groove members with radial and circumferential engaging portions whereby the raceway sections will be held against relative circumferential or radial movement, all surfaces of said tongue and groove members being parallel to the axis of the bearing, a central split separating thrust ring for separating the rollers and balls of the two series, means for securing the sections of said ring to the raceway, split end thrust rings at either end of the bearing engaging with the balls of the adjacent series, means for securing the sections of the end rings together and a split sleeve positioned within the series of rollers and engaged thereby, the edges of the sections of the sleeve having interengaging tongues and grooves serving to hold the sections against relative radial or circumferential movement.

2,124,754
SEAT ADJUSTER
Emory Glenn Simpson and Andrew Christian Andersen, assignors to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application May 27, 1936, Serial No. 82,054
7 Claims. (Cl. 155—88)



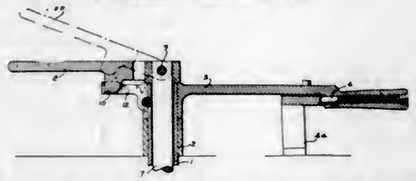
1. In an automotive vehicle body, a seat adjuster for raising and lowering a vehicle seat comprising a pair of levers positioned in spaced relation one behind the other for supporting the seat, each lever having one end pivotally connected to the seat and the other end pivotally connected to the floor of the vehicle body, a rotatable shaft mounted upon the floor of the vehicle body between the said levers, a gear fixed to the said shaft, a rack bar meshed with the said gear and pivotally connected to one of said levers between the pivoted ends of the said lever, a lever operatively connected to the said shaft for turning the same to raise the seat, and means for latching the said shaft and gear against rotation.

2,124,755
SEAT ADJUSTER
Emory Glenn Simpson and Andrew Christian Andersen, Detroit, Mich., assignors to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application May 27, 1936, Serial No. 82,055
14 Claims. (Cl. 155—88)



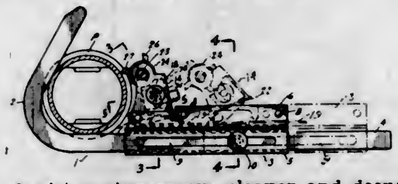
10. In combination, a seat, a support therefor, operative connections between the support and the said seat permitting said seat to rock upon the said support and to move upwardly and downwardly along the said support, pawl and ratchet mechanism carried by the seat and the said support actuatable by the rocking movement of the said seat to adjust the said seat vertically along the said support, a shiftable control for the said pawl and ratchet mechanism shiftable into one position whereby rocking movement of the seat causes the pawl and ratchet mechanism to raise the seat and shiftable into another position whereby rocking movement of the seat causes the pawl and ratchet mechanism to lower the seat upon its support, and a latch for latching the pawl and ratchet mechanism in any of its vertically adjusted positions to hold the seat against rocking movement.

2,124,756
ENGINE CONTROL
Dana R. Staples, Ridley Park, Pa.
Application March 26, 1937, Serial No. 133,191
1 Claim. (Cl. 74—480)



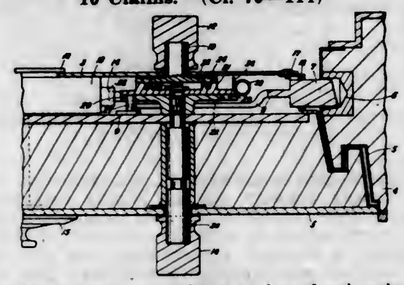
In combination, a pair of coaxial shafts, a main control lever secured to one of said shafts and provided with a vertically extending recess, a supplemental lever pivotally connected to the other of said shafts for movement in a plane containing the shaft axis, and a lug projecting from said supplemental lever so as to move axially into engagement with said recess whereby during said engagement said supplemental lever lies in a plane substantially normal to the shaft axis and is adapted to be moved axially to a slightly inclined position wherein said lug is disengaged from said recess thereby to allow said supplemental lever to move independently of the main lever.

2,124,757
PISTON RING GROOVE CLEANER
William Vaughan, Lapeer, Mich., assignor of one-half to Aircraft Specialties, Inc., Lapeer, Mich., a corporation of Delaware
Application June 1, 1936, Serial No. 82,964
3 Claims. (Cl. 82—4)



1. A piston ring groove cleaner and deepener comprising a straight bar bent back upon itself at one end to provide means for engaging pistons of widely varying diameters at two spaced points, a cutter element mounted on said bar for both slidable and pivotal movement to and away from the bent end of said bar and spring means urging said cutter element about its pivotal point toward the bent end of said bar.

2,124,758
BOLT ACTUATING MECHANISM
Charles J. Bates, Jr., Englewood, N. J., and Gerard Del Grosso, Hamilton, Ohio, assignors to The Mosler Safe Company, Hamilton, Ohio, a corporation of New York
Application February 20, 1936, Serial No. 64,910
10 Claims. (Cl. 70—114)



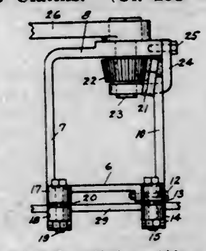
9. Apparatus for locking a door having inside and outside faces and having an opening through said door, comprising a shaft rotatably received in said opening and extending through the door, means on the outer end of the shaft for manually turning the shaft in said opening, a slotted disc mounted on the inner end of the shaft for rotary movement with the shaft, said slots in the disc being elongated, arcuate and concentric relative to said shaft, a second disc disposed adjacent the first disc and having an opening therein, the shaft extending loosely through the opening in the second disc, means at the inner end of the shaft for retaining the second disc against separation from the shaft, studs carried by the second mentioned disc and extending, one each, into a slot in the first mentioned disc whereby the discs may have limited independent movement about the axis of the shaft, means on the second mentioned disc, aligned with the shaft, for manually actuating the second mentioned disc about its axis, a lock bolt operable from the outside face of the door and mounted in protected position interiorly of the door for movement to and from engagement with the slotted disc for controlling operation of said disc by said external manually operable means, door bolting means connected to said studs, and a coiled spring disposed circumferentially of said discs and having its opposite ends attached to one each of the discs, said spring being conditioned to yieldingly retain the second disc in position for disposing the door bolting means in door bolting position.

2,124,759
BUILDING BLOCK MOLD AND METHOD OF FORMING FACED BUILDING UNITS
Myron W. Bradbyer, Hammond, Ind.
Application October 8, 1937, Serial No. 167,931
3 Claims. (Cl. 25—121)



1. Building block fabricating equipment comprising: a skeleton pouring frame adapted to support a plurality of rows of pallets, each row comprising a plurality of pallets; a plurality of rows of pallets resting on said frame; cores resting on said pallets; each core having a handling bolt; each handling bolt having a transverse projection at its top and a laterally projecting heel at its bottom; each handling bolt having a lost motion connection with its core to permit said transverse projections to be lifted vertically above the core or divider; said pallets having slots to receive all said bolt heels; clamping and ejecting means on said frame below said pallets for engaging the heels of all said bolts and holding said cores down on said pallets; means for moving said clamping and ejecting means to release all said bolts and project them upward to the extent of their lost motion; a pulling frame adapted to be lowered over said pouring frame; hook means on said pulling frame for engaging the upper ends of said handling bolts to lift said cores; and removable dividers for subdividing the space above said pallets into subdivisions registering with the individual pallets and the cores thereon.

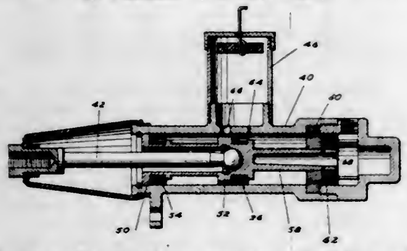
2,124,760
PROPELLER BLADE PITCH SETTING DEVICE
Walter W. Burrington, Seattle, Wash., assignor to Northwest Air Service Inc., Seattle, Wash., a corporation of Washington
Application February 11, 1936, Serial No. 63,310
5 Claims. (Cl. 153—78)



1. Propeller blade pitch setting devices for use on a propeller which is supported on a pitch table with a blade thereof in close proximity to the table comprising two frame members; pivotal means connecting said two frame members for relative angular movement; blade engaging means connected with each of said frame members and positioned external to said frame members and at one side of said frame members and adjacent the pivotal connection of said frame members and adapted to receive and hold a propeller blade which is positioned in close prox-

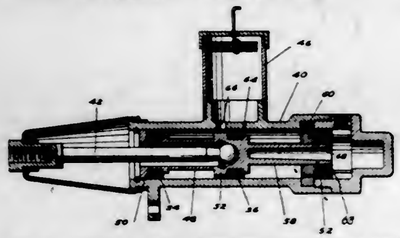
imity to the pitch table whereby the pitch of the blade may be measured with reference to the table; and frame member moving means operatively connected with said two frame members for relatively moving said frame members angularly in opposite directions.

2,124,761
BRAKE
Eugene G. Carroll and Cecil H. Taylor, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application May 18, 1932, Serial No. 612,137
10 Claims. (Cl. 188—152)



1. In a fluid braking system, a pedal, a wheel cylinder, means for converting foot power into brake applying pressure, separate means associated with said wheel cylinder for converting braking torque into fluid pressure, and means for preventing said fluid pressure from reacting with full force upon said pedal.

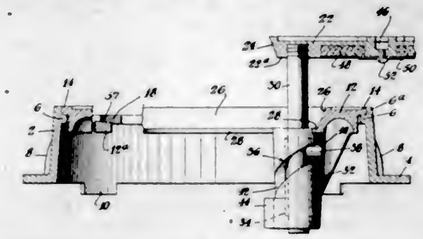
2,124,762
BRAKE
Eugene G. Carroll, Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application June 10, 1935, Serial No. 25,720
4 Claims. (Cl. 188—152)



1. In a vehicle, the combination of a vehicle frame, a brake, a brake actuator and means connected to the frame interposed between the brake actuator and brake acting to transmit to the brake an applying force at the brake actuator and thereafter acting to maintain the force applied to the brake by a predetermined lesser applying force at the brake actuator and acting to reduce the force applied to the brake when said lesser applying force is reduced.

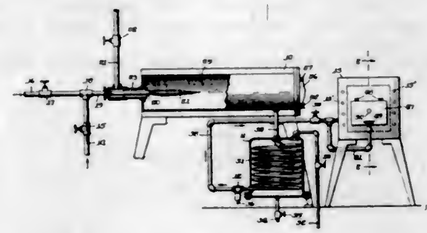
2,124,763
CLOSURE DEVICE
Eben W. Clark, Lynbrook, N. Y., assignor to American Water Works and Electric Company, Incorporated, New York, N. Y., a corporation of Delaware
Application April 9, 1937, Serial No. 135,839
10 Claims. (Cl. 137—13)

1. In a meter box cover, the combination of an adapter and a detachable cover assembly lockable to the said adapter, said cover assembly comprising a rim, a lid, and means connecting



said lid to said rim for both axial movement and lateral swinging movement relative to said rim.

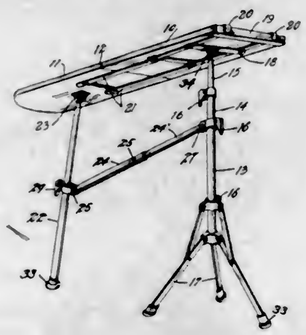
2,124,764
METHOD AND APPARATUS FOR PRODUCING NEUTRAL ATMOSPHERE IN HEAT TREATING FURNACES
John A. Comstock, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a corporation of Illinois
Application March 25, 1935, Serial No. 12,761
4 Claims. (Cl. 148—16)



1. In a heat treating unit, a combustion fuel gas supply conduit, an air supply conduit, a burner pipe connected to said supply conduits and terminating in a burner portion within a combustion furnace, an auxiliary fuel gas supply conduit surrounding said burner pipe and also terminating within said combustion furnace, means for independently controlling the flow of combustion fuel gas, air, and auxiliary fuel gas, a cooling coil, conduit means connecting the combustion furnace and the cooling coil, a water trap, a conduit connecting the water trap and the cooling coil, a heat-treating furnace, and a conduit connecting the water trap and the heat-treating furnace, valve control means in said last-named conduit, said last-named conduit being connected to the furnace interior at opposite ends thereof, and an exhaust opening formed in said furnace.

2. The method of supplying protective gases to heat treating furnaces which comprises mixing a hydrocarbon fuel gas and air in the proper proportions to support combustion and controlling the mixture of hydrocarbon gas and air to produce a flame of predetermined character, passing the mixture to a burner, igniting the mixture at the burner to form a gas-air flame, cracking an auxiliary hydrocarbon fuel gas by introducing it as a blanket about the gas-air flame and directly in contact therewith and in the presence of the products of combustion of the gas-air flame, and supplying the gaseous mixture so formed to the heat treating furnace to provide an enveloping atmosphere therein.

2,124,765
FOLDING IRONING BOARD
Ethel Artelia Cooper, Denver, Colo.
Application July 31, 1936, Serial No. 93,632
4 Claims. (Cl. 38—115)



1. A foldable ironing board comprising in combination: an elongated board, formed from two sections attached to each other by a transversely extending joint; a support for each section; stiffening arms pivotally connected with the support under one section and swingable into position along the under side of the board across the joint therein; and means for effecting a connection between the free ends of the arms and the other section, whereby the arms will serve as stiffening means for the board.

2,124,766
WELL TESTER
Ernest H. Cox, Houston, Tex.
Application March 20, 1937, Serial No. 131,995
8 Claims. (Cl. 166—1)



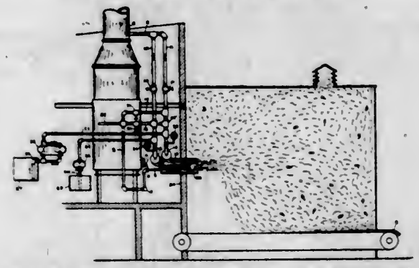
1. Means for testing the productivity of wells including a string of pipe, a chamber therein normally closed at its lower end but adapted to be opened to receive a sample of the well fluid in response to downward pressure on said string when said chamber is supported at the bottom of the well, valves adjacent the upper end of said chamber to prevent downward passage of fluid therein, and means in said string to discharge flushing fluid from said string when said testing means is being operated.

2,124,767
DISGUISE MEDIUM
John W. Dawn, Santa Monica, Calif.
Application July 17, 1936, Serial No. 91,245
Renewed June 14, 1938
8 Claims. (Cl. 35—1)



1. A molded member provided with an inner surface adapted to normally conform to a desired portion of anatomy and an outer surface differing in contour from said inner surface, said member being of variable thickness and composed of a resilient, flexible and moldable composition approximating the flesh in flexibility and firmness, said composition consisting essentially of a hydrated hydrophilic colloid and a plasticizing agent, and having a melting point of between 70° C. and 80° C.

2,124,768
METHOD OF APPLYING BINDING MATERIALS
Daniel C. Drill and Charles L. Whitenack, Wabash, Ind., and Jesse H. Gregory, Wheaton, Ill., assignors to American Rock Wool Corporation, Wabash County, Ind.
Application July 5, 1935, Serial No. 29,942
13 Claims. (Cl. 49—77.5)

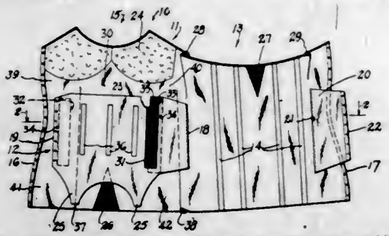


1. The herein described method of applying a binder made of a plurality of mutually chemically reactive substances to mineral wool fibers in the production of mineral wool batts, said method comprising forcibly moving a fluid stream of each of said substances of which the binder is made into the presence of a heated gas or vapor, intimately mixing each of said substances with said gas or vapor, and immediately thereafter discharging said substances upon a stream of mineral wool fibers.

2,124,769
CORSELET
Harry Jay Dubner, New York, N. Y.
Application September 14, 1937, Serial No. 163,777
10 Claims. (Cl. 2—27)

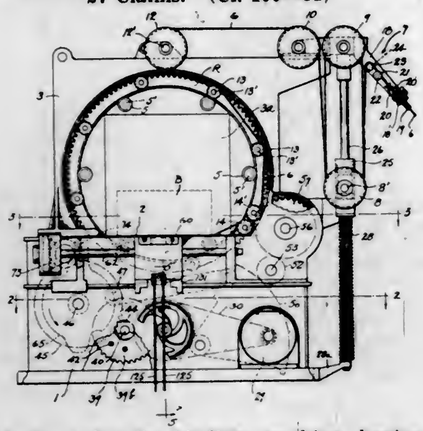
1. A garment including an outer or main garment portion and an inner belt portion, the garment portion comprising a front section and a rear section and being attachable around the wearer's body so as to extend between and to cover the bust and the hips, the belt portion being

adapted to cover only the abdomen and diaphragm and extending along and being connected near its opposite ends to the said front section, the belt portion having an elastic part and being attachable around the body under high tension, the said connections including gusset like elements each being connected at spaced points to the belt portion and front section, said elastic part being located between and cooperating with the elements so that stretching of the elastic part causes said elements to exert a stretching force on the adjacent central part



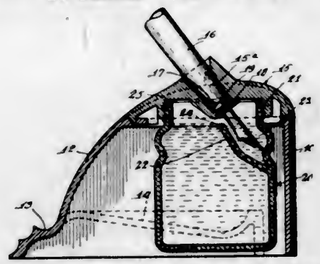
of the front section, said elements operatively extending to the top edge of the belt portion, and at least one of said elements being elastic, the adjacent central part of the said front section being relatively nonstretching and having an initial slack portion therein, whereby the said adjacent central part of the front section compresses the body under a tension less than that of the belt portion and forces excess flesh laterally to be retained by lateral parts of said front section, which lateral parts have less tension than the adjacent central part.

2,124,770
ROPE TYING MACHINE
Charles E. Evans, Seattle, Wash.; Minnie Amanda Evans, owner by decree of distribution
Application July 30, 1934, Serial No. 737,518
27 Claims. (Cl. 100—31)



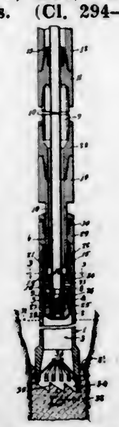
1. In a bundle binding machine having a bundle support, a pair of stationary grippers in spaced relation, and a rope carrier member revoluble about an object on said support, and reversible for successive operations, for laying a rope band, held at its primary end by one of said grippers, progressively and under tension about the object to apply the secondary end portion of the band to the other gripper overlapped with the primary end portion between the grippers; means operable following successive operations of the carrier for applying a holding clip to the overlapped portions of the band, means alternately operable, following successive functional operations of the clip applying means, for releasing the gripper which holds the primary end of the rope band and means alternately operable to cut the secondary end portion of the band between its gripper and the applied clip.

2,124,771
RESERVOIR DESK STAND
Ned D. Fish, Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application August 2, 1937, Serial No. 156,839
10 Claims. (Cl. 120—69)



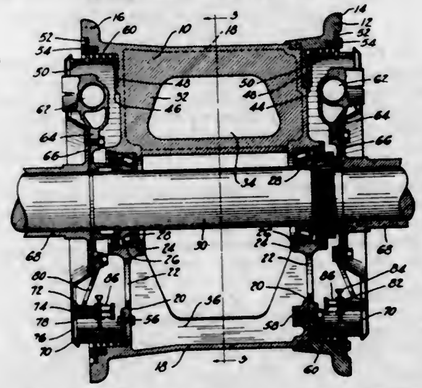
1. In a device of the character described, in combination, a casing having an opening, a removable cover for said opening, said cover having an apertured receptacle portion for receiving one end of a penholder, and a bottle for writing fluid having a well adjacent an open end thereof, said bottle being secured to said cover within said casing and the pen nib carried by said holder extending through the aperture of said receptacle portion into said well.

2,124,772
WATER CIRCULATING FISHING TOOL
William J. Flury, Long Beach, Calif.
Application June 1, 1936, Serial No. 82,714
4 Claims. (Cl. 294—86)



1. In a fishing tool for use at the bottom of a deep well, the combination of a shoe having a tubular shank with a receiving mouth for the "fish" at its lower end, to be positioned over the "fish", said tool having a relatively movable part with respect to said shoe, a valve seat and a valve within the said tubular shank, a member above the shoe having an air chamber therein, an inner tube for circulating water passing down through the said air chamber for conducting circulating water down to the valve, said valve having a closure with an opening through the same through which the circulating water can pass downwardly through the receiving chamber of the shoe to wash away material covering the "fish", a check valve below said opening, said shoe and relatively movable part cooperating when moved relatively to each other, to open the first-named valve to relieve the well pressure within the receiving chamber and thereby cause an inrush of material due to the well pressure passing into the receiving chamber and carrying the "fish" therewith, said check valve operating to prevent the relief of pressure up the inner tube, and means at the lower end of the shoe for retaining the "fish".

2,124,773
WHEEL
Frederick C. Frank, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application November 19, 1934, Serial No. 753,592
4 Claims. (Cl. 301—63)

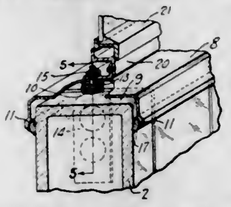


2. An integral cast airplane wheel having a cylindrical rim and spaced end disc members, each disc member being provided with a short hub flange independent of the other, and a plurality of uniformly spaced radial and axial extending rectangular webs extending from said disc members and said rim member, said webs forming the sole direct connection between the hub flange on one disc member and the hub flange on the other disc member.

2,124,774
RUBBER PRODUCT
Lucien Gaisman, Woodley, near Manchester, England
No Drawing. Application January 29, 1936, Serial No. 61,317. In Great Britain and in Ceylon April 29, 1932
12 Claims. (Cl. 106—23)

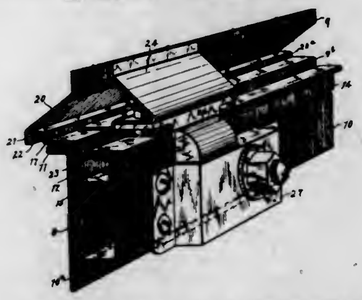
1. A non-tacky, sheeted raw rubber product adapted to replace reclaimed rubber in the manufacture of rubber articles comprising a mixture of raw rubber and an oleaginous plasticizing agent, the amount of said plasticizing agent being between 5 and 30% based on the rubber and sufficient to render the product tacky in the absence of a pigment, and sufficient pigment to render the product substantially non-tacky, and suitable for shipment in sheeted form.

2,124,775
WALL EDGE FRAMING STRUCTURE
Robert D. Haugaard, Toledo, Ohio
Application December 15, 1937, Serial No. 179,827
12 Claims. (Cl. 189—46)



1. The combination with a wall edge, of a framing structure therefor including a channel member receiving the wall edge in spaced relation, resilient spacing members disposed at intervals between the channel member bottom and wall edge, resilient spacing members disposed between the channel member sides and wall, and means for anchoring the channel member to the wall to limit the relative outward movements thereof.

2,124,776
VEHICLE BODY
Paul E. Hawkins, Lakewood, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a corporation of Ohio
Application June 7, 1937, Serial No. 146,882
16 Claims. (Cl. 296—44)

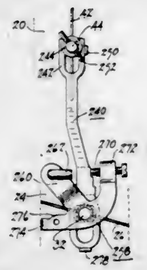


1. In a body for a vehicle having a side portion, the combination with a compartment incorporated in said side portion, the outer wall of the side portion being formed with an opening leading into said compartment and a door for said opening hinged on said outer wall, of a trough provided on the inner side of said door along its top and ends and terminating at the lower edge of the door adjacent its opposite ends.

2,124,777
CARBURETOR
Scott F. Hunt, Elmer Olson, and Emil O. Wirth, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 11, 1933, Serial No. 701,740
5 Claims. (Cl. 261—52)

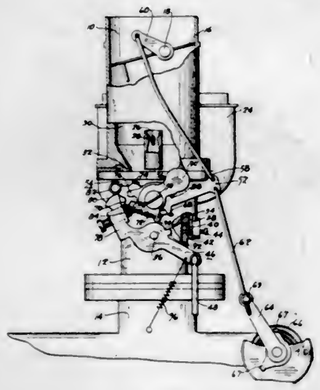
1. In a carburetor having a main carbureting passage with choke and throttle valves mounted therein on shafts journalled in the walls of said main carbureting passage, an arm fixed to the throttle shaft, and a fast idle mechanism interconnecting said choke and throttle valves and comprising a link having one end bifurcated and its other end slotted to permit vertical movement

of said link, means for lifting said link as said choke valve is closed, and a series of steps formed



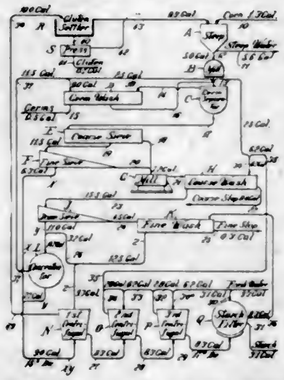
in the side of said link to engage said arm to hold said throttle partly open.

2,124,778
CARBURETOR
Scott F. Hunt, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application July 9, 1934, Serial No. 734,259
14 Claims. (Cl. 261—39)



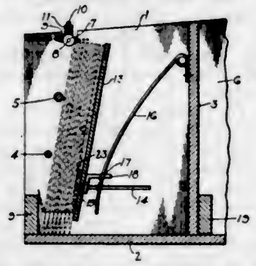
9. A carburetor comprising a body section, a throttle valve, means to actuate the throttle valve, an unbalanced choke valve, connecting means between the throttle valve and the choke valve comprising a plurality of members pivotally mounted on the body section, a thermostat operably connected to one of said members to yieldingly urge the choke valve closed when cold, yielding means connecting two of said members, means carried by the throttle actuating means to energize the yielding means as the throttle valve is moved toward closed position, said yielding means being operable to oppose the action of the thermostat, a plurality of stepped surfaces carried by one of said pivotally mounted members, stop means carried by the throttle actuating means whereby the throttle valve is prevented from completely closing when the choke valve is closed, and interengaging stop means carried by the throttle actuating means and one of the pivotally mounted members whereby the choke valve is partially opened as the throttle valve approaches the full open position.

2,124,779
MANUFACTURE OF STARCH
Alfred H. Kelling, Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Original application June 5, 1933, Serial No. 674,365. Divided and this application June 4, 1936, Serial No. 83,540
15 Claims. (Cl. 127—68)



15. In the process of manufacturing starch from corn in which the corn after being steeped and comminuted is subjected to germ, coarse slop and fine slop separations, the improvement which comprises: extracting water from the mill starch from the coarse slop separation and adding the concentrated material to the mill starch from the germ separation; subjecting this mixture to a centrifuging operation in which the mill starch from the fine slop separation is used as a wash water and is introduced into the starch zone of the centrifugal; returning substantially all of the water in the overflow from this centrifuging operation to the steeping operation; subjecting the underflow from said centrifuging operation to another centrifuging operation in which fresh water is used as a wash water; filtering the starch from the second centrifuging operation; using the filtrate from the filtering operation as a wash water in the fine slop separation; using overflow from the second centrifuging operation as a wash water for the coarse slop separation; and using water extracted from the coarse slop mill starch in the germ system.

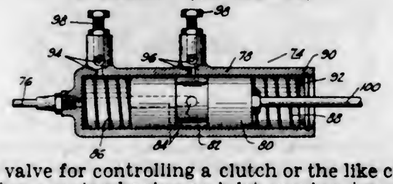
2,124,780
BAG OPENING DEVICE
Roland F. Keppler, Hope, and Scudder M. Mackey, Belvidere, N. J.
Application October 10, 1936, Serial No. 104,966
3 Claims. (Cl. 211—51)



1. In a bag holder comprising a base, back, side walls, and a low front wall, the combination of

a bag supporting member located within the holder and maintaining a series of bags between the supporting member and the front wall of the holder, a pair of rollers supported by the side walls of the holder located behind and above the front wall and in front of the series of bags, a second pair of short rollers mounted above the first mentioned rolls, and spring means normally maintaining the short rollers in a horizontal position but permitting said short rollers to be swung in a plane which is transverse to the plane of the side walls.

2,124,781
CLUTCH CONTROL MECHANISM
Victor W. Kliesrath, South Bend, Ind., assignor to Bragg-Kliesrath Corporation, South Bend, Ind., a corporation of New York
Original application August 28, 1931, Serial No. 559,990. Divided and this application February 3, 1937, Serial No. 123,748
1 Claim. (Cl. 251—76)



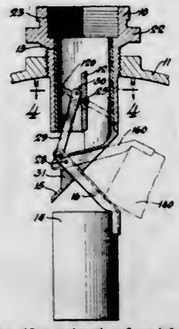
A valve for controlling a clutch or the like comprising a casing having an inlet opening, two outlet openings in its side, a floating spool-shaped valve piston provided with a port in its small-diametered waist portion connected with a duct extending through one of the full-bodied end portions thereof, and yieldable means for normally positioning said piston to interconnect all of said openings. two of said openings being connected by means of said port and duct.

2,124,782
INSECTICIDAL OIL SPRAY
Hugh Knight, Claremont, Calif., assignor, by mesne assignments, to Emulsoids, Inc., San Francisco, Calif., a corporation of Delaware
No Drawing. Application September 15, 1933, Serial No. 689,562
4 Claims. (Cl. 167—43)

1. An anti-parasitic oil composition for application in emulsified form to sensitive foliage which comprises a refined petroleum white oil containing in solution about 5% of a mixture of about three parts by weight of aluminum naphthenate and one part by weight of glyceryl oleate.

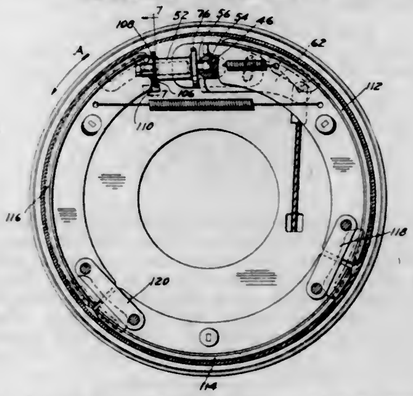
2,124,783
HIGH LEVEL SAFETY CHECK
Otto A. Kottemann, Detroit, Mich.
Application June 7, 1937, Serial No. 146,813
6 Claims. (Cl. 137—104)

1. A high level safety check for closing the inlet opening of a tank during the filling thereof when fluid placed therein rises to a predetermined level comprising a tubular inlet fitting adapted to be threaded into the inlet opening of said tank, a butterfly valve pivotally mounted in said fitting, a float pivotally depending from said fitting adapted to close said butterfly valve when fluid rising in said tank causes said float to pivot, a baffle between said butterfly valve and said float disposed with respect to said tubular inlet fitting so as to direct fluid entering said tank therethrough away from said float whereby to permit fluid rising in said tank to operate said valve free from the effect of fluid entering said tank under pressure through the inlet opening thereof, and a tongue upwardly disposed from said



baffle supporting the pivot of said float adapted to limit the pivoting of the said butterfly valve to its full open position.

2,124,784
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 28, 1932, Serial No. 608,101
15 Claims. (Cl. 188—79.5)

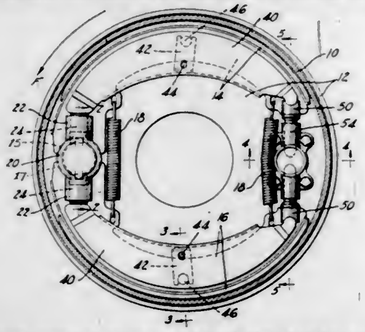


1. A brake comprising a drum, friction means therein having separable ends, an anchor between said ends, one of said ends adapted to engage the anchor and the other of said ends being spaced from the anchor, an adjusting screw and threaded sleeve having a smooth flange adjacent the anchor located between said anchor and said other end, and an actuating cam floating on said anchor and adapted to spread said sleeve and said flange adjacent said anchor.

2,124,785
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application July 12, 1935, Serial No. 30,959
28 Claims. (Cl. 188—78)

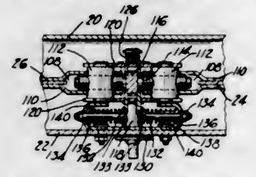
1. A brake comprising a pair of floating brake shoes, anchorage means engageable with the opposite ends of the shoes individually in forward and in reverse braking, means for forcing said shoes against the drum to apply the brake

and including pivotally mounted members extending alongside of and acting on said shoes, and means for simultaneously adjusting the an-



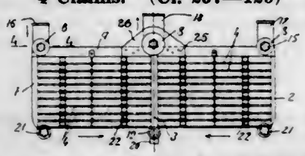
chorage means at one side of the brake and the shoe-forcing means to compensate for wear of said shoes.

2,124,786
BRAKE
Ludger E. La Brie, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Original application September 12, 1935, Serial No. 40,291. Patent No. 2,102,852, dated December 21, 1937. Divided and this application May 5, 1937, Serial No. 140,898
2 Claims. (Cl. 188—79.5)



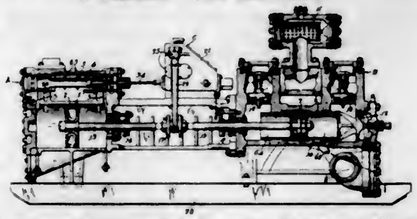
1. A brake comprising friction members having an adjustable connection therebetween, spaced washers having laterally-projecting parts forming part of said connection, a device fixedly mounted opposite the connection and provided with oppositely-facing sockets between which said parts are arranged, and spring-pressed plungers in said sockets and acting on said parts to center the brake.

2,124,787
RADIATOR OF AEROPLANE ENGINES
Louis Maurice Lachasse, Paris, France, assignor to Societe Anonyme des Appareils G. A. L., Neuilly-sur-Seine, France, a corporation of France
Application December 9, 1936, Serial No. 114,915
In France December 24, 1935
4 Claims. (Cl. 257—125)



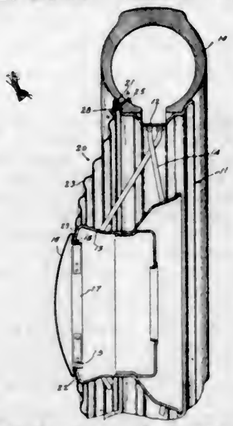
2. In a cooling radiator for aeroplane engines, multiple elements assembled consecutively to each other in the direction of their own depth, each element comprising a radiating network having hollow blades disposed parallel to the direction of movement, two headers for the inlet of the hot water and the outlet of the cooled water, tubular cylindrical end pieces for said headers disposed parallel to the direction of movement, cross pieces between the headers of the individual elements, nipples arranged in the tubular end pieces of said headers to establish a communication between the headers of one element and those of the adjacent element, and removable connecting means, arranged on each element and fixing the individual assembled elements to each other.

2,124,788
DUPLEX PUMPING ENGINE
Arthur L. Leman, Houston, Tex., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 9, 1937, Serial No. 124,829
5 Claims. (Cl. 121—114)



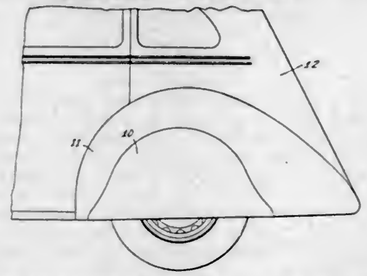
1. In a steam operated pump, a steam cylinder, a piston mounted therein, a steam manifold positioned adjacent each end of said cylinder, an exhaust chamber positioned between said steam manifolds, inlet passages between said manifolds and cylinder, exhaust passages between said cylinder and said chamber, a valve of substantially the same length as said cylinder and adapted to control the flow of steam to and from said cylinder through said passages, said valve having enlarged end portions slidably supported within a bore formed above said cylinder, means including a lost-motion connection to actuate said valve, and baffle means secured to said valve between said enlarged end portions to counteract the reactive force acting against the face of an end portion exposed to the exhaust chamber when steam is exhausted through said exhaust passages into said chamber.

2,124,789
WHEEL ORNAMENTAL DISK
George Albert Lyon, Detroit, Mich.
Application September 14, 1933, Serial No. 689,378
10 Claims. (Cl. 301—37)



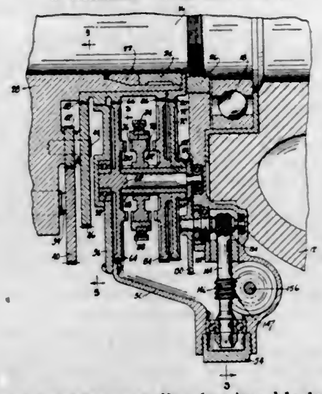
1. As an article of manufacture, an ornamental wheel disk for disposition between the tire rim and the hub of a wheel comprising a plate having a central opening to accommodate a hub cap with the edge of the opening formed to be clamped against a wheel hub by the hub cap and having an outer circular edge for yieldable cooperation with a surface of the tire rim, said plate having a plurality of circular corrugations to provide it with greater rigidity, and resilient means carried by the outer edge portion of said plate for contacting said surface of the tire rim, and comprising a plurality of circumferentially spaced roller-like elements.

2,124,790
ORNAMENTAL FENDER SKIRT
George Albert Lyon, Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich., a corporation of Delaware
Application October 7, 1936, Serial No. 104,375
8 Claims. (Cl. 280—153)



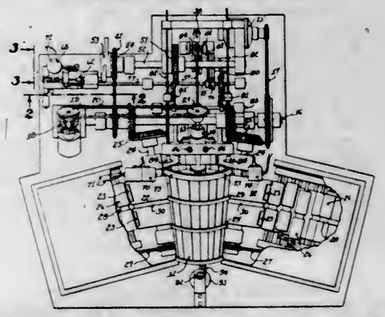
5. As an article of manufacture, an ornamental fender skirt having spiral members the spiral portions of which are adapted to curl about and envelop the underturned marginal edge of a vehicle fender to support said skirt thereon and adapted to act as hinge members in assembling said skirt on a fender.

2,124,791
PROPELLER
Ellis D. McNeal, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application June 29, 1935, Serial No. 29,043
3 Claims. (Cl. 170—163)



1. In a rotary propeller having blades mounted for adjustment to vary the pitch thereof and having means including a rotatable member for moving the blades to vary their pitch in one direction or the other according as the rotatable member is driven at a speed in excess of or less than propeller speed, a single rotary idler member, means for constantly driving said idler member during rotation of the propeller at a speed bearing a fixed relation to propeller speed, a pair of rotary idler members connected to said rotatable member and normally driven thereby, one at a speed proportionately in excess of propeller speed and the other at a speed proportionately less than propeller speed, and means for operatively connecting the single idler member to one or the other of said pair of idler members, to accordingly drive the rotatable member at a speed in excess of or less than propeller speed, further characterized in that said single idler member is slidably splined upon a sleeve having a gear wheel secured thereto and is driven by a gear secured to the propeller shaft and meshed with said last named gear wheel and in that said pair of idler members comprises a pair of gear wheels, each one having a slightly different diameter from the other and both meshed with said rotatable member and one being formed integral with a stub shaft which extends through said sleeve, and in that there is combined with said structure a differential gear, including a pair of bevel gears, a gear train from said stub shaft to one of said bevel gears and another gear train from said sleeve to the other bevel gear and means whereby said differential gear limits the variation in pitch.

2,124,792
BASKET PRINTING MACHINE
Emil Carl Nissen, San Francisco, Calif.
Application June 8, 1936, Serial No. 84,061
3 Claims. (Cl. 101—38)

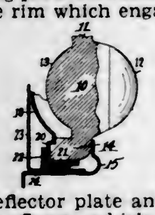


1. A container printing machine comprising a rotatable member for holding the container, a rotatable printing member, means for moving one of said members toward and away from the other to bring the container into and out of rolling contact with the printing member, means movable into and out of contact with the container to secure it in position upon the holding member, and mechanism for moving said securing means the said mechanism being controlled by approaching and separating movement of said members.

2,124,793
REFLECTOR
Charles A. Persons, Worcester, Mass., assignor to Persons-Majestic Mfg. Company, Worcester, Mass., a corporation of Massachusetts
Application February 13, 1936, Serial No. 63,753
6 Claims. (Cl. 88—82)

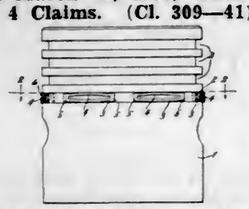
5. As an article of manufacture, a light reflecting device comprising a lens plate of transpar-

ent material having a series of light concentrating protuberances on its rear face and a rim about its periphery, a reflector plate having concave bright surfaces which are aligned with the light concentrating protuberances and are spaced from them by the rim which engages a marginal



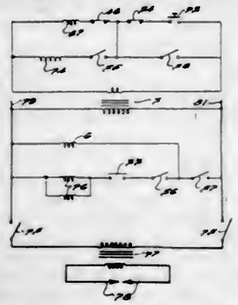
portion of said reflector plate and having a forwardly extending flange which fits about the periphery of said lens plate and is of less depth than said rim, and a band of sealing material secured to the peripheries of said lens and reflector plates to hermetically seal them together.

2,124,794
PISTON RING EXPANDER
John T. Roberts, St. Louis, Mo.
Application March 11, 1937, Serial No. 130,226
4 Claims. (Cl. 309—41)



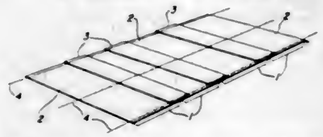
1. In a piston having a circumferential groove with a bottom wall and side walls and a packing ring mounted in the groove, the improvement comprising an expander which is an elongated strip of resilient metal having its center portion engaging the bottom wall of the groove and the ends extending longitudinally to engage the inner surface of the ring, having its ends smaller in width than the groove and its center normally wider than the groove and having a longitudinal slot intermediate the ends and at the center portion whereby the expander is resilient sidewise permitting it to be inserted in the groove and when inserted to engage the side walls of the groove.

2,124,795
WELDER CONTROL SYSTEM
Frank H. Roby, Milwaukee, Wis., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application January 25, 1937, Serial No. 122,173
10 Claims. (Cl. 219—4)



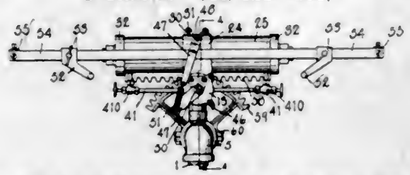
6. In a welder control system, welding electrodes, fluid pressure responsive means for pressing said electrodes against the work, means initiating the supply of fluid pressure to said pressure responsive means, time delay means having its operating period determined independent of variations in the fluid pressure supply, and means energizing said electrodes to pass current through the work, said time delay means effecting operation of said energizing means a predetermined interval after the initiation of the supply of fluid pressure.

2,124,796
MACHINE FOR MAKING BOX BLANKS
Alfred L. Rosenmund, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware
Application February 23, 1937, Serial No. 127,051
5 Claims. (Cl. 1—8.3)



1. In a box-stapling machine, means to position and feed box parts including cleats and superimposed layers of side material and reinforcing strips, comprising a conveyor, positioning devices secured thereto, the positioning devices for the reinforcing strips being pivotally mounted on the conveyor to swing laterally out of or into the vertical plane of the conveyor, and means automatically to swing said latter positioning devices.

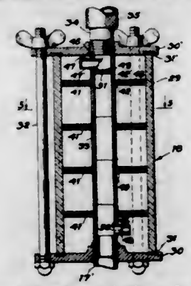
2,124,797
MOTOR FOR OPERATING A FLUID SPRINKLING SYSTEM
John Rust and Albert Dyksterhuis, Kalamazoo, Mich.
Application August 21, 1935, Serial No. 37,181
3 Claims. (Cl. 121—164)



1. In an oscillating device for spraying systems, the combination of a valve casing having an inlet chamber with a flat valve seat at its inner end provided with spaced cylinder ports and with an intermediate exhaust port, said valve casing having a removable end wall opposite its said valve seat and a cylinder clamp at the top thereof, a valve stem rotatably mounted in said removable end wall and provided with an arm at its outer end, a disk valve on said stem coacting with said valve seat and having a journal bearing in the valve seat wall, said valve being adapted to alternately open said cylinder ports to said valve chamber and having a passage in its face adapted to alternately connect said cylinder ports with said exhaust port, a cylinder closed at both ends mounted in said clamp on said valve casing, said cylinder ports being connected to said cylinder adjacent the ends thereof, a double acting piston provided with a connecting rod projecting through both heads of the cylinder, said piston rod having crossheads at the ends thereof, a tappet bar mounted on said crossheads at one side of said cylinder, a valve lever pivotally mounted on said

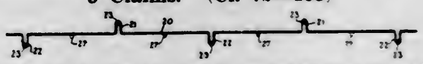
removable end wall of said valve casing and provided with a slotted arm receiving said arm on said valve stem, stops on said valve casing limiting the stroke of said valve lever, an actuating lever pivotally mounted on said cylinder clamp in alignment with the pivot of said valve lever and connected to said valve lever by means of a spring whereby the valve is actuated with a snap action, tappets adjustably mounted on said tappet bar to coact with said actuating lever as the tappet bar is reciprocated, a rack bar provided with a rack mounted on said crossheads oppositely of said tappet bar, and a toothed oscillatingly mounted actuated element coacting with said rack.

2,124,798
FLUSHING DEVICE
Francis J. Schuler, Los Angeles, Calif., assignor to Lewis Manufacturing Company, Los Angeles, Calif., a corporation of California
Application May 19, 1933, Serial No. 671,877
15 Claims. (Cl. 184—1.5)



1. A flushing device of the class described embodying the combination of: a container for a flushing liquid; a filter unit; conduit means for connecting said filter with a crank case or the like; means for delivering liquid from said container through said filter unit, out of contact with the filtering medium therein, into said crank case conduit; and means for returning said liquid from said crank case conduit through said filter unit and the filtering medium therein into said container, said filter unit having a transparent case to render visible the liquid passing therethrough from said crank case to said container.

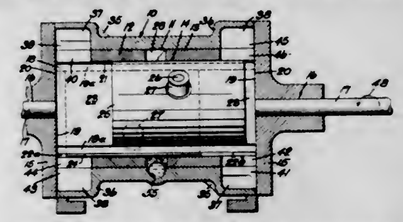
2,124,799
REINFORCEMENT FOR GLASS BLOCK STRUCTURES
Christian H. Specht, Los Angeles, Calif.
Application November 1, 1937, Serial No. 172,155
8 Claims. (Cl. 72—103)



1. A reinforcing member comprising a plurality of longitudinal lengths of resilient wire arranged in parallel relation, said wires being of uniform diameter and a plurality of transverse wires larger than said longitudinal wires and extending across the longitudinal wires, said wires being welded together at their points of intersection.

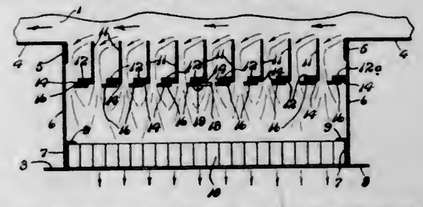
2,124,800
HYDRAULIC DEVICE
Rudolf Sykora, Boston, Mass., assignor of one-half to C. Wesley Hale, Springfield, Mass.
Application January 4, 1938, Serial No. 183,299
8 Claims. (Cl. 103—157)

1. In a device of the type described, the combination of means providing a cylinder having a cam groove in its annular wall, and a reservoir in communication with said cam groove and containing lubricant which extends into said cam groove; and a piston in said cylinder having a



follower cooperating with said cam groove for reciprocating said piston on rotation of the same, said follower dipping into the lubricant on rotation of the piston, thereby lubricating the cam groove and the cylinder wall.

2,124,801
AIR OUTLET AND CURRENT EQUALIZER
Jerold H. Van Alsburg, Chicago, Ill., assignor to Hart & Cooley Mfg. Co., Dover, Del., a corporation of Delaware
Application December 14, 1936, Serial No. 115,715
5 Claims. (Cl. 98—101)

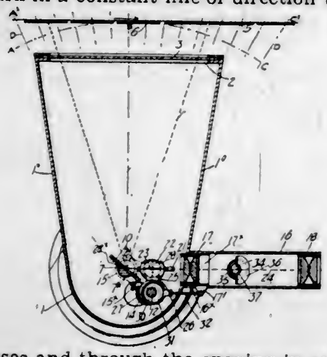


1. In apparatus of the class described, an elongated air conduit having an outlet in a side thereof, an outlet casing for said outlet, a plurality of vanes located in spaced apart relation transversely to the length of the conduit in said casing at the end thereof adjacent the conduit, an air passing grille in the outer end of said casing, an expansion chamber between the grille and vanes, and adjustable means, in said casing between the expansion chamber and said vanes for restricting the passage of air from said conduit between said vanes to the expansion chamber, as and for the purposes described.

2,124,802
DEVICE FOR OBSERVING COLOR REGISTER INDICATIONS OF COLOR PRINTS DISCHARGED FROM A MULTICOLOR PRESS
Richard Edgar Wallace, Toronto, Ontario, Canada
Application January 13, 1936, Serial No. 58,832
2 Claims. (Cl. 88—14)

1. A device for observing color register marks upon a printed sheet moving in a linear direction, comprising a rotatably mounted reflector adapted to reflect the image of the register marks in a constant line of direction during a given length of movement of said marks, lenses interposed in the line of the reflected image, a reflector interposed in the line of the reflected image having an opening therethrough, means directing a beam of light onto said perforated reflector to be reflected onto the moveable reflector and from thence to the printed sheet to illuminate the register mark throughout its path of movement, means for operating said rotatable reflector to follow the movement of the register

mark on the printed sheet and direct an image of said mark in a constant line of direction through



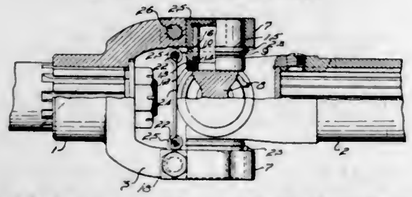
said lenses and through the opening in said perforated reflector.

2,124,803

UNIVERSAL JOINT

Hans Wollner, Detroit, Mich., assignor to Universal Products Company, Inc., a corporation of Delaware

Application May 15, 1935, Serial No. 21,515
Renewed April 15, 1936
16 Claims. (Cl. 64—17)



1. Mechanism for journaling a trunnion of a universal joint comprising a torque transmitting member formed to partially surround said shaft, and having a camlike shoulder formed on one side and a bolt opening normal to the axis of said shaft; a clamp for clamping said torque transmitting member in position with respect to said shaft, and having leg sections which overlap said torque transmitting member, each of said leg sections having a bolt opening and one of said leg sections having a camlike shoulder for cooperating with said first mentioned shoulder, and a bolt passed through said torque transmitting member and leg section openings to join said clamp and torque transmitting member and cause said clamp to ride down upon said first mentioned shoulder and tighten said journal.

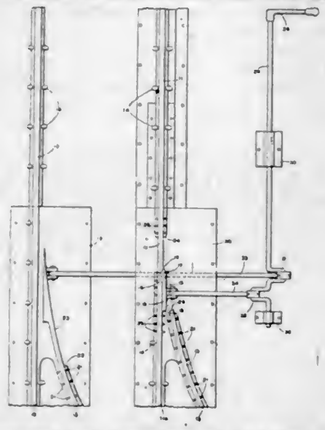
2,124,804

RAILWAY SWITCH

John Knight, Chester, Pa.

Application February 11, 1938, Serial No. 190,110
1 Claim. (Cl. 246—434)

In a railway switch adapted to operate in conjunction with the two rails of a straight ahead track, a pair of curved rails forming part of the switch, one of said straight rails being divided into two sections, one of said sections having a tongue extension thereon overlapping the other of said two sections, said tongue extension being pliable, one of said curved rails extending toward said one straight rail, the other of said curved rails extending toward the other of said straight rails and having its end free and pliable, switch control means connected to said other curved rail and to said tongue extension for simultaneously bending said free end of said other curved rail and said tongue extension in mutually opposite lateral directions from a position in which said free end of said other curved rail lies against said other straight rail and said tongue extension lies clear of said other section of said one straight rail into a position in which said free end of said



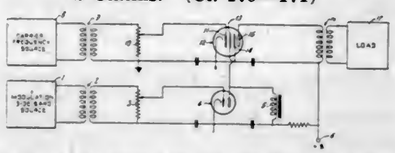
other curved rail lies clear of said other straight rail and said tongue extension lies against the end of the other section of said one straight rail, and vice versa, said tongue extension being concavely rounded to form a socket at its base, said end of said other section of said one rail being complementarily rounded to register in said socket when said tongue extension lies in position against said other section of said one rail.

2,124,805

MIXING AMPLIFIER

Edmund A. Laport, Glen Ridge, N. J., assignor to Wired Radio, Inc., New York, N. Y., a corporation of Delaware

Application June 19, 1936, Serial No. 86,129
2 Claims. (Cl. 179—171)



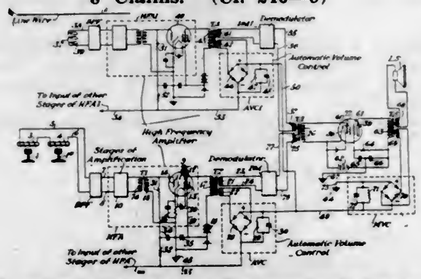
1. A mixing amplifier comprising, a source of modulation side band energy with carrier frequency substantially eliminated, a source of carrier frequency energy corresponding in frequency to said eliminated carrier, a load circuit, a common combining circuit interconnecting said sources and said load circuit and including a multi-grid electron tube, the parameters of which are so chosen and adjusted with respect to the control grids thereof that said tube functions as a linear amplifier only, said circuit being interposed between one of said sources and said load and including a connection from one of the grids thereof with said one source, and means connecting the other of said sources with another of the grids of said tube for supplying energy thereto under control of the source connected with said second mentioned grid whereby the foregoing arrangement as a whole operates for producing currents in said load circuit corresponding respectively to said carrier frequency and said modulation side band to provide said modulation side band energy with a replaced carrier frequency.

2,124,806

RECEIVING APPARATUS FOR COMMUNICATION SYSTEMS

Willard P. Place, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application May 17, 1934, Serial No. 726,130
8 Claims. (Cl. 246—8)



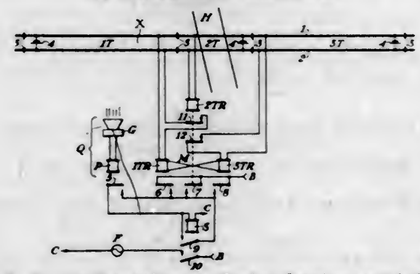
3. Receiving apparatus for communication systems in which a modulated carrier current is supplied to a communication channel comprising, a receiver coupled with said channel for picking up such current, a high frequency amplifier including an electron tube, means for connecting the grid circuit of said tube with said receiver, a demodulator, means for connecting the input of the demodulator with the plate circuit of said tube, a low frequency amplifier including an electron tube, means for connecting the grid circuit of said last mentioned tube with the output of the demodulator, a signaling device connected with the plate circuit of said last mentioned tube responsive to the modulating frequency of the carrier, a first volume control device coupled with the plate circuit of the high frequency amplifier tube and having connection with the grid of said tube for adjusting the grid bias voltage of the tube according to the magnitude of the current supplied to the demodulator, and a second volume control device coupled with the plate circuit of the low frequency amplifier tube and having connection with the grid of the high frequency amplifier tube serially with said first volume control device for adjusting the grid bias voltage of that tube according to the magnitude of the current supplied to said signaling device.

2,124,807

LIGHT SENSITIVE APPARATUS

Wesley B. Wells, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application August 30, 1935, Serial No. 38,588
13 Claims. (Cl. 246—130)



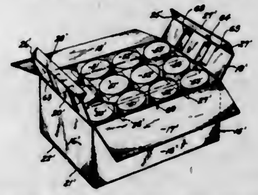
5. In combination, a device having an initial condition but operable to a different condition, a lamp, light sensitive apparatus responsive to the amount of daylight adjacent said device, means controlled by said light sensitive apparatus and by said device for lighting said lamp when said device is operated to its different condition provided the amount of daylight is then below a predetermined value, and means effective thereafter to light said lamp as long as said device remains in its different condition regardless of subsequent changes in the amount of daylight.

2,124,808

SHIPPING CONTAINER FOR CANNED GOODS OR THE LIKE

Clarence A. White, Delair, N. J., and Earl L. Regin, San Francisco, Calif., assignors, by mesne assignments, to Kieckhefer Container Company, Delair, N. J., a corporation of Delaware

Application September 14, 1936, Serial No. 100,654
16 Claims. (Cl. 229—27)



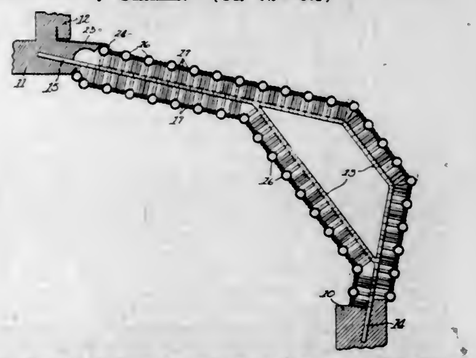
1. A shipping container for canned goods or the like comprising a body portion, end closure flaps in connection with said body portion having transverse portions which terminate short of one another when said flaps are folded over the contents of the container, said transverse portions being provided with inwardly projected flanges positioned for insertion between certain cans within the container, a member covering the contents of the container not covered by said end flaps, and side closure flaps foldable over said end closure flaps and over said last-mentioned member.

2,124,809

STRUCTURAL GLASS

Frank Lloyd Wright, Spring Green, Wis., assignor of forty-nine per cent to S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin

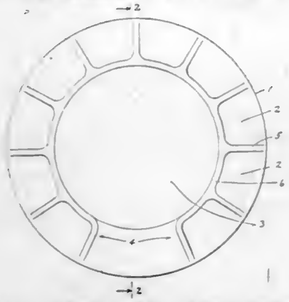
Application August 14, 1937, Serial No. 159,117
7 Claims. (Cl. 72—0.5)



1. In a building structure, a frame, a plurality of tubular elements, a plurality of ball elements interposed separately within the junctures of said tubular elements, plastic material uniting the

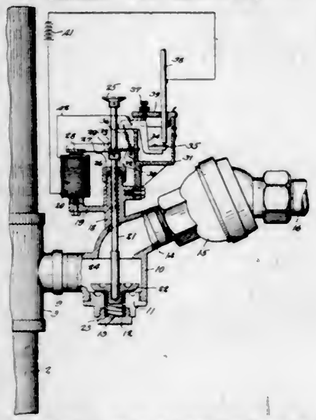
elements, and means connecting said ball elements to said frame for securing thereto said tubular and ball elements.

2,124,810
ARTIST'S COLOR MIXING DISH
Richard M. Allman, San Francisco, Calif.
Application January 16, 1937, Serial No. 120,944
3 Claims. (Cl. 41—5)



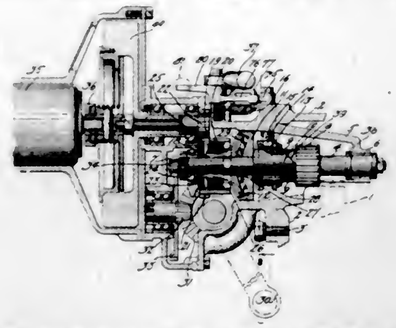
1. A color mixing dish of the character described provided with partitions forming a plurality of separate marginal color holding depressions and a larger mixing depression separated by a wall from the marginal depressions, each of said depressions provided with a wash-out passageway slanting upwardly to the outer edge of the dish.

2,124,811
FLUID CONTROLLING MECHANISM FOR WEIGHING SCALES
Albert E. Bennett, Jacksonville, Fla.
Application October 1, 1936, Serial No. 103,582
1 Claim. (Cl. 137—139)



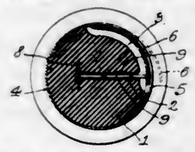
The combination with a casing having an inlet and an outlet, a spring-pressed valve for closing the outlet, and a stem projecting from the valve and slidably engaging the casing, of a collar on the stem, a spring-restrained latch positioned to overly the collar and hold the valve in open position, an armature carried by the latch, a contact lever having one arm projecting into the path of the collar, a contact element normally spaced from the other arm of the lever, an electromagnet adjacent to the armature, said contact element, contact lever and electromagnet being included in an electric circuit, said contact element when moved in one direction, constituting means for closing the circuit through the electromagnet and the contact lever thereby to energize the magnet and attract the armature to disengage the latch from the collar, and said collar constituting means, when released, for engaging the contact lever to break the connection between said lever and the contact element, and a head on the valve stem for receiving thrust from an operator thereby to shift the collar from the contact lever and into engagement with the latch and to open the valve against the action of the valve spring.

2,124,812
ENGINE STARTER
Roland Chilton, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York
Application November 1, 1927, Serial No. 230,341
31 Claims. (Cl. 123—179)



1. In apparatus of the class described, a drive mechanism which includes a duplex clutch comprising in combination, a preset pressure means, members frictionally engaged by said pressure means for slippage at a predetermined load, a member frictionally contactable with one of said frictionally engaged members when rotating at full speed, control means for initiating said contact, and means responsive to the driving torque to thereupon impose pressure at said contact but not upon said control.

2,124,813
FUSE PLUG
John Corser, Minneapolis, Minn.
Application March 5, 1936, Serial No. 67,392
Renewed July 30, 1937
20 Claims. (Cl. 200—130)

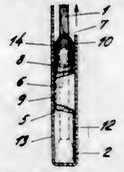


1. A plug, a fuse, and means released by the fuse when burned for preventing insertion of the plug into a receptacle.

2,124,814
PROCESS FOR PURIFICATION OF USED LUBRICATING OILS
Adolfo Silenzi de Stagni, Buenos Aires, Argentina
No Drawing. Application May 8, 1936, Serial No. 78,731
1 Claim. (Cl. 196—16)

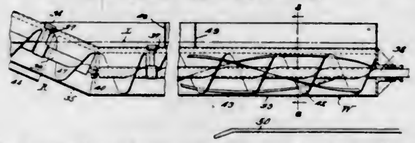
A process for purification of used lubricating materials comprising mixing such material with an aqueous solution of sodium silicate of a composition lying between $Na_2O:2SiO_2$ and $Na_2O:3SiO_2$ and having a density of from 38 to 42° Bé., and permitting the mixture to stand until the purified oil rises above the water and the impurities separate from the oil and are taken up by the water.

2,124,815
PULL MATCH PACKET
Paul Wilhelm Dietmann, Jonkoping, Sweden, assignor to Aktiebolaget Siefvert & Fornander, Kalmar, Sweden
Application December 5, 1934, Serial No. 756,159
In Sweden June 8, 1934
6 Claims. (Cl. 206—29)



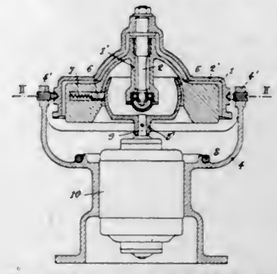
1. A pull match packet comprising a strip of sheet material having three rows of perforations and being folded with the perforations of the three rows in axial alignment, and with intermediate flat portions, matches held in spaced relation in said perforations to be withdrawn axially from their stem ends, said strip of folded material forming an ignition chamber between the last two rows of perforations to be passed by the match heads upon withdrawal, said strip also forming three walls of a second chamber separating said ignition chamber from the location of the match heads in the packet, and match striking material within said ignition chamber to ignite the matches during their withdrawal.

2,124,816
MEANS FOR DELINTING COTTONSEED
James M. Ethridge, Mesilla Park, N. Mex.
Application July 19, 1935, Serial No. 32,296
1 Claim. (Cl. 209—173)



In apparatus for use in the treatment of seed, a washer for receiving a mixture of seed and acid, said washer including a trough open at the top, a washing fluid trapped in the trough, baffles extending transversely of the open top of the trough and downwardly to a level below but close to the level of the liquid in the trough, thereby to divide into non-communicating air spaces the area in the trough above the liquid, the liquid in the trough constituting means for separating material by flotation from the seed and positioning it between the baffles and also means for diluting the acid, means rotatable about an axis extending longitudinally of the washer and below the baffles for lifting and dropping the seed within the washing fluid and for advancing and retracting the seed relative to one end of the washer, the advance movement of the seed being greater than the movement of the seed in the opposite direction, whereby the seed is fed toward one end of the washer but retarded during such movement, said means comprising a worm having continuous convolutions and spiral strips connecting the marginal portion of the convolutions substantially at right angles thereto, and means at that end of the washer toward which the seed is advanced, for removing the seed from the washing fluid.

2,124,817
GYROSCOPE
Jean Fieux, Paris, France, assignor of one-half to Schneider & Cie, Paris, France, a joint stock company of France
Application August 26, 1936, Serial No. 98,049
In France January 4, 1936
13 Claims. (Cl. 74—5)



11. In a gyroscope, a rotatable driving element, a gyroscopic mass, means independent of said driving element for supporting said gyroscopic mass for rotation about an axis normally in alignment with the axis of rotation of said driving element, said supporting means being mounted for movement relative to said driving element about at least one axis so as to permit the axis of rotation of said gyroscopic mass to assume an angular position with respect to the axis of rotation of said driving element, and means constituting a frictional driving connection between said driving element and said gyroscopic mass regardless of the angularity between the axis of rotation of said element and mass, the effectiveness of said frictional driving connection varying inversely as a function of the speed of rotation of said gyroscopic mass.

2,124,818
MILLING CUTTER WITH HELICAL TEETH
Fernand Gouverneur, Paris, France
Application February 5, 1937, Serial No. 124,312
In France February 5, 1936
2 Claims. (Cl. 29—103)

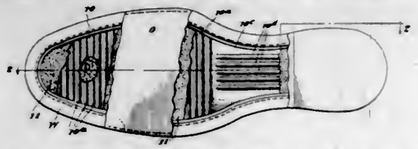


1. A milling cutter of the kind including a cylindrical body provided with spiral lateral teeth terminating in end cutting edges, the spiral teeth being cut according to curves whose angle of inclination to the longitudinal axis of the cutter is smaller at the end than in the remaining part of the body thereof.

2,124,819
SHOE BOTTOM FILLER
Henry G. Halloran, Mattapan, Boston, Mass.
Application August 23, 1937, Serial No. 160,536
3 Claims. (Cl. 36—30)

1. A shoe bottom filler comprising a sheet shaped to fit the cavity between the inner sole and the outer sole of the shoe, formed with trans-

verse flutings in its forward portion adapted to provide transverse stiffness while preserving



lengthwise flexibility, and having a rearward extension corrugated lengthwise and providing a shank reinforce.

2,124,820

FOODSTUFFS, SUITABLE FOR CHICKENS AND THE LIKE

Esther Hellinger, Rehovoth, Palestine

No Drawing. Application July 23, 1937, Serial No. 155,320. In Great Britain July 23, 1936

9 Claims. (Cl. 99—4)

1. A process for the production of foodstuffs, which comprises preparing a mixture of milk-whey with vegetal material rich in relatively low molecular weight protein and in fermentable carbohydrate, inoculating the mixture with lactic-acid producing organisms and allowing the mixture to ferment.

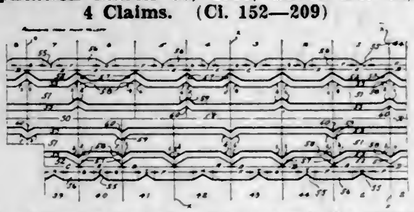
2,124,821

PNEUMATIC TIRE TREAD

Gustave Hubach, Springfield, Mass., assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass., a corporation of Delaware

Application March 30, 1936, Serial No. 71,699

4 Claims. (Cl. 152—209)



1. A tire having a tread composed of a plurality of circumferentially arranged non-skid elements, said elements being arranged in dissimilar units, each unit having a predetermined characteristic element preceded and followed by partial transition elements which partial transition elements are completed by the partial transition elements of the preceding and following units, the dissimilarity between adjacent units depending on dissimilar combinations of said characteristic and partial transition elements, the units progressing circumferentially around the tire without periodic recurrence of a given unit or given sequence of units.

2,124,822

ARTIFICIAL FISH LURE

John Harvey Johnson, Corpus Christi, Tex., assignor to John Nelson, doing business as Louis Johnson Company, Chicago, Ill.

Application December 14, 1936, Serial No. 115,876

1 Claim. (Cl. 43—39)



A fish lure, comprising a spoon, a thickened portion on the forward end of said spoon, and a wire loop rigidly attached to said thickened portion and extending outwardly beyond the front end of said spoon to provide the sole means for the attachment of a fishing line to said spoon, a portion of said loop extending through said thickened portion and rearwardly over said spoon to provide a weed guard, the portion of said wire extending rearwardly over the spoon being in contact with said spoon only at the place where it extends through said thickened portion.

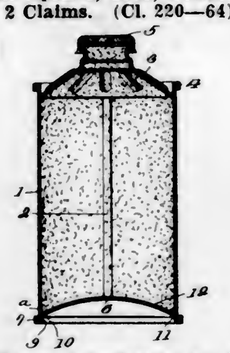
2,124,823

METAL CONTAINER FOR BEVERAGES

Alfred L. Kronquest, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application April 8, 1936, Serial No. 73,354

2 Claims. (Cl. 220—64)



2. A sheet metal container for beverages including a cylindrical body portion, a bottom end secured to said body portion by double seaming, said bottom end having a portion thereof extending inwardly and contacting with the body wall in the region of the double seam, said bottom end between said inwardly extending portions being uniformly concave from the inner face of the body wall at one side of the can body to the inner face of the body wall at the other side thereof, said body wall and bottom end having on the inner face thereof a continuous coating of a petroleum wax firmly adhering to and completely covering the inner surface of the body, and the inner surface of the bottom end.

2,124,824

CURLING CLIP

Paul Langlet, Issy-les-Moulineaux, France, assignor to Harvey Carl Wheeler, Boston, Mass.

Application August 11, 1936, Serial No. 95,473

In France March 28, 1936

4 Claims. (Cl. 132—33)



1. For use with a permanent hair waving apparatus, a curling clip which comprises, in combination, a hollow tubular body open at one end, said body being provided with a longitudinal slot

extending over substantially the whole length thereof, a hair clamping tongue adapted to fit in said slot so as to be flush with the peripheral surface of said body, and part-cylindrical locking means for said tongue adapted to surround said body so as to conform to the shape of the outer surface thereof.

2,124,825

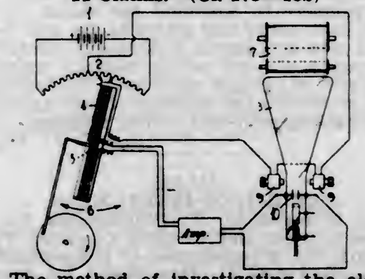
PROCESS AND APPARATUS FOR THE INDIRECT DETERMINATION OF EARTH AND AIR-ELECTRICAL CONDITIONS

Ludwig Machts and Bernhard Rehder, Marburg-on-the-Lahn, Germany

Application January 22, 1934, Serial No. 707,794

In Germany December 10, 1932

11 Claims. (Cl. 175—182)



2. The method of investigating the electrical and magnetic field conditions existing in a given area and the factors causing irregularities of said conditions, comprising, transporting a portion of an electrical circuit continuously over said area moving a portion of said circuit through repeated similar local motions in such a manner as would produce rhythmic maxima and minima in an area having uniform electrical and magnetic conditions to induce currents therein proportional to the intensity of the electrical and magnetic field traversed, obtaining signals from said induced currents indicative of the intensity of said currents, continuously recording said signals for forming a comparative record of the character of the conditions existing in various portions of said area of investigation and indicating whether the maxima of reception due to certain positions of the said circuit are rhythmically followed by corresponding minima, and determining the location of factors causing variations from the normal sequence of maxima and minima.

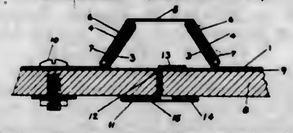
2,124,826

BUILDING STRUCTURE

Clarence H. Michel, Baltimore, Md.

Application May 29, 1936, Serial No. 82,441

1 Claim. (Cl. 189—34)



A wall structure comprising a pair of units each comprising a corrugated metal element and an insulating element secured thereto, the edges of the corrugated element being bent inwardly and the edges of the insulating element extending beyond the corrugated protruding edges of the metal sheet, said units extending in the same plane, a binding strip engaging the edges of the metal sheets and a metallic covering strip covering the meeting edges of the insulating sheets.

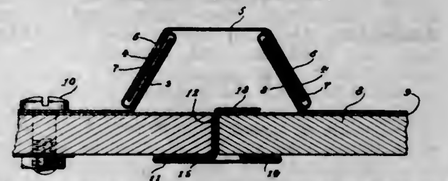
2,124,827

BUILDING STRUCTURE

Clarence H. Michel, Baltimore County, Md.

Original application May 29, 1936, Serial No. 82,441. Divided and this application October 30, 1936, Serial No. 108,395

2 Claims. (Cl. 189—88)



1. A cover strip for covering seams of adjacent building panels when formed in a building structure comprising an overlapping strip of metal overlapping said seam one longitudinal edge of which strip is bent upon itself to a position midway between its two edges, then bent substantially at right angles forming an extension through said seam, then bent substantially at right angles to form a terminal flange to embrace the said panel against which the other longitudinal edge of said strip presses, thereby forming a spring clip to embrace said panel the spring whereof extends from the longitudinal edges to which the extension is connected.

2,124,828

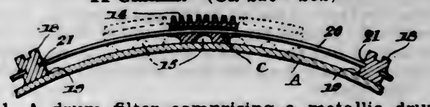
DRUM FILTER

John Nicholas Neil, Sault Ste. Marie, Ontario, Canada

Application November 19, 1936, Serial No. 111,732

In Canada November 27, 1935

11 Claims. (Cl. 210—202)



1. A drum filter comprising a metallic drum, a drainage covering of wood, a plurality of rods on which the covering is fitted mounted in spaced apart relation over the drum surface and spaced from the drum surface, said covering having means to mount it and to engage it rigidly on said rods.

2,124,829

LICENSE PLATE ILLUMINATION

Demcy L. Rioux, Green Bay, Wis.

Application June 3, 1935, Serial No. 24,781

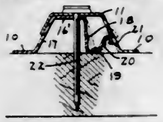
2 Claims. (Cl. 177—329)



1. In an electrical signal system for vehicles, a current source, a tail signal, a license plate, light sources normally illuminating said tail signal and said license plate, other light sources cooperative with said tail signal and said license plate, the other light source for said license plate being colored red to correspond to that of the tail signal, the light source for said tail signal being a single multi-filament lamp bulb with one filament connected in circuit with the light source normally illuminating said license plate and another filament with the other light source for illuminating the license plate, and a switch

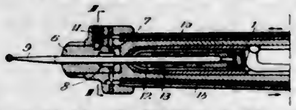
means operable with the brake pedal to flash the said other light sources during the actuation of the brake pedal to apply the vehicle brakes.

2,124,830
METAL ROOFING
Karl Roth, Terre Haute, Ind.
Application April 18, 1936, Serial No. 75,102
2 Claims. (Cl. 108—18)



1. In a sheet metal roofing comprising a plurality of metal sheets overlapping one another at their edges, a metal sheet having the overlapping edge bent into a rib having a top parallel with the sheet, an outwardly sloping leg connecting the top with the body of the sheet and a leg on the other side of the top sloping outwardly from the top and shorter than the first leg, the underlapping edge of the sheet being bent unwardly from the sheet thence carried across parallel with the sheet a distance substantially less than the width of said top of the overlapping rib and bent down at a more acute angle than the leg connecting the top with the body of the sheet, thence carried down to slightly above the under side of the sheet and bent outwardly to form a plane surface slightly oblique to the surface of the sheet and then carried upwardly and outwardly and terminating in an outwardly and downwardly turned lip at an elevation below the top of the rib and in the path of the adjacent sloping legs of an overlapping rib in a roof assembly whereby the plane surface of the underlying rib will be moved down into parallelism with its sheet and its long leg nearer to a right angle with the sheet to better prevent crushing of the ribs in nailing the sheets to roof boards.

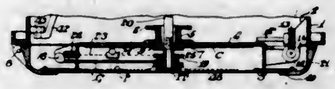
2,124,831
METHOD OF AND DEVICE FOR COOLING DENTAL TOOLS, SUCH AS DRILLS OR THE LIKE
Walther Roos, Basel, Switzerland, assignor to Waropa A. G., Basel, Switzerland
Application December 23, 1935, Serial No. 55,905
In Germany December 31, 1934
6 Claims. (Cl. 32—28)



1. The method of drilling teeth comprising cooling the drill to a temperature of approximately from −10° C. to −30° C., while applying the cold drill to the tooth to be drilled, withdrawing heat from the tooth through the drill, continuously withdrawing said heat from the drill during the drilling, the portion of the tooth immediately adjacent the point of drilling being reduced in temperature below the coagulation temperature of the albuminous protoplasm of the tooth so that the protoplasm immediately adjacent the point of drilling is coagulated and solidified and fixed in position relative to the dentine tubes so as to prevent application of vibrations incident to the drilling to the uncoagulated protoplasm, ondontoblast and pulpa of the tooth.

6. In a device for cooling dental tools, such as drills or the like, a drilling hand-piece, a rotatable driving element for said drill mounted in said hand-piece, a slotted driving spindle secured to said driving element rearwardly thereof, a conical bit engaging bore in said driving element receiving a mating tapering inserting end of said drill and merging rearwardly of the bit engaging portions with a cylindric through-bore of said spindle, an ejector pin slidably arranged in said through-bore, a sleeve slidably arranged on said driving spindle to be controllable from outside, a stop member for said pin guided in a slot of said driving spindle and bearing against said slidable sleeve for ejecting said drill by means of said pin on corresponding control of said slidable sleeve, a controllable supply conduit for a compressed cooling medium for cooling said drill provided on said hand-piece, a hollow space communicating with said supply conduit provided in said handpiece to surround the shank of said drill at least partly and sealed at the exit therefrom of said drill shank, a discharge conduit for the pressure released cooling medium communicating with said hollow space, and heat insulating means protecting the portions of said handpiece not contacting with said cooling medium.

2,124,832
EXHIBITING INSTRUMENT
William R. Schofield, Jr., Philadelphia, Pa., assignor to Leeds and Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 24, 1935, Serial No. 32,834
4 Claims. (Cl. 234—71)

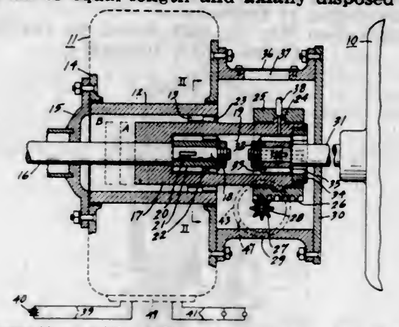


1. An instrument of the character described comprising a rotatable shaft, means for actuating said shaft responsive to the changes in magnitude of a condition, a frame pivoted to swing about an axis substantially at right angles to said shaft, a scale carried by said frame, a member pivotally mounted on said frame and extending in front of said scale, a rotatable element carried by said member and in axial alignment with said shaft when said frame and said member are in predetermined positions, means for disengageably connecting said rotatable shaft to said rotatable element, and means connected to said rotatable element for movement in cooperative relation with said scale.

2,124,833
SELECTIVE CLUTCH TRANSMISSION FOR MULTIPLE MOTOR DRIVES
James A. Scott, Arcadia, Fla., assignor of two-fifths to J. W. Nowlin, Tallahassee, Fla., and one-fifth to Edward S. Davies, Tampa, Fla.
Application November 7, 1936, Serial No. 109,725
3 Claims. (Cl. 74—389)

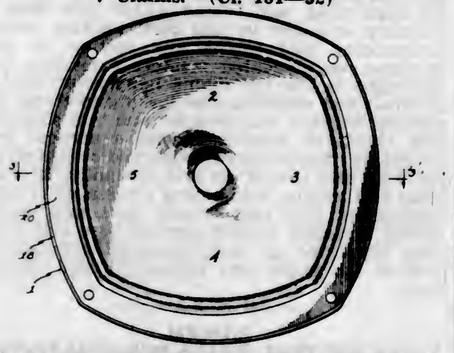
1. In a selective multiple motor drive, a transmission sleeve having a plurality of sets of external and internal clutch splines, a work shaft having splines clutched to one set thereof, a prime mover, a sleeve driven by said prime mover and adapted to telescope over said transmission sleeve and having a set of internal clutch splines disposed to be engaged with and disengaged from an external set of clutch splines on said transmission sleeve, a second prime mover and a clutch driven thereby in telescoping relation with said transmission sleeve and having a set of spline teeth disposed to be engaged with and disengaged from a set of splines on said transmission sleeve, and

means to shift said latter sleeve to selectively clutch it to either or both prime movers, the set of clutch splines on the transmission sleeve being all of equal length and axially disposed and



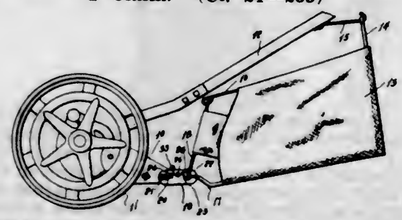
cooperating with splines varying in lengths in different sets to permit either prime mover to remain clutched to the transmission sleeve in a plurality of its operating positions.

2,124,834
ACOUSTICAL DIAPHRAGM
Willebald Conrad Stenger, Chicago, Ill.
Application August 17, 1936, Serial No. 96,401
7 Claims. (Cl. 181—32)



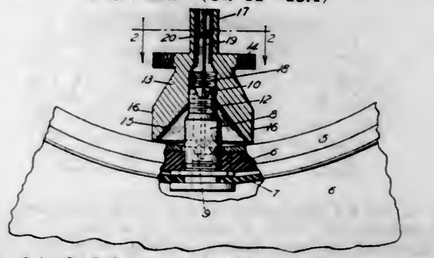
1. An acoustical diaphragm of conical form near its center and gradually changing from such form toward its periphery into an outwardly-curved sided pyramidal form, and said diaphragm having a laminated reinforcement at its center.

2,124,835
SNAP HOOK FOR ATTACHING GRASS CATCHERS TO LAWN MOWERS
Edward Henry Strutz, Sacramento, Calif.
Application January 29, 1937, Serial No. 123,048
1 Claim. (Cl. 24—235)



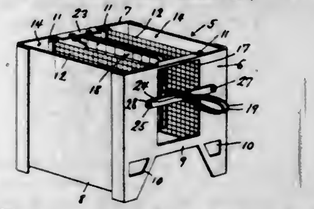
Means for attaching a grass receptacle to a lawn mower comprising a snap hook having a blade shank with a slot at one end, a hook bill at the other end and a tensioned latch keeper pivoted on the shank and engaged with the hook bill, the latch keeper being U-shaped in cross section and having side ears straddling the shank, the pivotal mounting of the latch keeper including a pivot pin extending through the ears and shank, a tubular bearing surrounding the pin between the ends thereof and extending through the shank for end abutting engagement with the latch keeper ears, a wire spring having a coiled portion on the bearing between the shank and one ear of the keeper with one leg engaged with the keeper and an abutment on the shank in spaced relation to the adjacent ear of the latch keeper to be engaged by the other leg of the wire spring.

2,124,836
TIRE TOOL
George W. Teter, Fairplay, Colo.
Application December 21, 1936, Serial No. 116,980
5 Claims. (Cl. 81—15.4)



1. A tool of the character described, comprising a body having a rim-contacting foot, and having a bore, threaded at a distance from the contact-part of said foot, for the application of a correspondingly threaded valve-stem, and a push-rod movable in said bore, to engage with a valve-part in the stem.

2,124,837
BROILER FOR USE BY CAMPERS
Anthony Triolo, Passaic, N. J.
Application June 24, 1936, Serial No. 87,101
1 Claim. (Cl. 126—41)



A portable stove comprising essentially sheet metal side and end plates connected together and adapted to be set up on one end as a base to provide a vertically disposed four-walled enclosure open at the top, the front and rear walls, respectively, being provided with a substantially wide and deep notch extending inwardly of the base end of the wall and a longitudinally elongated rectangular opening above the notch and terminating at one extremity below the upper end of the wall and at the opposite extremity in spaced relation to the base of the notch, the said notch and opening being centered with respect to the longitudinal median line of the wall, removable partitioning screens extending from the front wall to the rear wall and on opposite sides of and for substantially the full longitudinal dimensions of

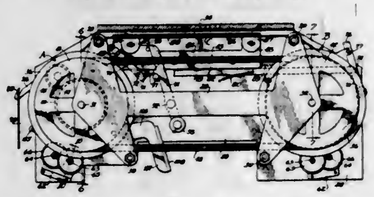
the rectangular openings to define fire boxes on opposite sides of a central cooking compartment, fuel-supporting bottom screens in said fire boxes, upright channel iron holders at the inner sides of said front and rear walls for said screens, a central pendent loop on the upper portion of the rear wall, a vertically swingable arm pivotally connected to the front wall at one side of the opening therein and having notches in its middle portion and also having an end hook, and a keeper pin on the front wall at the opposite side of said opening for the engagement of said hook end of the arm.

2,124,838

COIN CONTROLLED AMUSEMENT APPARATUS

Burns S. Watling, Chicago, Ill., assignor to Watling Scale Company, Chicago, Ill., a corporation of Illinois

Application April 30, 1938, Serial No. 205,218
18 Claims. (Cl. 40—28)



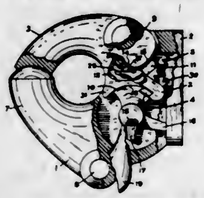
1. In an apparatus of the class described, the combination with a casing, of a pair of drums mounted in said casing, a band attached at its ends to the respective drums and adapted to be wound back and forth between said drums, said band bearing a series of questions and answers, manually operable means for turning one of said drums, means other than said band for transmitting the movement of said manually operable means to the other drum, a shutter movable to expose an answer, and means for restoring said shutter.

2,124,839

AUTOMOBILE TRAILER COUPLING

Dewey S. Weiss, Portland, Oreg.

Application March 8, 1937, Serial No. 129,602
8 Claims. (Cl. 280—33.15)



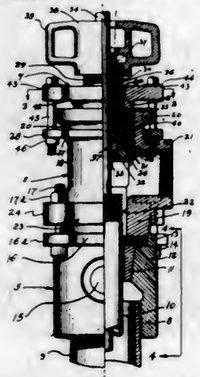
1. A trailer coupling comprising, a body formed with an upwardly terminating hook and attaching means, a retainer pivotally secured to the said body opposite the terminus of said hook formed with a sector portion integral therewith characterized by a concave arcuate surface, a rotary lock of sector form journaled in said body concentrically with said concave arcuate surface when the said retainer is in the closed position provided with a counterbalancing operating handle urging the lock in rotation to cause the engagement of the convex portion of the lock-sector with the said concave arcuate surface of said retainer, and a spring urged latch to retain the said rotary lock in the locked position.

2,124,840

CASING HEAD

James B. Wrigley, Tulsa, Okla., assignor to International Supply Company, Tulsa, Okla., a corporation of Delaware

Application May 25, 1937, Serial No. 144,729
6 Claims. (Cl. 166—14)



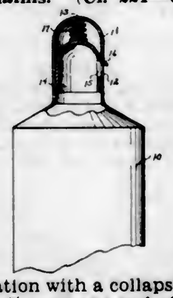
1. In combination, a well pipe, a tubing hanger secured to the upper end of the well pipe and having a bore, tubing extending from the interior of the well pipe through said tubing hanger, means for supporting said tubing within said bore, a shoulder arranged in said bore, packing means surrounding said tubing and resting on said shoulder, an elongated member extending into the upper end of the tubing hanger and having its lower end engaging the packing to clamp the packing between said member and said shoulder, said elongated member having a vertical bore extending axially therethrough and communicating with said tubing, an arm extending laterally from said member and having a passageway communicating with said vertical bore, and sealing means arranged in said vertical bore and rockably supported by said elongated member for sealing the upper end portion of said vertical bore.

2,124,841

VALVE CONTROL MEANS FOR COLLAPSIBLE MATERIAL HOLDING TUBES

James W. Young, Des Moines, Iowa

Application March 26, 1938, Serial No. 198,261
5 Claims. (Cl. 221—60)



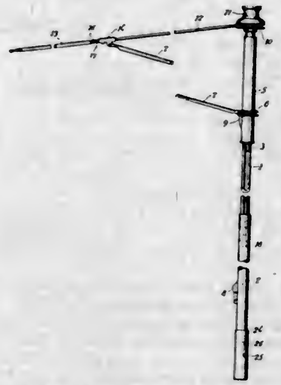
1. In combination with a collapsible metal tube, a hollow end portion on one end of said tube having an outlet port in its side, a cup member slidably mounted inside said hollow end portion having an outlet port capable of communicating with said first mentioned outlet port at times, a means for limiting the reciprocation and rotation of said cup member relative to said hollow end portion, and a coil spring having one end engaging the inside bottom of said hollow end portion and its other end engaging the forward end of said cup member.

2,124,842

TELESCOPIC UMBRELLA FRAME

Arno Zierold, Floha, and Karl Kortenbach, Solingen-Weyer, Germany, assignors to Kortenbach & Rauh Kommanditgesellschaft, Solingen-Weyer, Germany

Application May 2, 1936, Serial No. 77,632
In Germany August 1, 1935
11 Claims. (Cl. 135—26)



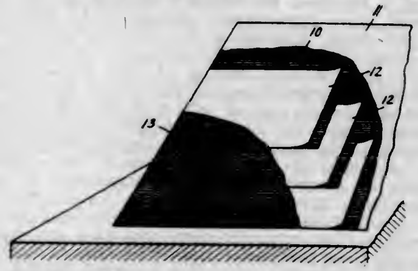
1. An umbrella frame comprising in combination a telescopic umbrella stick, a sliding member adapted to move along said umbrella stick, telescopic ribs comprising inner and outer sections, spreaders connecting said outer sections to the umbrella sliding member and cooperating means on said inner and outer sections for simultaneously locking all the extended outer rib sections to the inner rib sections before the movement of the sliding member for opening the umbrella frame, the locking means consisting of a slot and pin connection.

2,124,843

WATERPROOFING COMPOSITION AND METHOD

Benjamin A. Anderton, Grantwood, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey

Application June 3, 1935, Serial No. 24,713
11 Claims. (Cl. 72—127)



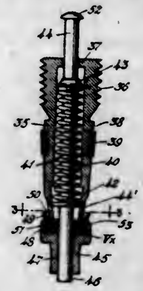
1. The membrane waterproofing process which comprises applying a coating of coal-digestion pitch of a softening point such that the pitch is flexible and ductile under service conditions throughout all temperatures which may be encountered in use and asbestos fibres in amount not more than fifteen (15%) per cent, based on the weight of the pitch, to a vertical or inclined construction mass to be waterproofed, applying a layer of bitumen-saturated felt to this coating and applying a second coating of like composition to the felt.

2,124,844

VALVE CORE

Frank S. Boroughs, Elmhurst, Long Island, N. Y., assignor to G. M. Co. Manufacturing Co., Inc., Long Island City, N. Y., a corporation of New York

Application January 28, 1937, Serial No. 122,713
1 Claim. (Cl. 251—144)
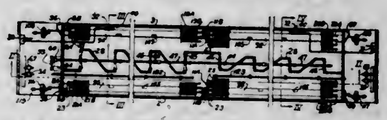


A tire valve core comprising a body having a longitudinal axial bore and terminating in a tapered nozzle valve element, a valve pin reciprocable in said bore and having secured to the bottom portion thereof a complemental valve element, a spring coiled around said pin and adapted to bias the last mentioned valve element into complemental relation with said tapered nozzle valve element, said complemental valve element being constituted of a retainer member formed with a hollow boss, and an elastic gasket, within said boss, and traversed by said pin, said boss having its vertical wall spun inwardly at a point immediately below it upper edge constituting its lip, so as to form a constriction of the cross-sectional area of the boss, and then outwardly from such point of constriction so as to form a flared opening for said hollow boss, into which flared opening the tapered nozzle valve element is adapted to conveniently enter and become centralized by the guiding of such flared opening in effecting a seating of the end thereof upon the surface of the elastic gasket.

2,124,845

DRY KILN AND THE ART OF KILN DRYING

James Forrest Cobb, Portland, Oreg., assignor to Moore Dry Kiln Company of Oregon, a corporation

Application April 26, 1932, Serial No. 607,651
6 Claims. (Cl. 34—46)



1. In a dry kiln having enclosure defining walls, means for the accommodation of stock loads stacked therein, means for circulating kiln atmosphere therein, said means comprising fans operatively mounted therein and distributed throughout the length of the kiln, the fans at one

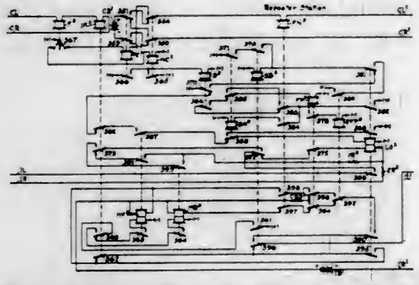
end of said kiln being of less air circulating capacity than the fans at the opposite end of said kiln, heating means within said kiln, said heating means being of greater heating capacity at the end of the kiln having fans of less air circulating capacity, and being of lesser heating capacity at the end of the kiln having fans of greater air circulating capacity.

2,124,846

CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS

Darrol F. De Long, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application September 11, 1935, Serial No. 40,114
9 Claims. (Cl. 177—353)



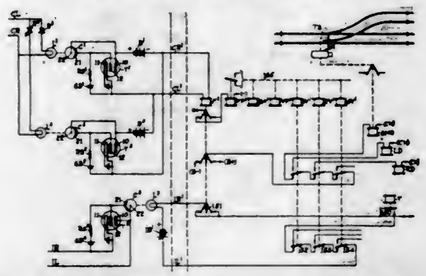
8. In a remote control system; a control office; a first plurality of field stations; a second plurality of field stations; a repeater station; control line circuit means connecting said control office, said first plurality of field stations, said repeater station, and said second plurality of field stations, said line circuit means having a plurality of series of impulses impressed thereon; a first indication line circuit connecting said control office, said first plurality of field stations and said repeater station; a second indication line circuit connecting said repeater station and said second plurality of field stations; a normally at rest step-by-step mechanism at said control office and each of said field stations; means whereby said step-by-step mechanisms are operated in synchronism through a cycle of operation by a series of impulses on said control line circuit means; code transmitting means at each of said first plurality of field stations for impressing a code element on its respective indication line circuit for each step of its said step-by-step mechanism; code transmitting means at each of said second plurality of field stations for impressing a code element on its respective indication line circuit for each step of its said step-by-step mechanism except the last; storing means at said repeater station for storing on each step of a cycle of operation the code element impressed on said second indication line circuit for that step, said storing means being capable of storing either of two different code elements and normally assuming while the system is at rest a condition as if one of said two different elements were stored in it; means at said repeater station for impressing a code element on said first indication line circuit during each step of a cycle of operation, the code element for the first step corresponding to the normal condition of said storing means and the code elements for each remaining step being the same as the code element stored in said storing means for the preceding step, whereby there is the same number of code elements for a cycle of operation, when one of said field stations from said second plurality of field stations is transmitting, as there is when one of said field stations from said first plurality is transmitting; and means allowing the operation of the transmitting means at only one of said field stations of both pluralities to transmit for any given cycle of operation.

2,124,847

POLAR IMPULSE REPEATING SYSTEM

Frederick W. Brixner, Gates, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application September 11, 1935, Serial No. 40,124
2 Claims. (Cl. 177—353)



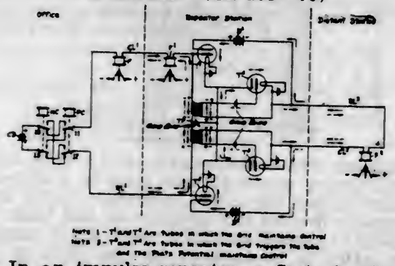
1. In a code type communication system; a first line circuit connecting a control office with a repeater station; a second line circuit connecting the repeater station with a field station; a code transmitter at the control office and including a step-by-step mechanism for impressing different series of time spaced positive and/or negative impulses upon said first line circuit; repeater means at the repeater station comprising one light producing means responsive to only said positive impulses in said first line circuit; a second light producing means responsive only to said negative impulses in said first line circuit; a first light sensitive cell controlled by said first light producing means; a second light sensitive cell controlled by said second light producing means; two battery sources of electric energy, two electronic means controlled by said first and second light sensitive cells respectively so as to impress positive impulses on said second line circuit from a first one of said battery sources and to impress negative impulses on said second line circuit from the other of said battery sources, said impulses being of the same polar characteristics as those impressed on said first line circuit and also being substantially coexistent therewith; code receiving means at the field station including a step-by-step mechanism operated step-by-step in response to impulses on said second line circuit and distinctively responsive to the different codes; indication line circuit means connecting said control office with the field station; code transmitting means at the field station effective to condition said indication line circuit means on each step of said step-by-step mechanism at the field station; and indication receiving means at the control office controlled on each step of said step-by-step mechanism at said control office in accordance with the condition of said indication line circuit means as conditioned by said code transmitting means at the field station on that step; whereby code messages are transmitted from the control office to a distant location with substantially no delay incurred by the repeating of the impulses so that the step-by-step mechanisms controlled thereby operate in synchronism to allow the simultaneous transmission of indication impulses from the distant location to the control office on corresponding steps.

2,124,848

POLAR IMPULSE REPEATER SYSTEM

Winfred T. Powell, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application September 11, 1935, Serial No. 40,131
14 Claims. (Cl. 178—70)



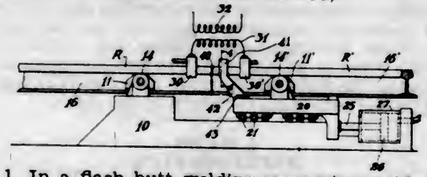
1. In an impulse repeater, a first circuit and a second circuit, a first grid controlled vacuum tube and a second grid controlled vacuum tube, means for energizing said first circuit, means responsive to the initial energization of said first circuit for controlling the grids of said vacuum tubes whereby said second circuit is energized, means for withdrawing control of the grid of said second vacuum tube and maintaining control of the grid of said first vacuum tube as long as said first circuit is energized, and means including both of said vacuum tubes for maintaining said second circuit energized as long as said first circuit is energized.

2,124,849

ARC WELDING

James A. Drain, Jr., Brooklyn, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York

Application September 30, 1936, Serial No. 103,403
7 Claims. (Cl. 29—33)



1. In a flash butt welding apparatus, said apparatus having means for heating to plasticity the ends of the materials to be welded, a fixed support for one of said ends, a movable support for the other of said ends, means for clamping said ends to said supports, means for moving said second support to move said ends together to form the weld and a bead of surplus material surrounding the weld, said movable support being adapted to release the end clamped thereto after said weld is formed, a die having a cutting edge which conforms to the contour of said ends, and means whereby further movement of said movable support, after releasing its respective end, operates said die across the weld to remove the bead.

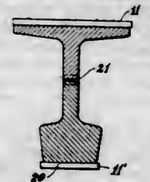
2,124,850

WELDING PROCESS

Harcourt C. Drake, Hempstead, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York

Application September 30, 1936, Serial No. 103,433
4 Claims. (Cl. 113—112)

1. A method of welding rails having a neutral axis, which consists in depositing metal from the bases of the rails to be welded part-way up the webs substantially to the neutral axis, inverting



the rails, and depositing metal from the treads upwardly substantially to the neutral axis.

2,124,851

HALOGEN-SUBSTITUTED ALCOHOLS AND A PROCESS OF PREPARING THEM

Wilhelm Fitzky, Frankfort-on-the-Main-Hochst, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort - on - the - Main, Germany

No Drawing. Application October 13, 1936, Serial No. 105,438. In Germany October 23, 1935
10 Claims. (Cl. 260—156)

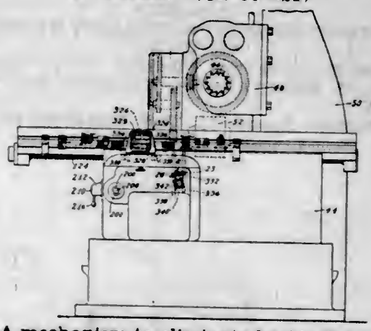
1. The process which comprises causing formaldehyde and hydrogen halide to act upon a low-molecular aliphatic compound containing an olefinic double bond.

2,124,852

MACHINE TOOL

Benjamin P. Graves, Cranston, and Arthur F. Bennett, West Barrington, R. I., assignors to Associated Patents, Inc., a corporation of Ohio

Application March 9, 1934, Serial No. 714,808
34 Claims. (Cl. 90—21)



1. A mechanism to eliminate backlash between the screw and nut elements of a driving connection for moving one support with relation to another which comprises a screw on one of said supports, a pair of nuts threaded to the screw, means for maintaining a constant angular relationship between the nuts, and a take-up device having a take-up action to maintain a tight operating engagement between said screw and nut elements comprising tensioning means, take-up means actuated thereby comprising cam actuating surfaces for imparting relative movements to the nuts cammed at a less than critical locking angle to impart an unyielding relative axial movement to the nuts, and means cooperating with said take-up device for rigidly positioning said nuts on the other of said supports against movement relatively thereto with the screw in either direction.

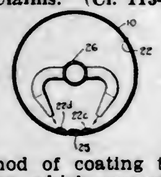
28. In a machine tool, the combination of a tool, a movable work support, driving means for the support including a driving member rotatable in opposite directions to drive the support in reverse directions, a slow feed and quick traverse clutch, controlling means for determining the position of the clutch, means controlled by movement of the table to reverse the direction

of drive and simultaneously to shift said clutch control means to quick traverse position, and means actuated by the reversal in the direction of rotation of said rotatable driving member to render said clutch control means operative to shift the clutch to quick traverse position.

2,124,853
METHOD OF MAKING COATED CANS

William F. Grupe, Lyndhurst, N. J., assignor to Chambon Corporation, Garfield, N. J., a corporation of New York

Application March 17, 1936, Serial No. 69,261
5 Claims. (Cl. 113—120)

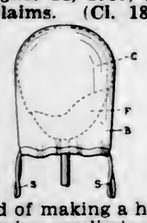


1. The method of coating the interior of a metal container, which comprises applying the coating material upon the "inner" face of the metal container material while preserving metallically exposed the edge portion serving as the to-be-soldered seam areas, forming the container by seaming and soldering such seam areas, and subjecting the "inner" face of the thus formed container to projected streams of a heated fluid medium to render the applied coating material flowable and positively effecting the flow of the flowable-rendered coating material by such projected streams upon and over the seam areas.

2,124,854
METHOD OF MAKING HOLLOW RUBBER ARTICLES

Roland H. Guinzburg, Flushing, N. Y., assignor to I. B. Kleinert Rubber Company, New York, N. Y.

Application August 14, 1935, Serial No. 36,141
4 Claims. (Cl. 18—56)



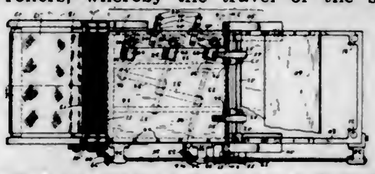
1. The method of making a hollow rubber article which comprises preliminarily defining the article from unvulcanized sheet rubber, applying to said article on the exposed surface thereof a layer of ornamental material capable of being vulcanized thereto, said layer being of less surface extent than said article placing the said article and layer on a form, applying a flexible pattern-carrying member over the assembly on the form to press said assembled parts against the form whereby simultaneously to unite said parts and to impress the pattern of said flexible member on the outer surfaces of said layer and of said article and to shape the latter to the contour of the form, vulcanizing said assembly while thus held under pressure on the form, and then removing said pattern-carrying member.

2,124,855
PAPER HANDLING MACHINE

Reuben Hitchcock, Cleveland, Ohio, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y., a corporation of New York

Application October 10, 1928, Serial No. 311,463
5 Claims. (Cl. 271—52)

1. In a paper handling machine, a feed table having a side guide, said table comprising diagonally arranged driven rollers adapted to cause travel of sheets thereon longitudinally and towards said side guide, a series of rolling weights mounted in said side guide and supported by said rollers, whereby the travel of the sheets

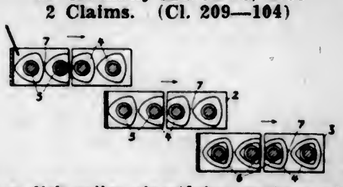


themselves rotates the weights, and a sheet feeder for delivering sheets to said table in a direction parallel to said side guide, said sheet feeder being adjustable toward and away from said table and adapted to release control of each sheet immediately after it is engaged by the first of said rolling weights.

2,124,856
DISK ROLLER CLASSIFYING GRATE FOR COAL

Heinrich Köhler, Gr. Ottersleben-Georgshohe, Germany, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany

Application March 11, 1936, Serial No. 68,333
In Germany March 18, 1935
2 Claims. (Cl. 209—104)

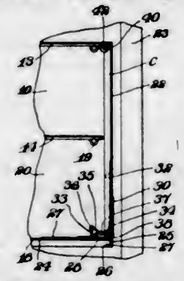


1. In a disk roller classifying grate, a plurality of rollers transverse to the conveying direction of the grate, each comprising a row of spaced three-arc disks, the distances between the peripheries of the disks of adjacent rollers and the distances between the disks on the same roller both increasing in the conveying direction of the grate.

2,124,857
REFRIGERATOR

Harold F. MacGrath, Chicago, Ill.

Application February 15, 1935, Serial No. 6,688
4 Claims. (Cl. 312—186)



1. A refrigerator including a body portion, two superimposed shelves therein, a baffle pivotally secured to the lower of said shelves, means for detachably connecting said baffle to the upper of said shelves above said one shelf, and means for pivotally connecting said baffle to said lower shelf, said connecting means including upstanding flanges on said lower shelf and upstanding flanges

on said baffle adjacent the connecting edges of said lower shelf and baffle, and link means pivotally connecting said upstanding flanges.

2,124,858
DEVICE FOR GUIDING AND STACKING LETTERS AND SIMILAR PAPERS IN LETTER SORTING APPARATUS

Jean Joseph Martin Lambert Marchand, The Hague, Netherlands

Application May 11, 1935, Serial No. 20,932
In Germany May 16, 1934
12 Claims. (Cl. 271—87)

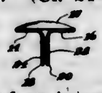


1. A chute for conveying and guiding letters and similar articles, whose interior is provided with at least one pair of longitudinally-extending projections, said projections being placed on opposite sides of the chute and being laterally displaced with reference to one another, whereby one projection in cooperation with a side of the chute forms a channel in which the letters or similar articles may travel and the other projection serves to keep the letters or similar articles in this channel.

2,124,859
TUFTING BUTTON

Robert E. Miller, Bronxville, N. Y.

Application October 24, 1935, Serial No. 46,500
3 Claims. (Cl. 24—104)



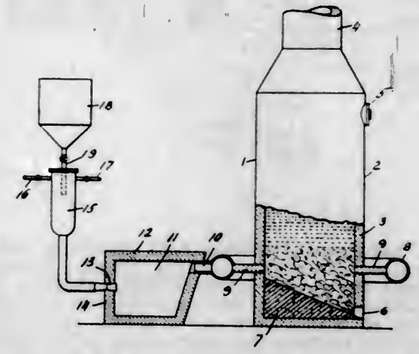
1. A button made of an integral piece of sheet material, and having an integral body portion and thread receiving extensions on said body portion, said extensions having the inner portions thereof in substantially parallel relation to the body portion and having their outer portions projecting outwardly from said body portion in adjacent spaced parallel relation, and the outer ends of said outer portions being free and being provided with oppositely directed thread-receiving hooks having their planes parallel and having their terminal portions bent toward each other and the extreme free end of each hook being in contact with an intermediate portion of the other hook.

2,124,860
REFINING PROCESS

Stuart Parmelee Miller, Scarsdale, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey

Application March 11, 1936, Serial No. 68,229
4 Claims. (Cl. 75—65)

1. In the operation of a cupola furnace for the melting of non-ferrous metal, those steps which comprise placing a bed of coke substantially free of ash and other materials having a deleterious effect upon the non-ferrous metal within the cupola, placing a charge of non-ferrous metal on said bed of coke, producing heating gases by the combustion of fuel substantially free of ash and other material having a deleterious effect upon said non-ferrous metal, said heating gases containing a controlled excess of free oxygen,



passing said heating gases into said furnace and in controlled amount into contact with said coke, the excess of free oxygen therein consuming a controlled minor portion only of said coke bed in the cupola so as to avoid an excessive oxidizing atmosphere in the cupola and thereby avoiding excessive metal losses from said charge, passing the resultant heating gases through said charge of non-ferrous metals to heat the metals to melting temperatures, and withdrawing the molten metal from the cupola.

2,124,861
DIALYTIC APPARATUS

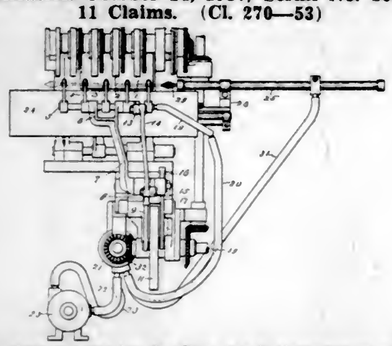
Arthur W. Saddington and Arlie P. Julien, Syracuse, N. Y., assignors to The Solvay Process Company, New York, N. Y., a corporation of New York

Application April 24, 1936, Serial No. 76,252
8 Claims. (Cl. 23—252)



8. A dialyzer for purifying concentrated caustic solutions comprising in combination a tank having an inlet and an outlet within said tank, a bundle of alternately perforate and imperforate frames having sides of channel cross-section and substantially longer bases of channel cross-section, and a plurality of transverse members rigidly joining the two bases, said frames being adapted to separate and firmly support dialytic membranes, said imperforate frames being provided with means to provide parallel flow of liquid therethrough, means for controlling flow of liquid through each imperforate frame separately, and cooling means positioned within at least a portion of said frames for withdrawing heat produced by the dialyzing process.

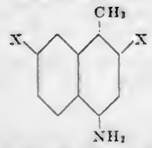
2,124,862
BOOK SIGNATURE FEED
Carl Schramm, North Coventry, Conn., assignor to The Smyth Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application October 14, 1937, Serial No. 168,876
11 Claims. (Cl. 270—53)



1. Apparatus for feeding book signatures which comprises a saddle, suction means movable against the outside leaves of the signatures for feeding and opening the signatures to a greater extent than the width of the saddle, and means projected between the inner leaves of the signatures while said suction means is functioning for insuring the complete separation of the inner leaves whereby the inner leaves will be properly deposited on each side of the saddle.

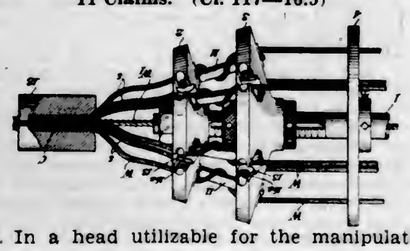
2,124,863
METHYL-AMINONAPHTHALENE-SULPHONIC ACIDS AND PROCESS OF PREPARING THEM
Adolf Sieglitz, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 6, 1936, Serial No. 89,250. In Germany July 6, 1935
3 Claims. (Cl. 260—129)

2. The methyl-aminonaphthalene-sulphonic acids of the following formula:



wherein one **X** stands for the sulphonic acid group and the other **X** for hydrogen, being feebly grey crystalline powders.

2,124,864
FORMING HEAD ARRANGEMENT
Frank E. Weller, Bloomfield, N. J.
Application October 23, 1936, Serial No. 107,273
11 Claims. (Cl. 117—16.5)



1. In a head utilizable for the manipulation of single wires or strands, a main shaft, front and rear disks secured thereto in spaced relation, spindles rotatably carried by said disks for shaping the respective single wires or strands, means for adjusting one disk along said shaft with respect to the other disk while said spindles remain operatively associated therewith, and means for adjusting the bearings for said spindles radially with respect to said shaft.

2,124,865
PATCHING INTERIOR SURFACES OF FURNACES
Frederick W. Winkler, Francis X. Mooney, and Charles R. Kuzell, Clarkdale, and Melvin T. Mounts, Cottonwood, Ariz., assignors to Phelps Dodge Corporation, New York, N. Y., a corporation of New York
No Drawing. Application October 8, 1937, Serial No. 167,978
13 Claims. (Cl. 266—43)

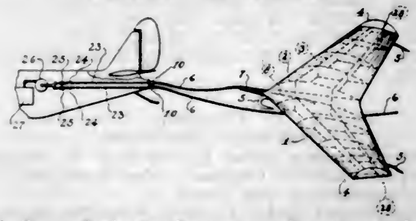
1. The method of patching the interior of a high temperature continuously operating furnace comprising preparing a slurry of water and powdered refractory material, said material comprising principally silica and being proportioned chemically to produce an adhesive thermally bonded deposit at the temperatures of operation of said furnace, and pneumatically spraying a thin coating of said slurry upon an interior surface of said furnace while said furnace is being operated.

2,124,866
LAMINATED SHIM
Earle L. Young, Bayside, N. Y., assignor to Laminated Shim Co., Inc., Long Island City, N. Y., a corporation of New York
Application July 23, 1935, Serial No. 32,724
8 Claims. (Cl. 308—244)



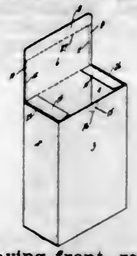
1. A laminated shim of the class described comprising a plurality of thin laminae of steel, each of said laminae having a non-ferrous flash coating firmly adherent thereto and a high lead solder bonding agent placed between the relative surfaces of the laminae to hold said laminae together and to permit easy separation thereof without tearing the laminae.

2,124,867
AIRFOIL FUEL TANK FOR AIRPLANES AND THE LIKE
John Akerman, Chicago, Ill., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application October 26, 1934, Serial No. 750,163
9 Claims. (Cl. 244—135)



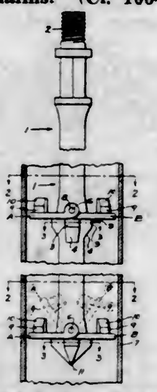
1. In a fuel supply system for an airplane including an engine having a carburetor, an auxiliary fuel tank of airfoil shape adapted to be connected to the airplane connecting means between the auxiliary tank and the carburetor, a float in the auxiliary tank, a valve operated by the float to direct fuel to the carburetor from the heavier and therefore the lower side of the auxiliary tank to aid in stabilizing the auxiliary tank, and manually operable means to disconnect the auxiliary tank from the airplane while in flight.

2,124,868
CARTON
Bruce J. Davidson, Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
Application July 6, 1936, Serial No. 89,206
7 Claims. (Cl. 229—51)



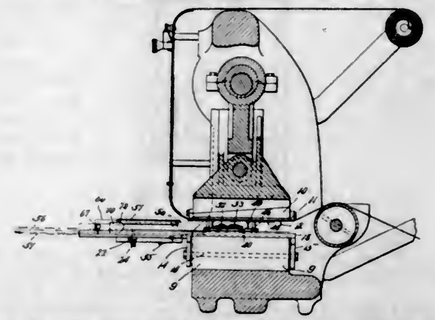
1. A carton having front, rear and side walls, the side walls having inturned flaps, a top secured to the rear wall and overlying said flaps, said top having a glue-strip at each side edge fixedly secured to said flaps, each glue-strip being limited by a weakened line extending across the top of its underside only, whereby upon opening said top the material of said glue-strips will split and only their under parts adhere to said flaps the outer surface of the top will remain continuous and unbroken.

2,124,869
PARAFFIN SCRAPER
Philip M. Rea, Oklahoma City, Okla.
Application September 3, 1937, Serial No. 162,301
2 Claims. (Cl. 166—10)



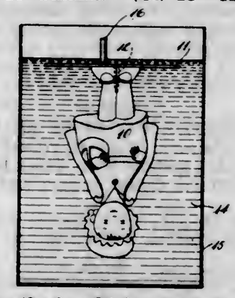
1. An elongated body polygonal in cross-section, means at the upper end of the body for connecting it to a support, a pair of oppositely disposed substantially semi-cylindrical scraper wings complementally enveloping and pivoted transversely to the body and to each other, said wings complementally forming a disc when in their extended positions, longitudinally extending radially spaced ribs carried by the body, their upper ends supporting the wings when in outstanding positions, and a point carried by the lower end of the body, said point being formed of a plurality of outstanding downwardly tapered ribs.

2,124,870
COMBINED INK-MARKING AND PERFORATING MACHINE
Arthur W. Altvater, University City, and Franz Wunder, Maplewood, Mo.; said Wunder assignor to said Altvater
Application April 16, 1937, Serial No. 137,256
8 Claims. (Cl. 101—316)



1. A combined ink-marking and perforating machine having, in combination, a stripper plate, a marking die having its marking edge spaced from the stripper plate, means for inking the marking edge, and means for moving the inking means and the marking edge relatively in two directions substantially normal to each other to insert the inking means between the stripper plate and the marking edge and to engage the marking edge and the inking means.

2,124,871
METHOD AND APPARATUS FOR MOLDING ARTICLES
Carl L. Beal, Cuyahoga Falls, Ohio, assignor to American Anode, Inc., Akron, Ohio, a corporation of Delaware
Application December 9, 1933, Serial No. 701,655
15 Claims. (Cl. 18—41)



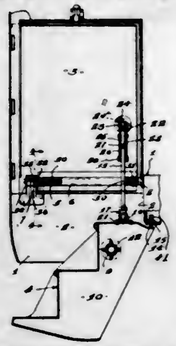
1. The method which comprises placing a solidifiable molding composition in contact with a shaped surface of a flexible elastic matrix, solidifying the composition to form in intimate contact with said surface a self-sustaining solidified mass, then changing the static fluid pressure concurrently on substantially the entire exposed surface of at least one side of the flexible matrix so that the pressure on the side thereof removed from the solidified mass will be lower than the pressure upon the opposite side thereof

in contact with said mass, whereby the flexible matrix is freed from its intimate contact with the solidified mass.

2,124,872
RAILWAY CAR TRAP DOOR AND FOLDING STEP CONSTRUCTION

Edward F. Chaffee, Syracuse, N. Y., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y., a corporation of New York

Application October 2, 1936, Serial No. 103,746
6 Claims. (Cl. 105—447)

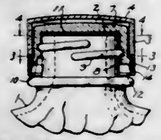


1. In a trap door and folding step construction for railway cars, the combination of a platform structure formed with a step passage, a flight of steps pivotally mounted on a horizontal axis to the platform structure within the passage and below the level of the platform structure, a trap door hinged to the platform structure at one side of the step passage and arranged to cover and uncover the step passage, motion transmitting connections between the trap door and the steps and operating to move the steps into operative position, as the trap door opens, and move the steps into inoperative position, as the trap door closes, the flight of steps being mounted on its pivotal axis to move by gravity toward operative position and thereby tend to move the door from closed position, and the door and steps being so mounted with respect to their pivotal axes that the avoirdupois weights thereof balance through the motion transmitting means, when the door assumes a partly open position, and releasable means for holding the trap door closed.

2,124,873
CONTAINER CLOSURE MEANS

Benjamin F. Conner, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn., a corporation of Connecticut

Application May 4, 1934, Serial No. 723,864
18 Claims. (Cl. 215—7)

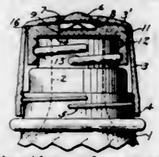


1. The combination of a container having an opening and having an external thread, an internally threaded closure adapted to engage the thread on the container and to close the container opening, an externally visible preformed readily breakable indicator element adapted to be freely assembled with the container without substantial change in size or shape, the said indicator element being so related to the closure as to prevent the indicator element from being put in place on the container before the closure is put in place, and means for causing the breaking of the indicator element upon a substantial change from the normal assembled relationship between the said element and the container and the closure, the said breaking means being free from any engagement with the indicator element which would prevent direct upward movement thereof.

2,124,874
CONTAINER CLOSURE MEANS

Benjamin F. Conner, West Hartford, and William F. Schmalz, Rockville, Conn., assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn., a corporation of Connecticut

Application May 4, 1934, Serial No. 723,865
37 Claims. (Cl. 215—7)

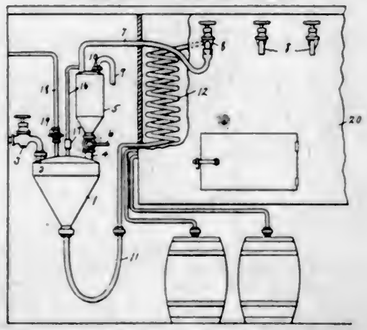


1. The combination of a container having an opening, a preformed indicator element adapted to be freely assembled with the container without substantial change in size or shape and including an externally visible readily breakable portion, a closure member for the container opening held against removal while the indicator element remains unbroken and in its normal position on the container, and a device so positioned as to be concealed by the said breakable portion of the indicator element and initially constructed prior to assembly so as to permit free movement of the indicator element in one direction into its said normal position and so as to automatically engage and break the said breakable portion of the indicator element upon movement of the said element in the opposite direction out of its said normal position.

2,124,875
BEER COIL CLEANER

William A. Douglass, Baltimore, Md.

Application September 23, 1936, Serial No. 102,195
1 Claim. (Cl. 225—12)



A beer coil cleaner comprising a water container having a screw-threaded inlet adapted for connection with a faucet and a screw-threaded outlet at its lower end, a pipe connected at one end to the outlet and adapted to be connected at its other end with the lower end of the beer coils, a cleansing material container removably secured to and communicating with the water container, a valve to control flow between the said two containers, an inlet pipe secured at one end to the top of the cleansing material container and having its opposite end adapted to connect with the beer coil faucet, an outlet pipe connected to the top of said cleansing material container and having a strainer therein, an air inlet pipe connected to the water container, and an air-vent pipe connected to the water container and having a check valve therein adapted to be closed by the water pressure or compressed air pressure.

2,124,876
FLARE

Louis L. Driggs, Jr., Dayton, Ohio

Application March 20, 1936, Serial No. 69,781
10 Claims. (Cl. 102—24)



1. In combination, a flare candle, a support for said flare candle, a parachute connected to said candle, a casing for the parachute detachably connected to the flare candle, a fuse mounted on the flare candle, igniter means adjacent said fuse, means connecting said igniter means to the support for said candle for operating the igniter means when the candle has moved a predetermined distance away from said support; and an explosive means mounted on said candle ignitible by said fuse and adapted to blow away said fuse from the candle and ignite the candle; and means connected to said fuse for detaching the parachute casing from the flare candle to permit the parachute to open.

2,124,877
HARD ALLOY CUTTING TOOL

Hyrum E. Flanders, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

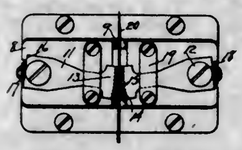
No Drawing. Application September 23, 1935, Serial No. 41,774
1 Claim. (Cl. 75—123)

A hard and abrasion resistant cutting tool formed by casting from an alloy having a cast iron base and a composition within the following ranges: carbon 3.00 to 4.50%, manganese 0.18 to 0.50%, silicon 0.20 to 1.25%, molybdenum 5.1 to 10.00%, balance substantially all iron.

2,124,878
KNIFE SHARPENER

Grant Hammond, New Haven, Conn.

Application August 6, 1935, Serial No. 34,939
10 Claims. (Cl. 76—86)



1. A sharpening device including a block, a sharpener pivotally attached to said block and having a cutting end movable on said pivot in the direction of lengthwise sharpening movement of an article during a sharpening operation, means cooperating with said end to support said article for application of pressure thereto, and means for resiliently resisting pivotal action of said sharpener during the swinging sharpening movement.

2,124,879
VACUUM DISTILLATION PROCESS

Kenneth C. D. Hickman, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

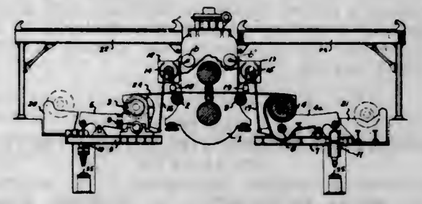
No Drawing. Application November 21, 1936, Serial No. 112,139
7 Claims. (Cl. 202—52)

1. In the process of high vacuum, short path distillation of organic substances, the step of determining the temperature at which the desired fraction should be collected by carrying out a preliminary distillation on a small portion of the distilland to which has been added a non-reactive organic compound whose presence in the distillate is immediately made known by its chemical or physical properties, which organic compound distills in maximum amounts at a temperature having a known relation to that temperature at which the desired fraction distills in maximum amounts.

2,124,880
REVERSIBLE ROLLING UNDER CONTROLLED TENSION

Edwin B. Hudson, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Original application October 23, 1934, Serial No. 749,591. Divided and this application October 23, 1934, Serial No. 749,592
6 Claims. (Cl. 80—32)



1. In combination, a mill, coilers on each side of said mill, said coilers having drums and said drums being movable toward or away from said mill, drivers and braking means for each of said drums and means for urging said drums away from said mill under predetermined forces, and means for varying said forces inversely to each other as the direction of rolling is changed.

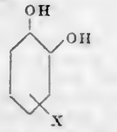
2,124,881

AZO DYES AND PROCESS FOR MANUFACTURING THE SAME

Werner Lange, Dessau-Ziebigk-in-Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application July 25, 1936, Serial No. 92,689. In Germany July 27, 1935
12 Claims. (Cl. 260—12)

2. The process which comprises diazotizing an aminodiphenylamine sulfonic acid, coupling the diazo compound in the absence of free inorganic acid with a hydroxybenzene compound of the general formula



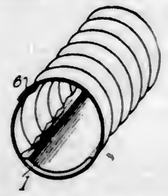
wherein X is a member of the group consisting of H and OH, subjecting the monoazo dye thus obtained to an oxidation process with an oxidizing agent of the group consisting of air, hydrogen peroxide, a salt of bivalent copper, and cuprammonium salts, and transforming it into a metal complex compound.

2,124,882

METHOD OF MAKING CORRUGATED METAL CULVERTS

Ernest F. Lundeen, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Original application October 17, 1935, Serial No. 45,461. Patent No. 2,094,898, dated October 5, 1937. Divided and this application July 9, 1936, Serial No. 89,796
3 Claims. (Cl. 29—148.2)



1. That method of forming a paved culvert which consists in applying hot spelter to a sheet of metal while the same is flat, and while the spelter is molten applying thereto a web of asbestos material, roller levelling said product, heating said product and applying an asphaltic saturant thereto, then corrugating the sheet, forming a culvert section of said sheet, and then applying a coating of asphaltic material to the interior at least of the culvert section, so as to form a paving therein.

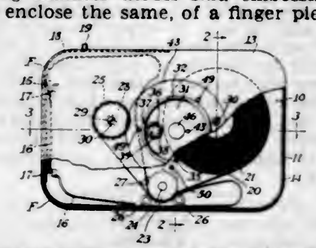
2,124,883

INDICATING SYSTEM FOR MOTION PICTURE APPARATUS

Lawrence R. Martin, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application June 11, 1935, Serial No. 26,019
9 Claims. (Cl. 33—172)

1. In a motion picture apparatus, the combination with a casing adapted to contain a film roll, a cover for enclosing said casing, and embossing in said cover and provided with an opening, an indicating member movably mounted within said embossing and covering said opening, a projection on said indicating member for extending into said casing and for engaging said film roll, and a masking member across said embossing partially to enclose the same, of a finger piece con-



nected to said indicating member, available from the exterior of the cover in closed position thereof, and arranged so that pressure on said finger piece promotes frictional engagement between said indicating member and said masking member to permit holding of said indicating member in any predetermined position.

2,124,884

CELLULOSE ORGANIC ESTER COMPOSITION CONTAINING A DIPROPIONATE OF A POLYETHYLENE GLYCOL

Lester W. A. Meyer, Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application August 12, 1936, Serial No. 95,622
9 Claims. (Cl. 106—40)

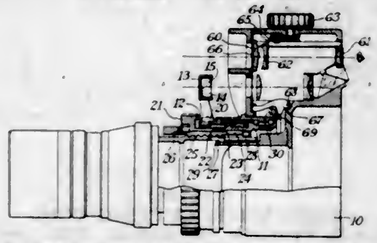
1. A composition comprising a cellulose derivative and, as a plasticizer therefor, a polyethylene glycol dipropionate selected from the group consisting of diethylene glycol dipropionate and triethylene glycol dipropionate.

2,124,885

FOCUSING MECHANISM FOR INTERCHANGEABLE LENSES

Joseph Mihalyi, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application August 11, 1936, Serial No. 95,375
2 Claims. (Cl. 95—45)



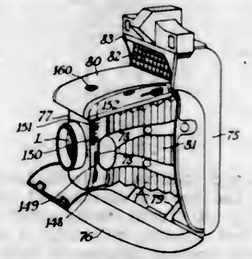
1. In a photographic camera, a rotatable sleeve journalled in the camera, a non-rotatable member mounted in screw threaded engagement with said sleeve, a range finder carried by the camera and including a movable optical member adapted to be moved in strict accordance with the axial movement of the non-rotatable member when said sleeve is rotated, an objective mounting detachably secured to the rotatable sleeve, said objective mounting comprising two parts connected by a screw threaded coupling, one part being adapted to interlock with the rotatable sleeve and the other part containing the objective, and means for restraining rotation of said part containing the objective, whereby angular movement of the rotatable sleeve imparts axial movement to the objective in accordance with the pitch of said screw threaded coupling.

2,124,886

LIGHT CONTROLLING MECHANISM FOR CAMERAS

Joseph Mihalyi, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application October 20, 1936, Serial No. 106,552
15 Claims. (Cl. 95—64)



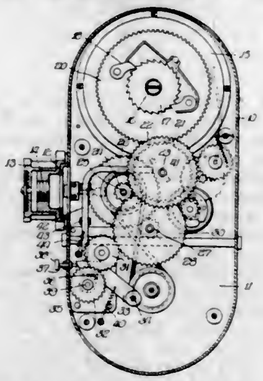
5. In a photographic apparatus the combination with a camera body, of a shutter of the setting type, a member adapted to be turned to wind the setting shutter, a diaphragm, a diaphragm adjusting lever, a light meter including an arm adapted to move with variations of light, a movably mounted comb for holding said arm in a fixed position, and means connected to the member for setting the shutter for moving the comb from the arm.

2,124,887

INDICATING MEANS FOR CAMERAS

Lewis H. Moomaw, Wilmette, Ill., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 9, 1936, Serial No. 67,773
10 Claims. (Cl. 116—114)



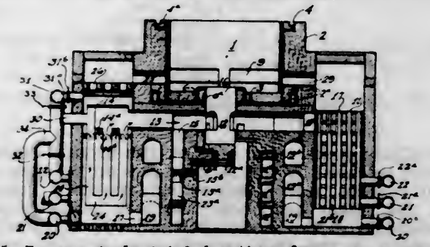
1. In a film handling apparatus, the combination with a driving means for advancing film through said apparatus at any desired rate, of a feelable member actuated by said driving means and located normally to be available to the sense of feeling of the operator.

2,124,888

RECUPERATIVE SOAKING PIT FURNACE

William A. Morton, Mount Lebanon, and Howard F. Spencer, Pittsburgh, Pa., assignors to Amco, Incorporated, Pittsburgh, Pa., a corporation of Pennsylvania

Application July 5, 1934, Serial No. 733,812
21 Claims. (Cl. 263—15)



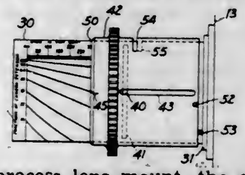
1. In an industrial heating furnace, a combustion chamber having inlet and output passages for combustible gases and waste gases respectively, recuperator structures communicating with said passages, means for passing fuel gas through one of said recuperators and air through the other of said recuperators to preheat the same and conduct said fuel gas and air to the inlet passage of the heating chamber, means for drawing the waste gases from the heating chamber through the air recuperator structure, and means for utilizing the exhaust gases withdrawn from the air recuperator to subsequently heat the passages of the gas recuperator.

2,124,889

PROCESS LENS MOUNT

Alexander Murray, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application April 29, 1936, Serial No. 76,949
10 Claims. (Cl. 95—64)



10. In a process lens mount, the combination with a lens tube, an adjustable diaphragm mounted therein, means for adjusting the diaphragm including an operating ring, of a magnification diaphragm ratio calculating device comprising two relatively movable parts, one part including a graph graduated into units in two directions over a relatively large area and surrounding the lens tube, the other part including an index carried by the diaphragm adjusting means and adapted to cooperate with said beforementioned graph and move in two directions over the graduated units when said parts are moved relative to each other.

2,124,890

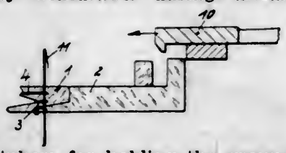
FLAT KNITTING FRAME

Rudi Nebich, Chemnitz, Germany

Application December 2, 1937, Serial No. 177,705
In Germany December 7, 1936
2 Claims. (Cl. 66—91)

1. A flat knitting frame, comprising dividing sinkers for producing plush goods in which a

plush loop is arranged above every sinker loop and the sinking of the plush thread is effected by a jack sinker having a correspondingly projecting plush nib and the dividing sinkers also have a plush nib, the dividing of the plush thread loops being solely carried out by the dividing sinkers while the jack sinkers are correspondingly withdrawn during dividing, and



auxiliary sinkers for holding the ground thread loops released by the jack sinkers on the stem of the needles, said auxiliary sinkers being guided in the sinker head near the jack sinkers independently of the motion of the latter and during motion of the jack sinkers into dividing position being moved forward, the upper part of said auxiliary sinkers being so short that they cannot grasp the plush loops.

2,124,891

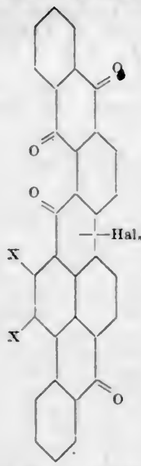
COMPOUNDS OF THE 3.4.8.9-DIBENZOPYRENE-5.10-QUINONE SERIES

Heinrich Neresheimer, Robert Held, and Anton Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application September 29, 1937, Serial No. 166,346. In Germany September 30, 1936

4 Claims. (Cl. 260—61)

1. A vat dyestuff of the dibenzpyrenequinone series having the general formula



wherein X stands for a member selected from the class consisting of hydrogen and —O-alkyl-, at least one X being —O-alkyl, and *n* for a whole number less than 3.

2,124,892

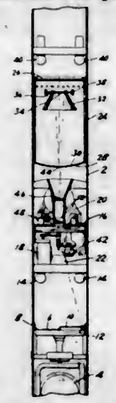
WELL SURVEYING INSTRUMENT

Charles R. Nichols, Dallas, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa., a corporation of Delaware

Application August 16, 1934, Serial No. 740,111

8 Claims. (Cl. 33—205.5)

1. In a well surveying device comprising a casing adapted to enter a bore-hole, a mirror arranged to maintain a reflecting surface in constant relation to the vertical, indicia fixed relatively to the casing, other reference indicia fixed relatively to the casing, means for illuminating both indicia, and means for photographing the



first mentioned indicia by reflection from the mirror and the second mentioned reference indicia directly to form superposed records of both, said last means including a lens system for projecting optical images of both indicia on a sensitized surface.

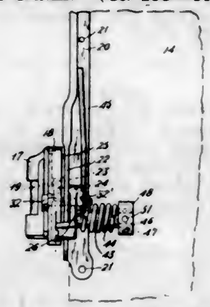
2,124,893

CHAIR

Sam Peppas, Elyria, Ohio

Application September 15, 1936, Serial No. 100,851

1 Claim. (Cl. 155—85)



A chair comprising a frame, a pivotal seat, brackets having one of their ends secured to said frame and their other ends extending outwardly on opposite sides of said seat, pivotal mountings between said seat and the outer ends of said brackets, removable clamps positioned inwardly of said pivotal mountings and having portions engageable with said brackets, bolts for holding said clamps and brackets in assembled relation and said pivotal mountings in operative position, the screwthreaded ends of the bolts projecting inwardly toward each other beyond said clamps, a member having one end rigidly connected to one of said brackets and extending inwardly therefrom in spaced relation to but substantially parallel with the axis of said bolts and its other end free, the free end of said member being provided with an opening extending transversely therethrough, a tension spring having a coiled portion encircling said member and one end projecting laterally into engagement with said seat for resistably maintaining the latter in

its normal raised position and its other end extending angularly, a collar loosely mounted on the free end of said member and connected to the angular extension of said spring, said collar being adapted for limited angular adjustment whereby the tension in said spring may be varied, said collar being provided with a plurality of pairs of transversely aligned openings, said pairs of openings being selectively adapted for alignment with the transverse opening in said member upon angular movement of said collar, and a pin insertible in the selected pair of aligned openings in said collar and in the transverse opening in said member to secure said collar in adjusted position.

2,124,894

REMOVAL OF CELLULOSE DERIVATIVES FROM SUSPENSIONS CONTAINING THEM

Stephen C. Pool and Maurice L. Piker, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application November 5, 1937, Serial No. 173,010

12 Claims. (Cl. 260—148)

1. The method of separating a cellulose derivative from its colloidal suspension in a mixture of solvent and water which comprises adding to the suspension at least .02% of an alkaline earth metal salt of a monobasic acid so as to make the cellulose derivative more easily separable and then separating the cellulose derivative from the aqueous liquid.

2,124,895

METHOD OF PREPARING PINEAPPLE

Henri Daniel Rey, Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif., a corporation

No Drawing. Application July 6, 1936, Serial No. 89,131

4 Claims. (Cl. 99—204)

1. The method of preparing pineapple which comprises paring and cutting the fresh pineapple into relatively thick slabs, subjecting the pared slabs to a preliminary drying step until their outer surfaces are toughened, then applying pressure to the slabs between hard surfaces together with a rocking motion sufficient only to loosen the fibers of the fruit and distribute the remaining juices therein, and thereafter subjecting the slabs to a further drying step until reduced to stabilized condition of dryness for packing, all while maintaining the individuality of the slabs.

2,124,896

DRIED DRUPACEOUS FRUIT TREATMENT

Henri Daniel Rey, Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif., a corporation

No Drawing. Application September 12, 1936, Serial No. 100,560

10 Claims. (Cl. 99—104)

1. The process of treating dried prunes which comprises flattening the dried prune bodies to substantially disk-like form with the flat sides of their pits lying in the plane of the disk to thereby stretch the flesh in direction generally away from the pits and loosen the flesh from the pits within the bodies.

4. The process of treating dried prunes which comprises flattening the dried prune bodies to substantially disk-like form with the flat sides of their pits lying in the plane of the disk to thereby stretch the flesh in direction generally away from the pits and loosen the flesh from the pits, thereafter soaking the flattened prunes in scalding water until they have partially regained their original form.

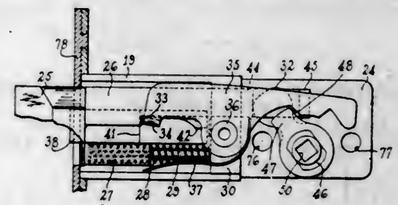
2,124,897

DOOR LOCK

John H. Shaw, Daytona Beach, Fla., assignor to Sargent & Company, New Haven, Conn., a corporation of Connecticut

Application September 26, 1936, Serial No. 102,638

2 Claims. (Cl. 70—151)



1. In a door lock, a case having a pair of spaced supporting members at the rear end thereof, a bolt reciprocably mounted in the case and having a stem extending through the rear end of the case between said members, a dogging lever pivoted in the case and adapted to engage the bolt to dog the same against retraction, a dog-controlling plunger projecting from the front of the case beside the bolt, a hub rotatably mounted between said members, and a pair of rollbacks carried by said hub, one of said rollbacks being adapted to engage and retract the bolt stem and the other engaging the dogging lever to move it to inoperative position.

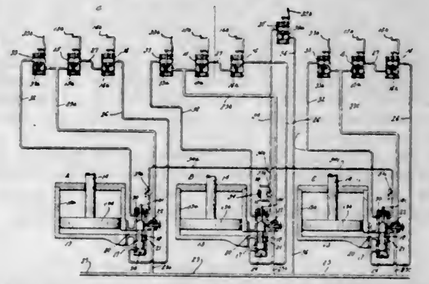
2,124,898

PLURAL PRESS CONTROL

James F. Shepard, Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio

Application January 11, 1936, Serial No. 58,692

14 Claims. (Cl. 38—5)



1. In combination, a plurality of presses each having coacting relatively movable pressing members, power means at each press for causing relative movement of the pressing members thereof into and out of engagement, means for causing into-engagement operation of each power means, power actuated means one for controlling out-of-engagement operation of each power means, and means for causing conjoint operation of a plurality of said last named means.

2,124,899

PROCESS FOR PREPARING AZO DYESTUFFS ON THE FIBER

Willy Tischbein, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application January 27, 1937, Serial No. 122,574. In Germany February 8, 1936
7 Claims. (Cl. 8—5)

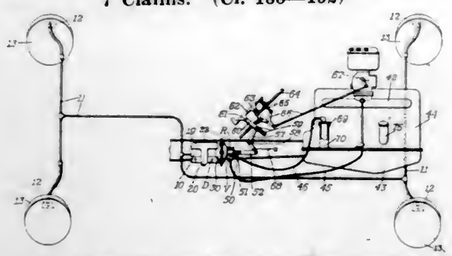
1. In the process of preparing azo dyestuffs on the fiber by means of a diazo compound which is sensitive towards alkali the modification which comprises coupling the diazo compound in alkaline solution in the presence of a watersoluble salt of a non-coupling base selected from the group consisting of amines and organic ammonium compounds.

2,124,900

DUAL BRAKE CONTROLLING MECHANISM FOR VEHICLES

David L. Winters, Los Angeles, Calif.

Application November 2, 1936, Serial No. 108,735
7 Claims. (Cl. 188—152)



1. In hydraulic brake controlling mechanism for motor vehicles, a fluid displacement device including a cylinder adapted for connection to fluid lines leading to the brakes; a fluid displacing piston in the cylinder having an abutment; fluid pressure responsive means co-acting with the piston and cylinder to effect brake applying movement of the piston when fluid power is applied to said means; a control valve mounted to move bodily with the piston and to be closed in response to brake applying movement of the piston; and manually operable means operatively connected to said valve to control said fluid responsive means in accordance with the movement of the piston so as to enable a brake application of any intensity from a minimum to a maximum to be effected and maintained; said manually operable means including a member extensibly associated with said piston to be inactive with respect thereto until a maximum power application of the brakes is reached, and coacting with said abutment to directly operate the piston manually should actuation of the manually operable means be continued following a maximum power application of the brakes.

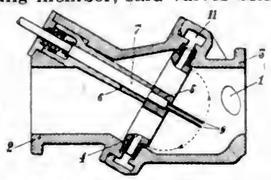
2,124,901

APPARATUS ADAPTED FOR THE PROPULSION OF FLUIDS

Nicolas Barna, Paris, France, assignor of one-half to Société les Fils de Emile Salmson, Paris, France, a corporation of France

Application January 16, 1937, Serial No. 121,011
In France January 17, 1936
3 Claims. (Cl. 103—41)

1. In a tubular fluid piping, a rotatable pumping member, having a main fluid passage therethrough for pumping fluid from the inlet side to the delivery side of said member, said member having by-pass ports for the direct passage of the fluid axially through said member, and two rocking flap valves mounted on the delivery side of the pumping member, said valves being actuated



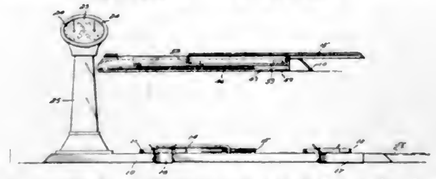
by centrifugal force towards port-closing position, for automatically closing said direct-passage and maintaining the same closed as soon as the said member is set in motion, in order to permit its pumping action.

2,124,902

RADIUS TURNING APPARATUS

George A. Bells, Los Angeles, Calif.

Application May 5, 1931, Serial No. 535,181
20 Claims. (Cl. 33—203)



1. In a wheel aligning apparatus, a wheel receptive member comprising a base and side walls forming a cradle for the tire on the wheel, said side walls substantially conforming to the contour of the tire, and said base being in substantially dish form whereby a wheel rolled on said receptive member will automatically center itself thereon.

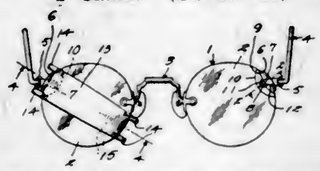
8. In a radius wheel aligning apparatus, a base, a pair of rotational and relatively movable wheel receptive members mounted on the base, one of said members being positioned in front of the other member, a guide for said one member, whereby one of the wheels of a vehicle driven onto the base will first encounter said member and cause it to advance forwards until it is aligned with the other member, in which position both wheels assume a centered position necessary for checking radius error, and means whereby said member will be advanced in one direction when the receptive members are rotated in one direction, and moved backwards in the opposite direction when the members are rotated in the opposite direction.

2,124,903

EYEGLASS REPAIR DEVICE

Francois C. Bradley, Union, Miss.

Application May 11, 1937, Serial No. 142,035
1 Claim. (Cl. 88—47)



Means for holding together two broken parts of an eye-glass lens of the rimless variety, comprising an elongated longitudinally bowed band

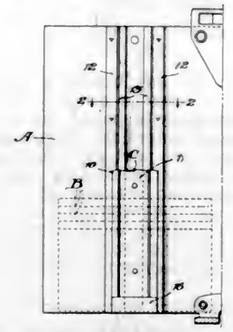
of resilient material, a pair of arms extending in spaced relation longitudinally from each end of the band and reversely bent whereby the ends of the arms at one end of the band will be in opposed relation with the ends of the arms at the other end of the band, and a pair of fingers extending longitudinally from the free end of each arm, the said fingers of each pair being longitudinally and oppositely curved and the holding means being in entirety a structural integral.

2,124,904

CARD INDEX PANEL AND CARD CARRIER COMBINATION

George C. Brainard, Youngstown, Ohio, assignor to The General Fireproofing Company, Youngstown, Ohio, a corporation of Ohio

Application July 6, 1936, Serial No. 89,220
13 Claims. (Cl. 129—16)



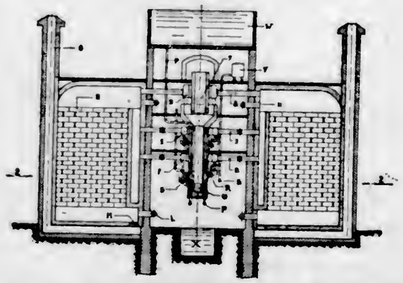
1. In combination, a card panel having a pair of elongated, parallel, laterally spaced flanges, and a card carrier including opposite edge portions for slidably receiving index cards and also having a pair of elongated, parallel, laterally spaced flanges for cooperation with said panel flanges to retain the card carrier detachably connected with the panel.

2,124,905

PROCESS FOR MANUFACTURING CAST IRON AND OTHER MATERIALS

Constantin Paul Bratasianu, Craiova, Rumania

Application June 11, 1934, Serial No. 730,081
In Rumania June 13, 1933
9 Claims. (Cl. 75—40)



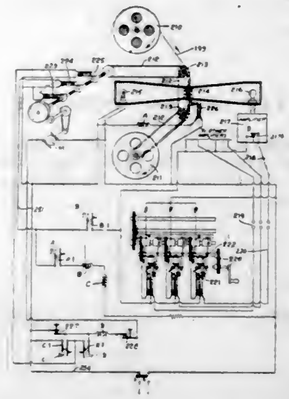
1. A two stage process for the production of cast-iron or steel, comprising subjecting in the first stage crude iron ores, crude solid carbonaceous distillable combustible materials and heavy liquid hydrocarbons or tars, to a heat treatment at a temperature not greater than 500° C., to produce purified, agglomerated, carburized and partially reduced ore, high quality metallurgical coke and light liquid hydrocarbons, and subjecting said three products in a second stage, to heat treatment at temperatures ranging from 1000° to 2000° C., for the production, in a single fusion operation, of cast-iron or steel.

2,124,906

STATISTICAL MACHINE

James W. Bryce, Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Continuation of application Serial No. 64,639, February 19, 1936. This application June 4, 1938, Serial No. 211,928
19 Claims. (Cl. 40—53)



1. A statistical machine which comprises means for feeding a film record bearing photographic control spot representations of numerical data and document facsimiles, means for trans-illuminating the film, means for scanning the trans-illuminated numerical data, means for comparing the scanned data with pre-set data, and means controlled by the foregoing last mentioned means for stopping film feed and for affording visual inspection of a document facsimile, said last named means including a source of light and means controlled by the comparing means for turning on said light to afford visual inspection of a selected corresponding document facsimile.

2,124,907

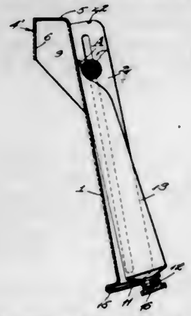
DEVICE FOR EXTRACTING CONTENTS FROM TUBES

Alwyn R. Bunting, Portsmouth, Va.

Application June 17, 1937, Serial No. 148,799
3 Claims. (Cl. 221—60)

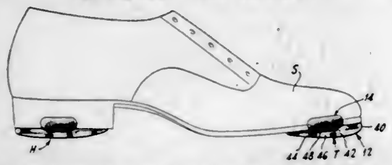
1. A dispensing device comprising a squeeze plate, a bracket for supporting said plate in a depending position, a bottom plate carried by the squeeze plate and having a slot to receive the discharge neck of a container resting against the squeeze plate, one wall of the slot of the bottom plate being beveled to engage screw threads of the neck to resist upward movement of the container, side plates formed on the squeeze plate and having slots, a shaft extending through the slots, finger pieces secured on the shaft, rack bars secured to the side plates, pinions secured on the shaft and meshing with the rack bars, carriage plates journaled on the shaft and having

curved pintle slots, projections formed on said plates and extending into the slots of the side



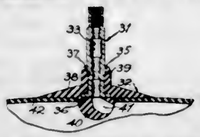
plates, pintles received by the pintle slots, and a roller secured on said pintles.

2,124,908
SIDE TAP AND TAP ASSEMBLY FOR DANCERS
Salvatore Capezio, East Paterson, N. J.
Application January 19, 1938, Serial No. 185,670
10 Claims. (Cl. 36—8.3)



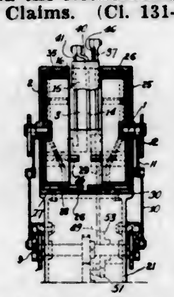
1. A dancer's shoe having attached thereto a bottom tap and two side taps, each side tap comprising an elongated side wall and a bottom flange formed integrally therewith, said bottom flange being perforated, means passing through the perforation for anchoring the same on the bottom of the shoe, said bottom tap being a cast metal body having a peripheral flange adapted to rest on the bottom of the shoe and to form a hollow sound chamber in the tap, said flange terminating at the inner end of the tap to leave a sound discharge space therebetween, said flange also being interrupted at the sides of the tap to receive the bottom flanges of the side taps.

2,124,909
VALVE STEM
John C. Crowley, Cleveland Heights, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 27, 1935, Serial No. 18,650
2 Claims. (Cl. 152—430)



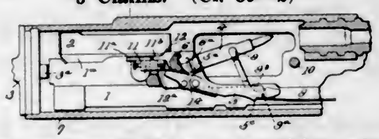
2. A valve stem having a bore therethrough and provided with a rubber base adapted to be secured to a tire tube, said base being provided on its inner side with an integral centrally arranged extension adapted to project through an opening in the tube and having a constantly open passage therein always in communication with said bore and extending laterally therefrom to communicate with the interior of said tube.

2,124,910
DEVICE FOR DISTRIBUTING TOBACCO MASS
Ernst Ruben Dahlström, Alsten, and Karl Erik Granstedt, Stockholm, Sweden, assignors to Aktiebolaget Formator, Stockholm, Sweden, a Swedish joint-stock company
Application June 18, 1937, Serial No. 149,018. In Germany and the Netherlands June 23, 1936
10 Claims. (Cl. 131—39)



1. In a device for distributing a tobacco mass, a container for a tobacco mass and comprising two upright, oppositely disposed and spaced apart side walls, lateral impellers arranged between said walls to move a part of the tobacco mass upwards from the bottom of said container, and a distributor operative between said walls to deliver a portion of the tobacco mass from said container, said impellers being movable also outwardly to be retracted from the sphere of said distributor and thereafter to be moved inwardly again.

2,124,911
AUTOMATIC FIREARM
Regis Darne, St. Etienne, France
Application June 19, 1935, Serial No. 27,435
In France June 29, 1934
5 Claims. (Cl. 89—2)

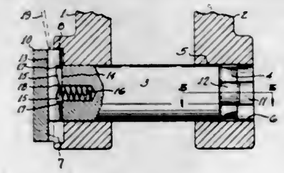


1. An automatic firearm comprising a breech block receiver, an action carrier movable in said breech receiver, a barrel fixed to said breech receiver, a barrel chamber for the cartridges, a feed passage, a device for conveying the cartridges from said passage to said chamber, said device comprising a cartridge lifting carrier having pivoted thereto grippers and a cartridge supporting lever, said grippers having external plane surfaces and internal bosses on said receiver cooperating with said plane surfaces preventing spreading of said grippers on the forward stroke of said action carrier.

2,124,912
SHACKLE
Leslie G. Ehmann, Portland, Oreg. assignor to Electric Steel Foundry, Portland, Oreg., a corporation of Oregon
Application July 7, 1937, Serial No. 152,361
6 Claims. (Cl. 59—86)

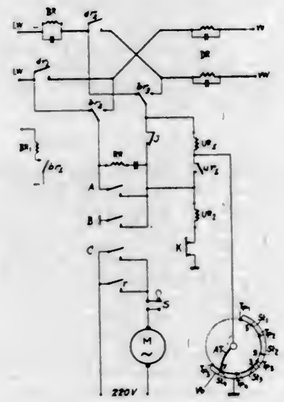
5. A shackle and the like having arms provided with aligned openings for the reception of a pin, means disposed in the opening of one of said arms for engaging a pin upon rotation of the pin therein, the outer face of the other of said arms be-

ing cut away annularly of the opening therethrough to form spaced recesses annularly of said opening; a pin for said shackle having a head at one end and having means at the other end for engaging the first above named means, a bar disposed through said pin under said head for re-



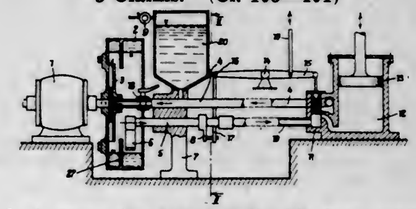
movably engaging one of said recesses, said bar being movable through said pin into engagement with one of said recesses for securing the pin in working position, and means to resist accidental movement of the bar through said pin out of engagement with said recess.

2,124,913
TELEPHONE SYSTEM
Hermann Engel, Ostermundigen, Switzerland
Application November 13, 1935, Serial No. 49,622
In Switzerland November 17, 1934
5 Claims. (Cl. 179—18)



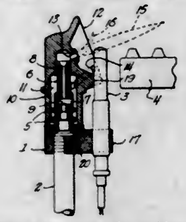
1. In an automatic telephone system, in combination, an exchange, a plurality of subscribers' lines, impulse actuated line connecting means at the exchange, a motor associated with a called subscriber's line, a circuit including a relay for starting said motor when a call is received on said called line, an impulse sending device in the called subscriber's line, switch means operated by said motor and having settable contacts cooperating with the impulse sending device to determine the sending of impulses corresponding to the number of a third subscriber to whose line said call is to be diverted, means operated at the beginning of impulse sending to connect the impulse sending device to said line connecting means at the exchange, normally open switch means in circuit with the called line and line connecting means, said switch means being closed at the end of impulse sending to connect said called line through said connecting means with the third subscriber's line, and contact means operated by the motor for timing the action of the impulse sending device.

2,124,914
ROTATING BOWL PUMP
Hermann Föttinger, Berlin-Wilmersdorf, Germany
Application July 5, 1934, Serial No. 733,930
In Germany July 7, 1933
3 Claims. (Cl. 103—101)



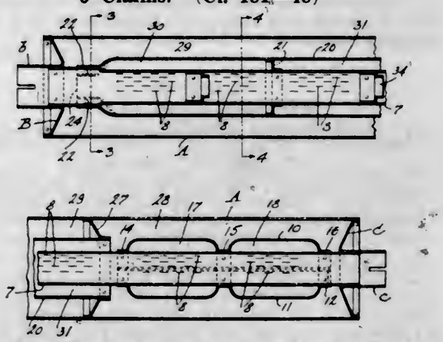
1. A pump for scooping liquids from rotating liquid rings comprising a swingable scooping pipe having a hydroplane surface having a curved portion becoming tangent to the top of the entry end of said pipe whereby the surface will glide on the liquid ring.

2,124,915
PILOT BURNER CONSTRUCTION
Frank A. Gauger, Milwaukee, Wis.
Application February 27, 1937, Serial No. 128,065
10 Claims. (Cl. 158—115)



1. A pilot burner construction comprising a pilot burner having a fuel nozzle and a burner shell, said shell being removable from said nozzle, a thermally responsive control member, said burner shell having an air inlet and a mixture outlet, and means for aligning the mixture outlet with the said control member.

2,124,916
MUFFLER
Lucien L. Haas, Buffalo, and Gail C. Starkweather, Kenmore, N. Y., assignors to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y.
Application June 14, 1937, Serial No. 148,069
6 Claims. (Cl. 181—48)



1. A muffler including a single housing having an inlet and an outlet, a conduit having perfora-

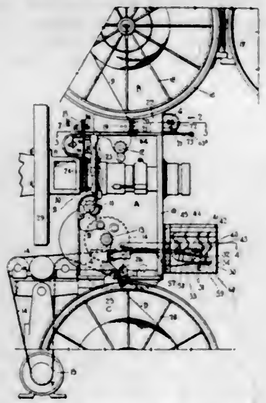
tions arranged in groups spaced at intervals lengthwise of said conduit and connecting said inlet and outlet, an intermediate shell part arranged in said housing about said conduit near said outlet which encloses a perforate portion of said conduit to form therewith a high frequency resonator chamber, and a second intermediate shell part located in said housing forwardly of said first part also enclosing a perforate portion of said conduit and having an opening leading to a space between the first intermediate shell part and said housing, and a transverse baffle connecting said second part and said housing and located forwardly of said opening to form a low frequency resonator chamber about said first part and into which sound waves and gases may enter through said opening.

2,124,917

CONTROL APPARATUS FOR MOTION PICTURE PROJECTORS

William Mordaunt Haliburton, Montreal West, and Romeo Xavier Vandette, Dorval, Quebec, Canada

Application July 9, 1936, Serial No. 89,826
5 Claims. (Cl. 88—17)



1. In a motion picture projecting machine a film magazine equipped with a normally closed door and with a normally inoperative locking device adapted to be operated to lock the door of the magazine in closed position in case of fire, a solenoid adapted to be energized to operate said locking device to its door locking position and a switch functioning automatically, in response to breakage of the film within the projector head, to complete circuit connections for energizing said solenoid and effecting operation of said door locking device.

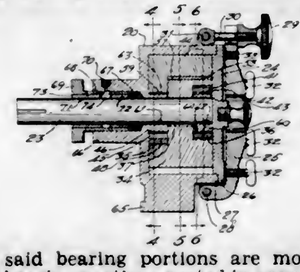
2,124,918

ROTARY VANE PUMP

Hans Magnus Hanson, Oshkosh, Wis.

Application June 25, 1937, Serial No. 150,401
4 Claims. (Cl. 103—144)

1. In a rotary vane pump having a housing with inlet and outlet ports, the combination therewith of a rotor in said housing rotating about an axis which is eccentric with respect to the axis of the bore of the housing, a plurality of impeller blades carried by said rotor and arranged to rotate about an axis concentric with the bore of the housing and said blades having cylindrical bearing portions and L-shaped blade portions, said rotor having circular counterbores in which said bearing portions are housed, one of said blades having its bearing portions in one counterbore and the other blades having their bearing portions housed within the other counterbore portion of the rotor, the ends of the pump housing having inwardly extending flanges on



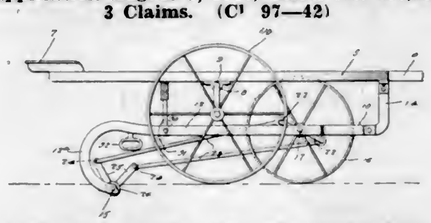
which said bearing portions are mounted, one of said bearing portions nested in concentric relation within another of said bearing portions, said last named bearing portion being incomplete so that the blade of said one bearing portion passes therethrough.

2,124,919

AGRICULTURAL IMPLEMENT

George Q. Heppner, Oldenburg, Ind.

Application August 3, 1937, Serial No. 157,186
3 Claims. (Cl. 97—42)



1. In a rotary rod weeder, the combination of a frame, a pair of supporting wheels disposed adjacent the sides of said frame, a bracket depending from the frame at the forward end of the latter, a rig pivoted at one end to said bracket, an axle transversely journaled in said rig and provided with a pair of cranks, a ground engaging drive wheel mounted on said axle for rotating the latter, a transversely extending rotary rod supported by said rig at the rear end of the latter and adapted to penetrate the ground and means connected with said rotary rod and said axle for driving said rotary rod from said axle.

2,124,920

PORTABLE VANITY CASE COMBINED WITH HANDBAG

Maria Petronella Johanna Lambooy, Brussels, Belgium

Application September 24, 1936, Serial No. 102,387
In Belgium October 12, 1935
3 Claims. (Cl. 132—79)



1. A portable toilet outfit termed a vanity case, comprising a rigid body for containing toilet articles and the like, and provided with a lid, the said body having a portion of its bottom removed to form a frame, a hand bag support in the frame, and a hand bag secured to the support and forming the outer exposed portion of the said case.

2,124,921

COMPOSITE BUILDING MATERIAL

Maximilian Lederer, Split, Yugoslavia, assignor, by mesne assignments, of one-half to N. H. Moos, London, England, and one-half to Alexander Singer, Vienna, Austria

Application December 4, 1935, Serial No. 52,821
In Yugoslavia May 3, 1935
1 Claim. (Cl. 154—45.9)



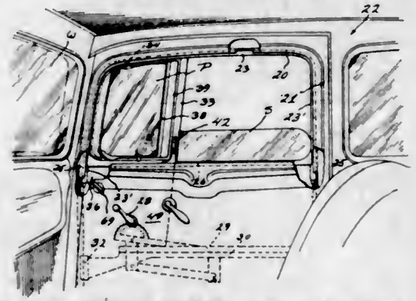
A composite, rigid, building sheet, comprising a main, inner body portion composed of a binder and an interlacing arrangement of coarse, elongated, cut strands of wood distributed therethrough to provide a light, porous, inner mass, and a relatively thin coherent sheet layer of covering material secured thereto composed of a binder and an interlacing arrangement of thin, elongated, cut strands of wood distributed therethrough, said layer of covering material presenting a substantially smooth surface and being substantially poreless throughout its thickness.

2,124,922

VEHICLE VENTILATING WINDOW

Dwight B. Lee, Detroit, Mich.

Application October 2, 1933, Serial No. 691,882
21 Claims. (Cl. 296—44)



1. A ventilating window construction for a vehicle body comprising a window casing, a frame slidable in said casing into and out of registration with the window opening, a panel pivotally mounted in said frame on substantially vertically arranged pivots for closing a portion of the window opening, a second panel slidably mounted in said frame and cooperating with said pivoted panel to close said window opening, a window lifter mechanism for actuating said slidable panel independently of said pivoted panel, and means for coupling said frame with said lifter mechanism for simultaneously moving the frame and said sliding and pivoted panels into and out of registration with said window opening.

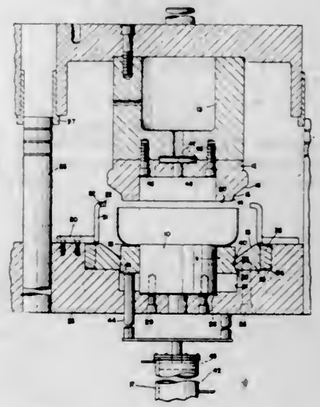
2,124,923

METALWORKING MACHINE

Frank H. Le Jeune, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application February 15, 1937, Serial No. 125,867
3 Claims. (Cl. 153—21)

1. In a machine for fashioning a blank having a tubular portion and an inwardly extending flange at one end of the tubular portion, a die having an opening therethrough with substantially cylindrical side walls and having a surface of predetermined shape extending outwardly from the upper end of the opening, means engageable with the inwardly extending flange of the blank to support the latter in an upright position including a member mounted in the die opening for movement from a position wherein the supporting surface of said member is located above the opening in the die to a position wherein said surface is located below the upper end of the die opening, a punch movable toward and away from the die and having a substantially cylindrical surface at the lower end thereof of less diameter than the die opening and movable in the adjacent end of



the blank upon initial movement of the punch toward the die, said punch also having a surface extending outwardly from the upper end of the cylindrical surface in fixed relation to the latter and effective to flare the last mentioned end of the blank outwardly as the punch continues its movement toward the die permitting the bottom surface of the cylindrical portion of the punch to engage the inwardly extending flange of the blank and to move the supporting member downwardly into the die opening to the second named position aforesaid thereof, the outwardly extending surface of the punch conforming to the outwardly extending surface of the die and being moved by the punch as a unit with the cylindrical portion thereof to press the flared portion of the blank against the outwardly extending surface of the die.

2,124,924

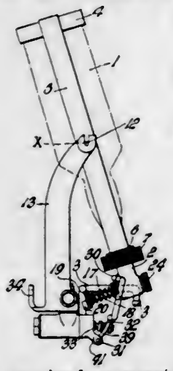
DEVICE FOR DISPENSING SIRUPS AND LIKE LIQUIDS

Douglas Mayne, Sutton, England, assignor to J. Lyons & Company Limited, London, England

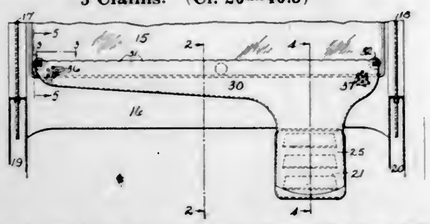
Application April 15, 1936, Serial No. 74,573
In Great Britain April 16, 1935
26 Claims. (Cl. 225—21)

1. A beverage dispensing device comprising a faucet adapted to be connected to a source of liquid, means in cooperative relation with said faucet for tiltably holding a bottle and directing the discharge therefrom into mixing relation with the liquid discharged from said faucet, and means operated by the tilting of said bottle to effect

the discharge of the contents of said bottle and the flow of liquid through said faucet simultaneously in the required proportion to produce a beverage.



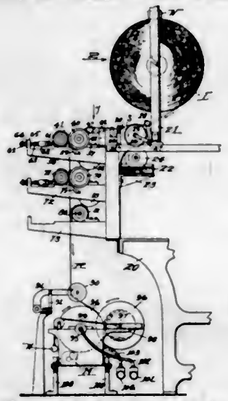
2,124,925
WINDOW GLASS CLEARING DEVICE
Edward K. McNeal, Syracuse, N. Y.
Application October 7, 1936, Serial No. 104,461
5 Claims. (Cl. 20—40.5)



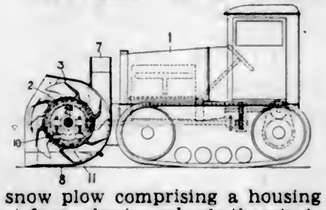
1. A window glass clearing device for use with a heater having an air discharge, said device including an inflatable tubular member of thin flexible material having an air inlet portion adapted to be applied to the air discharge of a heater, and an air discharge portion of relatively large cross sectional area arranged to be secured to and extend lengthwise of the lower portion of a window so as to depend therebelow substantially throughout the length of the window and having apertures in the upper part thereof through which air may be discharged at the window in an upward direction toward and along the inner face of the window.

2,124,926
MACHINE FOR MAKING FIBER REED
Gustaf E. Nordstrom and Edward J. Holden, Gardner, Mass., assignors to American Fibre Corporation, Gardner, Mass., a corporation of Massachusetts
Application November 16, 1936, Serial No. 110,988
6 Claims. (Cl. 93—84)

1. In a machine for making fiber reed in which strip-supplying means, a glue-applying device, a guiding and preliminary forming device, forming and crushing dies and rolls and winding apparatus cooperate in successive operative relation to transform a strip of paper into a fiber reed, that improvement which consists in providing in said winding apparatus a heated rotated roll, a winding spool, means to press said spool yieldingly against said roll, and means to guide said reed into contact with said heated roll at a point removed by approximately one-eighth of a circumference from the point where the reed is wound on said spool, whereby said reed is substantially dry as it approaches said winding spool and is further dried by contact of said heated roll with the outer layer of reed on said spool.

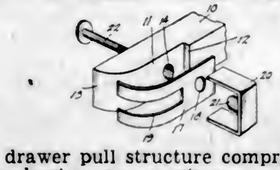


2,124,927
SNOW PLOW
Hans Peter, Liestal, Switzerland, assignor to the firm of Schneeräumungsmaschinen A. G., Niedergerlafingen, Switzerland
Application November 3, 1936, Serial No. 109,040
In Switzerland November 23, 1935
2 Claims. (Cl. 37—43)



1. A snow plow comprising a housing open at the front face, plowing wheels therein in form of a drum mounted on a horizontal transverse axis and arranged to enable the whole rectangular front face of the snow plow to be cleared, inclined scoops on the periphery of said plowing wheels and snow ejecting funnels on said housing, said scoops extending obliquely across a certain part of the periphery of the plowing wheels so as to impart to the snow a relative movement thereon to drive it towards the discharge opening of said ejecting funnels and to centrifugally project it therethrough.

2,124,928
DRAWER PULL
Dudley B. Pope, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application March 22, 1937, Serial No. 132,441
2 Claims. (Cl. 41—34)



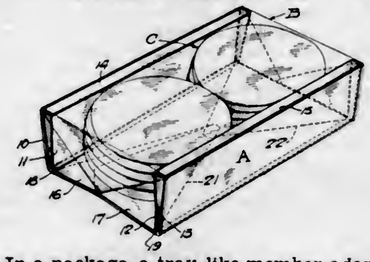
1. A drawer pull structure comprising a body member having an aperture, a clip member adapted to be engaged over said aperture to enclose it and adapted to engage the upper and lower surfaces of said body portion, threaded means on said clip member engaging said aperture, a plate member having a portion disposed between said clip member and said body member and having an aperture engaged by said threaded means, and a screw adapted to extend through said body member aperture from the rear to secure said clip member in place.

2,124,929
SCRAPING DEVICE FOR CONTAINERS
Donald Reid, Kingston, Jamaica, British West Indies
Application August 30, 1935, Serial No. 38,600
Renewed June 3, 1938
2 Claims. (Cl. 220—90)



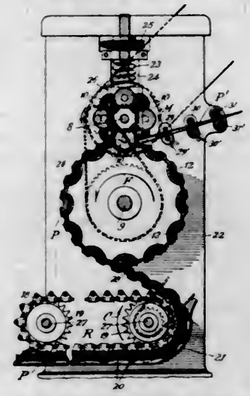
1. In a container having an open top and a cover therefor, a scraper fixture disposed within the container and formed of a sheet metal strip bent into two angularly disposed legs, one of said legs having a free extremity secured to a portion of the container structure adjacent the open top thereof, said secured leg being disposed in substantial parallelism to the wall of the container and being formed with an enlarged opening providing a socket for the reception of a tool for bending the fixture about said secured extremity as an axis to a position with said first leg disposed perpendicular to the wall of the container and with the remaining leg disposed above the level of the top of the container.

2,124,930
PACKAGE
Frederick Roselius, Great Neck, N. Y., assignor to George A. Krug Baking Company, Jamaica, N. Y., a corporation of Delaware
Application May 5, 1936, Serial No. 78,011
6 Claims. (Cl. 206—46)



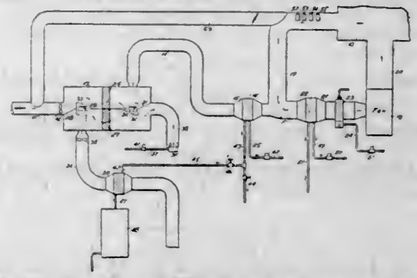
1. In a package, a tray-like member adapted to support the articles and having at least one joint in its bottom dividing the latter into two inwardly swingable parts, said member also having at each longitudinal marginal edge an upstanding flange, and a wraper enveloping said member, said wrapper, being under tension circumferentially of said member and pulling said flanges into engagement with the sides of said articles and holding the parts of said bottom in inwardly swung positions and thereby holding said joint up against the bottom of said articles.

2,124,931
METHOD AND APPARATUS FOR PRODUCING PACKING DEVICES
Gottfried Ruegenberg, Dusseldorf, Germany
Application March 17, 1937, Serial No. 131,499
In Germany March 20, 1936
8 Claims. (Cl. 93—37)



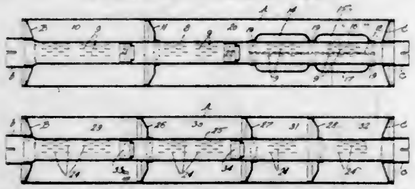
1. A method of producing a packing device, which comprises providing a web of paper and the like with depressions for the reception of the products to be packed by causing the roller elements of a male roller to press the web into the matrices of a female roller, and effecting an acceleration of the rotational movement of the male roller elements over that of the female roller matrices by arranging the centres of the former inside and the centres of the latter outside of the contacting circles of the rollers causing thereby the web to be drawn and rolled at points and lines into said matrices and preventing thus undue strain on the web.

2,124,932
AIR CONDITIONING SYSTEM
Willet E. Stark, East Cleveland, and James C. Patterson, Shaker Heights, Ohio, assignors to The Bryant Heater Company, Cleveland, Ohio, a corporation of Ohio
Application January 6, 1936, Serial No. 57,668
11 Claims. (Cl. 257—3)



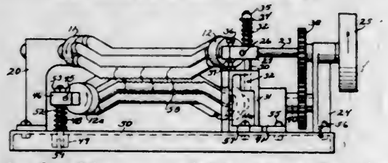
1. In an air conditioning system, means for recirculating air, a dehumidifier of the adsorption type arranged to deliver air into said recirculating system, a cooling means for the air delivered by the dehumidifier, and thermostatic means responsive to temperature changes only for controlling said dehumidifier and said cooling means, acting to cut off the cooling means whereby the dehumidifier acts as a heater when the temperature of the system falls below a predetermined point.

2,124,933
MUFFLER
Gail C. Starkweather, Kenmore, N. Y., assignor to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y.
Application June 14, 1937, Serial No. 148,067
8 Claims. (Cl. 181—48)



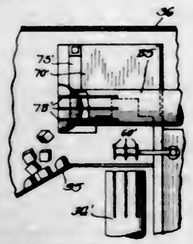
1. A muffler having a housing provided with an inlet and an outlet, a perforate conduit of substantially uniform diameter connecting said inlet and said outlet and arranged within said housing, a partition arranged in the space between said housing and said conduit and forming a chamber which communicates with the interior of said conduit through perforations therein, and a restriction in said conduit arranged in rear of all of those perforations communicating with said chamber.

2,124,934
MECHANICAL MOVEMENT AND SHREDDER
William E. Urschel, Valparaiso, Ind.
Application March 28, 1935, Serial No. 13,374
11 Claims. (Cl. 146—119)



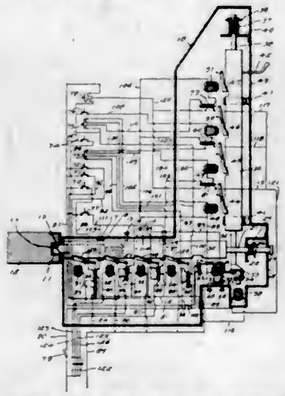
2. A shredder comprising opposed pairs of bearing blocks each pair of blocks being mounted for rotation on parallel non-coincident axes, and parallel bars between said blocks, each end of each bar being mounted upon one of said bearing blocks and for movement relative thereto, and means for rotating said blocks whereby to reciprocate said bars and to move them in parallel closed paths, the bars in one pair of blocks intersecting the path of the bars in the other pair of blocks, and the bars in the two sets moving in longitudinally opposite directions at the point of intersection.

2,124,935
FRUIT AND VEGETABLE CUTTER
William E. Urschel and Joe Richard Urschel, Valparaiso, Ind.
Application June 8, 1936, Serial No. 84,136
12 Claims. (Cl. 146—78)



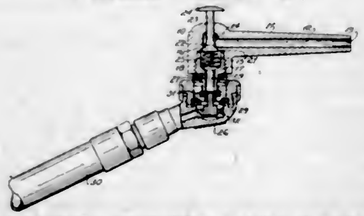
5. In an apparatus for cutting relatively whole fruits or vegetables, plunger means for projecting substantially whole fruits or vegetables, spaced cutting means disposed in the path of projection of the fruit or vegetable completely to sever the same, additional spaced cutting means lying in the path of projection of the fruit or vegetable upon which the fruit or vegetable so severed is adapted to be partially impaled, said second cutting means being disposed angularly with respect to said first cutting means, a second plunger means adapted to project the fruit impaled on said second cutting means therealong and additional cutting means disposed in the path of projection of the fruit or vegetable as projected by said second plunger and including a cutting means registering with the impaling means to complete the partial lines of severance formed by the impaling means and adapted to form complete lines of severance therethrough whereby to cut the fruit or vegetable into a plurality of predetermined sections.

2,124,936
ELECTRICALLY CONTROLLED LOCK
Harry A. W. Wehrs, Bangor, Wis.
Application March 28, 1938, Serial No. 198,559
8 Claims. (Cl. 70—141)



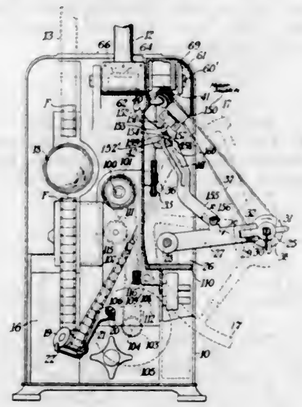
1. A lock having a bolt, a spring yieldingly impelling the bolt from bolting position, a plurality of pawls yieldingly impelled toward the bolt and engaging seats in the latter to retain the bolt in bolting position, electrically actuated retracting means for each of said pawls, and a plurality of switches individually controlling the electrically actuated retracting means and having their sequence of operation at variance with their sequence of position.

2,124,937
BLOWGUN
William S. Whittle, Cleveland, Ohio
Application January 8, 1936, Serial No. 58,123
2 Claims. (Cl. 284—17)



1. A blowgun comprising a valve chamber portion having an extension adapted to operatively connect said portion with an air chuck so as to unseat the valve thereof, a blowgun valve arranged in said portion, means for unseating said blowgun valve from exteriorly of said portion, a barrel extending from said portion, and means for connecting said portion with an air chuck of an air line with the said extension operatively related thereto and comprising a spring clip secured to said portion and extending longitudinally away from the same and adapted to pass beneath and embrace the body of the air chuck.

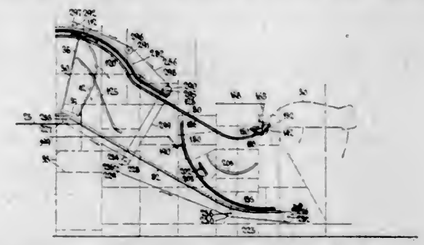
2,124,938
TAKE-UP AND REWIND ASSEMBLY FOR MOTION PICTURE PROJECTORS
Otto Wittel, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application December 17, 1936, Serial No. 116,362
12 Claims. (Cl. 242—55)



12. In a motion picture projector the combination with a support, a supply reel mounted thereon, a take-up arm pivotally mounted on the support, a spindle journalled thereon, a take-up reel on said spindle, frictional driving means for said spindle, said driving means normally supporting the take-up arm and its associated parts whereby the frictional engagement varies with the weight of film on the take-up reel, a rewind mechanism for driving the supply reel, a control lever for starting and stopping said rewind mechanism, of a means connecting the take-up arm and the control lever whereby the arm may be raised upon movement of the lever, the arm is prevented from flying upwardly during rewinding, and the arm is supported thereby upon failure of the frictional driving means to act as a support, said means comprising a bracket having one end connected to the control lever through a pin and slot connection, the other end of said bracket being pivoted to the take-up arm.

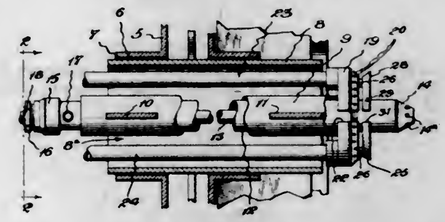
2,124,939
AMUSEMENT DEVICE
Edward A. Zebulske, North Tonawanda, N. Y.
Application October 7, 1936, Serial No. 104,487
13 Claims. (Cl. 104—53)

1. In an installation for amusement rides, an inclined trackway having an elevated front portion and being declined rearwardly, a passenger car having back and seating portions, means for supporting the car on the front portion of the trackway with the car back rearwardly facing the rearwardly declined track portion, means for guiding the car rearwardly down the inclined



trackway, and means in the car and trackway for varying the angular relation of the car with respect to the supporting path of the trackway.

2,124,940
COMBINATION OIL AND GAS BURNER
John S. Zink, Tulsa, Okla.
Application November 8, 1937, Serial No. 173,491
5 Claims. (Cl. 158—11)

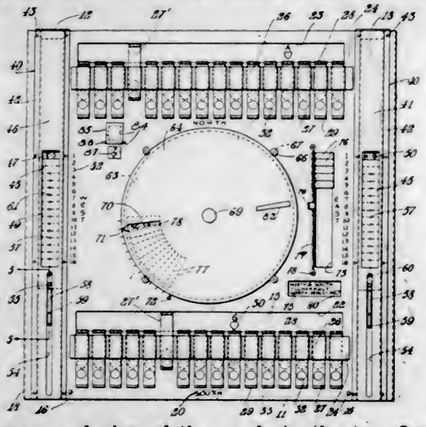


4. In a combination oil and gas burner assembly, a substantially annular gas burner head provided with gas emission means arranged in the front thereof, an oil burner head arranged forwardly of the gas burner head and positioned axially of the latter, and a substantially annular baffle arranged between said heads and positioned in front of said gas emission means, said baffle being shaped to divert gas flowing from said means forwardly and outwardly away from the oil burner head and to prevent oil discharged from the oil burner head from reaching said gas burner head.

2,124,941
GAME APPARATUS
Albert Ellis, New York, N. Y., assignor to Bridge Master, Inc., New York, N. Y., a corporation of New York
Application March 23, 1938, Serial No. 197,693
11 Claims. (Cl. 35—8)

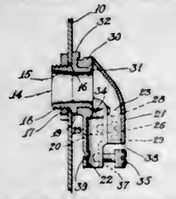
1. A card game adapted to be played by a single player and simulating a four-handed game normally played by four players, the game comprising a playing board having an opening adjacent to each marginal edge thereof, a sheet removably positioned on the lower surface of said playing board, the sheet being inscribed with representations of a plurality of playing cards in the areas defined by each of such openings, a cover plate for the cards in the hand adjacent to the player and in the hand opposite the player, and a movable cover plate for closing each of the two other openings, each of said latter plates having an aperture therein of such size as to uncover only one card representation at one time, the playing surface being marked with spaced numerical designations indicating sequence of

play of said latter hands and the sheet being marked with numerical designations indicating



sequence of play of the cards in the two first-mentioned hands.

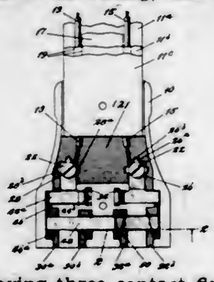
2,124,942
CONDUIT CONNECTER
Charles W. Barnard, Chicago, Ill., assignor to Kwikon Company, Chicago, Ill., a corporation of Illinois
Application May 6, 1936, Serial No. 78,075
3 Claims. (Cl. 285—6.5)



3. In a connecter the combination of a cylindrical hollow body member having an annular groove in the exterior surface thereof extending about said body member adjacent one end thereof, a generally cylindrical conduit receiving member disposed substantially at right angles to the axis of said body member and fashioned to receive the end of a conduit inserted therein, means for releasably holding said conduit receiving member in engagement with a conduit inserted therein, a generally ring-shaped extension on said cylindrical member and projecting into said annular groove thereby supporting the same for swiveling movement about the axis of said body member, and means independent of said first-named means for releasably holding said ring-shaped member in its adjusted position.

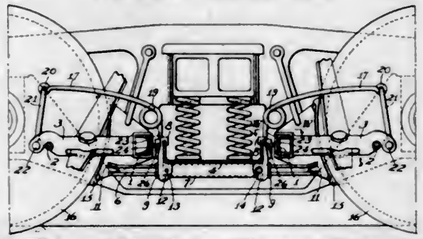
2,124,943
PENDANT RECEPTACLE
Ross G. Bennett, Fairfield, Conn., assignor, by mesne assignments, to Charles W. Abbott, Larchmont, N. Y.
Application December 15, 1934, Serial No. 757,728
8 Claims. (Cl. 173—334)

1. In a pendant receptacle, a recessed insulating casing divided longitudinally to form a pair of complementary casing members having cooperating recesses, a pair of one piece contact members stamped from sheet metal and seated in said recesses, certain of said recesses forming two pairs of passages in one end of the receptacle for the reception of the prongs of an attachment plug cap and certain other recesses forming a pair of passages in a side face perpendicular to the dividing plane of the casing, said contact mem-



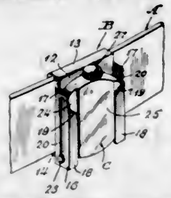
bers each having three contact fingers, each of said fingers extending laterally from the remaining body of its contact member into a passage of a different pair, said contact members being identical and interchangeable.

2,124,944
BRAKE BEAM LEVELER
Andrew F. Coulter, Wilkinsburg, Pa., assignor to Frederic Schaefer, Pittsburgh, Pa.
Application July 31, 1936, Serial No. 93,591
7 Claims. (Cl. 188—213)



1. The combination with a railway truck spring plank and a brake beam strut extending laterally from the plank, of a bracket connected to one side of the plank adjacent said strut and provided with a downwardly extending socket, a resilient rod disposed in said socket and having a portion extending laterally away from the plank, and means for connecting said last portion to the outer end of said strut.

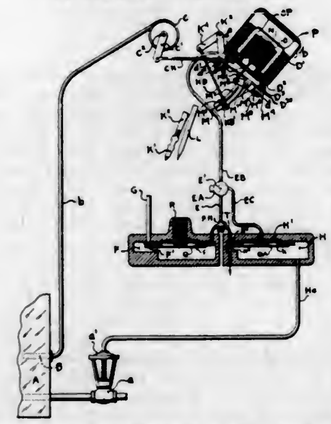
2,124,945
WATCH HOLDER CONSTRUCTION
William L. Gross, Brooklyn, N. Y.
Application October 6, 1936, Serial No. 104,167
7 Claims. (Cl. 58—88)



2. A holder construction comprising a rectangular sheet metal base, attachment means on said base to enable attachment of said base to an article of wearing apparel, holder means on said base to receive a watch or similar device to be worn about the person of the user, said holder

means being arranged to permit close positioning of the watch against the base and also optional separation of the watch from the base without detachment from the base to permit consultation thereof, said holder means consisting of flanges extending outwardly from said base, said flanges having portions at the ends thereof to hold said watch against said base, which portions terminate substantially short of one side of said flanges, and said watch being provided with means pivotally engaging said flanges.

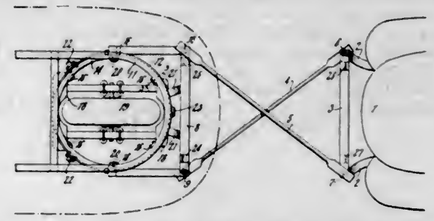
2,124,946
PNEUMATIC CONTROL APPARATUS
Thomas R. Harrison, Wyncote, and Frederick W. Side, Philadelphia, Pa., assignors to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 12, 1933, Serial No. 693,388
Renewed October 2, 1936
30 Claims. (Cl. 236—82)



1. In control apparatus, the combination of a device adjusted to different positions in accordance with changes in a variable controlling condition, a stationary air pressure nozzle, a closure member therefor adjustable to regulate the air pressure in said nozzle, means through which a movement of said device from one position to another adjusts said closure member to vary said pressure in a direction depending upon the direction of said movement, and follow-up adjustment mechanism operating through said means independently of the device and directly actuated by a change in said pressure to adjust said closure member to partially neutralize said change.

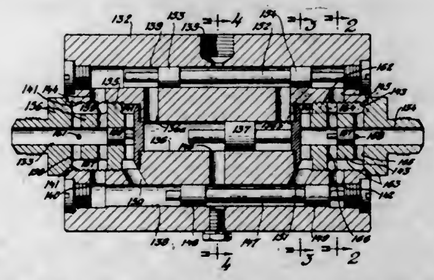
2,124,947
STEERING COUPLING FOR TRAILER VEHICLES
Robert D. Henderson, New York, N. Y.
Application January 29, 1937, Serial No. 122,909
6 Claims. (Cl. 280—33.5)

1. In combination with a towing vehicle and a trailer vehicle, a pair of towing rods crossed intermediate their length and extending between the said vehicles, spaced towing couplings mounted on said towing vehicle, a pivotal connection between each of said rods and a respective coupling, a stop member carried by said towing vehicle and limiting the angular movement of one of said towing rods with respect to said towing vehicle, a dirigible wheel assembly on said trailer, spaced towing couplings carried by said wheel assembly, a pivotal connection between each of said rods and a respective wheel assembly towing coupling, and a stop member mounted on



said wheel assembly and limiting the angular movement of the other of said towing rods with respect to said wheel assembly.

2,124,948
FEEDER FOR REVERSIBLE FLUID SYSTEMS
David R. Hillis, Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio, a corporation of Ohio
Application May 9, 1936, Serial No. 78,784
3 Claims. (Cl. 184—7)



1. A lubricating device comprising a body provided with a delivery port, a pair of dual-service ports, a pair of flow-control chambers, one communicating directly with one dual-service port and the other with the other dual-service port, a floating valve in each of said chambers adapted to prevent flow of lubricant under pressure into the innermost portion of its associated control chamber from its associated dual-service port and to permit lubricant entering the innermost portion of its associated control chamber to flow out through its associated dual-service port, a cylinder and a piston in said cylinder, a communicating passageway opening to both of said control chambers and communicating with said delivery port, a duct at each end of said cylinder communicating with said communicating passageway, valve means in said communicating passageway controlling the lubricant supplied to said cylinder under pressure and controlling the discharge therefrom of the measured quantity of lubricant, a second communicating passageway opening to said control chambers near the outer portions thereof, a duct connecting said second communicating passageway with said cylinder, a by-pass duct near each end of said second communicating passageway, each by-pass duct permitting flow of lubricant from said second communicating passageway to the inner portion of its associated flow-control chamber, and valve control means adapted to block said second communicating passageway to the continued flow of lubricant entering from one of said control chambers and to direct lubricant entering

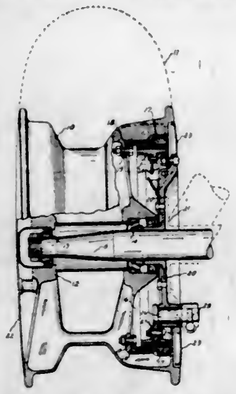
said second passageway from said cylinder to pass from said second passageway into the other control chamber.

2,124,949

BRAKE MECHANISM

Charles Hollerith, Jackson, Mich., assignor to Hayes Industries, Inc., Jackson, Mich., a corporation of Michigan

Application March 17, 1934, Serial No. 716,066
7 Claims. (Cl. 188—79.5)



1. In a brake mechanism, the combination with a braking member having a guide portion, of a brake drum, means for expanding and retracting said member within said drum, a backing plate, an adjustable guiding stop for regulating the clearance between said drum and member with the latter in a retracted position, said stop being pivoted upon the inside of said plate for movement in a radial plane and having a channel portion as a unitary part thereof constituting a seat for said guide portion for guiding and centering said braking member, and means extending through said backing plate and manipulated from the the outside thereof engaging said stop to rock the same upon its pivot to vary the adjustment.

2,124,950

FORMED MINERAL MIXTURE

Merle Douglas Knapheide, Paul Caldwell, and Wallace P. Elmslie, Quincy, Ill., assignors to Moorman Manufacturing Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application December 22, 1930, Serial No. 504,212
6 Claims. (Cl. 99—6)

1. The method of manufacturing formed mineral matter for feeding which comprises adding to finely divided mineral matter a quick acting bonding material and a slow acting bonding material and forming the same.

5. The method of manufacturing formed mineral feed which comprises mixing the feed and during the mixing operation spraying thereon hot paraffin, blackstrap molasses and hydrol, admixing the paraffin, blackstrap molasses and hydrol thoroughly into the mineral mixture, and forming the mixture into blocks under pressure.

2,124,951

METHOD OF CONCENTRATING SERUM

George Watson Little and Abraham J. Klein, New York, N. Y.; said Klein assignor to said Little

No Drawing. Application November 16, 1935, Serial No. 50,154
7 Claims. (Cl. 167—78)

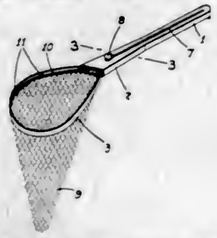
1. In a method of concentrating canine distemper serum of virus origin, the steps which comprise separating serum from blood, acidifying the serum to obtain a pH of 5.0 or less, and adding a zinc salt of a low molecular weight fatty acid to the serum-containing solution to effect a precipitation of objectionable matter therefrom.

2,124,952

FISH NET

Rolla V. Norris and Omer G. Avery, Porterville, Calif.

Application July 29, 1935, Serial No. 33,670
1 Claim. (Cl. 43—12)



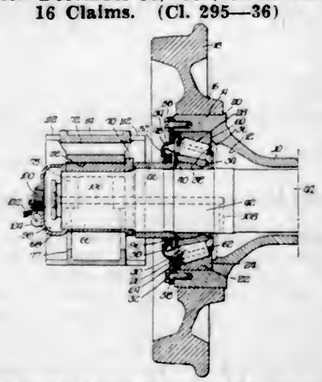
A fish landing net comprising a hollow handle, a collapsible frame projecting from one end of the handle and comprising a resilient flexible metal band having its ends adjacent but spaced from each other and projecting into the handle, a net for the frame, means to collapse and withdraw the frame into the handle, and means removably securing the net on the frame and comprising a plurality of eyes spaced about the band on the inside thereof, a resilient flexible wire one end of which may be removably threaded through the upper loops of the net and slidably projected through the eyes; the other end of the wire being formed with an eye through which said one end of the wire slidably and removably projects; said ends of the wire being disposed outwardly of the net and between the end portions of the band adjacent the handle, whereby the wire may collapse with the frame and be drawn into the handle with said frame.

2,124,953

ROLLER BEARING

Alfred H. Oelkers, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey

Application December 30, 1933, Serial No. 704,617
16 Claims. (Cl. 295—36)



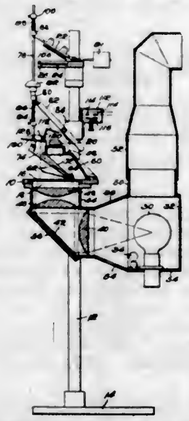
1. In a wheel and axle assembly, the combination of radially spaced axles, a wheel mounted on the outer of said axles, an anti-friction bearing assembly disposed between said axles, a substantially cylindrical bearing sleeve slidably mounted on and closely fitting over the journal end of the inner of said axles and being spaced from the end thereof to provide a lubricant recess, and a journal box mounted on said bearing sleeve and being provided with a seat disposed above said inner axle, said sleeve cooperating with said bearing assembly and said journal box for transmitting end thrust therebetween.

2,124,954

PHOTOGRAPHIC ENLARGING AND PRINTING MACHINE

Paul S. Pirmov, Cambridge, Mass., assignor, by mesne assignments, to Max B. Klubock, and himself, both of Boston, Mass., trustees

Application February 14, 1935, Serial No. 6,531
8 Claims. (Cl. 88—24)



1. In a photographic enlarging and printing machine, a transparent flat support against which a negative may be placed, an enlarging lens immovably fixed in spaced relationship from said support, a source of illumination sufficient to render visible to the operator the image on a negative placed on said transparent flat support, means for intensifying the illumination for purposes of exposure, side walls and a back wall projecting downwardly from said enlarging lens and largely encompassing space in the line of vision of the operator between said support and said enlarging lens to confine largely through said lens the light emanating from said source of illumination, a movable shutter normally in the path of the light emanating from said lens, a movable shield for largely blocking off light from the front of said encompassed space, said shield being movable out of light-blocking position to leave the negative fully exposed to the view of the operator while said source of illumination is in non-intensified condition and being movable into light-blocking position while said source of illumination is intensified, means for simultaneously withdrawing the shutter from the path of the light emanating from said lens and for moving said shield into light-blocking position, and a single manually manipulable means for actuating said last-named means.

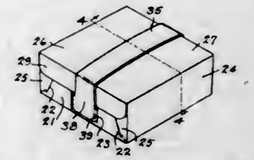
2,124,955

CARDBOARD CARTON

William Romano Quagliotti, Victoria, British Columbia, Canada

Application May 13, 1936, Serial No. 79,518
9 Claims. (Cl. 229—36)

7. In a one-piece foldable box of the class described, means forming a rectangular bottom and four sides, two oppositely positioned sides having slots therein; two cover flaps connected with the other two oppositely positioned sides of said box; end flaps on said cover flaps adapted to extend over the slotted sides of the box when the cover



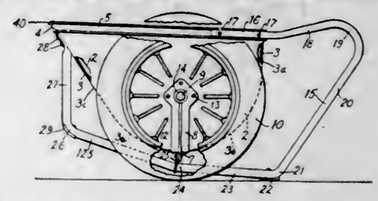
flaps are closed; and a relatively flat strap-like handle extending across the top of said box and downwardly over said end flaps and over the sides of said box and attaching means on the ends of said handle adapted to engage within the slots in the sides of said box.

2,124,956

CONCRETE CART

Ralph R. Roemer, Cleveland, Ohio, assignor, by mesne assignments, to Harry R. Canfield, Cleveland, Ohio

Application July 29, 1936, Serial No. 93,192
3 Claims. (Cl. 280—51)



1. A cart comprising a body, a pair of supporting side wheels, a hanger element having a portion extending transversely under the body and side portions extending upwardly on opposite sides thereof and having wheel bearing elements thereon, a frame element extending longitudinally under the body and secured at an intermediate portion to the transverse portion of the hanger element and extending forwardly therefrom and secured at its forward end portion to the body and extending rearwardly therefrom to provide a handle and having its rearward end portion secured to the body, the forward portion having a bend therein to provide a pivot on which the body may be rocked to empty its contents.

2,124,957

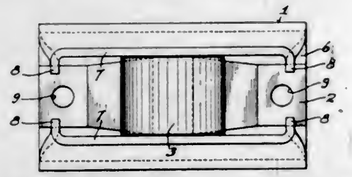
PURIFYING MAGNESIUM

Georg Schichtel, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa., a corporation of Delaware

No Drawing. Application June 12, 1936, Serial No. 84,909. In Austria August 2, 1935
9 Claims. (Cl. 75—67)

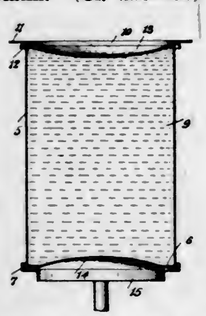
1. The method of purifying magnesium, which comprises intimately mixing the molten metallic material with a solid practically chlorine-free refining agent substantially consisting of fluorine compound which, at the melting or casting temperature, becomes vaporized or decomposed with the liberation of at least one fluorine-containing vaporous or gaseous constituent, while adding the said fluorine compound in an amount sufficient to effect the required purifying action as the refining agent proper.

2,124,958
SIDE BEARING
Arthur B. Severn, Pittsburgh, Pa., assignor to A. Stucki, Pittsburgh, Pa.
Application October 9, 1935, Serial No. 44,177
4 Claims. (Cl. 308—226)



1. A side bearing for railway cars, comprising a one-piece housing formed of a plain flat rolled metal plate bent to form a base and roller-retaining side and end walls, the upper portions of said side walls being offset inwardly from the sides of said base, and a formed metal plate mounted on said base of the housing and provided in its upper face with a roller-guiding depression.

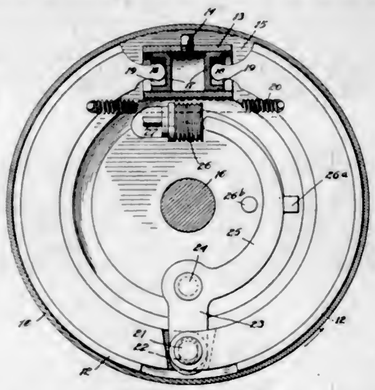
2,124,959
METHOD OF FILLING AND CLOSING CANS
William Martin Vogel, Bloomfield, N. J.
Application August 8, 1936, Serial No. 94,895
1 Claim. (Cl. 226—82)



In the method of filling a can, the steps of depositing the contents in the can, applying a pre-shaped dished top on the can with the convex side of said top directed inwardly or toward the inside of the can, mechanically forcing inwardly by external pressure an outwardly bulged bottom on the can without changing the direction of curvature of the dished top to cause the contents of the can to be moved bodily toward the top of the can and to cause said bottom only to assume a reverse curvature and become concaved while the cover maintains its pre-shaped dished condition and is in place on the can but unsealed thereon, and then sealing the can.

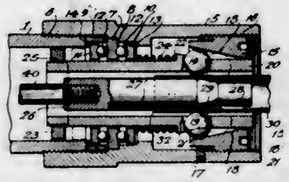
2,124,960
MEANS FOR INDICATING BRAKING ACTION
Robert W. Waring and Richard J. Fahey, Evanston, Ill.; said Waring assignor to said Fahey
Application December 14, 1928, Serial No. 325,962
Renewed December 24, 1937
7 Claims. (Cl. 265—24)

1. A brake comprising, in combination, a brake drum, a brake shoe arranged to engage said drum, a fixed support, a yieldable abutment mounted on said support, a lever pivotally mounted on said support, said lever having one arm having a pin and slot connection with said shoe and having a second arm coacting with said yieldable abut-



ment, means connected with said abutment for for indicating the yield thereof.

2,124,961
METAL DRAWING DEVICE
Louis H. Brinkman, Glen Ridge, N. J; Laura Brinkman administratrix of Louis H. Brinkman, deceased, assignor of one-third to Laura Brinkman and one-third to Blanche Moriarty, both of White Plains, N. Y., and one-third to Natalie B. Cocke, Birmingham, Ala.
Application January 28, 1933, Serial No. 653,950
12 Claims. (Cl. 80—12)

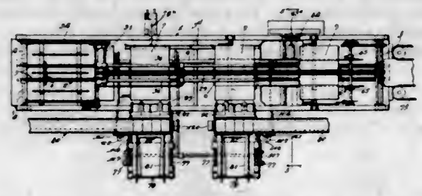


1. In a tube drawing head, in combination: a mandrel formed of two cylindrical portions, one larger in diameter than the other, joined by substantially a frustum of a cone, means for holding and adjusting the mandrel longitudinally; a plurality of balls arranged in a circle about the mandrel; an annulus formed with an inside sloping face substantially parallel to the slope of the frustum and of larger internal diameter at the end in the direction of the base of the frustum; a casing; means for rotating the casing; a thrust bearing carried by the casing; a ball cage engaging the balls; two stops, oppositely disposed, on the ball cage, one, directly engaging the thrust bearing limiting the travel of the balls down the slope of the annulus toward its smaller internal diameter, the other, limiting the travel of the balls toward the larger internal diameter end of the annulus.

2,124,962
CASE LOADER
John L. Ferguson and Richard C. Talbot, Joliet, Ill., assignors to J. L. Ferguson Company, Joliet, Ill., a corporation of Illinois
Application March 30, 1936, Serial No. 71,667
20 Claims. (Cl. 93—6)

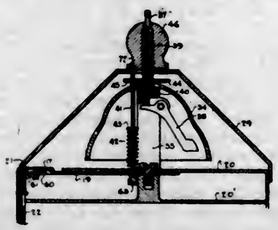
1. A case loader comprising means for positioning an open case, means for directing con-

tainers to form a group adjacent said case, means to insert said group, guide means automatically insertable between said group and the remaining



containers to guide said group, and means for maintaining said guide means substantially stationary during movement of said group from assembled position.

2,124,963
DEVICE FOR NAPKIN DISPENSERS, GUEST'S ANNOUNCERS, AND ADVERTISING MEANS
Otto A. Kaparin, Garfield, and Simon Rappaport, Passaic, N. J.; said Rappaport assignor to Fannie Rappaport, Passaic, N. J.
Application April 8, 1937, Serial No. 135,686
3 Claims. (Cl. 220—35)



1. In a device of the class described, a housing provided with a double roof spaced apart, the upper roof member of said double roof having one edge formed as a flap and depending at the front of said housing, said flap being made with an opening at the center thereof, a spring formed with a lug upon its upper surface and arranged in said opening, a door made with a cut-out portion therein and being secured to the front of the housing, the upper end of the door being formed with an inwardly extending projection terminating in a bent portion adapted to engage the lug upon the aforesaid spring, a slide actuated by a coiled spring and movable upon the inner side of the door, said slide terminating at its upper end in an inwardly bent portion adapted to engage the spring proper, whereby to open the door, when said slide is pulled down, and the grip of the first said inwardly projecting portion upon the lug is released.

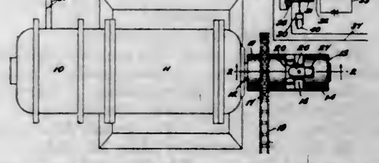
2,124,964
CHUTE
Albert N. Klyver, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Application June 20, 1936, Serial No. 86,325
1 Claim. (Cl. 193—32)

An inclined chute for shoe lasts having bottom and side walls of yieldable material and an open front wall, a curtain of flexible material and means for suspending the curtain at its upper end adjacent the open front wall, the lower end of said curtain normally resting upon the bottom wall of the chute, said means being adjustable to determine the distance of the upper end of the curtain



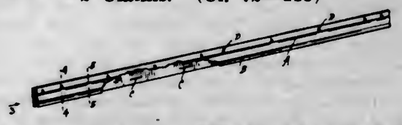
from the front wall and the amount of the lower end of the curtain resting upon the bottom wall.

2,124,965
ALARM MECHANISM FOR SHEAR-PIN COUPLINGS
Arthur C. Lind, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 7, 1937, Serial No. 152,419
7 Claims. (Cl. 192—150)



1. In mechanism of the class described, a power transmitting coupling including driving and driven elements and a shear pin normally connecting said elements; a control means adjacent said coupling; an actuating member for said control means movably carried by said driving element independently of the shear pin, having a portion arranged to be moved to and from a position in which it may coact with said control means; and means carried by said driven element arranged through relative movement between said elements upon rupture of the shear pin to move said actuating member to actuating position.

2,124,966
MOUNTING STRIP FOR LATH STAYS
Earl F. Smith and Guy Kenneth Wilson, Muncie, Ind., assignors to Midwest Metal Products Company, Muncie, Ind., a corporation of Indiana
Application February 7, 1938, Serial No. 189,080
2 Claims. (Cl. 72—118)



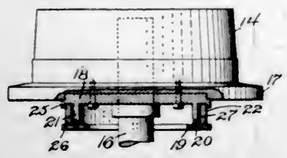
1. A mounting-strip of the kind described, consisting of a length of sheet metal bent upon itself into U shaped formation in cross section, one leg thereof having a reverse bend therein to con-

stitute a longitudinal rib and a longitudinal flared lip, and there being spaced indentations in the opposite leg of said strip to constitute interior ridges thereon, substantially as shown and described.

2,124,967

WIRE DRAWING DRUM

George Woodward, West Orange, N. J., assignor to Igoe Brothers, Newark, N. J.
Application November 22, 1935, Serial No. 50,998
Renewed January 4, 1938
1 Claim. (Cl. 205—20)

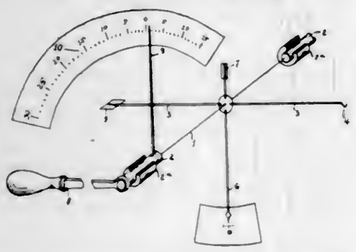


A drum for wire-drawing machines comprising a top plate and a bottom plate, one of said plates having an annular wall extending to the other plate, means for securing said plates together, a sectional slip-ring surrounding said wall, said ring having a recess on the bottom edge of its outer wall, a flange on the bottom plate and fitting said recess, a flange on the top plate overlapping the top edge of the ring, and a resilient medium between the wall and the ring.

2,124,968

TORSION BALANCE

Emil Adolf Ahrndt and Hermanus Wilhelmus Söndagh, Nijmegen, Netherlands, assignors to Naamlooze Vennootschap Vereenigde Draadfabrieken, Nijmegen, Netherlands
Application May 29, 1935, Serial No. 24,014
In the Netherlands May 30, 1934
4 Claims. (Cl. 265—59)

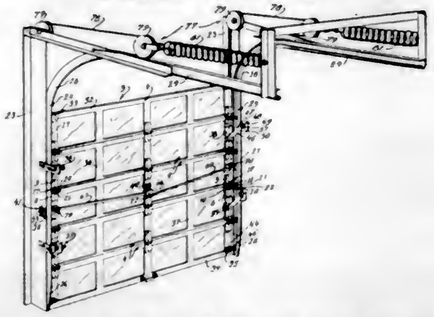


1. An apparatus for indicating the weight of an article by the degree of torsion occurring in a torsion body by the articles being weighed, said apparatus comprising in combination, a pair of clamps, one of said clamps being rotatable, means for rotating said clamp, a straight shaft of small cross section constituting the torsion body having its extremities directly secured in and to said clamps, a balanced rigid balance beam fixedly supported between the ends thereof upon said torsion body between the ends of the latter, said beam being adapted to be loaded at one end with the article to be weighed, means rigid with said balance beam indicating the zero position of the latter in unloaded condition, and means indicating the degree of torsion of the torsion body after returning the loaded balance beam to the zero position.

2,124,969

OVERHEAD GARAGE DOOR CONSTRUCTION

Wallace E. Bagley, Glenside, and Harry H. Bartel, Philadelphia, Pa., assignors to Huck-Gerhardt Company, Inc., Philadelphia, Pa.
Application March 25, 1936, Serial No. 70,736
2 Claims. (Cl. 20—20)



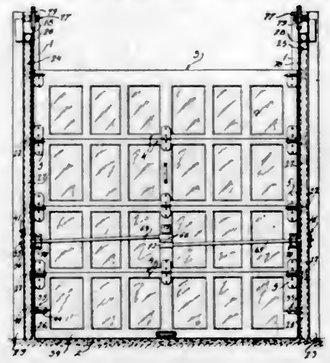
1. A door structure of the character described comprising in combination: a door frame extending vertically from the ground; an overhead door movable to an initial closing position and then to a final closing position towards the door frame and towards the ground, said door consisting of a central panel, intermediate panels, a lower panel, and an upper panel respectively hinged together; guide tracks for the door panels each including a lower inclined portion converging towards the door frame, an intermediate straight vertical portion extending in paralleling spaced relation to the door frame, and an upper curved portion directed away from the door frame; rollers connected to the panels and disposed for riding engagement with said tracks to guide the door to its initial closing position, certain of said rollers being disposed at the bottom section of the lower panel for contact with the inclined portion of the tracks, and others of said rollers being arranged at the top section of the upper panel for contact with the curved portion of the tracks when the door reaches its initial closing position; cam plates arranged in spaced relation along the vertical portion of the tracks; closing elements yieldably carried by the intermediate panels and adapted to engage said cam plates when the door reaches its initial closing position; and a device mounted on the central panel and having a double cam action with said tracks whereby to force said central panel against the door frame and, at the same time, urge the door as a whole towards the ground, thereby drawing the mentioned rollers into wedging engagement with the inclined and curved portions of the tracks for forcing the door and upper panels against the door frame and simultaneously drawing the closing elements into wedging engagement with said cam plates for forcing the intermediate panels against the door frame, thus moving the door to its final closing position.

2,124,970

CLOSING AND LOCKING DEVICE FOR OVERHEAD GARAGE DOORS

Wallace E. Bagley, Glenside, Pa., assignor to Huck-Gerhardt Company, Inc., Philadelphia, Pa.
Original application March 25, 1936, Serial No. 70,736. Divided and this application June 5, 1936, Serial No. 83,616
1 Claim. (Cl. 292—40)

In an overhead garage door movable on guide tracks to an initial closing position and then to a final closing position towards the door frame and towards the ground, a mechanism for moving the door from its initial closing to its final closing position comprising: devices slidably carried by the door and each having two right angularly disposed camming surfaces, one of said surfaces being disposed at an angle to the door frame and the other of said surfaces being disposed at an angle to the ground; means including elements mounted in the tracks and positioned thereon



to be engaged by said devices when the door reaches its initial closing position and to coact with the camming surfaces of said devices for simultaneously urging the door towards the frame and towards the ground, thus moving said door from its initial closing position to its final closing position; and means associated with said elements for their vertical and horizontal positioning with respect to said devices whereby to regulate the cam actions of the latter in simultaneously urging the door towards the frame and towards the ground.

2,124,971

LIQUID DENTIFRICE

Harry Eisenberg and Anthony J. Zolenas, Jr., Baltimore, Md.
No Drawing. Application August 3, 1936, Serial No. 94,056
7 Claims. (Cl. 167—93)

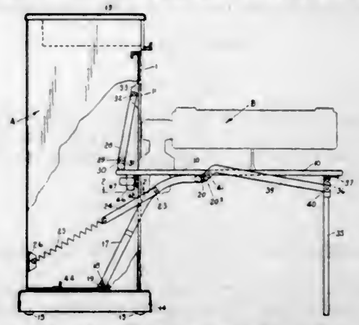
5. A dentifrice comprising a solution of castile soap dissolved in a solvent selected from the group consisting of the propanediols, 1,2-butanediols, 1,3-butanediol, 2,3-butanediol, 1,4-butanediol, 1,2-ethanediol, and 2-methyl-1,3-propanediol as the principal solvent for the castile soap.

2,124,972

CABINET IRONER

Edward Engel, Bloomington, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application December 28, 1936, Serial No. 117,834
12 Claims. (Cl. 312—27)

1. In a structure of the character described, the combination with a cabinet, of an elongated instrument or a like unit movable into and out of the cabinet and adapted to occupy a vertical position in the cabinet and a horizontal position outside of the cabinet, link means pivotally connected at opposite ends to the cabinet and to the unit adjacent its center of gravity, for supporting and guiding said unit in its movement from one position to the other, link means pivotally connected at opposite ends respectively to the cabinet above the unit, when it is disposed in horizontal position, and to the rear end of said unit for assisting in guiding the latter in its movement from one position to another, and a

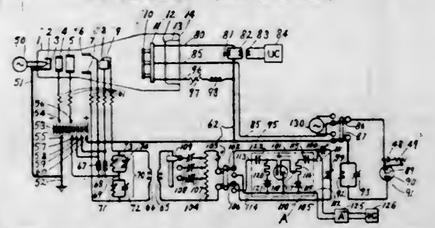


supporting leg hingedly connected to the unit adjacent the forward end for supporting said end of said unit when it is withdrawn from the cabinet.

2,124,973

WAVE TRANSLATING METHOD AND CIRCUITS

Justin L. Fearing, Scarsdale, N. Y.
Application November 13, 1936, Serial No. 110,766
25 Claims. (Cl. 250—36)



1. The method of producing electric impulses, which comprises producing a space discharge in the form of a beam of electric carriers, periodically deflecting said beam over any chosen one of a plurality of predetermined paths, causing the deflecting beam to commutate electric current in said chosen path at a predetermined frequency, and utilizing the beam simultaneously to commutate current at a different predetermined frequency.

2,124,974

CONTACTOR ELEMENT

Franz R. Hensel, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Application February 5, 1937, Serial No. 124,231
6 Claims. (Cl. 219—4)

1. An electrical contacting member composed of .25 to 10% cadmium, 0.5 to 7% nickel, 0.2 to 3% silicon and the balance substantially all copper.

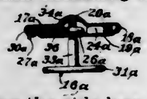
2,124,975

SEPARABLE BUTTON

Jakob Hojnowski, Nekoosa, Wis.
Application August 13, 1937, Serial No. 158,984
3 Claims. (Cl. 24—100.5)

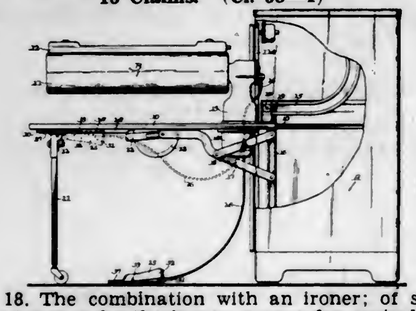
1. In a separable button of the character described, head and base sections, a separable interlocking connection between the sections including a pin carried by the base section and resil-

ient means engageable therewith and slidably carried by the head section, the pin having a spear-shaped head defining a base shoulder and the resilient means including a U-shape resilient



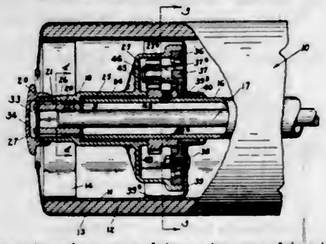
wire catch having the side legs straddling the pin, and the outer closed end of the catch constituting a finger-piece for slidably disengaging the legs from the pin.

2,124,976
COMBINATION CONTROL DEVICE FOR IRONERS
Joseph W. Jensen, Chicago, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application June 3, 1936, Serial No. 83,237
18 Claims. (Cl. 38—1)



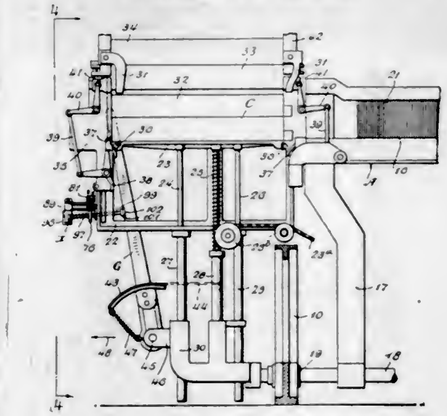
18. The combination with an ironer; of support means for the ironer; means for controlling the operation of the ironer, including a leg operated member; means for readily detachably securing said member to the support means; and means flexibly connecting the leg operated member and ironer, whereby said ironer may be operably controlled either by the knee, when the member is carried on the support means, or by the foot when said member is detached from the support means and resting on the floor.

2,124,977
MULTISPEED ROLL FOR IRONERS
Joseph W. Jensen, Chicago, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application November 13, 1936, Serial No. 110,561
14 Claims. (Cl. 38—65)



7. In an ironing machine, in combination, a rotatable roll having support means and driving mechanism at one end of the roll, selectively adjustable means carried in said roll for driving it at different speeds, and means for connecting said selectively adjusting means and said driving mechanism.

2,124,978
PICKER CONTROL FOR AUTOMATIC LOOMS
Henry Downer Johnson, Jr., and Woodruff T. Sullivan, Norwich, Conn., assignors to J. B. Martin Company, Norwich, Conn., a corporation of Delaware
Application December 12, 1936, Serial No. 115,462
7 Claims. (Cl. 139—225)

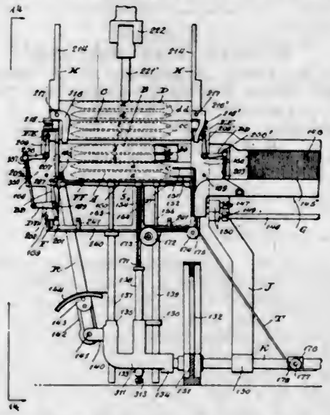


1. A picker control mechanism for shuttle box change looms, said looms being of the type which have an indicating box to receive the shuttles at one side of the loom, said boxes being provided with electrical feeler mechanisms and with a circuit connected to said feeler mechanisms, which is closed when the weft is almost exhausted and having a changing box at the other side of the loom in which the shuttles are received when thrown from said indicating box across the shed, which changing box is replaced by another changing box having fresh shuttles when the weft is exhausted upon the operating shuttles, which comprises means for moving the pickers on the change side of the loom inside of their normal position to stop the shuttles inside of their normal stopping position, means actuated by closure of said circuit to actuate said last mentioned means, and means for returning the pickers and moving them outwardly from the shuttles after the shuttles have stopped.

2,124,979
AUTOMATIC LOOM
Henry Downer Johnson, Jr., and Woodruff T. Sullivan, Norwich, Conn., assignors to J. B. Martin Company, Norwich, Conn., a corporation of Delaware
Application February 9, 1937, Serial No. 124,802
29 Claims. (Cl. 139—224)

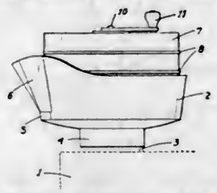
1. In an automatic shuttle box changing loom of the type having a lay reciprocating between a front position and a rear position, operating and reserve shuttles, a shed, an indicating box and a plurality of replaceable changing boxes, said indicating box and one of said replaceable boxes being on opposite sides of the lay to receive the shuttles, pickers to throw said operating shuttles from the indicating box to said one of the changing boxes through and across the shed as the lay reciprocates between successive front positions, an electrical circuit, contact means to close said circuit when the filler carried by said operating shuttles is almost exhausted, reserve shuttles being held in replaceable boxes above the changing box receiving the operating shuttle and

the lowermost replaceable box serving to replace said changing box receiving the operating shuttle when the filler on the operating shuttle is almost exhausted; the combination therewith of means to replace said operating shuttle box by a reserve shuttle box actuated when said circuit is closed by said contact means to cause the operating shuttle box to move out of operating position when the operating shuttles are in the changing box from the indicating box, and to cause a re-



serve shuttle box to move into operating position in the interval between the time the exhausted operating shuttles are received in the changing box and the reserve shuttles are thrown from the new operating shuttle box to indicating box and a control device to complete said change and restore said last mentioned means to initial position by the time when said new operating shuttle is thrown back to and received in the new operating changing box.

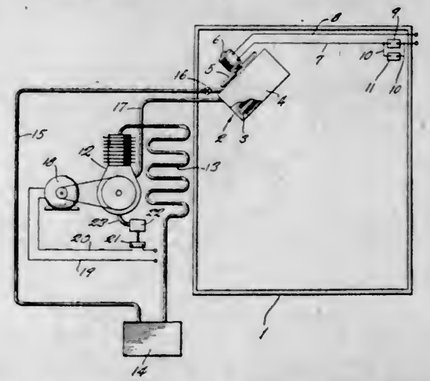
2,124,980
CAN SPOUT AND METERING UNIT
John R. Kent, Stockton, Calif.
Application July 26, 1937, Serial No. 155,706
5 Claims. (Cl. 221—69)



1. A dispensing spout for attachment to the discharge neck of a supply container comprising a bowl having a spout formed on one side thereof, a skirt open to and depending from the bowl for coupling engagement with the neck of the container, and a vessel to receive material as poured from the spout adapted when not in use to fit within the bowl to form a closure over the open neck of the container.

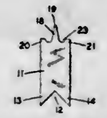
2,124,981
REFRIGERATING METHOD AND APPARATUS
Hermann J. Krackowizer, Chicago, Ill.
Application June 15, 1936, Serial No. 85,204
8 Claims. (Cl. 62—4)

1. In a refrigerating system, the combination of a heat exchange unit, a device which supplies a refrigereant to said unit for absorbing heat, a continuously operable impeller by which circulation is maintained continuously through said unit of a medium from which heat is extracted by the refrigerant, and a thermostatic control re-



sponsive to changes in the temperature of said medium and operable to vary the speed of the continuously operable impeller to regulate the volume of the continuously circulating medium that is supplied to said unit.

2,124,982
FORM CLIP
Frederick G. Kugel, Bloomfield, N. J., assignor to The M. W. Kellogg Co., New York, N. Y., a corporation of Delaware
Application March 20, 1937, Serial No. 132,173
5 Claims. (Cl. 72—122)

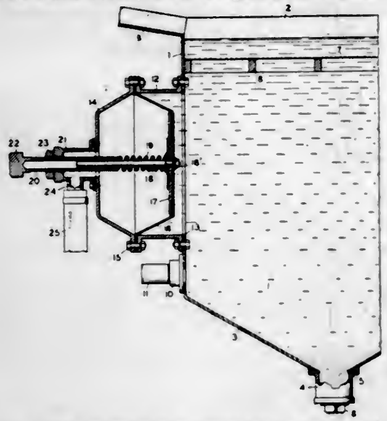


1. A form clip adapted to be welded to metal structure members for the support of forms or guides in spaced relation thereto comprising a flat body of weldable material having one end extended longitudinally to form a spike adapted for limited penetration into the form or guide, and the opposite end cut irregularly to provide extended portions bendable transversely of the plane of said body to form feet adapted for engagement with the surface of the structure member for the purpose of welding thereto, the sides of said extended portions being formed to engage in abutting relation the adjacent surfaces at the corners of said structure members.

2,124,983
AGITATOR
Joseph Martin, San Francisco, Calif.
Application August 30, 1937, Serial No. 161,555
1 Claim. (Cl. 259—98)

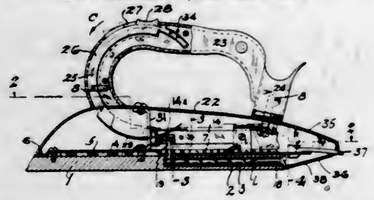
An agitator for gravitational ore concentrating jigs comprising a chamber; a diaphragm closing said chamber and in operative relation to the mass to be agitated; means for providing a pulsating pressure in said chamber to reciprocate said diaphragm; a stem attached to said diaphragm and extending across said chamber; a hollow regulating member threaded in said

chamber and arranged to telescope over the free end of said stem; and a spring interposed be-



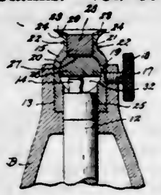
tween said regulating member and said diaphragm and encircling said stem.

2,124,984
ELECTRIC IRON
Paul J. McCullough, St. Louis, Mo., assignor to Joseph Pavelka, Sr., St. Louis, Mo.
Application March 28, 1936, Serial No. 71,401
13 Claims. (Cl. 219—25)



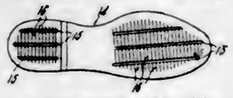
1. In an electric smoothing iron, a sole plate, a light metal sheet overlying said sole plate and cooperating with the top face thereof to form a shallow housing, a heating element enclosed in said housing, and a thermostatic member for controlling current to said element located beneath said top face of said sole plate and between said element and the smoothing surface of said sole plate.

2,124,985
MOTOR DRIVEN HAIR CUTTING IMPLEMENT
Barney B. Nyhagen, Bronx, N. Y.
Application July 14, 1936, Serial No. 90,555
5 Claims. (Cl. 30—43)



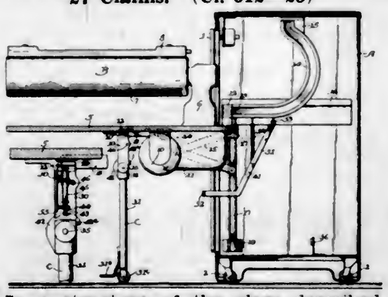
2. A shaving device comprising a toothed stationary cutter member having a recess therein, and a toothed movable cutter member reciprocably mounted in said recess and having substantially its teeth only overlying the teeth of said stationary cutter member, the underside of the teeth of said movable member engaging against the outer surface of the teeth of said stationary member and the outer surface of the teeth of said movable cutter being adapted to directly engage the skin, the teeth of said stationary cutter member being integral therewith and the outer surface of said movable member being wholly free of overlying portions of said shaving device whereby all of said outer surface is directly engageable with the skin.

2,124,986
RUBBER SOLE AND HEEL
Walter L. Pipes, Elizabeth, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application June 13, 1936, Serial No. 85,072
6 Claims. (Cl. 36—59)



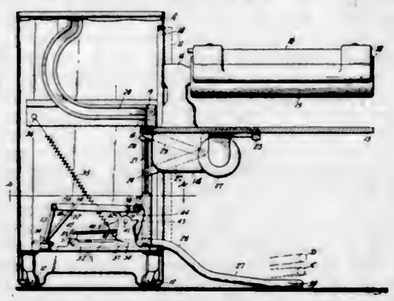
1. In a shoe, a vulcanized flexible rubber composition tread having a tread surface provided with a multiplicity of incisions so as to provide individual tread sections having tread surfaces, the walls of said incisions being normally in contact and the tread surfaces of said sections presenting a substantially continuous surface when the tread is at rest, said incisions extending inwardly from said tread surface but leaving an uncut base integral with the sections, and said incisions being of such a spacing and depth as to enable the tread sections to flex on the uncut base to an extent to tilt up and expose the corners of the sections when the foot wearing the shoe and applying weight on the tread surface tends to slip upon some desired supporting surface with which the tread surface is in contact.

2,124,987
CABINET IRONER
Alfred J. Shute, Chicago, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application July 19, 1935, Serial No. 32,267
27 Claims. (Cl. 312—28)



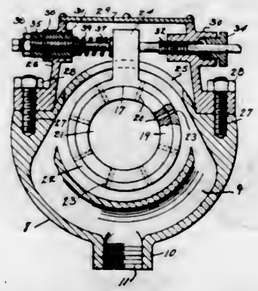
1. In a structure of the class described, the combination of a cabinet, an ironer unit including an ironing roll, a cooperating shoe and a base member, and supporting mechanism for said ironer unit connected with the cabinet and with said ironer unit and providing a movable pivotal support for said unit, said supporting mechanism being constructed and arranged for carrying and bodily moving the ironer unit downwardly about its pivot support into a vertical position within the cabinet or moving said unit to a horizontal position outside of the cabinet and maintaining said unit in horizontal position during its initial inward movement and final outward movement.

2,124,988
CABINET IRONING MACHINE
Alfred J. Shute, Chicago, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application September 10, 1936, Serial No. 100,174
22 Claims. (Cl. 312—28)



22. In a structure of the class described, the combination with a cabinet; of an elongated extensible support hinged to said cabinet for swinging movement inwardly and outwardly of the cabinet, said support being movable to laterally extended position with respect to said cabinet in engagement with the floor on which said cabinet rests; and spring-actuated compensating means for yieldingly wedging said support in various floor-engaging positions.

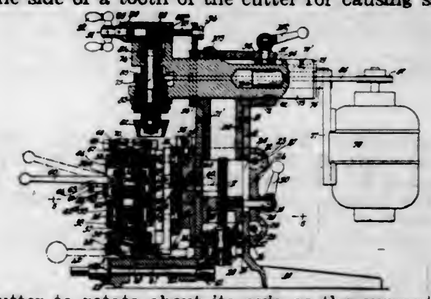
2,124,989
CEMENT SPRAY DEVICE
John E. Smith, Los Angeles, Calif.
Application March 12, 1936, Serial No. 68,361
11 Claims. (Cl. 91—44)



2. In a cement spray device, a housing having a passage therein for dry aggregates, a fluid chamber in said housing and having a plurality of jet orifices opening into said passage, a valve member movable in said chamber for simultaneously varying the area of all of said jet orifices, and means operable exteriorly of said housing for so moving said valve member.

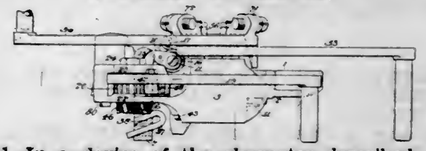
2,124,990
CUTTER SHARPENING MACHINE
William E. Sykes, Buffalo, N. Y.
Application October 22, 1934, Serial No. 749,342
16 Claims. (Cl. 51—95)

3. A sharpening machine for cutters or the like, comprising a grinding wheel, a support upon which the cutter to be ground is adapted to rotate, said support being movable transversely to the grinding wheel, and a finger for engaging the side of a tooth of the cutter for causing said



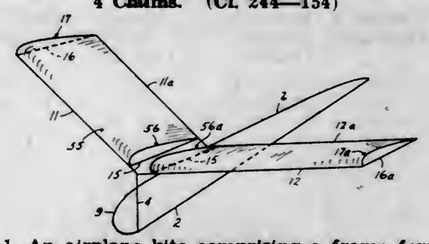
cutter to rotate about its axis as the support is moved transversely to the grinding wheel.

2,124,991
WIRE STRAPPING TOOL
Burton L. Watt, Marquette, Mich., and James J. Smith, Seattle, Wash., assignors to Griplock, Inc., New York, N. Y., a corporation of Delaware
Application February 23, 1938, Serial No. 191,892
8 Claims. (Cl. 140—93)



1. In a device of the character described, in combination with a strap having a coiled end which is intended to be crushed for securing the strap around a package, mechanism for tensioning the said strap around a package preliminary to said crushing including, a movable gripping jaw and means for moving said jaw in both directions of its length, said means including a plurality of elements having surfaces fitted for mutual contact, at least one of said surfaces being normally urged against the other and being formed on a curve of varying radius.

2,124,992
AIRPLANE KITE
Walter A. Wood, Los Angeles, Calif., assignor to John D. Chesnut, San Marino, Calif.
Application December 21, 1935, Serial No. 55,590
4 Claims. (Cl. 244—154)



1. An airplane kite comprising a frame forming a fuselage, a substantially horizontal frame mounted on said fuselage near one end thereof forming a pair of laterally extending wing frames, a flexible covering for each of said wing frames, said covering being of greater width than the wing frame and fastened to each wing frame at the leading and trailing edge thereof, the inner and outer ends of said covering being loose and

free of said wing frame whereby the wing covering will belly in the wind to provide concave lower wing surfaces when in flight and a third frame mounted on the opposite end of said fuselage from said wings forming a laterally extending elevator.

2,124,993

INSULATED WIRE OR CABLE FOR THE TRANSMISSION OF ELECTRICAL ENERGY

Edward D. Youmans, Clifton, N. J., assignor to The Okonite Company, Passaic, N. J., a corporation of New Jersey

Application June 6, 1934, Serial No. 729,213

5 Claims. (Cl. 173—264)



1. The process which comprises providing at least one face of each tape of a pair of tapes with a layer of insulating rubber compound and applying the tapes in superimposed relation about a conductor with the rubber compound layers in contact, the layers of compound being of sufficient thickness definitely to space the tapes from each other and to provide a compound layer without any portion of the tapes extending through it.

2,124,994

METHOD FOR THE PREPARATION OF ADHESIVES FROM STARCHY VEGETABLE MATTER

Howard S. Paine, Chevy Chase, Md., and Kyle Ward, Jr., Washington, D. C.; dedicated to the free use of the People of the United States

No Drawing. Application March 20, 1937, Serial No. 132,102

2 Claims. (Cl. 134—23.4)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. The method of preparing adhesives from the sweet potato, which consists in steaming the sweet potatoes, drawing off the liquid which contains water-soluble materials originally present, mashing and drying the drained potatoes, grinding and sifting the resulting powder to remove a part of the peel and crude fiber, and thence converting the sifted flour into an adhesive by treatment with starch-converting reagents.

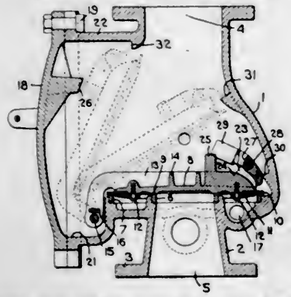
2,124,995

DRY PIPE VALVE

Willis K. Hodgman, Jr., Taunton, Mass.

Application August 1, 1936, Serial No. 93,853

3 Claims. (Cl. 169—22)



1. A dry pipe valve comprising a casing having at the bottom an inward and upward projecting inlet pipe having a water valve seat on its upper end and with the inlet pipe tapered from its admission end to said seat to render the area of said seat substantially less than the area of the admission end, the said casing having at the top an exit opening and at one side an inspection opening, a cover plate for the inspection opening and means for removably securing it in place, an air valve seat on the casing surrounding and substantially in the plane of the water valve seat, a clapper comprising a water valve, an air valve base, an annular flexible air valve projecting from the air valve base and a supporting arm, means on the casing in the path of the portion of the clapper opposite the supporting arm cooperating with the clapper to lock the clapper against closing movement when the clapper has swung to a predetermined slightly open position and also when it has swung to a predetermined open position, and a pivot for the supporting arm located in the casing adjacent the air valve seat and well above the lower edge of the inspection opening and so positioned that, when the cover plate is removed, the clapper may be swung entirely through the inspection opening and positioned with its valves outside the casing and readily accessible for cleaning or repair.

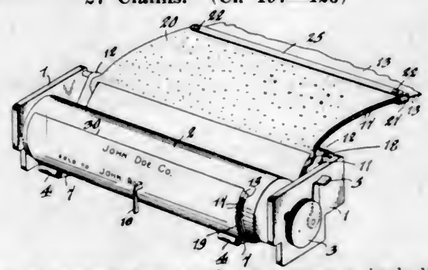
2,124,996

CARBON STRIPPING DEVICE

James W. Anderson, Niagara Falls, N. Y., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y., a corporation of Delaware

Application September 27, 1935, Serial No. 42,449

27 Claims. (Cl. 197—126)



1. A carbon stripper having means, including a work-sheet-threading opening in a carbon sheet of the stripper cooperable for disposing transfer material of said carbon sheet in manifolding relation to the worksheets either end foremost.

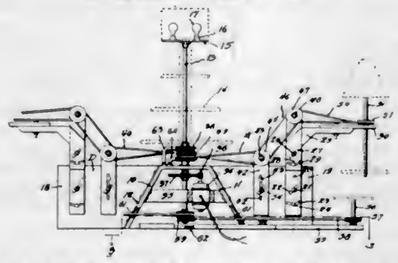
2,124,997

DISPLAY DEVICE FOR SHOP WINDOWS

Stefan Belobrajdech, Milwaukee, Wis.

Application June 24, 1937, Serial No. 150,096

2 Claims. (Cl. 40—33)



1. A display device for shop windows comprising, a base member, a centrally disposed shaft carried by the base member and extending a material distance above the base member, display means for merchandise carried by the shaft, laterally extending side wall plates secured to the base member, adjustable arms on the side wall plates, adjustable brackets on said arms, rotatable shafts carried by the brackets, merchandise display means carried by the last-mentioned shafts, a motor having a direct drive engagement with the central shaft, and means for driving the side shafts from the central shaft including pulley wheels and belts.

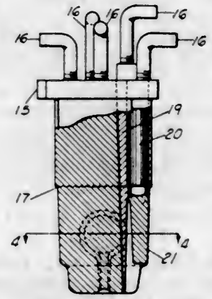
2,124,998

PERMANENT MOLD

Melbourne A. Beckmann, Cincinnati, Ohio, assignor to Aluminum Industries, Inc., Cincinnati, Ohio, a corporation of Ohio

Application June 18, 1936, Serial No. 85,946

4 Claims. (Cl. 22—151)



2. A permanent mold metal casting structure comprising a mold body and a multiple piece core fitting into said body, one of said core pieces containing another, said contained piece being held over a portion of its length at a distance from its containing core, and being extractable therefrom so that said containing core may be withdrawn from the mold.

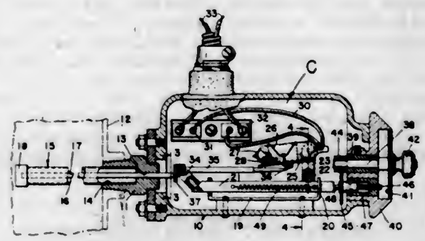
2,124,999

THERMOSTATIC CONTROL SWITCH

Axel Christensen, Racine, Wis.

Application June 24, 1937, Serial No. 150,128

3 Claims. (Cl. 200—137)



1. In a control device of the character described, heat-responsive means movable upon temperature change, a slide bar, a control switch rockably mounted at one end upon the slide bar, an actuating lever movable by said heat responsive member rockably mounted on the slide bar, and supporting said switch at a point remote from its pivot point, and means for varying the position of the slide bar.

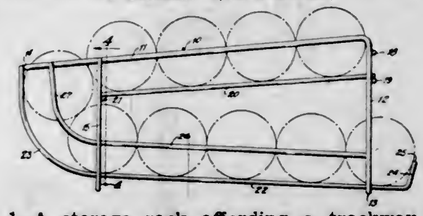
2,125,000

RACK FOR REFRIGERATORS

Robert P. Considine, Fulton, Ill., assignor to The Collis Company, Clinton, Iowa, a corporation of Iowa

Application February 4, 1936, Serial No. 62,323

4 Claims. (Cl. 211—49)



1. A storage rack affording a trackway for the progressive movement of cylindrical articles, comprising a continuous frame having upper side bars and a rear cross connection and downturned at its forward end to afford front standards and a connecting front base section, a rear supporting member having upstanding posts connected to the side bars and being connected at their lower ends by a base section, a cross bar extending between the front standards, a cross bar extending between the rear posts, upper track rails having their front and rear ends supported on the front and rear cross bars respectively, and lower track rails below the upper track rails and having their rear ends upcurved below and behind the rear cross bar and connected to the rear cross connection of the frame and configured to transfer cylindrical articles from the upper track rails to the lower track rails.

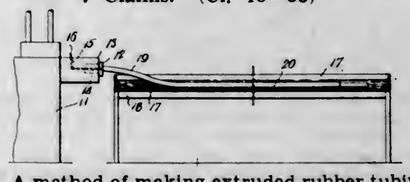
2,125,001

MANUFACTURE OF RUBBER TUBING

Rawson R. Cowen and Cyril L. Silvia, Taunton, Mass., assignors to New Jersey Rubber Company, Taunton, Mass., a corporation of Massachusetts

Application August 13, 1937, Serial No. 158,936

7 Claims. (Cl. 18—53)



7. A method of making extruded rubber tubing, which consists in feeding the uncured tubing projected from the die of an extruding machine into a liquid bath so that the tubing is substantially immersed in the liquid, venting the air within the tubing through the die to the atmosphere so that the liquid substantially fills the tubing, severing the immersed tubing into strips, placing a severed strip on a supporting form located in the bath, transferring the form with the tubing strip thereon from the bath to a carrier and supporting its ends in elevated position thereon, to retain a portion of the liquid within the tubing, and then placing the carrier, form and tubing in a vulcanizer.

2,125,002

CAN OPENER AND DISPENSER

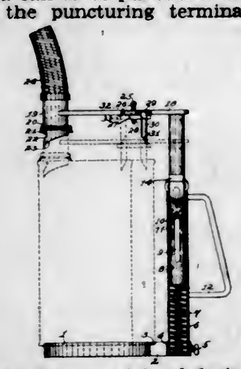
Theodore H. Gerdes, Dike, Iowa

Application April 19, 1937, Serial No. 137,736

6 Claims. (Cl. 221—23)

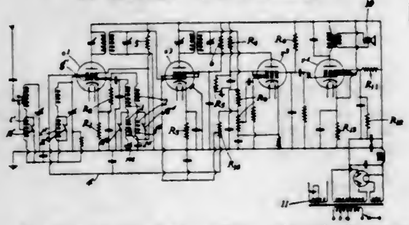
1. In a device of the character described, rigidly connected air-vent and spouted hollow punches, supporting means upon which they are

resiliently mounted for to and fro movements relative to a can to be punctured and tapped by both, and the puncturing termination of the



spouted punch having a lateral drainage aperture to open into the can flush with the lower face of its top wall for complete drainage of the inverted can when punctured thereby.

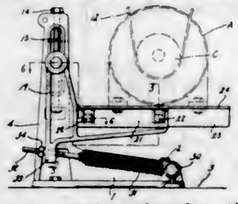
2,125,003
ELECTRON DISCHARGE TUBE CIRCUITS
John Henry Owen Harries, Frinton-on-Sea, Essex, England
Application October 28, 1935, Serial No. 47,042
In Great Britain August 24, 1934
37 Claims. (Cl. 250—20)



1. A supersonic heterodyne signal frequency changing circuit arrangement, comprising an electron discharge tube having, in addition to an anode and a cathode, at least four grid electrodes, of which one is operative as an oscillating control grid and another as an input grid, an oscillatory circuit connected to said oscillatory control grid, back-coupling means coupled to said oscillatory circuit and connected to a third of said grid electrodes, and a radio-frequency input circuit connected to said input grid, said input grid having electrostatic capacity to said oscillating control grid and said third grid, the dimensions and positions of said input grid, oscillating control grid and third grid being such that the capacities of said input grid to said oscillating control grid and to said third grid are so related that said input grid is substantially at a node of potential as regards the potentials of said oscillating control grid and said third grid.

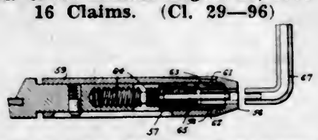
2,125,004
PIVOTAL MOUNTING FOR PULLEY STRUCTURES
William D. Hamerstadt, Indianapolis, Ind., assignor to Rockwood Manufacturing Company, a corporation of Indiana
Application September 25, 1935, Serial No. 41,998
6 Claims. (Cl. 248—23)

1. A pivotal mounting for a pulley structure adapted for use, through the instrumentality of a generally vertically disposed belt, with a pulley having a fixed center, said mounting comprising a base adapted to be rigidly secured to a generally horizontally disposed support, generally vertically disposed standard means associated with said base and extending upwardly therefrom, generally horizontally disposed pivot means associated with said standard means and vertically adjustable relative thereto, generally L-shaped supporting means having generally vertically disposed means and generally horizontally



disposed means carried thereby, the generally vertically disposed means of said supporting means being associated with and carried by said pivot means and the generally horizontally disposed means of said supporting means being adapted to have a pulley structure rigidly mounted thereon, and spring means for opposing to a greater or lesser extent downward swinging movement of a pulley structure mounted on the generally horizontally disposed means of said L-shaped supporting means.

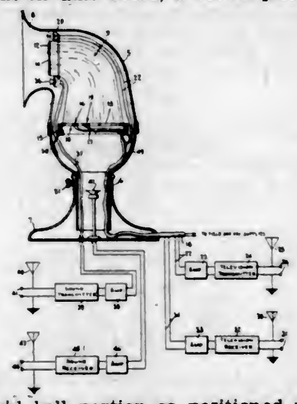
2,125,005
ADJUSTABLE TURNING AND BORING TOOL
Frederick Charles Jearum, Chipstead, England
Application July 11, 1936, Serial No. 90,051
In Great Britain August 17, 1935
16 Claims. (Cl. 29—96)



1. A tool of the class described, comprising a tubular shell, a tool holding head projecting from the forward end of the shell and having a shank extending axially into such end and supported on the inner wall of the shell, and screw threaded means located axially of and within the shell and cooperating with the shell and the rear end of the shank to hold the shank and the head against axial movement forwardly and rearwardly and including a rotary member for adjusting the shank and head axially of the shell, and means at the rear end of the shell having a key and slot rotating connection with the member, the shank continuously fitting the inner wall of the shell from a point closely adjacent to the head to a point remote therefrom whereby securely to support the head in retracted and extended positions.

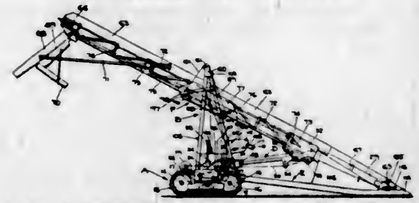
2,125,006
TELEVISION COMMUNICATOR
Alexander McLean Nicolson, New York, N. Y., assignor to Communication Patents, Inc., New York, N. Y., a corporation of Delaware
Application July 10, 1934, Serial No. 734,471
8 Claims. (Cl. 178—5.8)

1. In a television and telephone communicator, a housing having a base and bell portion, a sound reproducer located in said base, a television translator located in said bell portion for projecting light of constant intensities in unit areas from the same surface and diffusing modulated light in unit areas, a sound pick-up de-



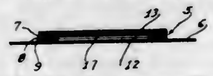
vice in said bell portion so positioned with respect to said translator that a person's features may be scanned while speaking therein.

2,125,007
LOADER
Stanley F. Ossing, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application April 20, 1935, Serial No. 17,422
13 Claims. (Cl. 198—233)



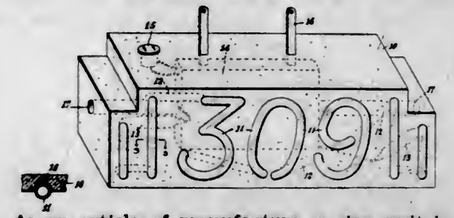
1. In a portable loader, the combination with a truck, of a derrick on said truck comprising spaced masts, a conveyor boom carried between said masts, and having an end adapted to be thrust into a pile of material, a carriage for supporting said boom and permitting sliding of said boom relative thereto, said carriage having laterally projecting shafts forwardly and rearwardly thereof, pulleys on said shafts, bearing blocks on said forward shafts adapted to bear against said masts, pulleys adjacent the tops of said masts, and cable means cooperating with said carriage pulleys and said mast pulleys for adjusting the height of said carriage on said derrick.

2,125,008
MEDICATED PAD
William M. Scholl, Chicago, Ill.
Application October 5, 1935, Serial No. 43,666
1 Claim. (Cl. 128—153)



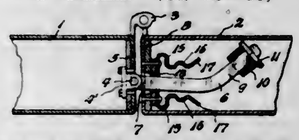
The method of making a medical pad, including the steps of forming a body part with an aperture therein, securing a cover over said body part and aperture by means of an adhesive undersurface on said cover, and then rendering ineffective the adhesive property of the exposed portion of said undersurface in said aperture by the application thereto of a non-adhesive substance.

2,125,009
LUMINOUS SIGN
Howard O. Wolf, Grand Junction, Colo., assignor of forty-nine percent to Harry E. Burnett, Grand Junction, Colo.
Application November 28, 1936, Serial No. 113,215
1 Claim. (Cl. 40—130)



As an article of manufacture, a sign unit including a hard and rigid body of initially plastic opaque material, a gas tube having display portions partially embedded in the front face of said body and having other portions fully embedded therein, a transformer entirely embedded within the rear portion of the body, electrical connections between the ends of the tube and the secondary coil of the transformer and entirely embedded within the body, a terminal embedded within one face of the body and constructed and arranged to receive electrical conductors, electrical connections between the terminal and the primary coil of the transformer embedded in the body, the body being formed with ventilating ducts at the rear portion of the body opening to the transformer.

2,125,010
DOOR CHECK AND HOLDER
Richard H. Wright, Cleveland, Ohio
Application November 6, 1936, Serial No. 109,573
2 Claims. (Cl. 16—86)

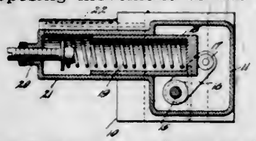


1. In a device of the class described, the combination with a door check comprising a check arm, one end of which is adapted to be attached to the hinge edge of a door, and the check arm being also adapted to extend through the hinge post of the structure upon which the door is mounted, a resilient buffer mounted upon the free end of said check arm, and a retainer member interlockingly mounted upon the free end of said check arm, of a resilient stop member adapted to be mounted upon the hinge post aforesaid for engaging the buffer member when the door is swung to an open position and serving to rereleasably hold the door in such an open position, said resilient stop member having provision for interengaging with the retainer member whereby to temporarily restrain the door from moving.

2,125,011
GOVERNOR
Herman G. Adler, Detroit, Mich., assignor to Handy Governor Corporation, Detroit, Mich., a corporation of Michigan
Application March 14, 1936, Serial No. 68,952
5 Claims. (Cl. 137—153)

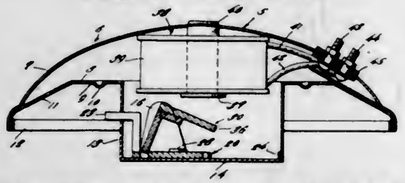
1. A governor for internal combustion motors including in combination, a casing having a fuel

passage therein adapted to be disposed in the intake manifold, a butterfly valve in the fuel passage actuated in a closing direction by the flow of gases in the fuel passage, and having a variable torque curve due to such flow, said casing having a cylinder, a piston disposed therein subject to the reduced pressure in the intake manifold, on the down-stream side of the valve, a spring opposing movement of the piston due



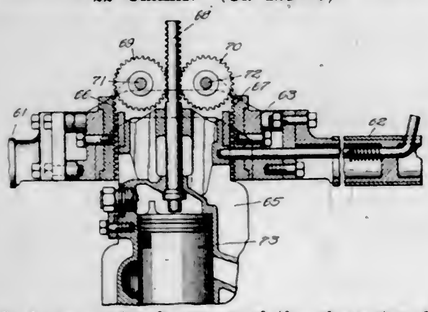
to the reduced pressure and means to transmit the effect of said torque to the piston to aid the reduced pressure acting thereon, said elements being so constructed and arranged that the sum of the torque effect and the reduced pressure effect form a straight line when plotted against the different positions of the piston whereby the valve may be balanced in all positions by a single spring.

2,125,012
GAS TANK LOCKING CAP
Herbert W. Burton, Dayton, Ohio
Application March 19, 1936, Serial No. 69,726
3 Claims. (Cl. 292—144)



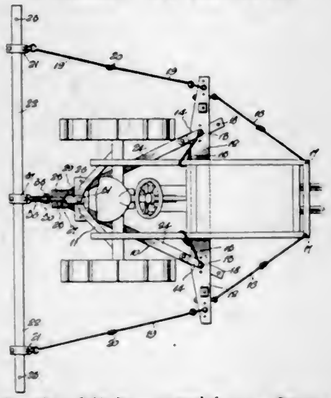
3. An electro-magnetic gas tank locking cap comprising a hollow shell, an electro-magnet mounted on one wall of the shell, a spring pressed latch mounted on an opposite wall of the shell, said latch having a latch tongue, spring means normally extending said tongue outwardly from a wall and having a portion operatively engaged with said latch and having a magnetically permeable armature located within the magnetic sphere of said electro-magnet.

2,125,013
INTERNAL COMBUSTION PERCUSSIVE HAMMER
Carl L. Charles, Winnetka, Ill., assignor to Gas Tool Patents Corporation, a corporation of Delaware
Application May 3, 1937, Serial No. 140,504
22 Claims. (Cl. 123—7)



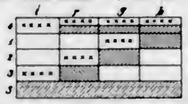
1. A percussive hammer of the character described, including: a cylinder; a piston reciprocable therein; a tool adapted to receive impacts therefrom when said hammer is working; and means for automatically subduing the reciprocation of said piston when said hammer is lifted, said means permitting unhindered reciprocation when said hammer is returned to working position.

2,125,014
TRACTOR HITCH
Christian Christiansen, Fargo, N. Dak.
Application November 4, 1937, Serial No. 172,799
5 Claims. (Cl. 280—33.44)



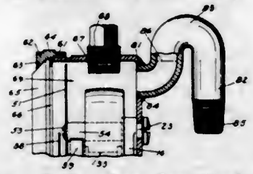
4. A tractor hitch comprising a frame to extend forwardly from a conventional tractor hitch, the front end of said frame being provided with lateral portions to project in opposite directions from the tractor in front of the rear wheels, means for connecting the rear end of said frame with said hitch, means for connecting the front end of said frame with the tractor, a hitch bar to extend transversely behind and to project laterally beyond both sides of the tractor, and draught means connecting the end portions of said hitch bar with said lateral portions of said frame.

2,125,015
MULTICOLOR PHOTOGRAPHIC MATERIAL AND A PROCESS FOR USING THE SAME
Bela Gaspar, Brussels, Belgium
Application April 2, 1936, Serial No. 72,409
In Germany October 26, 1932
15 Claims. (Cl. 95—2)



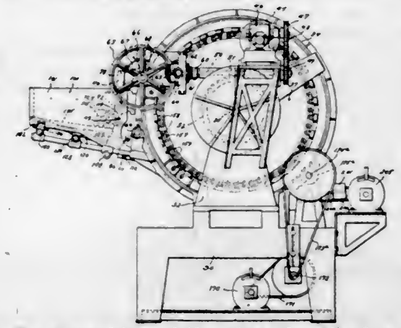
1. The method of producing multi-color moving picture films in a predyed multi-layer light sensitive silver halide material, having at least three layers differently colored by dyestuffs of the shades necessary to form a multi-color image and each being predominantly sensitized for a spectral range such that each of the part images of said multi-colored image may be independently printed into said multi-layer light sensitive silver halide material, and a light sensitive supplementary layer having a sensitivity range different from that of the immediately juxtaposed light sensitive layer and being dyed with a dyestuff which absorbs sufficient light rays throughout the visible spectrum to give a substantially grey to black appearance, which comprises printing the multi-color part pictures into said material, printing another image into said supplementary layer, developing and fixing the latent silver images and selectively destroying the dyestuffs in proportion to the silver deposit.

2,125,016
GAUGE
Frank S. Gruver, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y., a corporation of Pennsylvania
Application May 21, 1935, Serial No. 22,646
1 Claim. (Cl. 73—109)



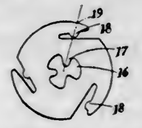
In a gauge of the class described, a casing; a socket mounted in said casing; a pressure responsive element mounted on said socket; a movement actuated by said pressure responsive element comprising stamped mounting plates having plain pierced bearing surfaces, and movable elements having spindles bearing directly on said plain pierced bearing surfaces; an inert fluid filling said casing for preventing corrosion of said movement and lubricating the bearing surfaces thereof; means for allowing partial escape of said fluid under severe shock to said pressure responsive element; and means mounted on said movement and subjected to the dampening effect of said fluid for inhibiting excessive sudden actuation of said movement.

2,125,017
GLASSWORKING MACHINE
Hans N. Halversen, deceased, late of Vineland, N. J., by Tradesmens Bank and Trust Company, administrator, Vineland, N. J., assignor to Kimble Glass Company, Vineland, N. J., a corporation of Illinois
Application June 28, 1935, Serial No. 29,510
19 Claims. (Cl. 49—7)



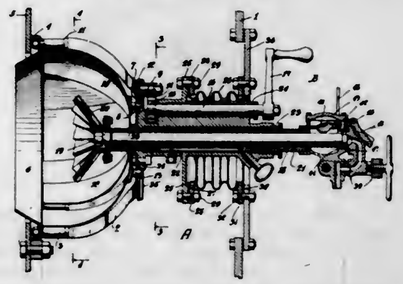
1. In a machine of the class described, a pair of aligned chucks adapted to grip the ends of a tube, means for moving said chucks along a definite path, a magazine for holding tubes to be fed to the chucks, a conveyor for moving the tubes from the magazine into alignment with the pair of chucks, and means independent of the chucks for moving the tubes in a path coincident with a substantial portion of said definite path and for maintaining the tubes moved by said conveyor in alignment with the chucks during a portion of the travel of the chucks.

2,125,018
PLUG FOR INSERTION IN WALLS AND OTHER PLACES
William Wilson Hamill, Chigwell, England
Application November 25, 1935, Serial No. 51,541
In Great Britain December 18, 1934
14 Claims. (Cl. 85—2.4)



1. A flexible rubber plug to be secured within a wall or other cavity, said plug having a normal over-all diameter, the surface of the plug being formed to yield to avoid increase of frictional resistance between the surface of the plug and the wall of the opening when the plug is turned in one direction and to engage the wall of the opening with increasing frictional resistance against turning when the plug is turned in the opposite direction.

2,125,019
OIL BURNING EQUIPMENT
George P. Haynes, Brooklyn, N. Y., assignor to Todd Combustion Equipment, Inc., New York, N. Y., a corporation of New York
Application July 3, 1936, Serial No. 88,736
2 Claims. (Cl. 158—1)

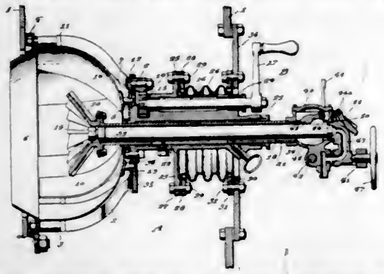


1. The combination with a boiler furnace having a front plate, a bulkhead in spaced relation to said plate to define a compartment therebetween, said bulkhead having an opening therethrough, a burner tube projected through the opening in said bulkhead into said compartment, a casting in which said burner tube is mounted, substantially rigid means connecting said casting to said plate and expansion bellows connecting said casting to the bulkhead about the opening therein and serving to permit relative movement between the front plate and the bulkhead.

2,125,020
OIL BURNING EQUIPMENT
George P. Haynes, East Rockaway, N. Y., assignor to Todd Combustion Equipment, Inc., New York, N. Y., a corporation of New York
Original application July 3, 1936, Serial No. 88,736. Divided and this application December 31, 1936, Serial No. 118,623
2 Claims. (Cl. 158—2)

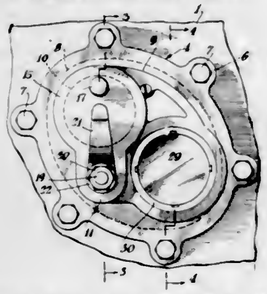
1. The combination with oil burning equipment including a burner jacket and a burner tube removably encased therein, of a housing engaging and in communication with said jacket at one end, said housing being provided with inner and

outer valve seats, and valves adapted respectively to engage said seats and close said jacket



against pressure exerted in either direction when the burner tube is removed from the jacket.

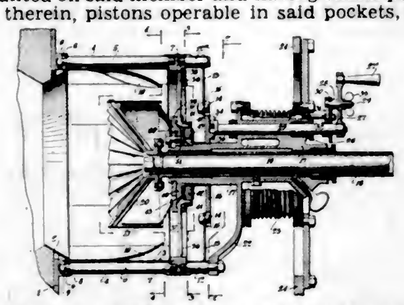
2,125,021
COMBINED LIGHTING AND OBSERVATION PORT
George P. Haynes, East Rockaway, N. Y., assignor to Todd Combustion Equipment, Inc., New York, N. Y., a corporation of New York
Application February 1, 1937, Serial No. 123,338
2 Claims. (Cl. 126—200)



1. An observation port adapted to be attached to a wall having an aperture, and comprising a plate provided with an opening smaller than said aperture and with a smooth plane valve seat surface inwardly of the wall of said aperture on one side of the plate, said plate having on its other side a forwardly raised portion surrounding said opening to present a valve seat, a rotatable shaft mounted in said plate, a pair of gate valves borne by the opposite ends of said shaft, said valves engaging respectively with said valve seats, one of said valves being operable within the confines of said aperture, tension means carried by the opposite ends of said shaft, operable therewith, and contacting said valves to press the same on their respective seats, and means engaging one of said valves for their joint operation.

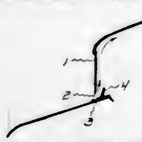
2,125,022
AIR REGISTER
George P. Haynes, East Rockaway, N. Y., assignor to Todd Combustion Equipment, Inc., New York, N. Y., a corporation of New York
Application February 1, 1937, Serial No. 123,339
4 Claims. (Cl. 158—1.5)

1. An air register for use with furnaces having a front wall with an opening therethrough, said register having a front inlet that admits rearwardly directed air toward said opening, a series of vanes in said front inlet to regulate air admission, rotatable rods carrying said vanes and having angled ends, a central hollow member, a disk rotatably mounted on said member, operating means to rotate said disk, a plate rotatably mounted on said member and having radial pockets therein, pistons operable in said pockets, the



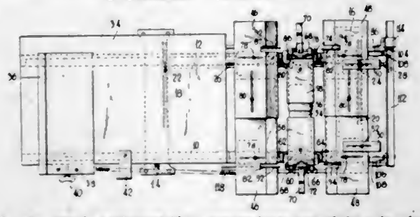
angled ends of said rods engaging said pistons, and means operatively connecting said disk and said rotatable plate to transmit movement from said disk to said plate for the operation of said pistons and vanes.

2,125,023
VENTILATOR FOR MOTOR CARS AND THE LIKE
John Hedin, Mariestad, Sweden
Application March 20, 1936, Serial No. 69,955
In Sweden July 17, 1935
8 Claims. (Cl. 296—94)



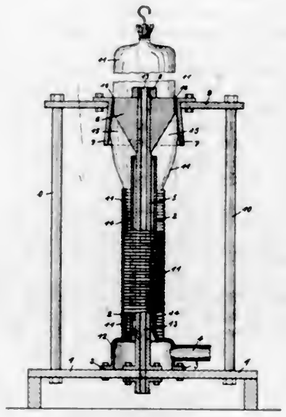
1. In a device of the character described, a closed vehicle body including a windshield and having a slot extending transversely across the front of the vehicle at the bottom of said windshield for the introduction of air into said body upon the forward movement thereof, a narrow air flow directing baffle coextensive with said slot, having its upper edge at a level above the upper edge of the slot and being spaced rearwardly from the lower edge of the windshield a distance substantially equal to the width of said slot to direct air entering said slot exclusively upwardly along the inner surface of the windshield and rearwardly along the under surface of the top of the body, and a second narrow baffle spaced rearwardly from the aforementioned baffle, the space between the two baffles being open vertically both upwardly and downwardly.

2,125,024
WRAPPING MACHINE
Donald M. Houpt, Palestine, Ill.
Application June 2, 1936, Serial No. 83,121
8 Claims. (Cl. 93—2)



1. A semi-automatic wrapping machine including in combination framework providing a trough for receiving the article to be wrapped and a wrapper support adjacent the top thereof, auxiliary end folders oppositely disposed at the ends of the trough operable to form an initial inward tuck in the prolonged bottom sides of a wrapping sheet previously placed under the article, end folders similarly disposed including means automatically operable on descent of the article into the trough for drawing end folding portions inwardly to complete said inward tuck, and side end folders movable in a plane normal to that of the end folders for tucking in the side flaps formed by the end tucks.

2,125,025
PROCESS OF PRODUCING ARTIFICIAL SAUSAGE SKINS
Gebhard Huckfeldt and Armin Bergmann, Altona-on-the-Elbe, Germany
Application November 3, 1937, Serial No. 172,638
In Germany July 21, 1936
1 Claim. (Cl. 99—176)

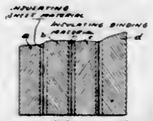


A process of producing artificial sausage skins, consisting in applying a pastelike mass of undissolved comminuted proteinaceous animal tissue having a dry content of at least 2% to the inner wall of a fabric tube, forcing the mass into the meshes of the fabric by compressed air acting inside the tube and simultaneously insuring taut inflation of the portion of the tube coated with paste-like mass, said tube being kept closed at its end.

2,125,026
PROCESS FOR THE MANUFACTURE OF ALKALI METAL BERYLLIUM FLUORIDES
Gustav Jaeger, Neu-Isenburg, Germany, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany, a corporation of Germany
No Drawing. Application June 10, 1937, Serial No. 147,562. In Germany June 20, 1936
7 Claims. (Cl. 23—88)

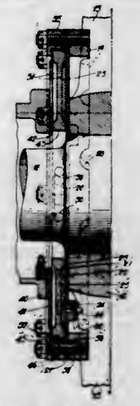
1. A process for the direct and dry manufacture of completely water-soluble alkali metal beryllium fluorides which comprises heating a mixture of a material selected from the group consisting of beryllium oxide and beryllium hydroxide with an acid alkali metal fluoride to temperatures ranging from 100° C. to 300° C.

2,125,027
COMMUTATOR AND LIKE BRUSHES
Ottomar Kasperowski, Munich, Germany
Application September 28, 1935, Serial No. 42,680
In Germany December 12, 1932
16 Claims. (Cl. 171—325)



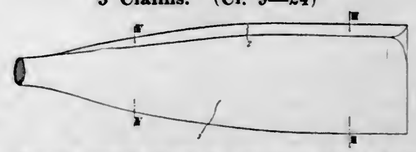
1. Commutator or like carbon brush consisting of carbon laminae bonded together by an intermediate layer of heat resisting insulation material incorporating a layer of insulating sheet material.

2,125,028
FULL FLOATING HUB LINER
John P. Kivlen, Allentown, and George E. Strohl, Northampton, Pa.
Application June 12, 1936, Serial No. 84,962
9 Claims. (Cl. 308—165)



1. In a device of the character described in combination with a wheel and journal box, a full floating hub liner comprising a plurality of sections detachably secured to one another, a wear plate secured to the wheel and engaging one face of the hub liner, a second wear plate engaging the opposite face of the hub liner and secured to the journal box, and means carried by the wheel supporting the hub liner with freedom for rotation relatively to the wheel, said means confining the exterior of the liner and being effective to prevent it from falling to the track in the event that the said sections become accidentally disconnected.

2,125,029
OAR
Walther Meienreis, Berlin-Friedenau, Germany
Application May 2, 1936, Serial No. 77,604
In Germany May 6, 1935
5 Claims. (Cl. 9—24)



1. An oar comprising in combination a shank, an oar-blade and means on the upper edge of the oar-blade for preventing the formation of a

funnel-shaped hollow space and an eddy on the suction side of the oar when pulling the latter through the water.

2,125,030
FISH LURE
Floyd Allan Ozburn, Los Angeles, Calif.
Application August 3, 1937, Serial No. 157,185
2 Claims. (Cl. 43—39)

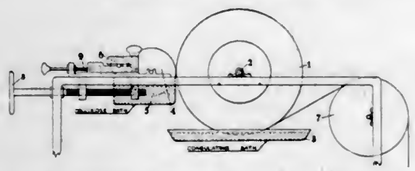


1. A fish lure of the class described comprising a body, a hook connected therewith, a spinner carrying member swivelled to the underpart of an intermediate portion of the body and including rearwardly and outwardly depending arms, one at each side of the body, and a loop portion extending rearwardly along the bottom of the body from the swivel points and between the arms, the end of the loop extending downwardly and forming a depending U-shaped part, and spinners swivelled to the ends of the arms.

2,125,031
MANUFACTURE OF ARTIFICIAL SILK
James Joseph Polak, Arnhem, and Johannes G. Weeldenburg, Ede, Netherlands, assignors to American Enka Corporation, Enka, N. C., a corporation of Delaware
No Drawing. Application January 25, 1937, Serial No. 122,323. In Germany February 15, 1935
45 Claims. (Cl. 18—54)

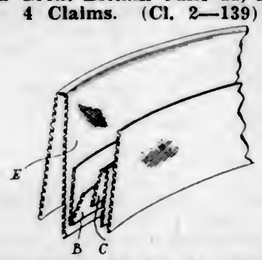
1. In the manufacture of cellulosic materials of artificial origin formed from a cellulosic solution that would normally incur the contamination of spinneret orifices, the step which comprises extruding such a cellulosic solution through spinneret orifices in the presence of a dissolved cation-active substance that is substantially stable under spinning conditions.

2,125,032
PRODUCTION OR MANUFACTURE OF THREADS OR FILAMENTS OF ARTIFICIAL SILK AND THE LIKE
Thomas Lewis Shepherd, London, England
Application May 28, 1935, Serial No. 23,924
In Great Britain May 29, 1934
4 Claims. (Cl. 18—54)



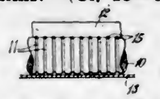
1. The process of manufacturing artificial filaments which consists in continuously applying a cellulosic solution to a moving line edge, dipping the moving line edge supporting the applied cellulosic solution into a coagulant, and simultaneously withdrawing the incompletely coagulated filament from the line edge support and stretching the filament.

2,125,033
SHIRT DETACHABLY COMBINED WITH COLLAR
Thomas Lewis Shepherd, London, England
Application June 8, 1935, Serial No. 25,682
In Great Britain June 11, 1934
4 Claims. (Cl. 2—139)



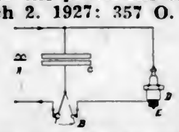
1. An improved collar and shirt having a stiffened projecting strip of material of V shape in cross section secured by one limb to the inside of the collar and extending to within a short distance of the stud holes, the free limb of the V being adapted to engage and interlock with a corresponding free limb of a stiffened projecting strip of similar cross section secured on the outside of the shirt neck band and extending to within a short distance of the stud holes, whereby the collar may be attached to the shirt without employing a back stud, the V shaped strips of the collar and shirt neck band respectively being treated with an adhesive material which when dry or "set" will withstand laundering or cleaning operations without losing stiffness.

2,125,034
APPARATUS FOR FORMING RUBBER THREAD
Thomas Lewis Shepherd, London, England
Application March 18, 1936, Serial No. 69,544
In Great Britain May 15, 1934
5 Claims. (Cl. 18—8)



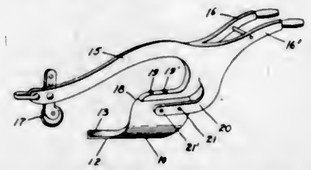
1. Apparatus for forming rubber thread, consisting of a rotating roller, a stationary recessed doctor adjacent said roller, means for applying a rubber-containing fluid to said roller, and means for removing rubber thread from said roller.

2,125,035
ELECTRIC IGNITION SYSTEM AND SPARKING PLUG FOR INTERNAL COMBUSTION ENGINES
Wytze Beye Smits, Kassel-Wilhelmshohe, Germany
Application October 19, 1936, Serial No. 106,431
In Germany October 18, 1935
10 Claims. (Cl. 123—148)
(Granted under the provisions of sec. 14, act of March 2. 1927: 357 O. G. 5)



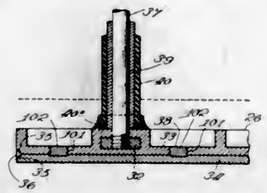
1. Electric ignition system with direct discharging of a condenser across an ignition point, characterized in that the condenser is charged with a current having a voltage of the order of about 1,000 volts and is discharged across the electrodes of a sparking plug having a spark-gap width of the order of 0.3 mm. or less.

2,125,036
PLOW
Charles Sumner Stewart, Milwaukee, Wis.
Application September 16, 1936, Serial No. 101,137
5 Claims. (Cl. 97—115)



1. A plow of the character described comprising a mold-board of spiral construction having an overhanging deflectory portion adapted to place the soil in an inverted position, a cutting edge at the front of said mold-board, said cutting edge angularly disposed, a colter along the open edge of said mold-board and at right angle thereto, said colter tapered gradually to meet the edge of said spiral mold-board, a plow beam to support the device, and means adjustably mounted to said plow beam to control the depth of the soil to be turned.

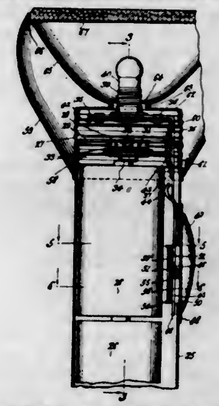
2,125,037
ELECTROLYTIC APPARATUS
Wilfred Sykes, Chicago, Ill., assignor to Inland Steel Company, Chicago, Ill., a corporation of Delaware
Application June 12, 1935, Serial No. 26,274
7 Claims. (Cl. 204—5)



1. An electrode comprising a body of relatively low current conducting material, a bar of relatively high current conducting material for connection with an electric circuit, said bar being enveloped by said body, a pad of current conducting material extending across said body, and means providing continuous metal contact between the bar and pad at spaced apart zones, the points of contact affording zones of reduced resistance to current flow between said body and pad.

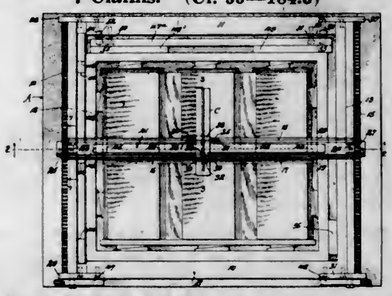
6. An electrode comprising a body of relatively low current conducting material, a bar of relatively high current conducting material for connection with an electric circuit, said bar being enveloped by said body, conductor means leading to the said bar, a lead coating on said conductor means, a sheathing of insulating material surrounding said coating, a pad of current conducting material extending across said body, and means providing continuous metal contact between the bar and pad at spaced apart zones, the points of contact affording zones of reduced resistance to current flow between said body and pad.

2,125,038
ONE-HAND FOCUSING FLASHLIGHT
Emerson H. Tompkins, Waterbury, and Irving T. Holihan, Waterville, Conn., assignors to Scovil Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application May 11, 1937, Serial No. 142,040
9 Claims. (Cl. 240—10.66)



1. In a flashlight, a casing having an outer end wall, a battery contact mounted in insulating relation upon the inner side of said wall for engaging a battery and having one end projecting toward the side of the casing, a lamp carrying slide having a shank projecting down within one side of the casing and having a split and spread lower end, said slide having a head portion extending across the outer end of the casing, a head shell carried by the casing having a reflector therein adapted to enclose a lamp carried on said slide, a thumb piece mounted on the outer side of the casing and having inwardly extending flanges embracing the split end of the slide shank for interlocking engagement therewith and release therefrom by contraction of said split and spread end of the slide shank, said slide having a contact tongue at its inner side for engagement with the projecting end of the battery contact when the slide is shifted outwardly in the casing.

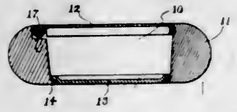
2,125,039
LINE-UP GAUGE
Henry R. Trotter, Highland Park, Ill., assignor, by mesne assignments, to Horace W. Hacker, La Grange, Ill.
Application October 21, 1936, Serial No. 106,874
7 Claims. (Cl. 33—184.5)



1. In a device for lining-up printing forms, a pair of racks having fixed parallel relation to each other, a bearing rail adjacent each rack and

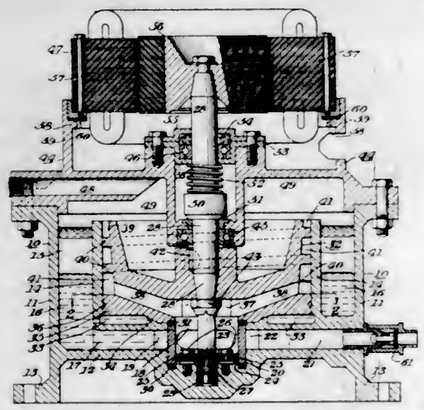
parallel thereto, a straight edge movably supported by the bearing rails, spaced bearing blocks each having free vertical floating interfit with the straight edge, a shaft journalled in said blocks, and pinions fixed on the shaft and meshing respectively with said racks, whereby the positional relation of the straight edge and pinions will be automatically varied in response to the absence of parallelism between straight edge supporting surfaces of the bearing rails and the pitch lines of the racks as said straight edge is moved over the bearing rails.

2,125,040
VANITY CASE
James L. Younghusband, Chicago, Ill.
Application October 22, 1937, Serial No. 170,438
6 Claims. (Cl. 132—79)



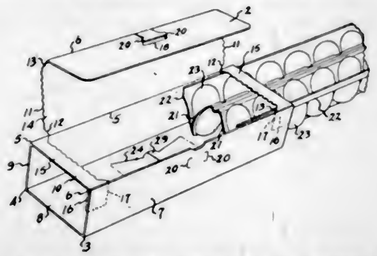
1. A vanity case comprising a plastic member of desired color forming the side walls of the vanity case and having at its bottom portion a slight inturned flange, a metal bottom member of smaller size than the opening between opposite edges of the walls, said metal bottom member positioned on said flange, the inner surface of said metal bottom member forming a sufficiently rigid surface to prevent crumbling of a cake of rouge placed thereon, and the outer surface of said metal bottom member forming the bottom of said vanity case, and a metal cap swingably attached to said side walls.

2,125,041
PUMP
Arthur A. Aldridge, Pittsburgh, Pa., assignor of one-half to Roy G. Dorrance, Pittsburgh, Pa.
Application May 20, 1937, Serial No. 143,720
17 Claims. (Cl. 230—45)



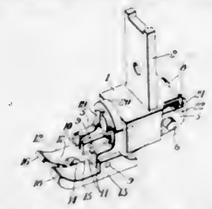
1. In a gas pump, the combination of a rotary impeller provided with a spiral thread of progressively diminishing capacity, a centrifugal pump arranged to deliver gas and liquid to the impeller, and a rotary valve connected to the pump and arranged to deliver alternate slugs of gas and liquid thereto.

2,125,042
EGG CONTAINER
Samuel Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and Robert Morris Bergstein, trustees
Application March 8, 1934, Serial No. 714,678
5 Claims. (Cl. 229—29)



1. A carton of tubular shape to receive a cellular egg holder, said carton having a tab cut in its bottom to be turned up therefrom and engage in a recess of the egg holder for the purpose set forth, said tab having a median longitudinal fold which permits it to bend and be crimped into a recess of said egg holder.

2,125,043
PRESSER-FOOT FOR SEWING MACHINES
Frederic M. Card, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application March 27, 1937, Serial No. 133,374
8 Claims. (Cl. 112—235)

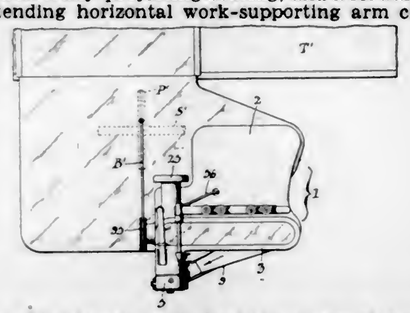


1. A presser-foot for sewing machines, comprising a body, a pair of leg-members coaxially pivoted to said body, foot-plates pivotally attached to and carried by the respective leg-members, and an equalizing-lever fulcrumed between its ends upon said body in position for direct engagement with said leg-members.

2,125,044
SEWING MACHINE
Norman V. Christensen, Chicago, Hans Hacklander, Tinley Park, and Harold J. Le Vesconte, Western Springs, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application April 7, 1936, Serial No. 73,064
6 Claims. (Cl. 112—63)

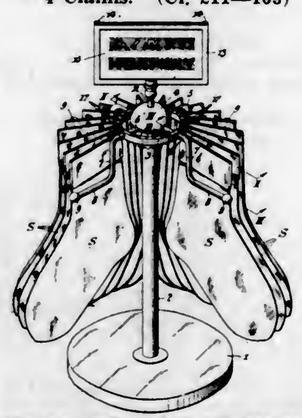
1. In a feed-off-the-arm sewing machine, a hollow frame with a longitudinal portion having a lengthwise shaft-bearing within it and an aligned shaft-bearing open to the exterior at the front end thereof, another shaft-bearing projecting laterally at right angles from said longitudinal frame portion at said end and open to the exterior, a hollow needle head projecting laterally at right angles from said longitudinal frame portion at said end at the opposite side and having a bearing therein axially aligned with

said laterally-projecting bearing, and a forwardly extending horizontal work-supporting arm con-



nected to the rear end of said longitudinal frame portion and underreaching the needle head.

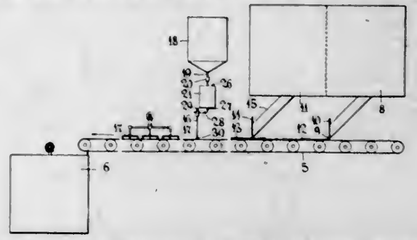
2,125,045
DISPLAY DEVICE
Gerald L. Connelly, Mount Vernon, N. Y., assignor to Dexdale Hosiery Mills, Lansdale, Pa., a corporation of Pennsylvania
Application September 14, 1937, Serial No. 163,734
4 Claims. (Cl. 211—163)



1. A display device of the character described comprising a post; a horizontal support centered on the post having radial separator arms projecting outward from its rim and annularly arranged socket holes in the intervals between said arms; and a plurality of individual carriers for articles which are to be displayed, said carriers having rearward shanks with pendant terminal stems adapted to be engaged in the socket holes of the support so that the articles in the groups set apart by the radial separator arms of said carrier can be independently swung sidewise in either direction relative to the others in the respective groups for convenience of individual inspection.

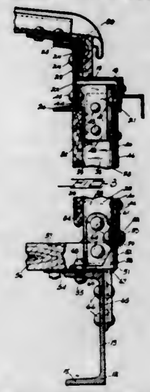
2,125,046
METHOD OF PRODUCING PLASTER MATERIALS
Dean De Forest Crandell, Buffalo, N. Y., assignor to National Gypsum Company, Buffalo, N. Y.
Application September 20, 1935, Serial No. 41,497
1 Claim. (Cl. 83—73)

The method of producing porous building materials from plaster, water and aqueous hydrogen peroxide which comprises moving a mix of plaster at a substantially constant rate, confining said plaster during its movement to a substantially constant width and depth, and adding to the upper surface of said plaster during its movement a substantially constant stream of water and hydrogen peroxide transversely of the



direction of movement of said plaster, moving the stream at a substantially constant rate from one side to the other of said mix, and thereafter mixing said aqueous hydrogen peroxide with said plaster.

2,125,047
RAILWAY CAR CONSTRUCTION
Frank Ditchfield, Cleveland, Ohio, assignor to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Application August 24, 1935, Serial No. 37,716
23 Claims. (Cl. 105—409)

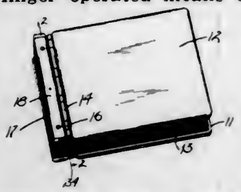


1. A railway house car converted from a gondola car comprising original underframe members of said gondola car including cross bearers and side sills secured to the end portions of said cross bearers, metallic door posts, metallic intermediate posts disposed above said side sills, means securing the lower ends of said posts to said side sills, side plates, means securing the upper ends of said posts to said side plates, metallic sheathing secured to said side plates and to the outside of said posts, said sheathing stopping short of said side sills and means secured to the lower margin of said sheathing and extending inwardly therefrom and fastened to said side sills, said first mentioned means having flanges arranged on the inside of said means fastening the sheathing to said side sills in parallel relation to said sheathing, said means being secured to the lower margin of said sheathing.

2,125,048
LOOSE LEAF BINDER
Guy E. Hamlin, Syracuse, N. Y., assignor to McMillan Book Company, Syracuse, N. Y., a corporation of New York
Application September 30, 1935, Serial No. 42,763
2 Claims. (Cl. 129—12)

2. A loose leaf binder of the so-called post

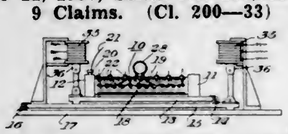
clamp type wherein the paper is tightly retained between a housing having posts rigidly secured thereto and a second housing releasably secured to said posts, and wherein apertured post clamps are normally spring pressed into angular relationship with the posts to clamp the same thereto and wherein slide means in the releasable housing adapted to move the post clamps to a substantially perpendicular position with respect to the posts is normally retained out of engagement with the post clamps by spring means, characterized by finger operated means connected to



said slide means and protruding from at least one end of the releasable housing, said finger operated means being movable inward at least part way into said housing against the action of said spring means to move said slide means to post clamp disengaging position, means in connection with the housing for protecting said finger operated means against accidental operation, said construction enabling the operator to remove the releasable housing from the posts by grasping said releasable housing at its ends and pushing inward on said finger operated means while simultaneously lifting the releasable housing upward.

2,125,049
ELECTRIC SWITCH

James M. Hendrickson, McKeesport, Pa.
Original application November 11, 1933, Serial No. 697,600. Patent No. 2,095,251, dated October 12, 1937. Divided and this application October 11, 1937, Serial No. 168,388
9 Claims. (Cl. 200—33)

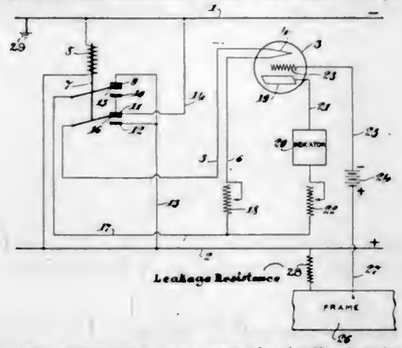


1. In an electric switch, the combination of a tube of nonconductive material and arranged to contain a liquid having current-carrying properties, an electrode arranged to be connected to one part of a circuit and exposed interiorly of the tube, the liquid being out of contact with the electrode while the tube is substantially horizontal, but making contact therewith when the tube is given the necessary inclination, a second electrode comprising a metallic conductor extending longitudinally of the tube and in contact with the liquid; said conductor being arranged to be connected to another part of the circuit, and ports spaced along the conductor for the travel of liquid therethrough, said ports diminishing in capacity toward the ends of the tube.

2,125,050
BODY CHARGE INDICATOR FOR TRACKLESS TROLLEY COACHES

Lyman C. Josephs, Jr., Allentown, and Lawrence J. Heine, Bethlehem, Pa., assignors to Mack Manufacturing Corporation, a corporation of Delaware
Application January 23, 1936, Serial No. 60,434
5 Claims. (Cl. 177—311)

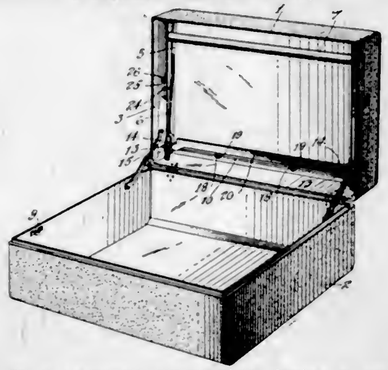
1. A device for indicating a charged condition of the frame of a vehicle having a power circuit comprising an indicator, an electronic tube having a filament, a plate and a grid, a polarized relay connected across the power circuit and having a plurality of contacts, circuits to connect the contacts to the filament of the tube and the power



circuits, a circuit to connect the indicator to the plate of the tube and one of the contacts, a circuit to connect the grid of the tube to the frame of the vehicle, and a battery in the last named circuit.

2,125,051
TRAVELING BAG

Abraham Levine, Elizabeth, N. J., assignor to Presto Lock Corporation, a corporation of New York
Application December 17, 1934, Serial No. 757,743
3 Claims. (Cl. 312—178)

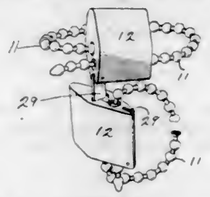


1. In a garment supporting device a pair of bars, means to support said bars in an upright position, U-shaped members attached horizontally to said bars, the inner legs of said members being adapted to support garment hangers, extension rods hingedly connected to the inner legs of said members, a cross-rod connected to said pair of bars, garment hangers having means to cooperate with the outer legs of the U-shaped members to prevent upward removal of the hangers, and means at the free ends of said extension rods engageable with said cross-rod to prevent removal of garment hangers from said legs.

2,125,052
CHILD IDENTIFICATION DEVICE

Thomas W. Ranson, Cleveland, Ohio, assignor to The Ranson Interlocking Marking System Inc., a corporation of Ohio
Application July 3, 1936, Serial No. 88,891
2 Claims. (Cl. 70—263)

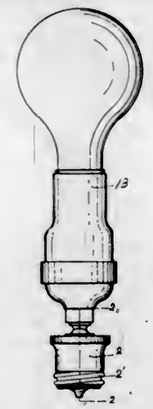
2. In an identification device including a pair of lock casings, the combination of flexible bands each secured at one end to said casings, and means within each casing for releasably locking



the other end of each band thereto, said releasable locking means of one casing being operable by a key permanently secured to the other casing.

2,125,053
ELECTRIC CONNECTER

Adam W. Scepaniak, Baltimore, Md., assignor of one-half to Martin Dorman, Baltimore, Md.
Application May 15, 1937, Serial No. 142,908
1 Claim. (Cl. 173—324)

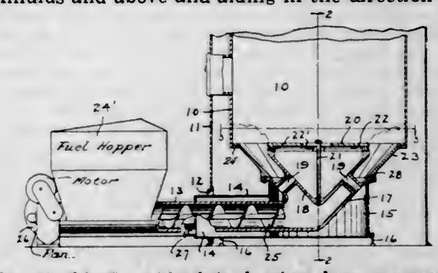


In combination, of an electric plug assembly comprising a housing, one end of said housing being provided with a screw thread and adapted to be screwed into a lamp socket, the other end of said housing with a recess receiving a ball joint, means extending over said ball joint and receivable within the outer end of said housing for movably retaining said ball joint within the outer portion of said recess, a compressible spring member extending between said ball joint and the bottom of said recess for regulating the friction on said joint, means on said ball joint for rigidly securing thereto a lamp socket, means extending through said plug and ball joint for electrically connecting the lamp socket in which said plug is screwed to the lamp socket rigidly secured to the said ball joint.

2,125,054
STOKER

Robert E. Stevenson, Indianapolis, Ind.
Application March 30, 1936, Serial No. 71,585
7 Claims. (Cl. 110—45)

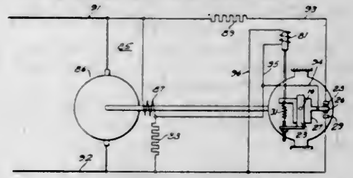
1. In an underfeed stoker for supplying solid fuel to a combustion chamber, means for placing said fuel in the form of an annulus within said chamber and in juxtaposition with the wall thereof, means for directing a blast of air across said fuel annulus toward the chamber wall and a circular rotatable plate covering the center of the annulus and above and aiding in the direction of



the air blast, said plate having lugs manually actuated to rotate the plate.

2,125,055
CONTROL SYSTEM

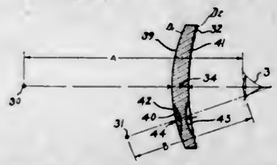
William R. Taliaferro, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 24, 1935, Serial No. 17,969
3 Claims. (Cl. 171—229)



1. In a motor control system, in combination, an electric motor, a field winding for said motor, a speed-responsive relay having a rotating member driven by said motor, a rotatable member magnetically actuated by the rotating member, spring means for governing the movement of the rotatable member to control the current in the motor field winding, thereby regulating the speed of the motor, and electro-magnetic means controlled by said rotatable member to vary the effect of said spring means.

2,125,056
OPHTHALMIC LENS

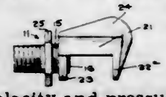
Edgar D. Tillyer, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application December 7, 1935, Serial No. 53,351
3 Claims. (Cl. 88—54)



3. A spectacle lens system for use in combination with another spectacle system for the other eye, for equalizing the size difference of images of the two eyes for different given object distances, having surfaces of different curvatures providing two fields, one adjacent the other, each field having prescriptive shape magnification and a prescriptive focal power for each of the said given object distances and a given position before the eye, comprising lens medium of

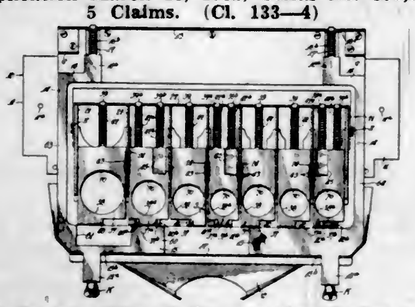
given index of refraction forming a major field of the lens and a minor piece of lens medium of a different index of refraction secured to said major piece and contributing to the formation of the minor field of the lens, said major field having a front optical surface and a thickness which combined together for a lens medium of said index of refraction and given position before the eye will produce the prescriptive shape magnification desired of said field, said minor field comprising pieces of lens medium of different indices of refraction secured together along the contiguous optical surfaces, the said minor field having a front optical surface thereon which when combined with the curvatures of said contiguous surfaces, thickness of said field and the respective indices of refraction of said mediums will produce the shape magnification desired of said minor field and each of said fields having a rear or ocular surface of such power that when combined with the other surfaces of said fields, thicknesses of lens mediums and indices of refraction of said mediums will produce the prescriptive focal powers desired of said fields with substantially no change of the shape magnification factors of said fields.

2,125,057
FIRE EXTINGUISHING SYSTEM AND APPARATUS
John C. Wood, Philadelphia, Pa., assignor to National Foam System, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application November 6, 1935, Serial No. 48,452
3 Claims. (Cl. 169—11)



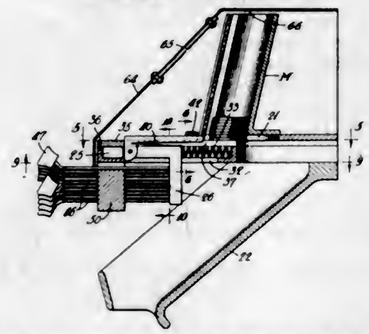
1. In a gas velocity and pressure reducing unit, in combination, a discharge nozzle providing for the discharge of a gas in the form of a jet having high velocity and pressure, means operatively associated with the nozzle for disrupting the jet and causing the gas to flow laterally and reversely of the original direction of the jet, said means including a baffle traversing the jet axis and a substantially semi-cylindrical shell coaxial with said axis, said shell being operative to direct the gas deflected by said baffle across the path of the jet as the latter issues from said nozzle.

2,125,058
CHANGE MAKING MACHINE
Stephen J. Bachardy, Allentown, Pa., assignor to Monex Corporation, New York, N. Y., a corporation of Delaware
Application March 18, 1932, Serial No. 599,659
5 Claims. (Cl. 133—4)



2. In a machine of the class described, a coin magazine to retain a plurality of stacks of coins, a plurality of flat superimposed horizontal selector bars, means mounting the bars and guiding them for sliding movement, each bar being of general U-shape to straddle one end of the coin magazine, keys connected to the legs of the bars for actuating them, coin trapping slides arranged under the coin magazine and actuated by said selector bars to entrap a coin as the bars are forced rearwardly by their keys and means for moving the coin trapping slides to coin ejecting position upon the release of said keys.

2,125,059
CHANGE-PAYING MECHANISM
Stephen J. Bachardy, Allentown, Pa., assignor to Monex Corporation, New York, N. Y., a corporation of Delaware
Application February 17, 1933, Serial No. 657,224
2 Claims. (Cl. 133—4)

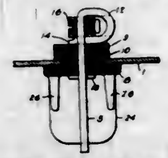


2. In a change-paying apparatus of the class described, a support plate, a coin magazine, said support plate having ejector carrier bar receiving recesses therein and an elongated opening in the bottom of each recess, ejector carrier bars slidably disposed in said recesses, said bars each having a downwardly-projecting arm extending through the elongated opening aforesaid, spring means for moving said bars in one direction, a cover plate disposed over said support plate for retaining said bars in said recesses and having coin pusher lever guide slots formed therein, a coin pusher lever projecting upwardly from each of said ejector carrier bars through one of said guide slots in the cover plate and engaging one end of said slot to limit the movement of said carrier bars in one direction, a notched selector plate slidably disposed beneath said support plate for effecting coin ejecting movement of said ejector carrier bars, and a gauge plate arranged above said cover plate for guiding engagement with said coin pusher levers.

2,125,060
BLADE TERMINAL FOR METERS
Thomas D. Barnes, Newark, and Walter G. Myllus, Summit, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 11, 1935, Serial No. 20,974
2 Claims. (Cl. 173—311)

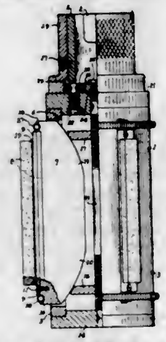
1. In an encased electro-responsive device having a flat terminal blade of conducting material, means for mounting said blade to project through an opening in said casing comprising a bushing member having an upstanding flange proportioned to extend through said opening and to conform to the edges thereof and a flange at right angles thereto confronting the casing

around said opening, a second bushing member on the opposite side of said casing having a raised central portion nested within the depression formed by said upstanding flange and a laterally extending portion overlying said upstanding flange and extending beyond it, a slot



extending centrally through each of said bushing members for receiving said blade, resilient means for maintaining said second bushing member out of contact with the edge of said upstanding flange, and means cooperating with the terminal blade for maintaining said bushing members and blade in operative position.

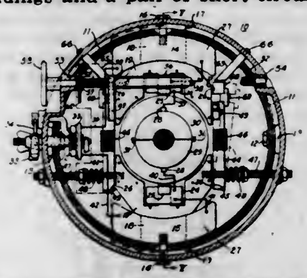
2,125,061
CYLINDER GRINDER
Raymond C. Benner and Romie L. Melton, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application November 16, 1934, Serial No. 753,261
3 Claims. (Cl. 51—184.3)



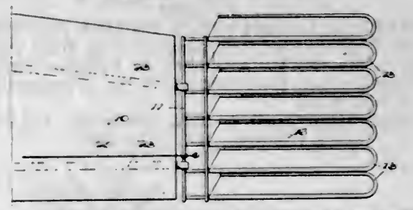
1. An abrasive element for a grinding tool comprising an adjustable abrasive carrier, an abrasive stone, a supporting flat member secured to the back surface only of said abrasive stone by means of a layer of resilient cement and detachably mounted on said abrasive carrier, the lateral faces of the abrasive stone being completely exposed and free from support.

2,125,062
DYNAMO-ELECTRIC MACHINE
John H. Blankenbuehler, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 15, 1935, Serial No. 26,871
32 Claims. (Cl. 171—227)

1. A dynamo-electric machine of the cross-field type comprising, in combination, an outer frame of cast construction, an inner frame forming a part of the magnetic circuit for the machine including a plurality of laminations having the width thereof disposed substantially parallel to the inner wall of said outer frame and secured thereto; a pair of field poles secured to and projecting inwardly from said outer frame to form an additional part of the magnetic circuit of the machine with said laminations, each of said field poles including a plurality of laminations disposed to be stacked to form the pole neck and a portion of the pole shoe, and a plurality of additional laminations disposed to be stacked with said last-named laminations to form the remaining portion of the pole shoe; a series field winding disposed around the pole neck of each of said field poles, an armature having a pair of main brushes connected to said series field windings and a pair of short circuited auxiliary brushes disposed between said field poles, movable magnetic shunt means disposed to bridge said field poles, adjusting means for variably positioning said magnetic shunt means to change the output of the machine, indicating means positioned within said outer frame and operatively connected to said adjusting means for indicating the output capacity of the machine corresponding to the position of said magnetic shunt means, and a window in said outer frame to permit inspection of said indicating means.



2,125,063
PROPULSION MECHANISM FOR AIRCRAFT
Richard H. Burgess, San Antonio, Tex.
Application May 27, 1936, Serial No. 82,119
5 Claims. (Cl. 244—72)



1. Propulsion mechanism for aircraft including in combination with a wing body, a wing tip hinged to the wing body and composed of a plurality of blades including flexible stems provided with lateral webs, the stems being resiliently twistable to torsionally resist but yield to both upward and downward deflection of the webs by the air as the wing tip is swung, and means for swinging said tip.

2,125,064
VARIABLE CAMBER WING FOR AIRCRAFT
Richard H. Burgess, San Antonio, Tex.
Application May 27, 1936, Serial No. 82,120
4 Claims. (Cl. 244—44)



2. In an aircraft, a wing formed of upper and lower sections movable toward and away from

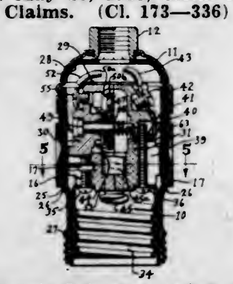
each other for varying the camber of the wing, a resilient channel strip connecting the sections at their forward extremities and forming the leading edge of the wing, links pivotally connected to the sections, a rail carried by said links bracing the strip at the bight thereof, and means for moving said sections.

2,125,065

ELECTRIC LIGHT FIXTURE

Harmon J. Cook, Torrington, and George E. Fitzgerald, Bridgeport, Conn., assignors to The Connecticut Electric Manufacturing Co., Bantam, Conn., a corporation of Connecticut

Application May 23, 1935, Serial No. 22,994
9 Claims. (Cl. 173—336)



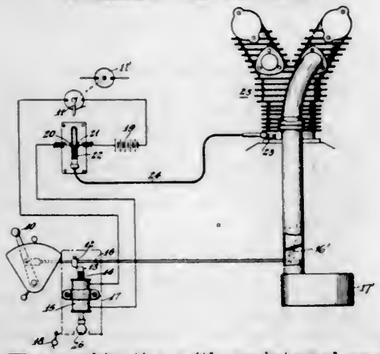
1. In an electric fixture, a casing, a removable interior insulating body located in said casing, said body having a side outlet tap, said casing having a side aperture in alinement with said tap, an insulating guide block having a portion fitting in and projecting out through said aperture and having laterally extending means inside said casing to retain said block in said casing, said body being unconnected with and freely removable from said casing without disturbing said block.

2,125,066

INTERNAL COMBUSTION ENGINE CONTROL

Louis Charles Cox, Brightwaters, and John Carisi, Jamaica, N. Y., assignors to Federal Aircraft Corporation, Lindenhurst, N. Y., a corporation of New York

Application April 1, 1937, Serial No. 134,270
6 Claims. (Cl. 123—198)



1. The combination with an internal combustion engine having throttle means for controlling the power output thereof, of a thermostatic device arranged to be responsive to the engine temperature, said thermostatic device having a pair of cooperating contacts, a source of electric current, an electrically actuatable blocking means normally restraining said throttle to be moved beyond a predetermined point, said blocking means, said source, and said contacts forming a control circuit, whereby with increase of the engine temperature beyond a predetermined value said blocking means is released to unlock said throttle means.

2,125,067

MEANS FOR PREVENTING THE ADHERENCE OF MOLTEN METAL TO AN OBJECT

Benjamin F. Davidson and Clarence F. Morse, Dubuque, Iowa, assignors to Mergenthaler Linotype Company, a corporation of New York

Application May 29, 1935, Serial No. 23,984
3 Claims. (Cl. 22—70)



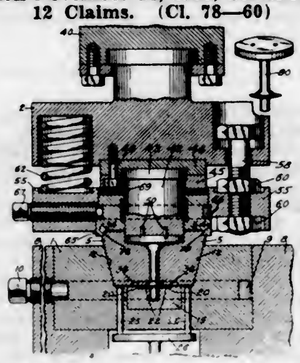
1. In combination, a pot containing a bath of molten metal, a reciprocable plunger rod so positioned in the pot that a section thereof is alternately carried below and above the level of the bath, and a metal shield carried by said rod, insulated from said section by confined air and of such length that the lower end thereof remains immersed in said bath and the upper end thereof remains above the level of the bath as the rod is reciprocated.

2,125,068

FORGING DIE

Philip W. Dempsey, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application November 14, 1935, Serial No. 49,724
12 Claims. (Cl. 78—60)



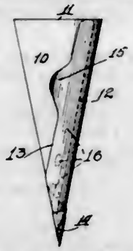
11. In a die forging apparatus, in combination, a base member having a frusto-conical die receiving recess therein, a die mounted in said recess and comprising complementary sections having cooperating blank forming cavities in the confronting faces thereof and being provided with a frusto-conical exterior cooperating with the recess in the base member, said die also having an opposed frusto-conical face and having a work blank receiving recess in the exposed face thereof, a head movable toward the base member, a guide member carried by the head and movable relative thereto, the guide member having a frusto-conical face adapted to engage said opposed face on the die on movement of the head towards the die, and a plunger carried by said head and guided by the guide member, the plunger being adapted to extend into the recess in the exposed face of the die only after engagement of the guide member with said die and after movement of the head relative to the guide member.

2,125,069

CUP FOR PACKAGING CONFECTIONS

Robert C. Fenner, Evanston, Ill., assignor to Dixie-Vortex Company, Chicago, Ill., a corporation of Delaware

Application July 24, 1933, Serial No. 681,845
6 Claims. (Cl. 99—180)



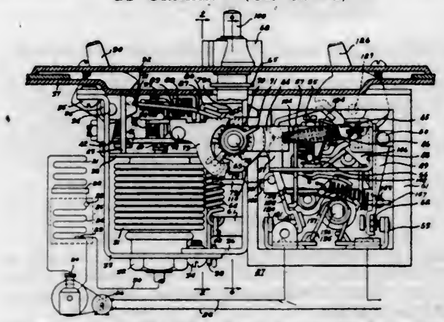
1. A protective wrapper for an edible confection having a seam defined by overlapped edges, and a projecting tab on one of said edges disposed between the ends of the seam, the edges on one side of the tab being secured together by an adhesive and the edges on the other side of the tab being free to enable a portion of the wrapper to be stripped without disturbing the protective character of the remaining portion.

2,125,070

REFRIGERATING APPARATUS

Albert O. Grooms, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application August 30, 1934, Serial No. 742,125
14 Claims. (Cl. 62—4)



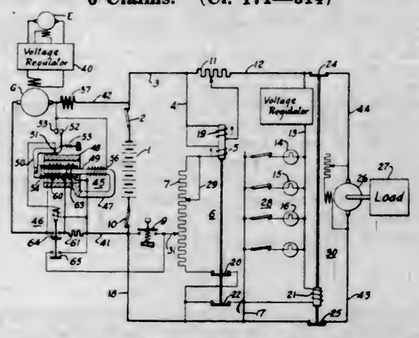
1. Refrigerating apparatus including an evaporator and means for supplying liquid refrigerant to and for withdrawing evaporated refrigerant from the evaporator, control means for normally controlling said supply means to normally maintain said evaporator at freezing temperatures, said control means including a common means capable of assuming a plurality of positions having a portion for periodically affecting the control to provide temperatures above freezing when in one position and having another portion effective when the common means is set in another position to render the periodic portion of the common means ineffective and to affect the control to automatically provide a temperature of the evaporator above freezing and thereafter again rendering the periodic portion of the common means effective and automatically returning the apparatus to normal control.

2,125,071

BATTERY PROTECTING CONTROL SCHEME

William M. Hutchison, Pittsburgh, and Ruel C. Jones, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 3, 1935, Serial No. 43,374
6 Claims. (Cl. 171—314)



1. In an electrical system of control for a battery, in combination, a battery, a load, connected to the battery, means for disconnecting the load from the battery, a second load connected to the battery, and switching means connected to be responsive to the cumulative effect of the load current of the battery and the current proportional to the voltage of the battery at the load current and adapted to disconnect the second load from the battery when the combined cumulative effect of the load current and the current proportional to the battery voltage decreases to a predetermined value.

2,125,072

SULPHO ACIDS AND PROCESS OF MANUFACTURE

Rudolf Kern, Oschatz, Germany, assignor to firm Chemische Fabrik R. Baumheier, Kommanditgesellschaft, Oschatz-Zschollau, Germany

No Drawing. Application August 6, 1935, Serial No. 34,893. In Germany January 23, 1935
9 Claims. (Cl. 260—108)

1. A sulphonation product of a compound obtained by condensation, said product having the general formula

$$R{-}X{-}SO_3H$$
$$\quad\quad R_1 \quad R_2$$

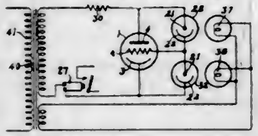
where X represents a polynuclear aromatic hydrocarbon, R represents a higher fatty acid radical, R_1 represents an alkyl radical of at least 6 carbon atoms, and R_2 represents a hydrogen atom equivalent chosen from the class consisting of hydrogen and alkylating agents derived from cyclohexanol and alcohols having less than 6 carbon atoms.

2,125,073

LIGHT-SENSITIVE SYSTEM

Dewey D. Knowles, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

Application April 23, 1930, Serial No. 446,482
9 Claims. (Cl. 250—41.5)



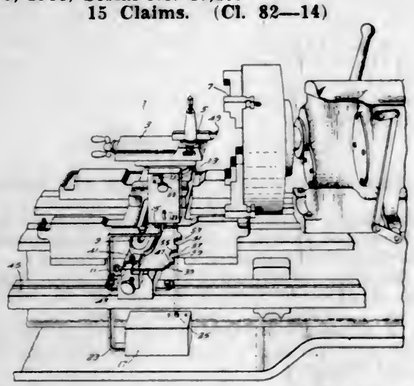
1. Translating apparatus comprising an electric discharge device having a control electrode and a plurality of principal electrodes immersed in a gaseous medium, said device having an energized condition and a deenergized condition and being capable only of abrupt transition from one condition to the other, a source of electrical energy for impressing potentials between the electrodes of said device to maintain said device in one or the other of said conditions, a photosensitive device coupled between the control electrode and a principal electrode of said device, means for energizing said photo-sensitive device to vary the condition of said electric discharge device, another photo-sensitive device coupled between the control electrode and another principal electrode of said electric discharge device and means, to be energized from said source, for energizing said last named photo-sensitive device to suppress variations in the condition of said electric discharge device that tend to arise by reason of variations in said source.

2,125,074

PHOTOELECTRIC MACHINE TOOL CONTROL

Thomas H. Long, Wakeeney, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Original application October 19, 1932, Serial No. 638,579. Divided and this application October 30, 1935, Serial No. 47,459
15 Claims. (Cl. 82—14)



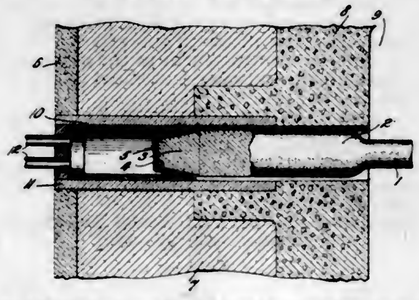
1. In a control system for a machine of the type including means for supporting a work piece and means for supporting a cutting tool to engage said work piece to shape it; a template corresponding to the desired configuration of said work piece and means for projecting a beam of radiant energy on said template, said radiant-energy projecting means comprising an aperture, means for illuminating said aperture, means for converging the rays emitted by said aperture on said template and means for varying the position of both said imaging means and said aperture to vary the dimensions of the image of said aperture on said template to correspond to the dimensions of the cutting edge of said tool.

2,125,075

ELECTRICAL HEATING ELEMENT

Duncan Mackenzie, Cream Ridge, N. J.

Application October 12, 1935, Serial No. 44,639
2 Claims. (Cl. 201—76)



1. Method of making a refractory heating element for electrical furnaces and the like, which comprises mixing finely divided flint and coke in the proportions of from equal parts of flint and coke to 72 parts flint and 18 parts coke by weight, heating the mixture to a temperature of approximately 3500 to 4500° F., cooling the resulting mixture and sifting same to obtain granules of substantially uniform size, heating such uniform granules to expel gases, mixing the resulting gas-free granules with a plastic binder and molding to shape, and heating the plastic element in the absence of air to burn out the binder.

2,125,076

PROCESS OF PRODUCING PIGMENTED PAPER AND IMPREGNATING IT WITH A RESINOUS BINDER AND THE PRODUCT

Gerald H. Mains, Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application December 12, 1933, Serial No. 702,022
9 Claims. (Cl. 154—2)



1. A molded laminated product comprising a plurality of sheets of paper impregnated with a resinous binder suitable for molding, a sheet of paper having a pigment dispersed throughout the body thereof and impregnated with a resinous binder superimposed on the other sheets, all of the sheets being molded into a unitary structure.

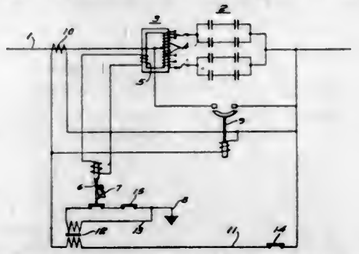
2,125,077

CAPACITOR PROTECTIVE SYSTEM

Ralph E. Marbury, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application September 26, 1935, Serial No. 42,181
2 Claims. (Cl. 175—294)

1. In an alternating current system of transmission and distribution, an alternating-current power circuit, a series capacitor bank included in said power circuit, said capacitor bank having a pair of sections connected in parallel branch circuits, a current transformer having a secondary winding and a pair of primary windings, said primary windings being connected in said branch circuits in such relative directions as to produce opposing magnetomotive forces and thereby reduce the magnetizing reactance of said transformer, said transformer having leakage reactance of insufficient value to produce resonance with said capacitor sections at the lower harmonic frequencies of line current of said power circuit, and a fault-responsive device connected to said secondary winding.



2,125,078

CLIP FOR SECURING TOGETHER THE COVERS AND RIBS OF UMBRELLAS

John A. Maxwell, Jr., Lancaster, Pa.

Application March 8, 1937, Serial No. 129,747
2 Claims. (Cl. 135—36)



1. A fastening for securing the fabric of the cover and ribs of an umbrella together at a point part way between the top notch and the rib tip, comprising a clip having a pair of leaves with free edges and malleable enough to be bent around a rib of the umbrella but sufficiently rigid to retain their shape when so bent, and having a back portion connecting and integral with the leaves, and having holes therein, in combination with a staple passing through the fabric of the cover and through the holes in the back of the clip, and having arms bent over on the inside of the clip, and a back lying against the fabric of the cover.

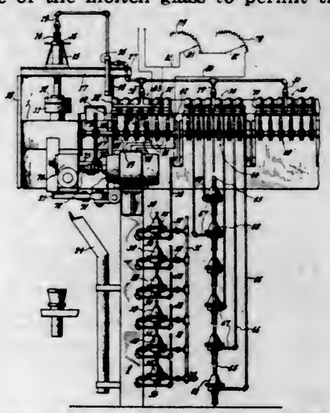
2,125,079

METHOD AND APPARATUS FOR FEEDING GLASS

William L. McNamara, Connellsville, Pa., assignor to Capstan Glass Company, Connellsville, Pa., a corporation of Pennsylvania

Application January 19, 1935, Serial No. 2,483
23 Claims. (Cl. 49—55)

1. The method of feeding molten glass charges of substantially constant weight, which method comprises maintaining a supply of molten glass over an orifice, subjecting the glass over the orifice to pressure above atmospheric pressure for forcing the glass out of the orifice and to pressure less than atmospheric pressure to restrict the flow, severing the successive charges below the orifice, and correcting for conditions which tend to produce variations in the weight of charges by changing the frequency of severing and of the application of pressures within predetermined limits to make relatively rapid changes in the weight and by changing the temperature of the molten glass to permit the frequency to remain within said predetermined limits.

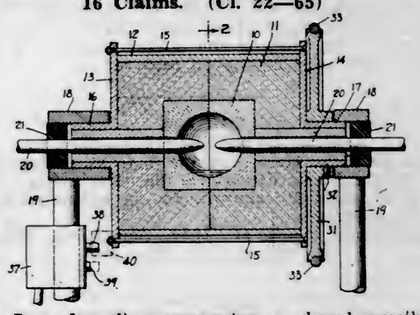


2,125,080

FOUNDING APPARATUS AND METHOD

Albert W. Merrick, Schenectady, N. Y., assignor to Austenal Laboratories, Inc., New York, N. Y., a corporation of New York

Application May 13, 1937, Serial No. 142,354
16 Claims. (Cl. 22—65)



1. In a founding apparatus, a closed crucible mounted for rotation about a horizontal axis passing through the crucible, the cross-sectional configuration of the interior of the crucible, transverse to the axis of rotation, being substantially circular, said crucible having a tangential passage extending from the interior to the exterior thereof, carbon-arc electrodes extending into the crucible along the axis of rotation, a mold, means for removably securing said mold to the crucible with the sprue in registry with the outer end of said passage, whereby a charge of molten metal may be fed directly into said sprue, and means for rotating said crucible at a speed sufficient to impel said molten charge into said mold by centrifugal force.

2,125,081

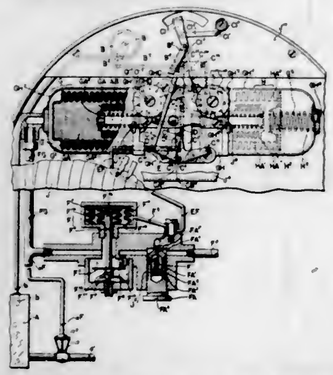
MEASURING AND CONTROL APPARATUS

Coleman B. Moore, Carroll Park, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania

Application October 4, 1935, Serial No. 43,487
Renewed September 7, 1937
37 Claims. (Cl. 236—82)

1. In a measuring and control instrument, the combination with an instrument casing having

a front cover movable to an open position to permit access to the casing interior, of mechanism within said casing comprising an exhibiting element adjacent the front of said casing, means for deflecting said element in accordance with changes in the value of a control condition, fluid pressure control mechanism including a valve adjustable to vary a control pressure, valve oper-



ating means through which the first mentioned means adjusts said valve, other valve adjusting means through which a variation in said control pressure adjusts said valve, and a rotatable device, accessible for adjustment from the front of the instrument when said cover is in its open position, for varying the operative effect of the last mentioned means on said valve.

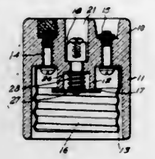
2,125,082

LAMP SOCKET

Charles McL. Moss, Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application April 14, 1934, Serial No. 720,602

3 Claims. (Cl. 173—358)



1. A lamp socket comprising a unitary body member of molded construction having a central longitudinal opening and concentrically disposed inner and outer annular projections on one face thereof forming an end recess, a plurality of concentrically-disposed stationary contact elements mounted within the recess formed by the outer projection, one of said contact elements being adjacent the outer projection and the other adjacent the inner projection, a one-piece movable contact element supported by and bodily movable within the central longitudinal opening of the body member and having one end thereof extending into the recess formed by the outer projection and the opposite end exposed for direct attachment to a current conductor, and spring means interposed between one end of the movable contact element and the bottom of the end recess for biasing said contact element toward the open end of the recess.

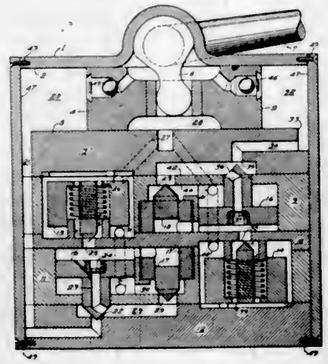
2,125,083

VALVE CONTROL SYSTEM

Gaylord W. Penney, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application December 18, 1934, Serial No. 758,042

19 Claims. (Cl. 188—88)



1. In apparatus having a chamber of variable volume and containing a fluid which fluid is to be maintained at substantially constant pressure, in combination, a chamber of variable volume, conduit means adapted to permit a flow of fluid from the chamber of variable volume to a region of relatively low fluid pressure, a multiplier valve in the conduit means, a control valve adapted to control the opening of the multiplier valve, whereby the multiplication of the multiplier valve is caused to vary as a function of the operating characteristics of said control valve, and means for maintaining the multiplication of the multiplier valve within a given range.

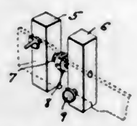
2,125,084

CURTAIN AND SHADE BRACKET

Armie Pinto, Detroit, Mich.

Application September 24, 1936, Serial No. 102,390

3 Claims. (Cl. 248—254)



1. A support for a combined curtain and shade bracket comprising a pair of blocks, means for spreading the blocks relative to each other for clamping against the side walls of a channelled structure and means projecting from the blocks outwardly with respect to the channel for securing a curtain and shade bracket thereto.

2,125,085

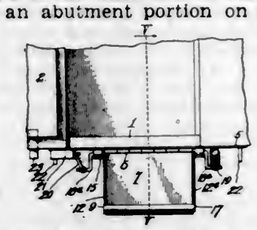
SAFETY FOLDING STEP

Austin R. Pool, Wetmore, Kans.

Application March 31, 1937, Serial No. 134,041

5 Claims. (Cl. 280—166)

1. In a folding step, a horizontal support, a riser hinged to said support, a tread hinged to the lower edge of the riser, a two-part brace, to limit the unfolding movement of the step, one part being rigidly connected to the tread and the other part being pivotally connected at one end to the support and at its other end to the first brace part, and an abutment portion on said second



brace member limiting unfolding movement of the step by contact with said support.

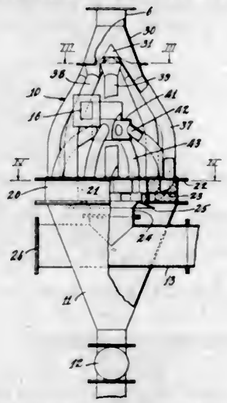
2,125,086

PNEUMATIC CLASSIFIER

Rupert K. Rourke, Lompoc, Calif.

Application January 29, 1935, Serial No. 3,895

10 Claims. (Cl. 209—144)



5. In a classifying and separating apparatus particularly adapted to efficiently separate lighter and finer particles from a heterogeneous mixture containing such particles, the combination of a cylindrical chamber provided with a closed top and an open bottom, a plurality of circumferentially arranged ports in the walls of said cylindrical chamber, means for introducing fluid bearing disintegrated material in suspension tangentially into the upper portion of said classifier chamber through certain of said ports to form a vortex within said chamber, means for tangentially introducing secondary fluid into the lower portion of said cylindrical chamber through other of said ports, two concentric outlets at the bottom of said cylindrical chamber, and a hopper surrounding said outlets, the outer annular outlet being adapted to discharge heavier and larger particles into the hopper, the inner outlet communicating with an outlet conduit.

2,125,087

AZO DYESTUFF PREPARATIONS

Albert Schmelzer, Cologne, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application July 20, 1937, Serial No. 154,632. In Germany July 25, 1936

10 Claims. (Cl. 8—45)

1. In the process of preparing azo dyestuffs from coupling components and such diazoamino compounds as contain acid solubilizing groups in the radical attached to the amino nitrogen and can be split off into the diazo compound and the amine by a reduction in the alkalinity of the preparation, the modification which comprises employing the diazoamino compounds at least partly in the form of salts with volatile bases, and developing the dyestuff by eliminating said volatile bases from such compositions by heating in the presence of moisture, whereby the acid groups set free by such elimination decompose said diazoamino compounds with the formation of the corresponding diazo compound and coupling of the diazo compound and the coupling component takes place.

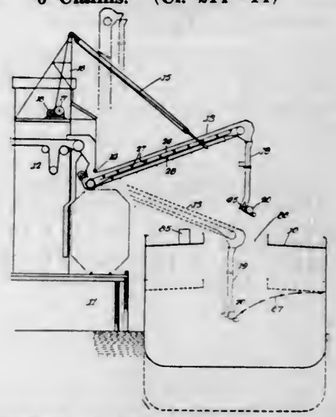
2,125,088

BOAT LOADING DEVICE

Alfred D. Sinden, Aurora, Ill., assignor to Stephens-Adamson Mfg. Co., a corporation of Illinois

Application July 15, 1937, Serial No. 153,795

6 Claims. (Cl. 214—14)



2. Apparatus for loading bulk pulverulent material into the hold of a ship comprising means for dropping said material in an enclosed stream through a sufficient distance to impart a relatively high gravitational velocity to the material at the end of its fall, in combination with a belt conveyor having an upper run driven in a concave path, and means mounting the conveyor to receive said material at the end of its fall, when it is dropping at substantially maximum speed, on the portion of the path of the belt having downward and horizontal motion components.

2,125,089

BUSHING STRUCTURE

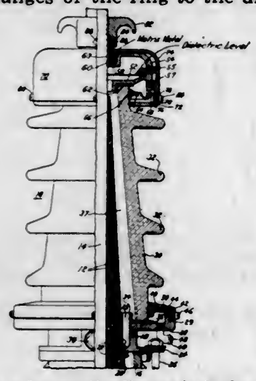
Alexander A. Skvortzoff, Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 9, 1936, Serial No. 104,838

7 Claims. (Cl. 173—318)

1. A bushing comprising, in combination, spaced conductor elements, a dielectric tube covering at least a part of the spaced conductor elements, a conductor extending from the spaced conductor elements and projecting through the dielectric tube, an annular ring having flanges extending outwardly in opposite directions from its outer edge disposed over an end of the dielectric tube, a sealing gasket between said end of the dielectric tube and the annular ring, means for retaining the ring in position over the end of the tube, means for sealing one of the oppositely ex-

tending flanges of the ring to the conductor to provide a hermetically sealed joint therebetween, means for sealing the other of the oppositely extending flanges of the ring to the dielectric tube



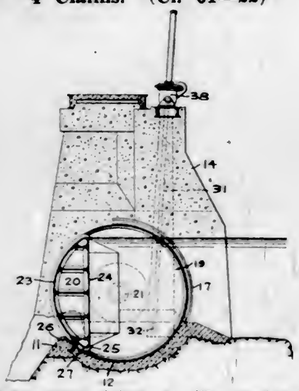
to provide a hermetically sealed chamber around the sealing gasket, and a housing disposed about the annular ring to protect the seals between the flanges of the ring and the conductor and dielectric tube.

2,125,090

ROTATABLE WATER GATE

Harry E. Smyser, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania

Application July 2, 1937, Serial No. 151,596
4 Claims. (Cl. 61—22)



1. A dam comprising a sill, upstanding end walls at each end of the sill, a circular pocket formed in each end wall, a movable gate, circular ends on the gate in the form of cylindrical drums rotatably mounted within the end pockets respectively of the dam, and mechanism eccentrically connected to a circular end of the gate for operating said gate.

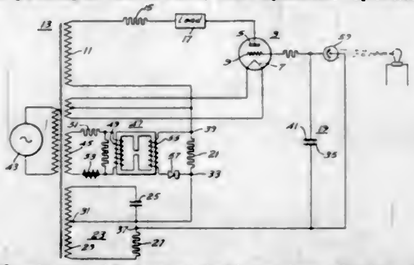
2,125,091

CIRCUIT FOR PHOTOTUBE CONTROL OF GRID-GLOW TUBES

Edwin H. Vedder, Forest Hills, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application April 14, 1937, Serial No. 136,871
19 Claims. (Cl. 250—27)

1. Translating apparatus comprising an electric discharge device having a control electrode and a plurality of principal electrodes, means for impressing an alternating potential between said principal electrodes, means functioning dynamically for impressing between said control electrode and one of said principal electrodes a potential such as to block a current flow between said principal electrodes, the dynamic operation



of the last said means taking place during the intervals during which the potential impressed between said principal electrodes is such as to preclude a discharge therebetween, and control means for counteracting said blocking potential, said control means operating to counteract said blocking potential at least during the said intervals.

2,125,092

INSULATED RUNNER FOR TROLLEY DEVICES

Nils A. Wahlberg, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 31, 1937, Serial No. 156,783
12 Claims. (Cl. 191—39)



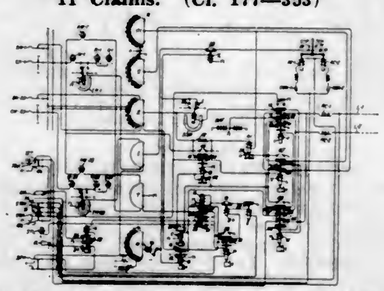
1. An insulating runner member for a trolley device comprising, in combination, a runner portion, a core member within the runner portion, and flanged arc-shield members molded integrally with the runner portion.

2,125,093

SUPERVISORY CONTROL SYSTEM

Leo D. White, Lansdowne, Pa., assignor to General Electric Company, a corporation of New York

Application May 18, 1937, Serial No. 143,316
11 Claims. (Cl. 177—353)



1. In a supervisory control system, a first station, a second station, two line conductors interconnecting said stations, selecting means at each station, each selecting means having a normal

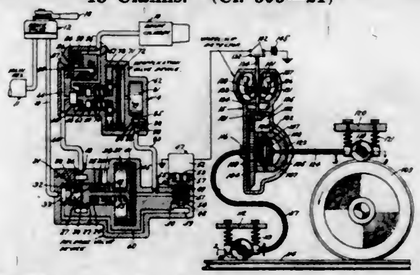
position, a relatively high impedance check circuit including a source of direct current and said conductors in series completed by said selecting means when both are in their respective normal positions, means for reversing the direction of current flow through said check circuit, means responsive to said reversal of current for decreasing the impedance of said check circuit, means responsive to the increased current in said check circuit produced by the operation of said impedance decreasing means for transmitting over said conductors impulses of opposite polarity, and means responsive to said impulses for effecting the synchronous operation of said selecting means.

2,125,094

VEHICLE BRAKE CONTROL APPARATUS

Edgar A. Work, Lancaster, Ohio, and Charles F. Hammer, Greensburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application May 6, 1937, Serial No. 141,106
18 Claims. (Cl. 303—21)



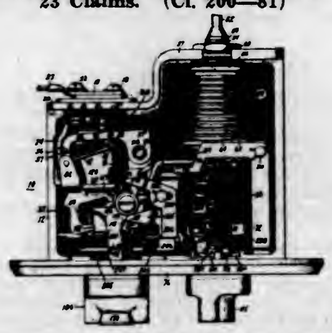
1. The method of operating vehicle wheel brakes which comprises effecting an application of the brakes to a certain degree, effecting a reduction in the degree of the brake application when a wheel starts to slip, effecting reapplication of the brakes when the wheel returns substantially to a speed corresponding to vehicle speed following the slipping thereof, and limiting the restored application of the brakes to a degree which is less than the certain degree which initiated the slipping of the wheel.

2,125,095

CIRCUIT CONTROLLING DEVICE

Ernest Zurcher, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application November 2, 1934, Serial No. 751,168
23 Claims. (Cl. 200—81)



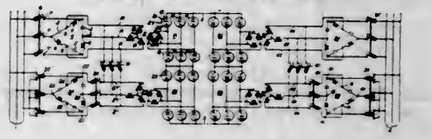
1. A circuit controlling device comprising circuit control means, operating means for operating said circuit control means to open and close the circuit, a tripping member, means mounting said tripping member for movement from a normal to a tripped position to operate said control means to open the circuit independently of said operating means, a releasing member, latching means forming a connection between said releasing member and said tripping member, a spring, means mounting said spring so as to apply a bias to both of said members, overload means normally restraining one of said members against said bias, and said latching means restraining said other member, said overload means being operable upon overload to release said one member for movement to release said connection between said members whereupon said tripping member operates said control means to open the circuit.

2,125,096

ELECTRIC POWER TRANSMISSION SYSTEM

Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application October 9, 1937, Serial No. 168,220
15 Claims. (Cl. 171—97)



1. In combination, a constant voltage alternating current circuit, a constant current direct current circuit, a plurality of electric circuits for transmitting energy between said constant voltage circuit and said constant current circuit and each comprising a monocyclic network for transforming constant voltage alternating current to alternating current of constant value, said monocyclic network being provided with constant voltage terminals and constant current terminals, a constant current alternating current circuit connected to said constant current terminals and electric valve means connected between the constant current alternating current circuit and the constant current direct current circuit, means for connecting the various constant current alternating current circuits of said electric circuits in parallel relationship to energize the various electric valve means from a single monocyclic network in one of said electric circuits, and means for selectively controlling the constant voltage terminal connections of another monocyclic net work to connect said constant voltage terminals thereof to said constant voltage circuit or to short circuit said constant voltage terminals.

2,125,097

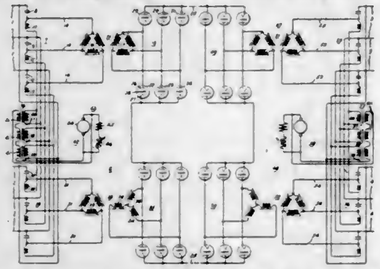
ELECTRIC POWER SYSTEM

Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application October 9, 1937, Serial No. 168,221
20 Claims. (Cl. 171—97)

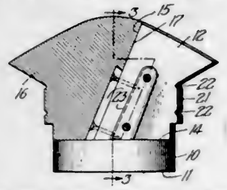
4. In combination, a plurality of constant voltage alternating current circuits, a constant current direct current circuit, a plurality of electric circuits each connected between a different one of said constant voltage circuits and said direct current circuit for transmitting energy therebetween, each of said electric circuits comprising a monocyclic network including a plurality of branches of reactances of opposite sign for transforming constant voltage alternating current to

alternating current of constant value, a constant current alternating current circuit and electric valve means connected between the constant current alternating current circuit and the direct current circuit, a network of inductive elements associated with the constant current alternating



current circuits to maintain a predetermined division of load current thereamong, and means for controlling the impedances of said inductive elements to control the magnitudes of the currents in the respective constant current alternating current circuits.

2,125,098
HAT FORM
John M. Benninger, Brooklyn, N. Y., assignor of one-half to Fannie Tannenbaum, New York, N. Y.
Application May 29, 1937, Serial No. 145,489
2 Claims. (Cl. 223—24)



1. A hat form comprising more than two members each having lateral hat-engaging portions adapted to be fitted together to make a complete form for tensioning a hat thereon, two of said members having sloped and engaging surfaces one of which members may be first retracted and thereby enable the form to be reduced in size and the hat-engaging portion of the said first retracted member to immediately retract from its hat tensioning and engaging position immediately upon sliding said first retracted member with the sloped surface with respect to the other member with the sloped surface.

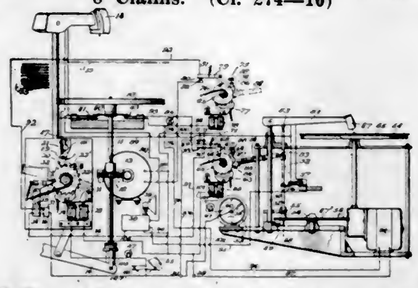
2,125,099
CLEANSING ARTICLE
George W. Brooks, La Grange, Ill., assignor to The S. O. S. Company, Chicago, Ill., a corporation of Delaware
Original application February 10, 1936, Serial No. 63,133, now Patent No. 2,079,600, dated May 11, 1937. Divided and this application April 9, 1937, Serial No. 135,841
2 Claims. (Cl. 15—122)

1. A combined metal wool and soap cleaning pad comprising a body of metal wool with soap distributed throughout its extent in two distinct portions, one portion entirely inclosing and surrounding the other portion to provide an inner and an outer portion, most of the soap in each portion being in the form of coatings about substantially all of the fibres of the metal wool and providing voids among the coated fibres, the soap coatings of the inner portion being of such different character from the soap coatings of the outer portion



as to provide an inner soap distribution having a slower rate of dissolving and hence forming a reserve soap supply for the outer portion of the pad.

2,125,100
PHONOGRAPH
Donald I. Coney, Detroit, Mich., assignor to N. Marshall Seeburg, Chicago, Ill.
Application November 19, 1936, Serial No. 111,607
8 Claims. (Cl. 274—10)

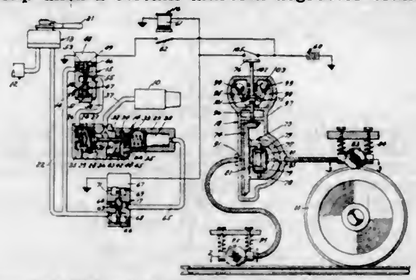


8. In combination, a phonograph, counting means operable in stepwise manner by the insertion of coins and operable stepwise in the opposite direction by the phonograph, a circuit for operating the phonograph, a switch in said circuit controlled by said counting mechanism, a second switch in said circuit, an auxiliary phonograph, a circuit for operating the auxiliary phonograph, a switch in said auxiliary phonograph circuit, a clock adapted periodically to close said switch, a second switch in said auxiliary phonograph circuit adapted to be closed at the end of the playing of each record by the first said phonograph, a relay operated by the closing of the last two said switches for opening the second switch of the first said phonograph circuit, and means operable by the auxiliary phonograph at the end of its playing for closing the second switch of the first said phonograph and opening the second switch of the auxiliary phonograph.

2,125,101
FLUID PRESSURE BRAKE CONTROL MECHANISM
Earle S. Cook, Wilkinsburg, and Charles F. Hammer, Greensburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 12, 1937, Serial No. 142,150
12 Claims. (Cl. 303—21)

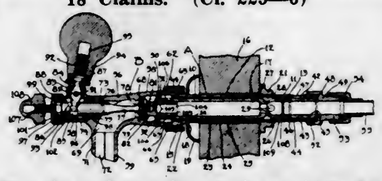
1. The method of operating vehicle wheel brakes which comprises effecting an application of the brakes, reducing the braking force at a rapid rate, upon the slipping of a vehicle wheel, for causing the wheel to return toward a speed corresponding to vehicle speed and cease slipping, restoring the braking force at a relatively rapid

rate when the vehicle wheel substantially ceases to slip until a certain uniform degree of braking



force is attained, and thereafter further restoring the braking force at a relatively slow rate.

2,125,102
BEER DISPENSING DEVICE
Richard T. Cornelius, Minneapolis, Minn.
Application June 19, 1937, Serial No. 149,102
18 Claims. (Cl. 225—6)

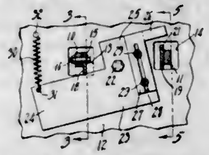


1. In a beer dispensing device, a body having a bore therein, a core within said bore forming in conjunction therewith an inlet chamber, an outlet chamber and an annular restricted passageway communicating with said inlet chamber and said outlet chamber, said passageway reducing the pressure of the beer without appreciable agitation, means forming a by-pass between said inlet and outlet chambers, means for guiding said core for axial movement within the bore, and means operable through movement of said core for varying the amount of beer passing through said by-pass.

2,125,103
METHOD OF MANUFACTURING COLORED SOLUBLE CELLULOSE
Emile de Stubner, New York, N. Y.
No Drawing. Application April 25, 1931, Serial No. 533,003
3 Claims. (Cl. 134—79)

1. An improved method for preparing a pigmented lacquer base which consists in the new step of first subjecting without grinding or rolling pressure a non-aqueous mix of nitro-cellulose and unground pigment solely to the kneading action of a mixing machine in the presence of a relatively small quantity of a liquid volatile solvent to initiate the chemical action of dissolving the nitro-cellulose simultaneously with the pulverization of the pigment and its dispersion throughout the batch, the said initial quantity of liquid solvent being insufficient to complete the dissolution of the nitrocellulose but of an amount to thereby maintain and control a high viscosity during the said kneading action thereby producing in the mass while being kneaded an internal attrition of pigment particles against pigment particles causing by such attrition alone the breaking down of the agglomerates and/or flocculates and dispersing the finely divided pigment throughout the film-forming vehicle, and subsequently introducing and working into the mass the remaining predetermined amount of solvent necessary to complete the dissolution of the nitrocellulose to change it into a continuous viscous phase.

2,125,104
VEHICLE BRAKE CONTROL MECHANISM
Arthur B. Ellery, Akron, Ohio
Application March 20, 1937, Serial No. 132,062
Renewed April 22, 1938
8 Claims. (Cl. 192—13)



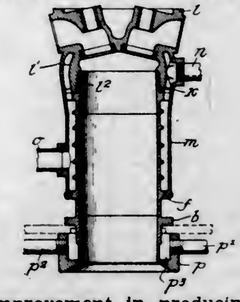
1. Mechanism for controlling the brakes of a vehicle having conventional clutch and brake pedals comprising, a lever pivoted intermediate its ends and between said pedals, means on one end of said lever engageable with said brake pedal to lock the latter in selected positions, means applying a force to the other end of said lever to constantly urge said first named means into engagement with said brake pedal to lock the latter, and means carried by said clutch pedal to prevent application of said force until said clutch pedal has been depressed a predetermined amount.

2,125,105
GLOW CATHODE
Werner Espe, Berlin-Siemensstadt, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application April 14, 1937, Serial No. 136,875
In Germany July 1, 1936
4 Claims. (Cl. 250—27.5)



1. A cathode for electron discharge devices comprising a plurality of core wires and a coating of alkali earth material thereon, one of said wires being of a material which exerts a reduction effect on said alkali earth material.

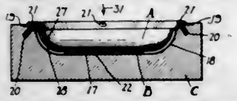
2,125,106
METHOD OF PRODUCING CYLINDERS FOR INTERNAL COMBUSTION ENGINES
Edward Fayette Gehret, Jersey Shore, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill., a corporation of Delaware
Application September 30, 1935, Serial No. 42,744
12 Claims. (Cl. 29—156.4)



1. That improvement in producing cylinders for internal combustion engines, which consists

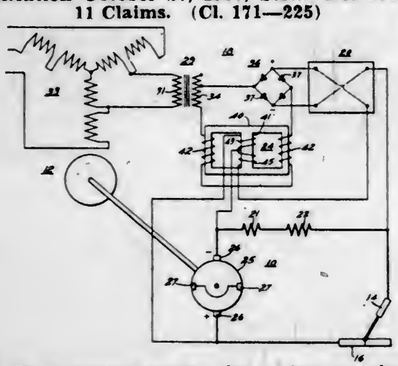
in heat and chemically treating a forged barrel, having a bore diameter of varying diameter along its length, machining the outside of the barrel, shrinking a head on the barrel, and heating the assembly, the variation in the bore diameter being such as to substantially compensate for the operations after the heat and chemical treatment.

2,125,107
ORNAMENTATION AND DECORATION OF SHEET METAL ARTICLES
Karl Ginter and Theodor Ginter, New York, N. Y.
Application March 18, 1938, Serial No. 196,714
6 Claims. (Cl. 113—52)



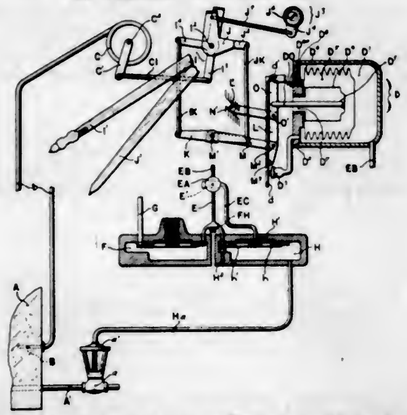
1. A forming construction for decorating and ornamenting the curved and inclined surfaces of thin hollow sheet metal articles and blanks of conical, spherical, ellipsoidal and similarly shaped articles comprising a base having a smooth unornamented and undecorated conformation of substantially the same shape and contour as the portion of the sheet metal article and blank to be decorated and ornamented and a forming plate having one side closely conforming to and contacting and being supported by said conformation over its entire area, said plate having piercings corresponding in shape to the desired decoration and ornamentation to be produced upon said article or blank, the thickness of said plate being substantially the same as the height of the desired decoration, said blank being collapsed into the piercings to form the ornamentation, said article or blank, plate and conformation all having substantially the same volume, contour and curvature.

2,125,108
CONTROL SYSTEM FOR GENERATORS
William R. Harding, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 27, 1937, Serial No. 171,363
11 Claims. (Cl. 171—225)



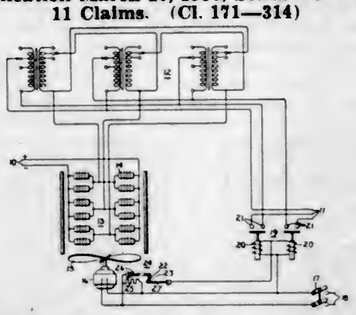
1. In a control system for a dynamo-electric machine having a plurality of field pole windings, a source of power, means including a polarity reversing switch for connecting one of said field pole windings to said source of power to provide for auxiliary excitation thereof, and means for normally limiting the flow of auxiliary excitation current in the field pole winding operable to momentarily increase the flow of auxiliary excitation current either upon operation of said reversing switch or an accidental reversal of the polarity of the machine.

2,125,109
CONTROL APPARATUS
Thomas R. Harrison, Wyncote, and Frederick W. Side, Philadelphia, Pa., assignors to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 18, 1935, Serial No. 32,028
69 Claims. (Cl. 236—82)



1. An air actuated controller comprising an air space, valve means regulating the pressure in said space, a device for adjusting said valve means in accordance with a control condition, and a mechanism which is responsive to changes in said pressure and is actuated on a change therein to give said valve means a second adjustment tending to a reverse change in said pressure and a subsequent adjustment opposite in direction to said second adjustment, and which comprises means adjustable to continuously and progressively modify the adjustment effect of said mechanism on said valve means.

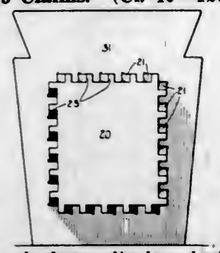
2,125,110
PROTECTIVE MEANS FOR FAN COOLED RECTIFIERS AND THE LIKE
Edgar A. Harty, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application March 10, 1936, Serial No. 68,061
11 Claims. (Cl. 171—314)



1. In combination, an apparatus characterized by the development of heat losses in operation, means to supply a current of cooling medium to said apparatus to remove said losses, thermostatic means, heating means for said thermostatic means, and means to energize said heating means continuously during operation of said apparatus, said thermostatic heating means being sufficiently cooled by said current to maintain operation of said apparatus during normal operation of the cooling medium supply means and said thermostatic heating means becoming sufficiently heated upon disablement of said cooling medium supply means to stop said development of heat losses.

11. In a rectifying apparatus for charging a storage battery from an alternating current circuit, said apparatus comprising a rectifier and a blower to supply cooling air thereto, charging terminals adapted to be connected to the battery, two switch means in series between the rectifier and the alternating current circuit, circuit connections between said terminals and one of said switch means to supply operating current thereto, means associated with said terminals to prevent flow of operating current to one of said switch means until the battery is connected to said terminals, a control circuit, a motor supplied with current from said control circuit to actuate said blower, and a thermostatic device arranged to control the flow of operating current from the control circuit to the other of said switch means, said device having a heater means continually supplied with current from the control circuit and adapted to be cooled by cooling air from said blower, said thermostatic device being so arranged that said other of said switch means is closed to connect the rectifier to the alternating current circuit during normal flow of cooling air from said blower and that said other of the switch means is opened upon stoppage of the cooling air.

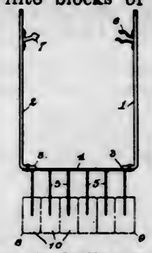
2,125,111
KNOCK-DOWN DISPLAY DEVICE
John V. Horr, Hastings on Hudson, N. Y., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y., a corporation of Delaware
Application May 25, 1938, Serial No. 209,912
15 Claims. (Cl. 40—126)



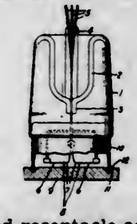
1. In a knock-down display device, a pair of superposed flat blanks one of which includes a panel cut and scored to define a succession of hinged louvers, the other blank having apertures slidably accommodating the free ends of said louvers, whereby a pure rectilinear separation of the blanks into spaced relation will slide the louvers into spaced transverse planes.

2,125,112
ICE CREAM ENROBER
Richard Ingham, Nashua, N. H.
Application September 24, 1937, Serial No. 165,400
4 Claims. (Cl. 91—6)

1. An ice cream enrober comprising a pair of comparatively stiff arms, a flexible member connecting said arms, and pins extending from said flexible member at right angles thereto adapted to be inserted into blocks of ice cream to be dipped, and means including said arms for holding said flexible member in its flexed position.



2,125,113
EVACUATED RECEPTACLE
August J. Kling, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application June 17, 1936, Serial No. 85,725
4 Claims. (Cl. 136—4)



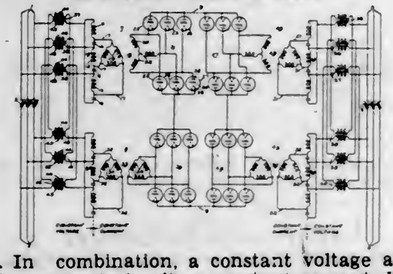
1. An evacuated receptacle containing a device responsive to radiation comprising an enclosing member, a radiation transmitting end plate and a silver chloride seal therefor, said enclosing member having a flexible metallic edge portion against which one face of said plate is pressed and which is not corroded by silver chloride.

2,125,114
STOCKING
Jack Kugelman, Philadelphia, Pa.
Application July 3, 1933, Serial No. 678,841
5 Claims. (Cl. 66—187)



5. A knitted stocking having a foot section consisting of a non-reinforced plain tight-knit instep fabric, and reinforced toe, sole and heel fabrics, at least one of said reinforced fabrics being fabricated throughout exclusively of plain "tight" and plain "loose" knit courses, while the reinforced fabric immediately adjoining it is fabricated entirely of plain 'tight" knit courses, said tight loop courses having greater elasticity than the loose loop courses and said loose loop courses having greater stretch than the tight loop courses whereby greater stretch is imparted to the first-mentioned of said immediately adjoining fabrics than to the last-mentioned thereof.

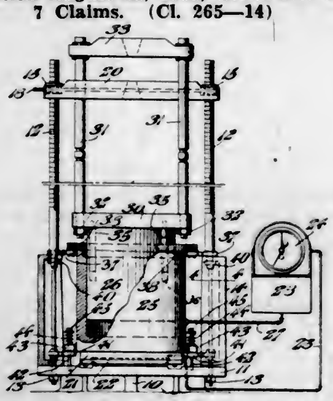
2,125,115
ELECTRIC POWER SYSTEM
William W. Kuyper, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application October 9, 1937, Serial No. 168,222
13 Claims. (Cl. 175—363)



1. In combination, a constant voltage alternating current circuit, a constant current direct current circuit, a plurality of electric circuits connected between said constant voltage circuit and said direct current circuit and each including a monocyclic network for transforming constant voltage alternating current into alternating current of constant value and an electric valve means connected between the monocyclic network and the direct current circuit, and means connected between the monocyclic networks and the constant voltage circuit for controlling the voltages impressed on said monocyclic networks to maintain a predetermined division of load among said electric circuits.

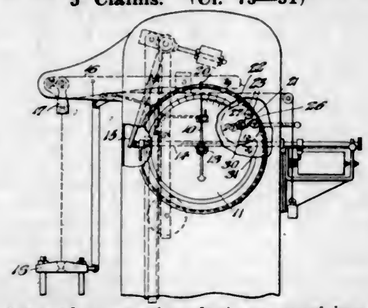
8. In combination, a plurality of constant voltage alternating current circuits, a plurality of constant current alternating current circuits, means connected in each pair of constant voltage-constant current circuits for transforming constant voltage alternating current into alternating current of constant value, and means connected between the respective constant voltage alternating current circuits and the associated transforming means for controlling the voltage impressed on the transforming means.

2,125,116
UNIVERSAL TESTING MACHINE
Bruce L. Lewis, Philadelphia, Pa., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
Application August 28, 1935, Serial No. 38,175
7 Claims. (Cl. 265—14)



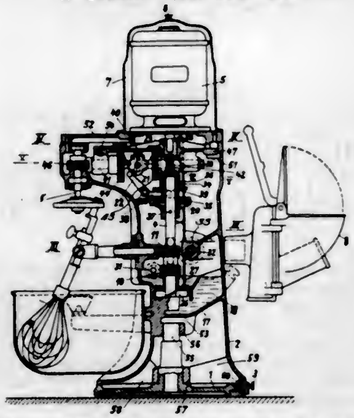
5. A testing machine comprising a base, straining rods fixed to said base, a yoke connecting said rods, a cross-head, loading rods mounting said cross-head superposed with respect to said yoke to receive a test specimen between them, a movable piston attached to said loading rods, a cylinder receiving said piston, a weighing mechanism supported on said base and supporting said cylinder, and hydraulic means for actuating said piston to cause said cylinder to operate said weighing mechanism.

2,125,117
SPEED COMPARING DEVICE
Robert B. Lewis, Philadelphia, Pa., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 26, 1933, Serial No. 690,994
5 Claims. (Cl. 73—51)



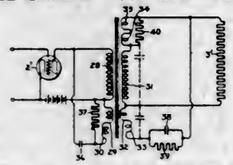
1. A speed comparing device comprising a circular track, a flexible member arranged to ride on said track, means to drive said member at a predetermined speed, a ring frictionally held upon said member, and a pointer attached to said ring for indicating the movement of said member.

2,125,118
MOTOR DRIVEN CULINARY MACHINE
Jakob Lips, Urdorf, Switzerland
Application July 28, 1937, Serial No. 156,073
In Switzerland July 23, 1936
1 Claim. (Cl. 192—3.5)



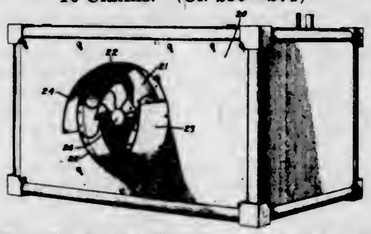
In a culinary machine having a rotary casing, a vertical main driving shaft journalled in said casing, and an electric motor on top of said casing connected to said main driving shaft; the combination of a stirring shaft with a clutch disc rotatable along with said main driving shaft, a bush having another clutch disc; a spring engaging said bush and pressing the second-mentioned clutch disc against the first-mentioned clutch disc, a worm rotatable along with said bush, a bell crank lever having a fork and a free arm; said fork engaging said bush and being adapted to move the second-mentioned clutch disc away from the first-mentioned clutch disc when said free arm is turned in a predetermined direction, a cam disc engaging said free arm and adapted to turn the same against the action of said spring, a knob connected with said cam disc, a horizontal branch shaft, a clutch sleeve movable upon said branch shaft, a groove being formed in said clutch sleeve, a pin on said cam disc engaging said groove for moving said clutch sleeve upon said branch shaft, a gear connected with said branch shaft and meshing with said worm on said vertical main driving shaft, and a speed changing gear connecting said stirring shaft with said branch shaft.

2,125,119
COUPLING TRANSFORMER
Harold T. Lyman, Milford, Conn., assignor to General Electric Company, a corporation of New York
Application June 2, 1936, Serial No. 83,057
11 Claims. (Cl. 178—44)



1. A coupling unit for coupling together two electric circuits for the transmission therebetween of alternating currents having component frequencies extending over a wide range, comprising a transformer having a core, sectionalized primary and secondary windings on said core, each of the sections of each of said windings having a resonant frequency different from the resonant frequency of each of the other sections of the same winding and substantially the same as that of one section of the other winding, and means including the inductive coupling between the primary and secondary sections having like resonant frequencies for providing a plurality of channels for transmitting currents having frequencies extending over predetermined portions of said frequency range.

2,125,120
DIRECTING VANE
Kenton D. McMahan, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 23, 1936, Serial No. 81,433
10 Claims. (Cl. 230—274)



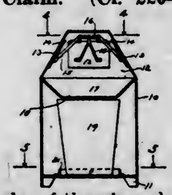
1. Directing vanes for a moving column of air having a rotational component about the axis of flow passing through an opening comprising two members circumferentially spaced apart around and extending axially from the opening in the direction of flow and having a decreasing radius of curvature in the direction of the rotational component of air moving through the opening whereby to produce a band of air without rotational component.

2,125,121
TERMINAL FOR ELECTRIC CABLES
Charles L. Marks, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application August 26, 1937, Serial No. 161,051
4 Claims. (Cl. 173—353)



1. A terminal for an electric cable comprising a chambered insulator, a support for the bottom end thereof, a cap for closing the top of the insulator, a terminal stud mounted on and extending outwardly through the cap, the stud having a bore at its lower end, a conductor within the insulator extending longitudinally thereof, a head firmly secured to the conductor having an extension at its upper end located within the bore on the stud in movable telescopic relation therewith, a supporting member secured to the lower end of the terminal stud, a means engaging the head and through which it extends located between the extension on the head and the member for limiting the downward movement of the head and conductor but permitting them to move upwardly due to expansion of the conductor, and a flexible connector secured at one end to the terminal stud and at the other end to the head for electrically connecting them, the connector being protected by the means from undue strains due to downward movement of the cable.

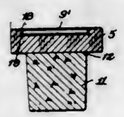
2,125,122
REFUSE RECEPTACLE
Luigi Mongiello, New York, N. Y.
Application December 8, 1936, Serial No. 114,749
1 Claim. (Cl. 220—32)



In a receptacle, of the class described, having a rectangular upwardly and inwardly sloping compartment; openings formed in the four sides of said compartment, doors hinged at their upper

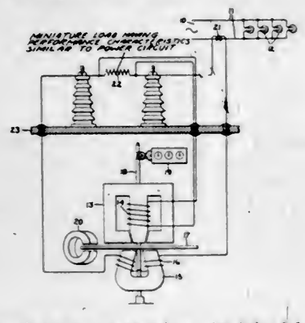
end and on the inner side of each of said openings, an arm secured to the rear of each of said doors, all of said arms extending upwardly and inwardly towards each other, and a single coil spring secured to the upper ends of all of said arms to yieldingly retain all the doors in their closed positions.

2,125,123
STOPPER AND METHOD OF MAKING THE SAME
Alfred R. Mottur, Brooklyn, N. Y.
Application December 3, 1937, Serial No. 177,910
4 Claims. (Cl. 215—48)



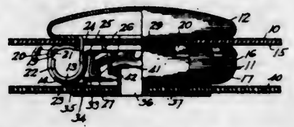
4. A stopper comprising a body, a disk-shaped wooden head formed with the grain thereof extending from the obverse to the reverse face, said head having a centrally positioned depression, and a disk positioned flatwise in said depression, the material of said head being more dense at the peripheral edge of said depression than at the remaining part of the head and positioned to pinch said disk so as to hold the disk frictionally against removal.

2,125,124
LOAD LOSS METER
William H. Pratt, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application September 9, 1937, Serial No. 163,102
3 Claims. (Cl. 175—183)



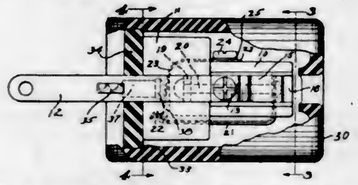
1. Apparatus for measuring electrical losses in electric power circuits comprising in combination with a power circuit, an impedance supplied with current proportional to the current in the power circuit, said impedance having a temperature coefficient of resistance like that of the power circuit and having substantially similar heating and cooling characteristics to that of the power circuit when the circuit and impedance are subjected to their respective proportionate currents and provisions whereby the impedance is maintained at substantially the same operating temperature as the operating temperature of the power circuit, and a meter having a current winding traversed by the current in said impedance and a winding traversed by a current proportional to the voltage drop in said impedance for obtaining a measurement of the product of the currents in said windings.

2,125,125
SNAP FASTENER SOCKET
Daniel I. Reiter, New York, N. Y.
Application July 2, 1937, Serial No. 151,731
6 Claims. (Cl. 24—216)



1. In a snap fastener socket assembly, a one-piece socket adapted to be arranged at the lower face of a sheet of material, said socket comprising an anvil portion forming the outer part of the socket, said anvil portion being slitted to provide a series of separate tongues at the terminal periphery thereof, a laterally raised portion at one edge of each of said tongues and providing a tab-receiving recess on the inner face of each of the tongues, a tab projecting from the other edge of each of the tongues into the recess of the adjacent tongue, an integral unslitted bend at the inner top edge of the anvil portion, and an innermost wall on the socket depending from the bend and slitted to provide a plurality of resilient stud-engaging fingers, the lowermost portions of said fingers being arranged above the bottom of the anvil portion and being rolled inwardly to subtend an angle of at least 180°, and pronged means adapted to be arranged on the upper face of the sheet and having parts thereon adapted to pass through the sheet and into engagement with the anvil portion and deflected thereby to hold the socket to the sheet.

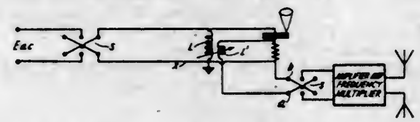
2,125,126
ELECTRIC CIRCUIT PROTECTOR
Durward S. Rivers, Indianapolis, Ind.
Application September 1, 1937, Serial No. 161,894
6 Claims. (Cl. 200—115.5)



2. In a circuit protector, a body carrying a pair of terminal prongs, means fixing said prongs in alignment on said body, a thermostatic metal strip carried by the body, a spring actuated member carried by the body and normally releasably engaged with said strip in series relation with one of said terminal prongs and a connecting terminal, whereby the circuit may be interrupted upon distortion of the strip through heat from a predetermined current overload to release said spring from said strip, a housing surrounding the body, a housing closure supporting said body, an indicating and reset button in the path of said spring guided and limited in outward travel through said closure, said prongs being carried through said closure, said housing having a portion projecting beyond said closure in the direction of said prongs, at least as far as the outward limit of travel of said button, said terminal comprising a spring member yieldingly pressed toward the body, and a second like terminal spring member electrically connected to the other of said prongs, said housing having openings arranged to permit engagement of other prongs

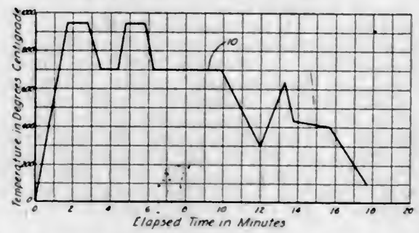
therethrough with said terminal members, whereby said protector may be used as an intervening adapter between the male and female parts of a standard connecting plug.

2,125,127
ELECTRIC PHASE CONTROLLING CIRCUIT
Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 9, 1935, Serial No. 48,991
8 Claims. (Cl. 179—171)



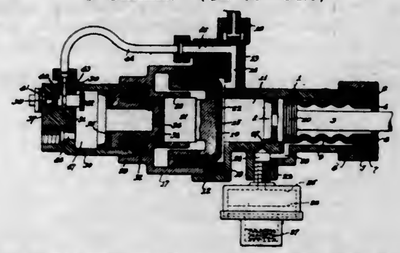
2. In a phase modulation system, an inductive reactance, a variable reactance and resistance in series in shunt with said inductive reactance, a second inductance inductively coupled to said first named inductive reactance and conductively connected to one terminal thereof, an amplifier and a frequency multiplier connected to the free terminal of said second inductance and to a point between said resistance and variable reactance, a utilization circuit connected with said amplifier and frequency multiplier, means for applying carrier wave energy to be modulated to said first named inductive reactance, and means for varying said variable reactance at signal frequency.

2,125,128
PROCESS OF HEAT TREATING STEEL
Edward L. Robinson, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 30, 1936, Serial No. 108,465
5 Claims. (Cl. 148—21.5)



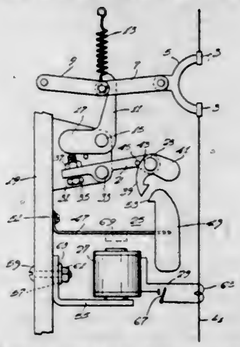
1. A process of heat treating low carbon steel which comprises heating the steel in a protective atmosphere at a temperature above the alpha-gamma transformation temperature of the steel to obtain a solution of carbon in gamma iron, cooling the steel to a temperature of between 900° C. and 700° C. to cause a precipitation of alpha iron, holding the steel at the temperature of between 900° C. and 700° C. for a period of time sufficient to permit the completion of the precipitation of alpha iron, subjecting the steel to a temperature above the alpha-gamma transformation temperature of the steel to obtain a substantially homogeneous resolution of carbon in gamma iron, cooling the steel to a temperature of about 300° C. to effect a retention of the carbon in solution, increasing the temperature of the steel to about 630° C. to cause a precipitation of carbides in the alpha iron, and quickly cooling the steel to render it ductile.

2,125,129
HYDRAULIC BRAKE ACTUATOR
Claude Sauzedde, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich., a corporation of Michigan
Application February 24, 1936, Serial No. 65,436
9 Claims. (Cl. 60—54.6)



9. A brake actuator comprising a low pressure chamber, a secondary chamber connected with the low pressure chamber, and a high pressure chamber, a piston in each of said chambers, the secondary chamber and its piston having a diameter larger than the other chambers and their pistons, the secondary chamber piston being movable by fluid displaced from the low pressure chamber and being connected to the high pressure chamber piston to move the latter in unison therewith, fluid conveying means connecting the low pressure and secondary chambers with the high pressure chamber, and control means for controlling communication between said chambers through said fluid conveying means, said control means having means extending into said high pressure chamber for actuation by fluid therein, and resiliently yieldable means normally holding said control open and adapted to hold said control open until a predetermined fluid pressure is present.

2,125,130
CONTROL DEVICE FOR CIRCUIT BREAKERS
Stanley T. Schofield, deceased, late of Wilkinsburg, Pa., by Martha M. Schofield, administratrix, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 31, 1936, Serial No. 118,577
18 Claims. (Cl. 200—106)



1. In a circuit breaker having relatively movable contacts biased to open circuit position and means for releasably holding said contacts in closed circuit position, the combination of a trip device comprising a vibratory mass, electromagnetic means for vibrating said mass with increasing amplitude, said mass being operable upon

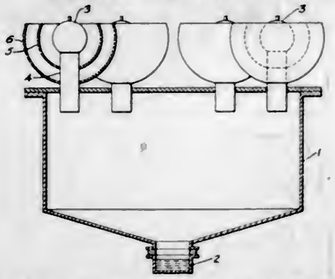
the attainment of a predetermined amplitude of vibration to effect release of said holding means to permit opening of said contacts.

2,125,131

METALLIC VAPOR DISCHARGE APPARATUS FOR HIGH VOLTAGES

Alfred Siemens, Berlin, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany

Application August 17, 1936, Serial No. 96,521
In Germany August 17, 1935
7 Claims. (Cl. 250—27.5)



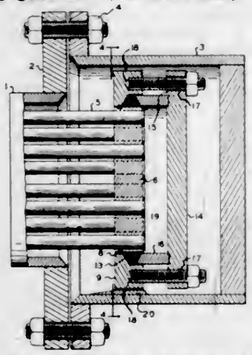
1. A high voltage vapor electric device comprising a metallic chamber enclosing the cathode, a plurality of anode tubes connected to said chamber, said tubes being composed of insulating material, an anode in each of said tubes adjacent the outer extremity thereof, a plurality of conducting shields respectively secured to said anode tubes external to said device, said shields being substantially spherical sectors so as to control the electric field between said anode and said chamber and the field between said anodes.

2,125,132

FLOATING HEAD FOR HEAT EXCHANGERS

William A. Stover, Tulsa, Okla., assignor to Petroleum Engineering, Incorporated, Tulsa, Okla., a corporation of Delaware

Application February 26, 1938, Serial No. 192,691
4 Claims. (Cl. 257—225)



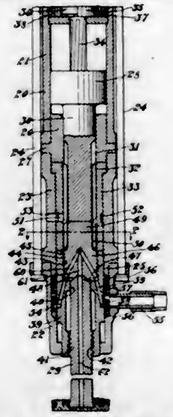
4. In a device of the character described, a floating head for tube nests comprising a tube sheet through which a plurality of tubes extend, a removable annular ring surrounding the peripheral edge of said tube sheet, registering grooves in the adjacent peripheral edges of said tube sheet and said annular ring, a split locking ring seated in both said grooves, an annular recess in said annular ring adjacent to the peripheral edge of said tube sheet, said recess extending from the outer face of said annular ring into communication with the groove therein, a packing element positioned in said recess, and a cap for closing the outer face of said tube sheet, said cap including a tubular sleeve member having one end encircling the peripheral edge of said tube sheet and extending into said recess into compressive relationship with said packing element and the other end closed by a flanged cover plate, and bolt means connecting the flange on said cover plate with said annular ring for drawing said cap and said annular ring toward each other.

2,125,133

CLEANSING DEVICE FOR ROCK DRILLS

Edward F. Terry, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application April 10, 1936, Serial No. 73,674
1 Claim. (Cl. 121—10)



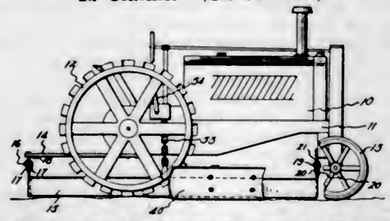
In a rock drill, the combination of a casing and a working implement extending thereinto and having a passage for cleansing fluid, a hammer piston for actuating the working implement, a hollow rotary member in the casing having internal ribs in engagement with the piston, a sleeve slidable in the casing and being threadedly connected to the working implement, means threaded into the sleeve and seating against the end of the working implement for transmitting the blows of the hammer piston to the working implement, an imperforate stem on said means having flutes to receive the ribs on the rotary member, and a supply passage in the sleeve and the said means for conveying cleansing fluid to the passage in the working implement.

2,125,134

TERRACING DEVICE

Robert C. Thompson, Brownwood, Tex.

Application July 27, 1936, Serial No. 92,853
12 Claims. (Cl. 37—155)



8. In a ground displacing device, the combination of a support arranged to be pivoted on a portable field machine so as to be free to swing in an upright arc, a ground-engaging element supporting the swinging side of said support, a blade carried by said mounting, the ground-engaging blade mounting pivoted to the support, and a gaging element forming a fulcrum on which said support and blade mounting may rock.

2,125,135

SAFETY RAZOR

Thomas C. Trippe, Maplewood, N. J.

Application October 22, 1936, Serial No. 106,932
4 Claims. (Cl. 30—87)



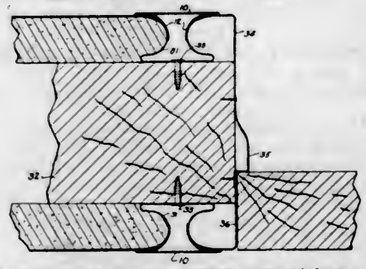
1. A safety razor comprising a blade holder, a handle having a yoke pivotally connected to the blade holder, a spring for biasing the blade holder to a predetermined position, a guard for the fore part of a blade, a trail pivoted to the blade holder and adapted to be held against the surface to be shaved, a spring for clamping the trail against the fore part of said blade, said trail spring also urging a blade forwardly against said guard, said blade holder and trail being movable to freely oscillate as a unit about the pivotal connection between the blade holder and handle to conform to the contour of the surface being shaved, the application of pressure to said guard and trail being capable of effecting a slight change in the inclination of a blade by slight rotation of the trail with respect to the blade holder.

2,125,136

WALL CONSTRUCTION

Jacob Trojanowski, Cleveland, Ohio

Application September 29, 1936, Serial No. 103,154
12 Claims. (Cl. 72—125)



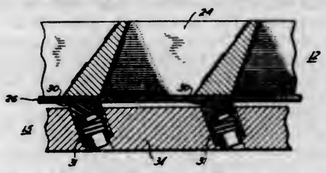
1. A structural frame device comprising a sheet of metal shaped to provide a supporting member and having a base, double wall flanges extending therealong and having inwardly protruding shoulder portions, and fins on the flanges lying in the plane of the base, a trim member comprising a sheet of metal shaped to provide a complementary channel having a base and flanges extending therealong and cooperable with the said shoulder portions to detachably secure the trim member to the supporting member with the base of the trim member overlying and concealing and resting against the flanges of the supporting member, and of substantially the same width as the spacing of the outermost ends of the flanges.

2,125,137

VALVE

Wolfgang Turnwald, Milwaukee, Wis., assignor to Nordberg Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin

Application November 27, 1936, Serial No. 112,931
5 Claims. (Cl. 251—129)



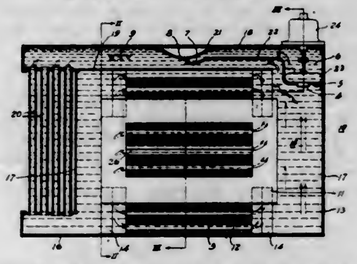
1. In a valve of the character described, a valve seating member including a valve seat, said member having nozzle-shaped openings therethrough, the axes of which are inclined from the vertical to direct fluid through the openings with a tangential component in one direction, a valve closure member covering said openings and seating on said seat and adapted to turn under the influence of the tangential component, and means to normally hold said valve closure against said seat.

2,125,138

TRANSFORMER COOLING SYSTEM

Fred J. Vogel, Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 29, 1936, Serial No. 82,437
3 Claims. (Cl. 175—361)



1. In a cooling system for transformers provided with a case having a top, bottom, end and side walls, coils mounted in the case, and a cooling medium for circulating through the coils, in combination, radiator tubes for controlling the temperature of the cooling medium associated with the case, a depending wall in the case extending across the case between the side walls from one end wall above the coils providing a channel within the case for delivering the cooling medium to the radiator tubes, a depending plate extending across the case between the side walls and projecting downwardly from the top of the case towards the depending wall to cooperate with the depending wall and the side walls to provide a constricted opening into the channel, a plate projecting outwardly from the other end wall and extending across the case above the coils substantially into the constricted opening, the plate cooperating with the depending plate, the depending wall and the side walls to provide a plurality of orifices extending across the case between the side walls for discharging the cooling medium through the constricted opening into the channel, means for drawing the cooling medium from one end of the coils and discharging it through one of the orifices into the channel to

force it through the radiator tubes and deliver it to the other end of the coils under pressure, the cooling medium being thereby caused to circulate through the coils under pressure, another of the orifices providing for a syphon discharge of the cooling medium into the channel while the cooling medium is being discharged under pressure from the other orifice, said syphon discharge being disposed for a syphon circulation of the cooling medium through the coils independently of the pressure discharge when the pressure discharge fails, and a barrier disposed about the core and coil assembly between the assembly and the depending wall and case for insuring circulation of the cooling medium through the coils when delivered to said other end of the coils.

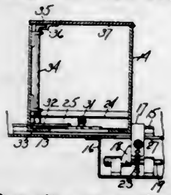
2,125,139

SAFE

Irving J. Wasley, Bristol, Conn.

Application September 14, 1936, Serial No. 100,586

13 Claims. (Cl. 109—1)



1. A safety deposit receptacle including a support, a locking member on said support, a box movably engageable with said locking member, means for automatically engaging said locking member with said box, a device for preventing disengagement of said box from said locking member, and means for locking said device to prevent its disengagement from said locking member.

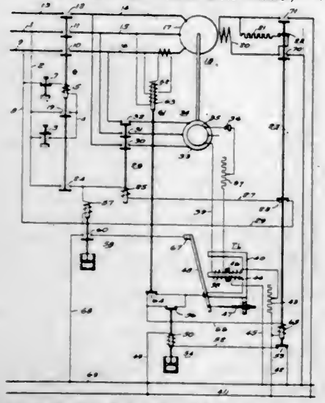
2,125,140

MOTOR STARTING CONTROL SYSTEM

Ralph H. Wright, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application January 29, 1937, Serial No. 122,996

19 Claims. (Cl. 172—289)



1. In a system of control for starting an electric motor, in combination, a source of alternating-current, an alternating-current motor having a primary winding and a secondary winding, means for connecting the primary winding to the source of alternating current to accelerate the motor, a source of direct current, means for connecting the secondary winding to the source of direct current, current generating means electrically separate and distinct from said motor but mechanically coupled to said motor, adapted to generate unidirectional current impulses having a frequency proportional to the slip of the motor, and means responsive to said current impulses adapted to cause the operation of the means for connecting the secondary winding to said source of direct current.

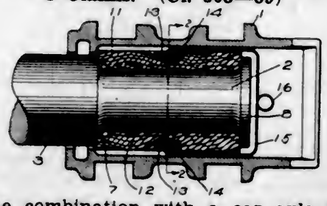
2,125,141

WASTE RETAINER FOR CAR JOURNALS

Perry E. Yancey, Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application November 5, 1936, Serial No. 109,269

3 Claims. (Cl. 308—89)



1. The combination with a car axle journal box having a journal therein and having a journal bearing in the upper part thereof resting upon said journal and extending around said journal a portion only of the distance to the horizontal plane extending through the axis of said journal, the lower portion of said journal box being adapted to contain oil soaked packing engaging the lower portion of said journal, a pair of scraper members extending lengthwise of said journal and adapted to engage the surface of said journal to remove packing adhering thereto, said members being arranged one at each side of the journal bearing and being adapted to engage the lower faces thereof, and a spring connected with said members at points substantially mid-way between the ends thereof, the spring extending substantially parallel to the axis of said journal and yieldingly pressing said members into engagement with the surface of said journal.

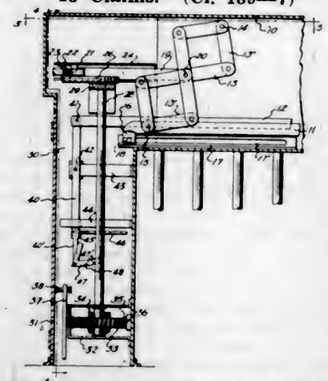
2,125,142

OPERATING MECHANISM FOR DOORS

James A. Youngblood, Dallas, Tex.

Application November 9, 1936, Serial No. 109,927

13 Claims. (Cl. 189—7)



1. A jail door operating mechanism including, a door propelling bar extending longitudinally over the jail cells and adapted to be connected with the jail doors, an actuating member movable in a fixed plane connected with said bar for actuating the same, and a pair of swinging crank arms connected with the member for imparting motion thereto, whereby the propelling bar and doors are operated.

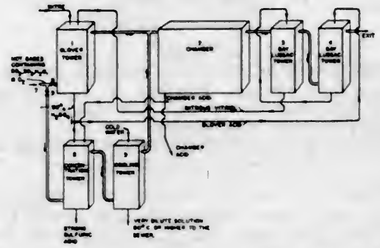
2,125,143

PROCESS OF RECOVERING SULPHURIC ACID FROM HOT GAS MIXTURES CONTAINING SULPHUR OXIDES

Fred C. Zeisberg, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application January 24, 1936, Serial No. 60,567

4 Claims. (Cl. 23—167)



2. In a process for producing sulphuric acid from a hot gaseous mixture comprising SO_2 and substantial amounts of SO_3 and H_2O, the steps of employing a portion of said gaseous mixture to denitrate nitrous vitriol, subjecting the balance thereof to cooling treatment under such conditions as to condense SO_3 and H_2SO_4 therefrom, thence subjecting said gaseous mixture to additional cooling, and under such conditions as to condense substantially all of the H_2O present therein without effecting removal of the SO_2 present, said additional cooling being effected by contacting said gaseous mixture with water in a tower, the liquid effluent from which is maintained above 80° C., discarding the H_2O condensate from the system, reuniting the SO_2-containing gas remaining with the portion of said gaseous mixture employed in denitrating nitrous vitriol, and submitting the reunited gas mixture to a chamber sulphuric acid producing reaction.

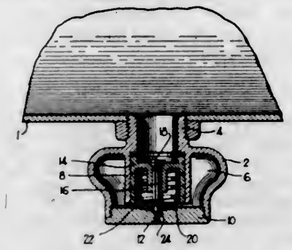
2,125,144

AUTOMATIC DRAIN VALVE

Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application August 14, 1936, Serial No. 96,009

11 Claims. (Cl. 303—88)



1. In a drain valve device for a reservoir, a body having a chamber therein, a movable element subject to the opposing pressures of the fluid in said reservoir and of the fluid in said chamber, and valve means operated by said element for controlling communication from the reservoir to said chamber and for also controlling communication from said chamber to the atmosphere.

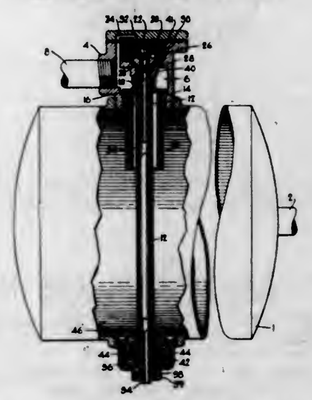
2,125,145

AUTOMATIC DRAIN VALVE

Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application August 29, 1936, Serial No. 98,518

13 Claims. (Cl. 303—88)



1. An automatic drain valve device for a reservoir comprising a body having a chamber therein, valve means operated on a predetermined reduction in the pressure of the fluid in said chamber below the pressure of the fluid in the reservoir for supplying fluid from the reservoir to said chamber, a release passage communicating with said chamber through which fluid is withdrawn from said chamber and consequently from said reservoir past said valve means, a movable element subject to the opposing pressures of the fluid in said chamber and of the fluid in a chamber adapted to be charged with fluid at reservoir pressure, a valve operated by said element for controlling a passage through which water accumulating in said reservoir may be drained, and means responsive to the level of the liquid in said reservoir for controlling the flow of fluid from said reservoir to said passage.

2,125,146

DEVICE FOR OPENING, DISCHARGING THE CONTENTS OF, AND MUTILATING CARTONS

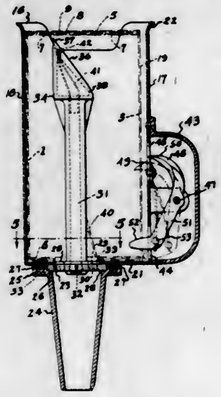
Samuel Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and Robert Morris Bergstein, as trustees

Application December 11, 1934, Serial No. 756,990

12 Claims. (Cl. 221—23)

1. In a device of the character described, a holder having a lower outlet and being liquid retaining for at least a portion of its height upward from said outlet, and having an upper opening through which a container containing liquid may be inserted with a wall down adjacent to said outlet, means extending up in said holder, having an upwardly presented cutting portion, adapted to form in said wall of said container an outlet opening incident to the act of pressing the container down in the holder,

and an air vent pipe independent of said upwardly presented cutting portion but shielded



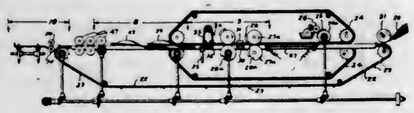
thereby to admit air above the liquid in the container through the opening thus formed.

2,125,147

MACHINE AND METHOD FOR MAKING KNOCK-DOWN BOXES

Samuel Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and Robert Morris Bergstein, as trustees

Application May 8, 1937, Serial No. 141,497
19 Claims. (Cl. 93—49)



1. In a machine for making boxes having extension edges, in flat or knocked-down form, from cut and creased blanks having side-walls connected to the main body panel by intermediate panels, and one pair of opposite side-walls having corner flaps articulated thereto, means for moving said blanks along, and in the course of motion means for making two separate lines of fold defining two exterior edges of the box while the blank is moving parallel to said lines of fold, and means for making six other independent lines of fold, while the blank is moving parallel said six lines of fold, four of said lines of fold being at corners and defining the interior area of the box, and the other two of said lines of fold defining the remaining exterior edges of the box.

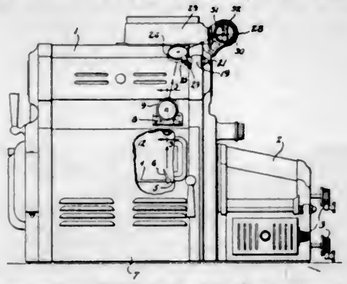
2,125,148

ARC INDICATOR SYSTEM FOR PROJECTION LAMPS

Neal Brenkert, Detroit, Mich.

Application January 29, 1937, Serial No. 123,026
2 Claims. (Cl. 176—51)

1. In combination with a projection lamp housing, an image indicator screen mounted on the rear wall thereof, a mirror mounted on said housing and positioned to receive light from the interior of said housing, an ear formed on said housing between said mirror and screen, a bolt in said ear, and another mirror supported by said bolt and positioned to reflect light from the first mirror to said screen, a collar loose on said bolt, a pin passed through said collar and bolt, and means for tightening said bolt in said ear, and another mirror supported by said pin and positioned to reflect light from the first mirror to said screen.

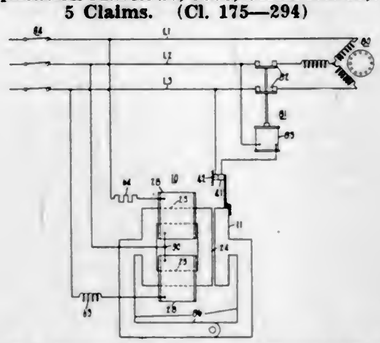


2,125,149

ELECTROMAGNETIC CONTROL DEVICE

William Henry Bruns, Yonkers, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey

Application March 20, 1936, Serial No. 69,761
5 Claims. (Cl. 175—294)



1. In a system of control for a polyphase alternating current motor adapted for connection to supply mains from a polyphase alternating current source of supply; a relay comprising, contacts for controlling the connection of said motor to said source, an armature, two cores extending toward said armature, an electromagnet coil mounted on each core, and a magnetic shunt for the ends of said cores adjacent said armature; phase displacing means; and means connecting said coils with said phase displacing means in circuit with one of them across different ones of said supply mains in such way that, when the voltages of said supply mains are in proper phase rotation, the majority of the flux produced in said cores by said coils flows between said cores and said armature, whereby the armature is pulled to attracted position only when the voltages of said supply mains are in proper phase rotation.

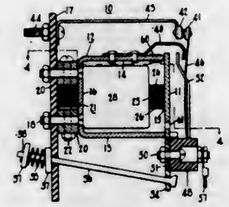
2,125,150

ELECTROMAGNETIC CONTROL DEVICE

William Henry Bruns, Lincolndale, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey

Original application March 20, 1936, Serial No. 69,761. Divided and this application March 3, 1938, Serial No. 193,612
1 Claim. (Cl. 175—337)

A relay comprising; a U-shaped core disposed in a horizontal plane; two blocks of magnetizable material connecting the open end of said core to close said core; two coils, one on each leg of said core; a magnet frame having a base secured to said blocks and two branches extending horizontally from said base, one above and one below said core; an armature pivotally supported on said lower one of said branches for attraction by said core upon energization of said coils, flux produced in said core by said coils for attracting the armature returning to said core from said armature through said frame; and a shading



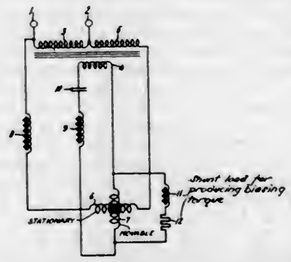
coil mounted on said other branch, said armature having a slot for crowding the flux received by said armature from said core when the armature is in attracted position upwardly so as to return a majority of such flux through the upper one of said branches, said armature engaging the outer edge of said upper branch when in attracted position, and said lower branch being formed with an arcuate outer edge against which the armature may rock when attracted to properly seat itself against the outer end of said upper branch.

2,125,151

ELECTRODYNAMICAL MEASURING INSTRUMENT

Hans Boekels, Berlin-Wannsee, Germany, assignor to General Electric Company, a corporation of New York

Application February 26, 1937, Serial No. 128,021
In Germany March 5, 1936
8 Claims. (Cl. 172—245)



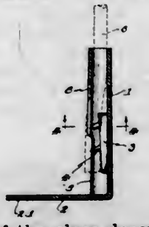
3. A frequency meter comprising in combination, a pair of relatively movable coils, reactances tuned to a given frequency connected in series with one of said coils to form a circuit, means for energizing said circuit and the second of said coils with alternating current of the frequency to be measured, and a loading element connected in parallel with the first of said coils said loading element having sufficient admittance to draw adequate induced current for biasing the coils to a position of minimum mutual inductance and sufficient impedance to have substantially no effect on the indicated measurement and torque of the movable coil.

2,125,152

SASH CORD FASTENER

Ernest H. Carlson, Chicago, Ill.

Application March 12, 1936, Serial No. 68,435
Renewed December 22, 1937
7 Claims. (Cl. 16—205)



1. A device of the class described comprising a tubular member having a bore tapered inwardly toward one end and opening therethrough, a wedging block slidably mounted in said tubular member and having a greater width than the small end portion of said bore, said block having greater thickness at the end nearest said small end portion of said bore than at its opposite end, and a plurality of backwardly extending pointed prongs projecting from one face of said block.

2,125,153

METHOD OF ROLLING COMPOSITE METAL STOCK

Thomas B. Chace, Winnetka, Ill., assignor to Clad Metals Industries, Inc., Chicago, Ill., a corporation of Illinois

No Drawing. Application March 15, 1937, Serial No. 131,007
23 Claims. (Cl. 80—60)

1. Method of working, such as rolling, a composite metal stock comprising a 0.1% to 3.5% silicon copper alloy and a ferrous alloy which includes heating the metal for hot rolling or annealing the metal for cold rolling sufficiently to soften the metal but without causing the formation of a brittle constituent at the union of the two metals.

2,125,154

WINDSHIELD HEATER FOR VEHICLES

James Patrick Dillon, New York, N. Y., assignor of one-third to Hannah Fuller, New York, N. Y.

Application November 11, 1936, Serial No. 110,251
1 Claim. (Cl. 15—250)



In combination with a windshield consisting of a pane of glass supported in a frame, a pipe line for fluid substance extending longitudinally through said frame, a cylindrical valve element rotatively extending transversely through said frame and pipe line and having a passage which connects the pipe line sections in one turned position, a handle on the inner end of said valve element for turning same, and a hollow arm for supporting a window cleaning element which is operable by said fluid substance, said arm being mounted on the outer end of said valve element and connecting with said passage and having a portion for supporting said cleaning element ex-

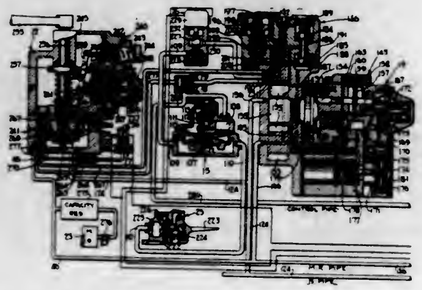
tending parallel to said pane, whereby said valve element may be turned to move said arm to cut off passage of said fluid substance and to simultaneously assume a different position.

2,125,155

BRAKE CONTROL FOR HIGH SPEED TRAINS

Clyde C. Farmer, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application May 6, 1936, Serial No. 78,079
27 Claims. (Cl. 303—21)



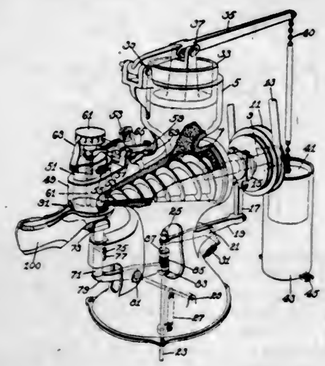
27. In a vehicle brake system, in combination, a rockable element, a shiftable fulcrum for said element, means operated according to the speed of the vehicle for progressively shifting said fulcrum in one direction as the speed of the vehicle progressively increases and for shifting said fulcrum in the opposite direction with a delayed action as the speed of the vehicle progressively decreases, and means controlled by said rockable element for controlling the degree of application of the brakes.

2,125,156

BOTTOM FILLING MACHINE

Sidney J. Finn, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application May 22, 1936, Serial No. 81,303
16 Claims. (Cl. 12—79.6)



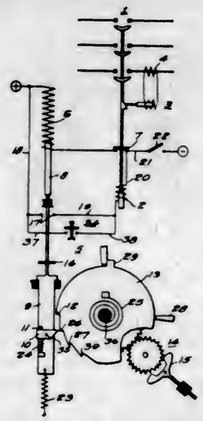
16. A shoe bottom filling machine having, in combination, means for delivering under pressure to the cavities in the bottoms of shoes plastic filler pieces all of the same outline, and an adjustable member manipulation of which varies the thicknesses of said filler pieces.

2,125,157

AUTOMATIC RECLOSING DEVICE FOR CIRCUIT BREAKERS

Gayne D. Gamel, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application February 20, 1937, Serial No. 126,864
5 Claims. (Cl. 175—294)



1. In a control device for a circuit interrupter having tripping means and closing means, the combination of a controlling member for the closing means movable between an advanced position and a retracted position and biased toward the retracted position, actuating means for moving the controlling member to the advanced position, time delay means for retarding the movement of the controlling member from the retracted to the advanced position, said time delay means comprising a ratchet member movable between an advanced position and a retracted position, means for retarding the movement of the ratchet member in both directions, the ratchet member being biased to retracted position, a pawl on the controlling member so positioned as to engage the ratchet member in the movement of the controlling member to advanced position to thereby retard the advancing movement of the controlling member in moving the ratchet member toward advanced position to allow free movement of the controlling member to retracted position, and to permit the ratchet member to be moved by its bias to its retracted position when the controlling member is in retracted position, means for limiting the advance of the ratchet member to a predetermined amount to limit the number of advancing movements of the control member within a predetermined time, means governed by the circuit breaker position for controlling the actuating means for the controlling member.

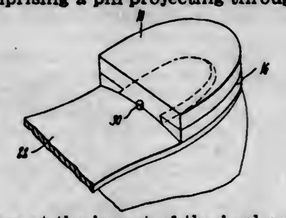
2,125,158

LOCKING DEVICE FOR REMOVABLE HEELS

George H. Gillis, Fitchburg, Mass.

Application March 20, 1937, Serial No. 132,011
3 Claims. (Cl. 36—36)

1. In a shoe, a heel base fastened to the shoe, a heel removably mounted on the base, said heel and base having interengaging portions preventing removal movement of said heel in every direction except forwardly in its own plane, and a removable obstructing element normally preventing forward movement of said heel, said element comprising a pin projecting through the sole



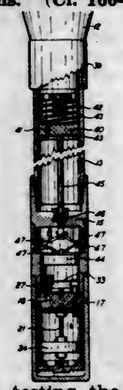
of the shoe at the breast of the heel and bearing laterally against said breast.

2,125,159

APPARATUS FOR TESTING WELLS

Dean Hanes, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla., a corporation of Delaware

Application August 17, 1936, Serial No. 96,394
4 Claims. (Cl. 166—1)



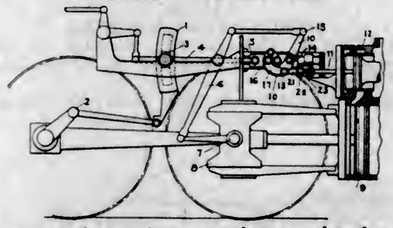
1. Apparatus for testing the formation in a well containing drilling fluid, including means for obtaining a sample of material in the well and means secured to the sampling means for recording the maximum temperature encountered by the sampling means during the time that the sampling means is in the well and means for recording the temperature of the sample at the instant that it enters the sampling means.

2,125,160

VALVE GEAR

Charles E. Hathaway, New York, N. Y.

Application March 14, 1934, Serial No. 715,442
10 Claims. (Cl. 121—163)



1. In a valve motion, a valve crosshead, a pin mounted in said valve crosshead, a valve lever swingingly mounted thereon, a valve stem and valve moved by said valve lever, means connecting said valve stem and said valve lever comprising an arm swingingly mounted between its ends on said valve lever, a link connected to one end of said arm swingingly secured to the valve crosshead and a pin in the opposite end of said arm and a link secured thereto connecting said arm to the valve stem whereby the radial distance of said pin in the end of said arm and the pin on which said valve lever is mounted is increased at the ends of the stroke and decreased near the center of the stroke to affect the speed of movement of said valve throughout its travel and to prevent vertical movement of the valve lever.

2,125,161

AMMONIUM NITRATE EXPLOSIVE

Thorvald W. Hauff and William E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 18, 1936, Serial No. 91,431
5 Claims. (Cl. 52—11)

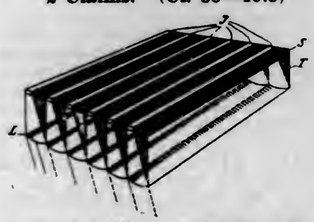
1. A high explosive composition characterized by relatively low denisty and comprising an organic explosive sensitizing agent and ammonium nitrate, said ammonium nitrate having an apparent density lower that 0.70 and a puffed porous texture as a result of subjecting a layer of molten ammonium nitrate of low water content to a pressure considerably lower than atmospheric thereby bringing about solidification, and subsequently disintegrating the dry solidified mass of low density material.

2,125,162

MANUFACTURE OF LENTICULAR STENCIL FILM

Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

Application June 9, 1936, Serial No. 84,326
In Germany April 30, 1932
2 Claims. (Cl. 88—19.5)



1. A lenticular film comprising an emulsion layer and in this emulsion layer a silver picture composed of alternating transparent and blackened stripes of which one transparent stripe and one blackened stripe are co-ordinate to one lenticular element, the central line of the transparent stripes positioned near the margin of the film being displaced towards the margin of the film with respect to the central line of the transparent areas positioned in the middle of the film.

2,125,163
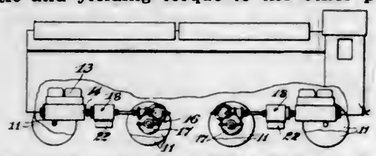
METHOD OF OPERATION FOR MOTOR DRIVEN VEHICLES WITH TURBO-TRANSMISSIONS

Oskar H. Hacker, Wiener-Neustadt, Austria, and Ernst Seibold, Heidenheim-on-the-Brenz, Germany, assignors to J. M. Voith, Heidenheim-on-the-Brenz, Germany, a copartnership composed of Walther Voith, Hermann Voith, and Hanns Voith

Application July 9, 1934, Serial No. 734,399½
In Germany July 10, 1933
1 Claim. (Cl. 60—97)

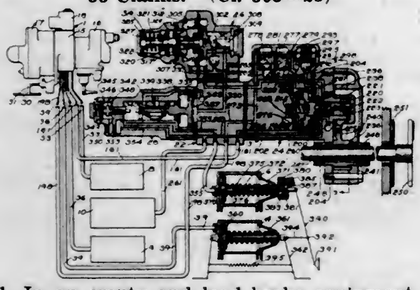
The method of controlling the speed of travel

of a land vehicle having at least two pairs of wheels which comprises, applying an elastic and yielding torque to one pair of wheels tending to drive the vehicle in one direction, applying an elastic and yielding torque to the other pair of



wheels tending to drive the vehicle in the opposite direction, and controlling the extent of the two elastic and yielding opposing torques whereby the vehicle may be caused to accelerate and decelerate in either direction of motion.

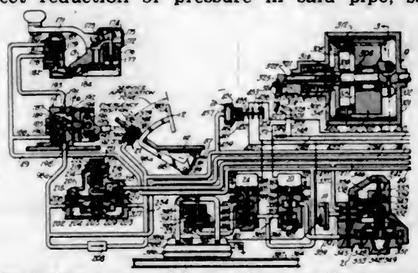
2,125,164
LOAD BRAKE DEVICE
Ellis E. Hewitt, Edgewood, and Ellery R. Fitch, Irwin, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 2, 1935, Serial No. 43,142
35 Claims. (Cl. 303—23)



1. In an empty and load brake equipment, in combination, a brake pipe, an auxiliary reservoir, a load reservoir, valve means operative by an increase in the pressure of the fluid supplied thereto for supplying fluid under pressure from the brake pipe to the load reservoir, and a valve device operated by an increase in the pressure of the fluid in the brake pipe to supply fluid under pressure from the brake pipe to the auxiliary reservoir and to supply fluid under pressure to the said valve means.

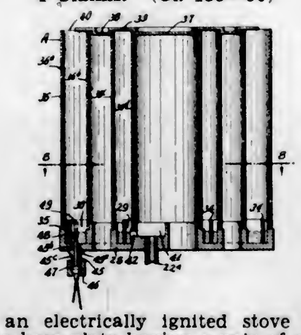
2,125,165
SAFETY CAR BRAKE EQUIPMENT
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 14, 1936, Serial No. 105,448
8 Claims. (Cl. 303—3)

1. In a safety car brake equipment, fluid pressure brake apparatus, electric brake aparatus, a self-lapping valve device operative to control application and release of the fluid pressure brakes, a controller device operative to control application and release of the electric brakes, a manually operative element for effecting simultaneous operation of the valve device and of the controller device, a pipe normally charged with fluid under pressure, an emergency valve device operative to an application position in response to a reduction of pressure in said pipe to effect an emergency application of the fluid pressure brakes, means operative in response to a reduction of pressure in said pipe to effect application of the electric brakes independently of said controller device, and a valve operative to effect reduction of pressure in said pipe, said



valve being operated by said manually operative element only upon a certain predetermined degree of movement of the element out of its normal position.

2,125,166
ELECTRICALLY IGNITED DISTILLATE OIL BURNER
John Jensen, New York, N. Y.
Application January 7, 1937, Serial No. 119,395
4 Claims. (Cl. 158—90)



1. In an electrically ignited stove or range burner, a base plate having a pair of concentric fuel oil holding grooves and troughs in the top side and a passage connecting said grooves, concentric perforated shells supported on each of the walls forming said grooves so that each groove is encased with a pair of said shells, an insulation member extended into one of said oil holding grooves, an incandescent wire supported on said insulation, said incandescent wire being adapted for connection in an ignition circuit, and a single continuous wick placed within both of the fuel grooves and extending above the fuel in said fuel groove.

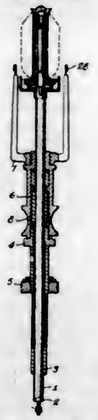
2,125,167
DUPLICATING MACHINE
Albert P. Lee, Chicago, Ill., assignor to Colorgraph Corporation, Chicago, Ill., a corporation of Illinois
Application April 7, 1938, Serial No. 200,601
20 Claims. (Cl. 271—42)



1. In a duplicating machine having a platen carriage, paper feed mechanism including means

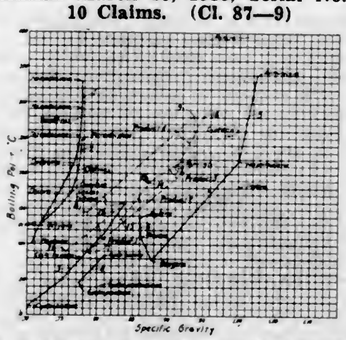
for supporting a stack of paper sheets, means including a reciprocable feed arm engageable with the topmost sheet of said stack and movable in one direction to advance said sheet into a predetermined position, and means operable by said carriage for moving said feed arm in feeding operation when the carriage is moved in a particular direction, said last-mentioned means being further operable to effect automatic rapid return movement of said arm independently of said carriage when the latter is moved to a predetermined position.

2,125,168
SPINDLE
Robert Leclercq, Lille, France
Application March 25, 1937, Serial No. 133,043
In Belgium March 30, 1936
4 Claims. (Cl. 118—63)



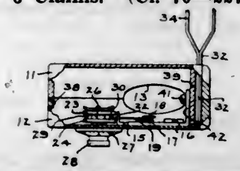
1. In a reversed flyer spinning spindle, a spindle shaft, a circumferentially toothed cup-like member secured to said spindle, a concentric tubular tube support frictionally connected with the cup-like member, a disc within the cup-like member and associated with the tubular support, a tube frictionally engaged with said support and resting over the disc, and means for winding thread over said tube.

2,125,169
LUBRICANT OF HIGH FILM STRENGTH
William J. Marsh, Niagara Falls, N. Y., assignor to Hooker Electrochemical Company, New York, N. Y., a corporation of New York
Application March 16, 1936, Serial No. 69,011
10 Claims. (Cl. 87—9)



1. A lubricant composition of relatively high film strength comprising a major proportion of a mineral lubricating oil and a minor proportion of an oily, liquid, relatively stable, substantially neutral and non-volatile chlorination product, miscible in all proportions at ordinary temperatures with said oil and containing not less than 45 per cent of largely substituted chlorine, such as would be produced by chlorinating a hydrogen-unsaturated petroleum hydrogenation product having a gravity above 0.78 and boiling between 89° C. and 281° C., such as would be produced by subjecting a light petroleum fraction to molecule-splitting conditions of temperature and pressure in presence of hydrogen.

2,125,170
BICYCLE LOCK
Henry F. Nelson, Danville, Ill.
Application October 30, 1936, Serial No. 108,328
6 Claims. (Cl. 70—227)



1. In a bicycle lock for attachment to a member adjacent a wheel thereof, a two-part housing, a member swingably carried by the housing to swing into and out of the path of the wheel, lock means carried by the housing normally retaining the swinging member in the wheel path, and a screw in the housing abutting said first member and concealed by said swinging member when in the wheel path and securing the two parts of the housing together.

2,125,171
BRUSH FOR HIGH INTENSITY ARC SEARCHLIGHTS
John F. Peters, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 27, 1937, Serial No. 128,202
13 Claims. (Cl. 176—119)

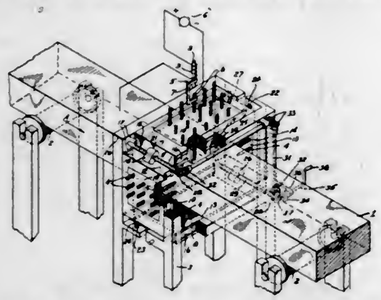


9. In an arcing device having an electrode which is rotated and fed to the arc, a brush for conducting current to the said electrode, said brush having a contact surface in the form of a V-shaped slot whose sides are curved surfaces.

2,125,172
PROCESS OF TREATING THE DEFECTIVE SURFACE METAL OF BILLETS OR THE LIKE
Augustus B. Kinzel, Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application July 29, 1932, Serial No. 625,637
Renewed October 10, 1936
15 Claims. (Cl. 148—10)

8. The process of treating a metal body such as an ingot, billet, or the like, which comprises hot rolling such a body to reduce its cross section; thereafter but before the body has cooled below a rolling temperature subjecting at least a por-

tion of the surface of said body to high temperature heat whereby to melt such surface portion to substantially the depth of surface defects thereon; and then further rolling said body to reduce its cross section.



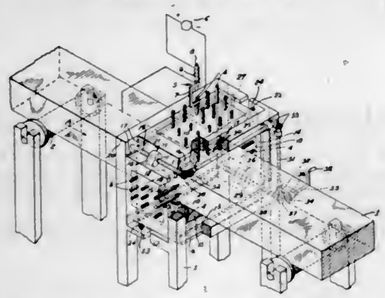
2,125,173

APPARATUS FOR TREATING THE DEFECTIVE SURFACE METAL OF BILLETS OR THE LIKE

Augustus B. Kinzel, Douglaston, Long Island, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Original application July 29, 1932, Serial No. 625,637. Divided and this application January 2, 1936, Serial No. 57,167

11 Claims. (Cl. 29—33)



1. In apparatus for treating steel bodies such as ingots, blooms, billets and the like after they have been rolled to reduce their cross section and before they have cooled below the rolling temperature, the combination with a roller conveyor, of a supporting frame disposed adjacent to said conveyor, said conveyor being adapted to feed and move said steel bodies past said frame; and means carried by said frame for progressively subjecting successive surface portions of each body, during its movement past said frame, to a high temperature fault removing treatment to remove substantially all of the surface defects.

2,125,174

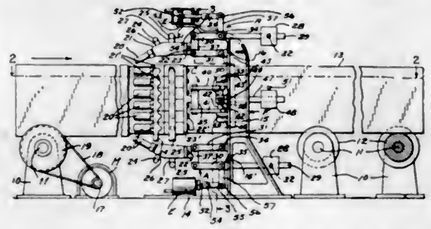
APPARATUS FOR REMOVING METAL FROM THE SURFACES OF METALLIC BODIES

Homer W. Jones, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application October 28, 1933, Serial No. 695,570

16 Claims. (Cl. 266—23)

1. Apparatus for simultaneously thermo-chemically removing a layer of metal from each surface of two opposite longitudinal sides of a ferrous metal body of rectangular cross-section, such as a steel billet, such apparatus comprising, in combination, nozzle means for simultaneously delivering a low-velocity voluminous stream of oxidizing gas obliquely against each of such surfaces to effect superficial metal combustion along zones extending across said surfaces; and mechanism for effecting continuous relative motion



of said nozzle means and said body lengthwise of said surfaces; the volume, velocity, and angle of impingement of such streams and the rate of such relative motion being so correlated as to maintain such combustion of superficial metal on each of said surfaces during such movement to produce continuous thermochemical removal of layers of metal from both of said longitudinal sides by a single pass of said body relatively to said nozzle means.

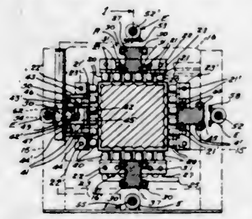
2,125,175

METHOD OF REMOVING METAL FROM THE SURFACES OF BILLETS OR SIMILAR METAL BODIES, AND THE PRODUCT

Homer W. Jones, Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Original application October 28, 1933, Serial No. 695,570. Divided and this application March 26, 1938, Serial No. 198,196

16 Claims. (Cl. 148—9)



9. The method of thermo-chemically removing a layer of metal from a surface of a body of ferrous metal such as a steel billet, which comprises relatively moving said body in the direction of its length with respect to a blowpipe device; delivering a high temperature heating flame and a voluminous low-velocity oxygen stream obliquely against a zone of metal extending completely across said surface to effect superficial metal combustion along such zone; so correlating the volume, velocity and angle of impingement of said stream and the rate of such relative movement that a substantially uniform layer of surface metal is removed from said surface; and during such relative movement, maintaining said surface of the body at a substantial angle to a horizontal plane to cause the slag which forms at the zone of combustion to flow transversely off the surface under the influence of gravity whereby substantially little fin material adheres thereon.

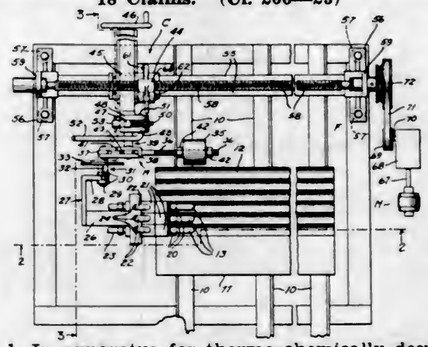
2,125,176

APPARATUS FOR REMOVING METAL FROM THE SURFACES OF METALLIC BODIES

Homer W. Jones, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application October 28, 1933, Serial No. 695,571

18 Claims. (Cl. 266—23)



1. In apparatus for thermo-chemically desurfacing bodies of ferrous metal, the combination with means for supporting a body in a position to be operated upon, of a gang of blowpipe nozzles adjustably mounted adjacent the surface to be removed, said nozzles being each adapted to ride in a channel which is formed on the body and positioned to be inclined constantly at an angle between 10 and 35 degrees to the direction on said surface in which it is to advance and provided with separate passages for oxidizing gas and heating gas, means for holding said nozzles rigidly in side-by-side relation, means for yieldingly holding said nozzles in a desired position with respect to said surface, and means for effecting relative motion between said body and said nozzles at a rate removing a relatively thin stratum of surface metal to substantially uniform depth along a channel.

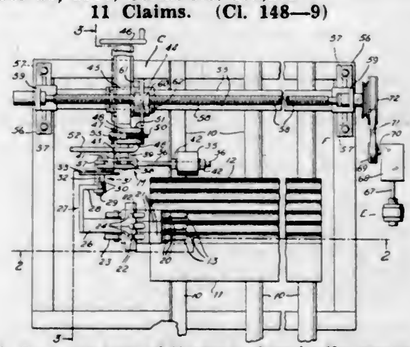
2,125,177

PROCESS FOR REMOVING METAL FROM A SURFACE OF A METAL BODY, AND THE RESULTING PRODUCT

Homer W. Jones, Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Original application October 28, 1933, Serial No. 695,571. Divided and this application December 29, 1937, Serial No. 182,171

11 Claims. (Cl. 148—9)



1. In a process of thermo-chemically removing a shallow layer of metal from a hot surface of a ferrous metal body, such as a steel slab or billet, in combination, applying a voluminous and relatively low-velocity stream of oxidizing gas at an angle obliquely against said surface, said stream having a relatively wide but narrow cross-section adjacent the area of impingement so as to effect superficial combustion of metal over a relatively wide area transversely of said surface, effecting continuous relative motion of said body and said stream longitudinally of said body at a uniform rate, and correlating the volume, velocity and angle of impingement of said stream and the rate of said relative motion to maintain combustion of superficial metal for providing continuous, shallow, thermo-chemical surface removal longitudinally of said body.

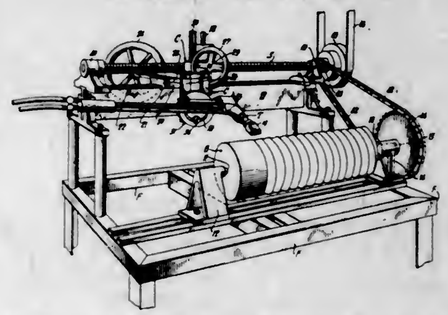
2,125,178

BILLET SURFACING PROCESS AND MACHINE

Herman Ulmer, Larchmont, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application October 29, 1935, Serial No. 47,249

16 Claims. (Cl. 148—9)



1. A process of thermo-chemically desurfacing bodies of ferrous metal, which comprises heating the surface of the body to the ignition temperature in the region where a desurfacing operation is to be initiated, applying a relatively voluminous oxygen stream that impinges on the surface of said body at an acute angle to the direction in which said operation is to advance, forming a channel leaving ridges at the sides, applying a second stream following the first positioned so as to remove a ridge, said streams being given a velocity below the acoustic of such value that the puddle which forms in the region of impingement is not punctured, causing the removal of a relatively thin stratum of metal from at least a major portion of the surface of said body, and maintaining the rate of advance and the angles of impingement constant and correlated with the oxygen stream velocity so as to produce a new surface envelope which has a fine grained structure, reveals deep faults, is gloss-smooth, uniformly hard and devoid of fins.

2,125,179

METHOD OF AND APPARATUS FOR REMOVING METAL FROM THE SURFACES OF METALLIC BODIES

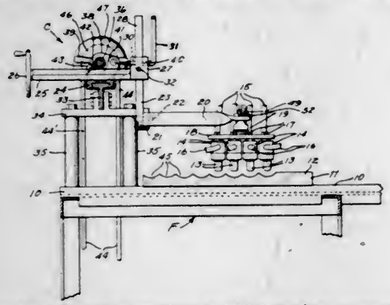
Edmund A. Doyle, Brooklyn, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application October 31, 1933, Serial No. 696,004

18 Claims. (Cl. 148—9)

9. Apparatus for thermo-chemically removing a layer of metal from a surface of a ferrous metal body, such apparatus comprising, in combina-

tion, blowpipe means constructed and arranged to deliver a heating medium and an oxidizing gas stream obliquely against said surface to effect superficial metal combustion along a transverse zone of said surface; a carrier for said blowpipe means; mechanism for effecting relative movement of said carrier and said body in a fixed direction substantially parallel to said surface;



and means for connecting said blowpipe means to said carrier, such connecting means including a pivoted member turning about an axis that is substantially perpendicular to the plane of said surface and arranged so that said blowpipe means may be set to deliver said gas stream at various angles measured laterally relative to said direction of movement.

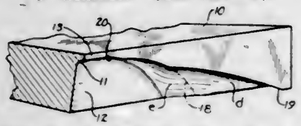
2,125,180

METHOD OF FLAME MACHINING

Herbert E. Serner, New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application May 7, 1935, Serial No. 20,167

9 Claims. (Cl. 148—9)



1. A method of flame machining in which metal heated surface metal is removed from a metallic member, which comprises simultaneously and progressively applying at least two oxidizing gas streams obliquely against and along such surface to produce and maintain a wet surface film, said gas streams penetrating into the surface at said wet film to oxidize and melt metal with the heat of reaction resulting from the oxidation of the molten metal heating metal ahead of the gas streams so that a wet surface film is always maintained at the surface portions acted upon by said gas streams, said method further including the step of directing said gas streams at different acute angles toward said surface to control the shape of the wet surface film and the manner in which it is formed at successive surface portions to produce a surface having a predetermined contour.

2,125,181

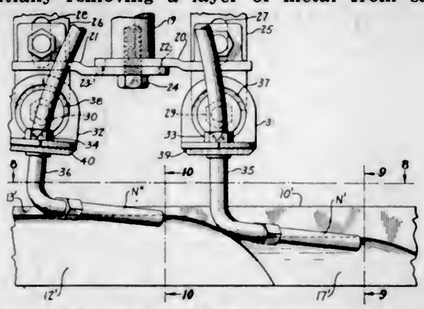
METHOD OF FLAME MACHINING

Homer W. Jones, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application May 7, 1935, Serial No. 20,168

9 Claims. (Cl. 148—9)

7. A method of shaping an edge surface of a metal plate which comprises simultaneously and progressively applying a plurality of oxidizing gas streams obliquely against heated surface portions of said edge surface, the first of said streams initially removing a layer of metal from said



edge surface, and a following stream impinging against another portion of the same surface and also against a part of the surface exposed by the preceding stream.

2,125,182

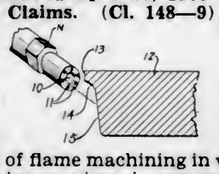
METHOD OF FLAME MACHINING

Wilgot J. Jacobsson, Elizabeth, and Melvin J. Harris, Cranford, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application December 4, 1934, Serial No. 756,000

Renewed April 23, 1938

14 Claims. (Cl. 148—9)



1. A method of flame machining in which metal at an ignition temperature is removed from the lower portion of a substantially vertical and initially exposed surface of a metallic body, such metal being removed to produce a cut having one edge thereof sloping inward and downward from an uncut portion of said surface, which comprises directing against said surface adjacent the uncut portion thereof a relatively low-velocity large-volume oxidizing gas stream inclined downwardly across and at an acute angle lengthwise of said surface; said stream being directed toward the successive surface portions from which metal is to be removed; and applying said gas stream progressively against successive portions of said surface.

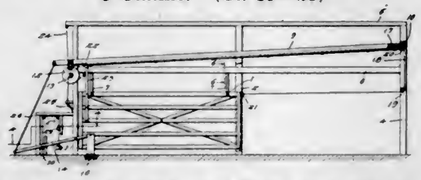
2,125,183

OPERATING DEVICE FOR CLOSURES

Martin S. Kirkpatrick, Elmendorf, Tex.

Application March 9, 1937, Serial No. 129,890

5 Claims. (Cl. 39—25)



1. A closure operating device including a closure mounted for sliding movement into either open or closed position, a supporting structure for said closure, a beam pivotally mounted on said supporting structure, sheaves journaled on the beam, means carried by the supporting structure to engage the sheaves for imparting rotation thereto by the pivotal movement of the beam, operating means connected to the beam for imparting pivotal movement thereto, and flexible means connected with opposite ends of the closure and engaged by the sheaves for sliding the closure by the pivotal movement of said beam.

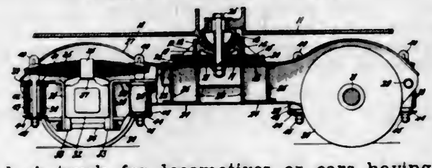
2,125,184

VEHICLE TRUCK CONSTRUCTION

Ole K. Kjolseth, Erie, Pa., assignor to General Electric Company, a corporation of New York

Application January 27, 1937, Serial No. 122,590

4 Claims. (Cl. 105—224.1)



1. A truck for locomotives or cars having a frame, a journal box, a longitudinally extending spring supported on said journal box, a vertically extending casing secured to said frame on each side of said journal box, a vertically extending sleeve of different diameter than said casing arranged substantially coaxially and in overlapping relation therewith on each side of said journal box and pivotally connected to the ends of said spring, and means including a resilient rubbery member vulcanized between said casing and said sleeve for securing them together and arranged to transmit relative vertical forces therebetween by shear stress of said resilient rubbery member.

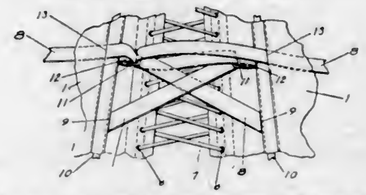
2,125,185

CORSET

Clifton Koford, Erie, Pa., assignor to The Nu-Bone Company, Inc., Erie, Pa., a corporation of Pennsylvania

Application September 11, 1936, Serial No. 100,324

2 Claims. (Cl. 2—39)



1. In a corset, the combination of corset sides having opposing edges; normally detachable top and bottom front portions overlapping each other; straps secured at opposing points at the rear of the corset; loops off-set in height from the points of securing the straps through which the straps are threaded and extended in a return direction; and securing means for the free ends of at least one strap between the overlapped portions of the front.

2,125,186

MEANS FOR TRANSPORTING GUNS

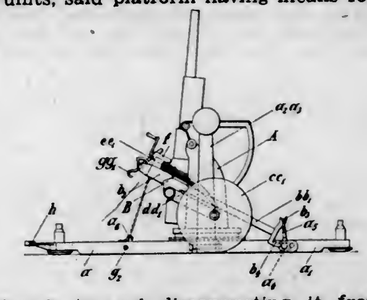
Alfred Krum, Dusseldorf-Eller, Germany, assignor to Rheinische Metallwaaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany, a corporation of Germany

Application September 23, 1935, Serial No. 41,785

In Germany January 22, 1934

4 Claims. (Cl. 89—40)

1. A gun mount comprising a platform and a pedestal fixed on the platform, a wheeled carriage for transporting the gun mount, said wheeled carriage comprising a forked frame straddling said pedestal and mounted above the platform, crank arms pivotally mounted on the frame, wheel axle units mounted on the crank arm adjacent the center of gravity of the mount, spring means between said frame and the wheel axle units, said platform having means for con-



necting it to and disconnecting it from the forked frame comprising coupling members on the platform forward of and to the rear of the pedestal and complementary coupling members therefor on the forked frame, and hoisting means mounted on one end of said forked frame and connected with said platform whereby said forked frame serves as a lever to raise and lower said gun mount.

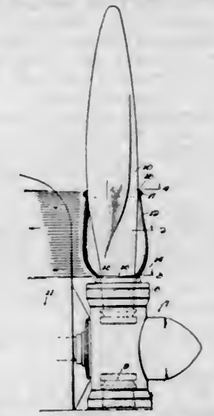
2,125,187

PROPELLER

Raymond P. Lansing, Montclair, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey

Application June 21, 1937, Serial No. 149,488

7 Claims. (Cl. 170—159)



1. In combination with an aircraft propeller blade having a substantially cylindrical inner end, a removable fairing of airfoil section surrounding and attached to said end.

2,125,188

IRONING BOARD CORD HOLDER

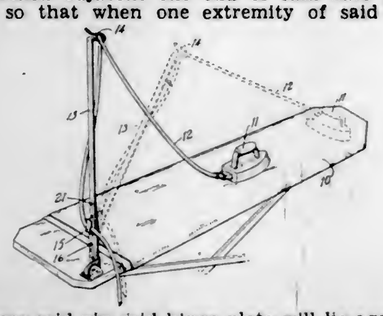
Benjamin Lieberman, Denver, Colo.

Application July 14, 1936, Serial No. 90,505

3 Claims. (Cl. 248—51)

3. An electric iron cord support comprising: an angle plate member having a horizontal base portion for attachment to a supporting surface and

a vertical portion projecting upwardly from one side of said base portion; a headed pivot pin projecting from the inner face of said vertical portion over said base portion; a vertical hinge plate lying against the inner face of said vertical portion and having a straight bottom edge normally resting on said base portion, said hinge plate having an inclined, elongated slot for the passage of said pivot pin, said pivot pin being positioned adjacent one end of said base portion so that when one extremity of said slot



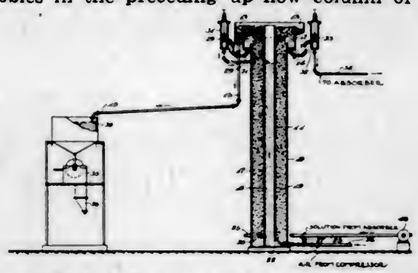
engages said pin said hinge plate will lie against said base portion and when the other extremity of said slot engages said pin said hinge plate may rotate until its bottom edge extends vertically; said hinge plate having a right angularly turned portion and having a lower edge extending at right angles to the straight bottom edge; said lower edge extending below said bottom edge to engage one extremity of said base portion; and means for attaching an electric iron cord supporting member to said hinge plate.

2,125,189
METHOD FOR THE PURIFICATION AND SEPARATION OF ARYL SULPHONIC ACIDS
William M. Lofton, Jr., Chicora, Jennings H. Jones and Arthur K. Pyle, Petrolia, and Alvin A. Hoffmann, Bellevue, Pa., assignors to Pennsylvania Coal Products Company, Petrolia, Pa., a corporation of Pennsylvania
No Drawing. Application September 9, 1936, Serial No. 100,032
13 Claims. (Cl. 260—159)

13. In a process of purifying and separating hygroscopic aryl sulphonic acids from a slurry containing a mixture of precipitated sulphonic acid and a solution of impurities, the step comprising filtering the sulphonic acid from the slurry under dehydrating conditions.

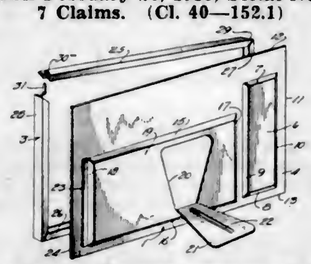
2,125,190
GAS AND LIQUID CONTACT APPARATUS AND METHOD
Fred Denig, Pittsburgh, Pa., and Herbert A. Gollmar, Union, N. J., assignors, by mesne assignments, to Koppers Company, a corporation of Delaware
Application November 21, 1935, Serial No. 50,820
4 Claims. (Cl. 23—225)

3. A process for the regeneration of wash-liquids that have served for the separation of hydrogen sulphide from gases, comprising: maintaining the wash-liquid in a continuously flowing stream of successively upwardly and downwardly flowing flow-columns that are of substantially like volume and pressure-head and that are each of large cross-section in proportion to their height, effecting the maintenance of such flow by hydraulic pressure of the wash-liquid forced into the foot of the initial column of such succession of flow-columns, introducing at the foot of each of only the up-flowing flow-columns the air for effecting the regeneration of such wash-liquid, proportioning the amount and pressure of such introduced air so that it bubbles through the up-flowing columns in sufficient amount to provide the aeration required for regeneration of the wash-liquid and at the same time is so finely dispersed through the liquid as to avoid agitation of the upwardly flowing liquid column and promote flotation of the liberated sulphur by the entrainment of the sulphur particles in the particulate air bubbles that quiescently rise to form the sulphur-bearing foam gathering at the top of the column, providing quiescent down-flow of the wash-liquid overflowing into the down-flow column so that there may be substantial time-lag for regenerative reaction of the surplus oxygen absorbed by the liquid from the air bubbles in the preceding up-flow column of its



flow-path, and the regeneration being completed in an up-flowing column whose up-flow is maintained by the liquid pressure-head in the preceding down-flow column and that is aerated by air introduced at the foot of such up-flow column under regulation in like manner as for the preceding up-flow column; the proportioning of the large cross-section of the several columns in respect of their height being such that the hydraulic pressure impressed into the foot of the initial up-flowing column and the liquid pressure-head of the consequent overflow down-flow column dominate the flow of the liquid throughout its entire extended flow-path, and the air introduced at the foot of the up-flow columns being so proportioned as to serve the purposes of the regenerative aeration and the sulphur flotation with only such excess as may be incidental to those purposes and avoid disturbance of the quiescent flow impelled by the initial hydraulic pressure and the further liquid pressure-head.

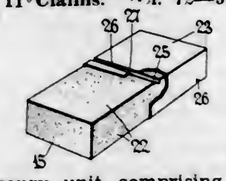
2,125,191
DISPLAY HOLDER
Howard Leslie Moore, Cochranton, Pa.
Application February 28, 1938, Serial No. 193,167
7 Claims. (Cl. 40—152.1)



1. In a holder for the purpose set forth, an object supporting element in the form of a plate-like body having a rearwardly extending part

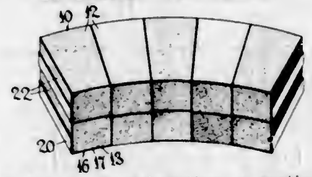
thereof forming an open front compartment provided with an open outer side for the passage of the object into and for removing it from the compartment, said body having another part extending rearwardly thereof, of angle-shape cross section and laterally disposed with respect to the front wall of said open outer side to provide for spacing the object from that portion of the rear face of said body adjacent said wall when positioning the object into and removing it from said compartment, and said body having another part thereof extended rearwardly thereof and disposed at a point in proximity to the bottom of said compartment for maintaining the said element in an upstanding position.

2,125,192
REFRACTORY CONSTRUCTION FOR FURNACES
Harry A. Morlock, Buffalo, N. Y.
Application September 21, 1937, Serial No. 164,898
11 Claims. (Cl. 72—37)



8. A masonry unit comprising a refractory block, a metallic band perimetrically embracing a portion of said block, the remaining portion of said block extending beyond said band.

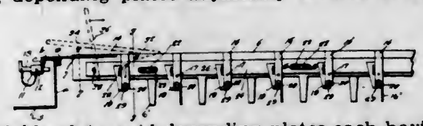
2,125,193
CONSTRUCTION FOR FURNACES
Harry A. Morlock, Buffalo, N. Y.
Application December 24, 1937, Serial No. 181,480
14 Claims. (Cl. 72—37)



1. In a furnace construction, a section of masonry including a plurality of refractory blocks, each block having a corner portion extending from end to end thereof and having plated portions on the block sides adjoining said corner portion, said plated portions including oxidizable metal, and companion refractory blocks having corner portions running from end to end thereof and having unplated side portions adjoining said corner portions, plated portions of the first plurality of blocks being abutted against unplated portions of said companion blocks whereby a single thickness of metal plating is provided in the joints of the masonry.

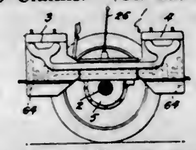
2,125,194
EXPANSION JOINT SETTING APPARATUS
George T. Nelson, Nashville, Tenn.
Application April 3, 1936, Serial No. 72,628
5 Claims. (Cl. 94—51)

1. An expansion joint setting machine comprising spaced tracks, brackets slidable on said tracks, an elongated channelled beam supported at its ends by said brackets, a plate slidably secured to one side of said beam, a pin projecting from one side of said plate adjacent one end thereof, said bracket being apertured for receiving a tool therein, the free end of said tool being hooked for engagement with said pin for sliding said plate relative to said beam, a plurality of inverted U-shaped frames secured to the upper portion of said beam, vertically adjustable yokes secured to the depending legs of said frames for receiving expansion pins in the free ends thereof, depending plates adjustably secured to said



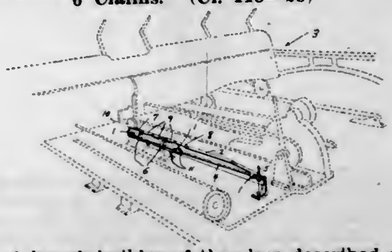
slidable plate, said depending plates each having a laterally extending lower leg portion on which the central portion of the pin disposed in the yoke rests and a cooperating spring having one end secured to the depending plate for pressure engagement on the top portion of said pin for holding said pin on said leg portion, said slidable plate upon movement by said tool releasing said cooperating laterally extending legs and springs from the pins permitting the pins to be released from said yokes.

2,125,195
INTERNAL COMBUSTION ENGINE
Matthew A. Palen, Washington, D. C.
Application October 15, 1936. Serial No. 105,772
8 Claims. (Cl. 180—54)



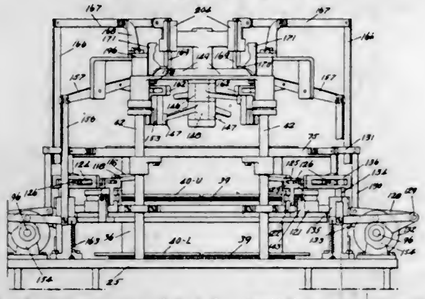
1. Internal combustion power plant for vehicles comprising an engine, its crank shaft, a vehicle axle, the axes of the crank shaft and vehicle axle being perpendicular, a differential for transmitting power to the vehicle axle, and transmission elements between said crank shaft and differential substantially symmetrically gravitationally balanced both with respect to the axis of said crank shaft and the axis of said differential.

2,125,196
BUNCH BUILDER FOR SPINNING MULES
Carl J. Paolucci, Millbury, Mass., assignor of one-half to Richard K. Mitchell, Millbury, Mass.
Application October 28, 1937. Serial No. 171,583
6 Claims. (Cl. 118—28)



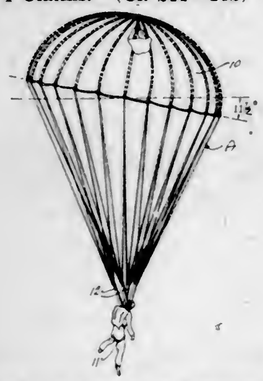
1. A bunch builder of the class described comprising a rockable shaft, and a builder bar mounted on said shaft and engageable with the builder rail of a spinning mule, said shaft substantially paralleling the builder rail, said bar having a plurality of substantially arcuate recesses therein.

2,125,197
KNITTING MACHINE AND METHOD OF OPERATING SAME
Arthur Pass, Glen Iris, Victoria, Australia, assignor to Scott & Williams, Incorporated, New York, N. Y., a corporation of Massachusetts
Application April 20, 1937, Serial No. 138,030
In Australia April 21, 1936
16 Claims. (Cl. 66—51)



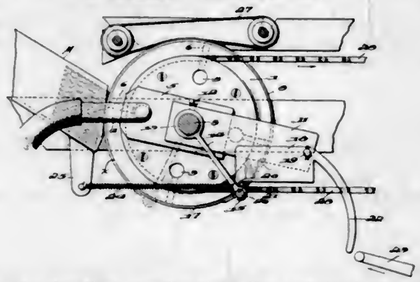
1. A circular machine for knitting one or more fashioned blanks, said machine comprising a stationary needle cylinder, independent needles therein arranged in one or more groups, operating butts at two levels for said needles, a reciprocating yarn carrier for each needle group and cams rotating in opposite directions adapted to act on the butts at different levels to cause the needles to knit in succession, in combination with narrowing mechanism and means adapted to stop the effective operation of the two cams while the narrowing mechanism is in action.

2,125,198
PARACHUTE CONSTRUCTION
Joseph Harbit Pool, Cranwell, England, assignor to Irving Air Chute of Great Britain Limited, Letchworth, England, a British company
Application December 13, 1937, Serial No. 179,577
In Great Britain October 12, 1936
4 Claims. (Cl. 244—142)



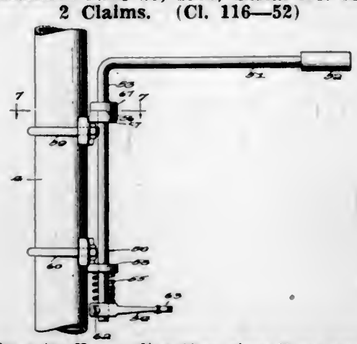
1. In parachute apparatus the combination of a circular type parachute canopy, a parachute harness having lift webs, and shroud lines connecting the parachute harness with the canopy, said shroud lines being non-extensible in length from the point of their connection with the lift webs of the harness to the point of their connection with the margin of the parachute, some of said shroud lines from the margin of the parachute to their connection with the lift webs of the harness being longer than others to permit uniform lateral upward deflection of the canopy at the point of connection with the longer line so as to permit air spill at that point.

2,125,199
FEEDING MECHANISM FOR PRINTING PRESSES
Isaac L. Rheutan, Richmond, Va.
Application January 6, 1938, Serial No. 183,714
9 Claims. (Cl. 271—56)



1. In feeding mechanism for printing presses, the combination with an article magazine and a suction head for successively withdrawing articles therefrom, of an intermittently operable interrupter adapted to intercept the suction between the lowermost article in said magazine and the suction face of said head, and means for controlling the operation of said interrupter.

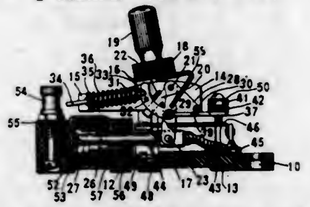
2,125,200
TRAFFIC OR DIRECTION SIGNALING APPARATUS
Benjamin C. Robberson and Emma A. Robberson, Seeley, Calif.
Application June 29, 1936, Serial No. 88,023
2 Claims. (Cl. 116—52)



1. In a traffic or direction signaling apparatus of that type including a signal shifting and illuminating mechanism, the combination of an upstanding rearwardly inclined support, spaced upper and lower U-shaped yokes embracing said support, clamping straps with concave seats fittingly engaging said support, said straps having perforated ends receiving the ends of said U-shaped yokes, a perforated bearing member integrally formed on each strap midway between its ends, an inclined rotatable shaft disposed in lengthwise relation through said bearing members, said shaft being slidably mounted and having a handle bar at its upper end, a crank arm connected to the lower end of the shaft, said handle bar and crank arm extending upwardly at a forward inclination, a pulling cable connected to the crank arm and adapted to operate said

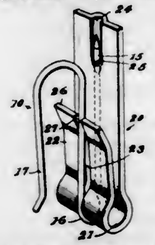
mechanism, a controlling spring for said shaft interposed between the lower bearing member and said crank arm, and said upper bearing member and said shaft above said upper bearing having coacting means for latching said shaft in selected position when rotated from normal.

2,125,201
CIRCUIT BREAKER
Raymond N. Rowe, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application May 16, 1936. Serial No. 80,030
4 Claims. (Cl. 200—149)



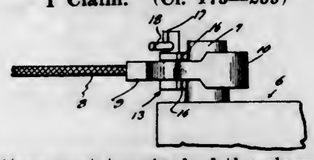
1. In a circuit breaker, circuit making and breaking means including a cup-shaped member having a contact in the bottom thereof, a metal bushing having an aperture in line with said contact, insulating means interposed between the bushing and the edge of the cup-shaped member and extending inside the wall of the cup-shaped member from the bushing part way toward the bottom of the cup-shaped member, said cup-shaped member, insulating means and bushing together constituting a closed chamber in which an arc may be formed, said chamber being of such size that the heat of the arc is sufficient to raise gas pressure within said chamber to an amount capable of assisting in choking the arc, a contact making plunger slidable in said aperture and having its inner end adapted to make and break contact with the contact in the bottom of the cup-shaped member, the plunger and the bushing having between them grooves constituting substantially the only passage for the relief of gas pressure within said chamber, the fit between said sliding plunger and said bushing being such as to effectively hold gas pressure within the chamber during existence of the arc but yet capable of allowing a leakage of gas to substantially equalize the pressure inside and outside of said chamber after interruption of said arc.

2,125,202
DRAPERY HANGER
John William Sauer, South Bend, Ind.
Application July 6, 1937, Serial No. 152,208
5 Claims. (Cl. 156—21)



1. A device of the character described, comprising, in combination, a drapery hook formed with pin and hook sections, and a detachable member interposed between said sections and adapted to secure a drapery to said pin section in a locked condition.

2,125,203
BATTERY POST CLAMP
Orville L. Schanbacher, Mansfield, Pa.
Application November 8, 1937, Serial No. 173,494
1 Claim. (Cl. 173—259)



A battery post terminal of the class described comprising a single casting of electrical conducting material fashioned to provide a collar adapted to embrace the battery terminal post, said collar including a predetermined portion built to provide a post engaging segment, said segment having a post embracing surface provided with a plurality of battery post contacting lugs, the remainder of said collar being formulated into a flattened shank, said shank being substantially rectangular in cross sectional form and provided with a retainer accommodation notch, said notch being located diametrically opposite in relation to said post contacting lugs, and a retainer, said retainer including a spindle pin portion operable in the notch and further having upper and lower cam-shaped flanges, said flanges being disposed above and below the shank and in contact with said shank and adapted to engage the battery post, one end of said pin being provided with an operating handle.

2,125,204
STAKE AND PULLING AND DRIVING MEANS THEREFOR
Lemuel A. Shrewsbury, Hamilton, Mo., assignor of one-half to Artie E. McCrary, St. Joseph, Mo.
Application April 3, 1937, Serial No. 134,854
3 Claims. (Cl. 47—47)

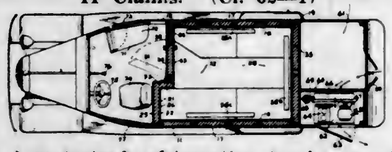


1. In a structural assemblage of the class described, an auger including spiral open convolutions, and having central axially arranged tool accommodation and connector means at its top, a tool having hitch means connected with said connector means, said tool including a shank extending down through the convolutions to function as a stabilizing and guide member, said tool further including a feed screw, and a slidable rotary sleeve threaded thereon.

2,125,205
REFRIGERATION TRUCK BODY OF THE WALK-IN TYPE

Byron S. Snowden, Albany, N. Y., assignor to General Ice Cream Corporation, Schenectady, N. Y., a corporation of New York

Application November 30, 1937, Serial No. 177,259
11 Claims. (Cl. 62—1)

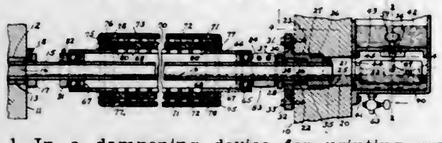


1. A motorized refrigeration truck comprising a unitary body with opposed side walls that are spanned by a roof providing a ceiling for the space within said body and which body is partitioned to divide the same into a forwardly located driver's compartment, an adjacent cargo chamber, and another compartment, means in the last named compartment for supplying refrigerant to the cargo chamber, the interior of said cargo chamber being arranged to form an aisle extending rearwardly from the driver's compartment and a medial span region of said roof being shaped to constitute a cross-sectionally raised monitor portion elevated lengthwise over said aisle with unobstructed head room for an adult of at least normal height, access door means affording entrance from the driver's compartment to the forward end of said aisle and which door means extends in height substantially from the body floor level to said ceiling, and side door means affording entrance to the driver's compartment from the road bed and arranged to form a substantially air-tight closure with the body of the truck.

2,125,206
DAMPENING DEVICE FOR PRINTING MACHINES

Anton Stobb, Long Island City, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application August 26, 1935, Serial No. 37,987
16 Claims. (Cl. 101—148)



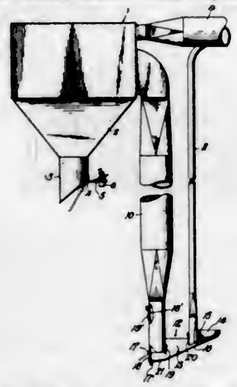
1. In a dampening device for printing machines, a fountain for dampening fluid, a dampening roller mounted for rotation, a movable conduit having outlet apertures and extending from and communicating with the fountain to convey fluid from the fountain towards the roller, driven means for imparting such movement to the movable conduit as to discharge the fluid from the conduit through the outlet apertures to the roller.

2,125,207
VACUUM PEANUT STONER

Hilbert E. Suggs, Dawson, Ga.

Application November 9, 1936, Serial No. 109,996
2 Claims. (Cl. 209—139)

1. A separator for removing foreign matter from peanuts comprising a bin, a suction pipe connected to said bin, superimposed hoppers remotely located with respect to the bin, a trash conveying pipe connected to the suction pipe and extending into the lowermost hopper and having an open end in proximity to the bottom of said lowermost hopper, said trash conveying pipe formed with a passage communicating with the uppermost hopper above the open end of the trash conveying pipe for admitting peanuts mixed with trash into said trash conveying pipe from said uppermost hopper in a manner whereby suction developed in said pipe raises trash of a lighter weight than said peanuts upwardly into said suction pipe and permits said peanuts and remaining trash to discharge through the open end of said trash conveying pipe into said lowermost hopper, a peanut conveying pipe connected to said bin and in communication with said suction pipe whereby to develop suction within said peanut conveying pipe, said peanut conveying

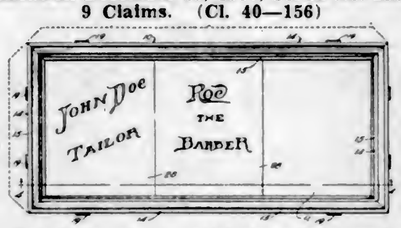


pipe extending into said lowermost hopper and having an open end in proximity to the bottom of said lowermost hopper for subjecting peanuts discharged thereunder from said trash conveying pipe to the influence of suction developed in said peanut conveying pipe whereby said peanuts are conveyed through said peanut conveying pipe into said bin, said lowermost hopper fashioned with a discharge port adjacent the open end of said peanut conveying pipe, and a gate swingably engaging said lowermost hopper for closing said port and operable to open said port for the discharging of trash therethrough by the weight of the trash accumulated under said peanut conveying pipe.

2,125,208
TACKLESS DISPLAY HOLDER

Theodore Roosevelt Thomas, Wilkes-Barre, Pa.

Application December 28, 1937, Serial No. 182,094
9 Claims. (Cl. 40—156)

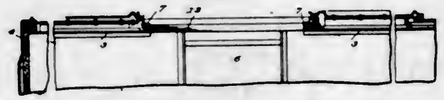


1. In a tackless display holder, a backing member for display matter, spring controlled means hinged at the outer side thereof to said member to align with the edges of and for clamping the displayed matter on said member, combined positioning and holding elements carried by said member for the displayed matter, and said clamping means being formed with sockets opening at the inner face thereof for receiving said elements when said means is active.

2,125,209
DOORWAY STRUCTURE FOR BOXCARS

William L. Thomas, Haverstraw, N. Y., assignor to The New York Central Railroad Company, a corporation of New York

Application August 9, 1937, Serial No. 158,218
10 Claims. (Cl. 105—376)

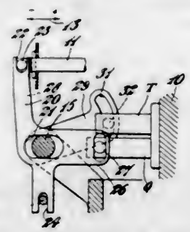


1. In a boxtype freight car, the combination of a car body having oppositely disposed walls, vertical sections spaced from the outer walls and extending substantially from floor to roof, the said vertical sections being provided with vertical and horizontal rows of elongated openings, a plurality of supports adapted to be extended between and mounted upon said vertical sections for supporting therefrom load carrying shelves and load carrying partitions, said supports having engaging elements interchangeably engageable with said openings to mount the supports in different horizontal and vertical spaced relationship to each other on said sections, door ways for said car, posts at opposite sides of said door ways and each having a vertical row of perforations therein extending substantially from floor to roof and supporting members designed to span each doorway and each having locking projections at one end for engagement with the perforations in one of the posts and having a movable locking projection at its opposite end for engagement with the perforations in the other perforated post, said supporting members having horizontal rows of elongated perforations so arranged, when the said member is in operative position, as to align with the perforations in the vertical section of the car whereby continuous rows of said perforations extend from end to end of the car.

2,125,210
GOVERNING MEANS FOR INJECTION PUMPS

George Joseph Trapp, London, England, assignor to Automotive Products Company Limited, London, England

Application August 13, 1936, Serial No. 95,946
In Great Britain August 13, 1935
5 Claims. (Cl. 123—140)

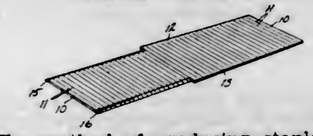


1. In a fuel injection pump having independent control means for changing the timing and the quantity of fuel injected respectively, a governing mechanism comprising a speed-sensitive member the position of which varies automatically according to the actual speed of the pump, a manually set member serving as a fulcrum, a lever pivoted on said fulcrum and connected to the speed-sensitive member and also to the quantity control means, a fixed fulcrum, a timing lever pivoted upon the fixed fulcrum and connected to the speed-sensitive member, a cam slot in said timing lever, and a pin carried by the timing control means and engaging in said slot whereby the timing of the fuel injection is regulated automatically as the speed of the pump changes.

2,125,211
METHOD OF PRODUCING A STAPLE STRIP

Max Vogel, Bridgeport, Conn.

Application October 9, 1937, Serial No. 168,175
7 Claims. (Cl. 59—77)



1. The method of producing staple strips of adhesively connected non-integral staples from a metal sheet which consists in producing a series of staple separating cuts in said sheet, at least one end of said cuts terminating inwardly of the edge of said sheet, whereby the staple forming portions are integrally connected, causing said staple forming portions to adhere by bonding means applied before removal of the staple strip from the sheet, and removing said strip by cutting inwardly of the ends of said staple separating cuts.

2,125,212
THERAPEUTIC COMPOSITION

John H. Wright, Larchmont, N. Y., assignor to Vick Chemical Company, New York, N. Y., a corporation of Delaware

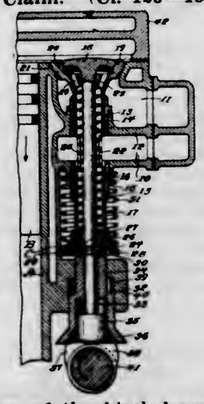
No Drawing. Application May 3, 1938, Serial No. 205,701
5 Claims. (Cl. 167—58)

1. An aqueous composition adapted for use as nose drops or nasal sprays including, in addition to therapeutic ingredients, a small amount of pectin, said pectin having, in 1% aqueous dispersion, a pH in excess of about 4.5, said composition having a pH value between about 4.5 and 8.0.

2,125,213
INTERNAL COMBUSTION ENGINE

Ammon M. Anderson, Pecos, Tex.

Application April 14, 1937, Serial No. 136,914
1 Claim. (Cl. 123—188)



In an engine of the kind described, a piston cylinder, intake and exhaust valves concentrically operative one within the other for controlling intake and exhaust to and from the cylinder,

the exhaust valve having an intake way within it controlled by the intake valve, interfitted lifters for said valves, said valves being freely rotatable about their axes, interfitted enlarged inner and outer heads on said lifters, an outwardly flared annular striking rim on the outer head and concentric to the inner head, lifter cams rotatably mounted on a cam shaft for engaging the said heads, the said striking flange being engaged by one cam and forming a clearance for the other cam, the cam engaging the flared striking rim being of greater width than the other cam for double contact with the said striking rim, and means urging the valves to closing positions.

2,125,214
TONGS

Jacob F. Apfel and Richard S. Jarrett, Hamilton, Ohio; Esther M. Jarrett, administratrix of said Richard S. Jarrett, deceased, assignor to said Apfel

Application February 11, 1937, Serial No. 125,342
3 Claims. (Cl. 294—11)



1. A clinker tongs comprising an elongated tubular body portion having near one end a bowed portion merging into a straight terminal portion forming a hand grip which extends obliquely with respect to said body, a finger grip pivotally attached to the said bowed portion of the body, a pull rod attached at one end to the finger grip and extending therefrom longitudinally through the tubular body to protrude out of the end remote from the finger grip, a fixed gripping jaw attached to said remote end of the tubular body, a movable jaw pivotally attached to the said remote end of said tubular body, and a pivoted coupling between the movable jaw and said pull rod.

2,125,215
PROCESS OF MAKING AN ALIMENTARY PRODUCT

Alexander D. Barbour, Toronto, Ontario, Canada, assignor to Ontario Research Foundation, Toronto, Ontario, Canada, a corporation of Ontario, Canada

No Drawing. Application March 5, 1936, Serial No. 67,402
6 Claims. (Cl. 87—12)

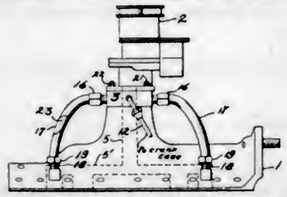
1. Process for the production of a partially hydrogenated vitamin-containing fish oil which has a melting point within the range from about 30° C. to about 45° C. and is free of objectionable odor and taste and tendency to form gummy products when exposed to the air which comprises hydrogenating a vitamin-containing fish oil under a hydrogen pressure materially above atmospheric pressure in the presence of a highly active nickel catalyst at a materially elevated temperature not exceeding about 125° C. while violently agitating the oil so as to shower or spray the same in contact with a body of hydrogen gas.

2,125,216
FUEL TEMPERATURE REGULATOR AND DISTRIBUTOR

Owen Charles Betry, Glendale, Calif.

Application August 8, 1936, Serial No. 95,009
5 Claims. (Cl. 123—122)

1. An adapter casing adapted to be secured in operative position between a carburetor and a manifold and having a gas conduit therein for passage of gas to the manifold, a heat exchange wall surrounding said gas conduit, an oil reservoir positioned to surround the heat exchange wall, a peripheral wall positioned to surround the oil reservoir, means for supplying crank case oil



to said reservoir, and pairs of gas outlet conduits extending through said wall and reservoir and communicating at one end with said gas conduits the other end of each outlet conduit communicating with the manifold adjacent an extreme end thereof.

2,125,217
PRUNING SHEARS

Frederick H. Blodgett, Bellows Falls, Vt.

Application January 5, 1937, Serial No. 119,149
1 Claim. (Cl. 30—262)



A pruning tool comprising pivotally connected handles each of channeled construction, a spring within said construction and bearing against said handles to force them apart, a keeper carried by one of the handles, a hook pivoted to the other handle to engage and disengage with the keeper and having its pivoted end enlarged and provided with angularly related faces engaged by the spring for holding the hook either in a position to engage with the keeper or in parallelism within the handle to which it is pivoted.

2,125,218
METHOD OF REFINING SULPHURIZED ORGANIC MATERIALS

Joseph N. Borglin, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 1, 1934, Serial No. 723,330
10 Claims. (Cl. 260—17)

1. A method of refining a sulphurized material from the group consisting of sulphurized oils, sulphurized terpenes, sulphurized terpene compounds, and sulphurized abietyl compounds, which includes treating said sulphurized material in crude form, in solution in a solvent inert

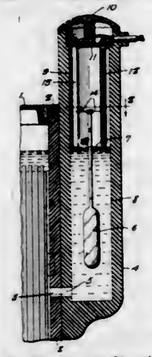
thereto, with an anhydrous halide of an amphoteric element.

10. A method of refining a sulphurized pine oil which includes treating said sulphurized pine oil in crude form in solution in gasoline with an anhydrous halide of an amphoteric element selected from the group consisting of boron trifluoride, zinc chloride, aluminum chloride, stannic chloride, antimony chloride and sulphur monochloride.

2,125,219
RHEOSTAT FOR AN ELECTRICAL BATTERY INDICATOR

Bruce H. Campbell, Atlanta, Ga.

Application November 18, 1936, Serial No. 111,551
1 Claim. (Cl. 201—62)

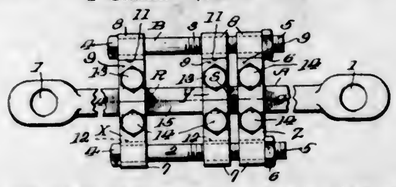


A rheostat for battery indicators comprising a supporting partition of insulating material, a contact rod secured to and depending from said partition and including a terminal extending above said partition for connection in an electric circuit of an indicator, a resistance coil secured to and depending from the partition and paralleling and spaced from the contact rod and including a terminal at the upper end and arranged above the partition for connection in the electric circuit, a second partition of insulating material connecting the lower ends of the contact rod and the resistance coil and cooperating with the first partition in maintaining the contact rod and resistance coil in spaced relation and provided with an opening between said contact rod and the resistance coil, a float stem slidable in said opening, a float for said stem, and a plurality of flexible contact elements extending through the stem and carried thereby for engagement with the contact rod and the resistance coil.

2,125,220
METHOD AND APPARATUS FOR SHORTENING BRIDGE STRUCTURAL MEMBERS OR THE LIKE

Harry R. Colwell, Kitanning, Pa.

Application August 12, 1936, Serial No. 95,723
1 Claim. (Cl. 78—17)



A method of shortening supporting beams for bridges to take up the slack thereof without severing said beam and without removing said beam from the bridge structure, which consists in forming on opposite sides of said beam pairs of projections located in alignment and separated sufficiently to enable said beam to be heated between said pairs of projections and upset to take up said slack, applying adjustable clamping and supporting members to the beam longitudinally and at opposite sides thereof, said clamping members engaging the beam outwardly of said projections, heating said beam between said projections and drawing or adjusting said clamping members into engagement with said projections and towards each other sufficiently to take up said slack while the beam is softened by said heating, said clamping and supporting members holding the beam until the heated and softened portion has hardened.

2,125,221
BLASTING CAP

Richard F. B. Cox, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

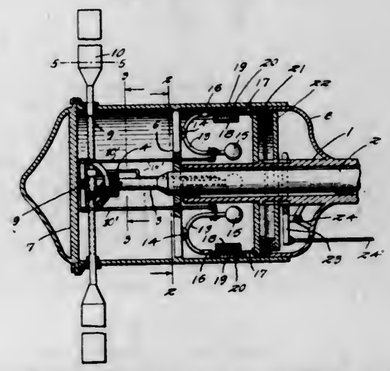
No Drawing. Application March 26, 1937, Serial No. 133,265
11 Claims. (Cl. 52—5)

1. A blasting cap for detonating explosives including a casing and a charge of hexanitrodiphenylethylenedinitramine.

2,125,222
WINDMILL GOVERNOR

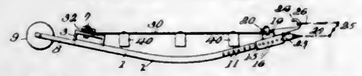
Arthur J. Evans, Columbus, N. Mex.

Application August 15, 1936, Serial No. 96,280
1 Claim. (Cl. 170—68)



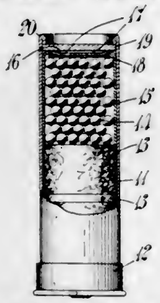
A windmill comprising a supporting sleeve, a power shaft journaled in said sleeve, a casing receiving said sleeve and shaft, a spider formed on said casing and secured to the shaft, blade shafts extending through said casing and crossing each other with their point of crossing in alignment with the power shaft, blades secured to said blade shafts, a gear journaled on the power shaft, segmental gears meshing with said gear and secured to said blade shafts, governor arms pivoted to said spider, rods connecting the governor arms to the segmental-shaped gears, housings secured to said casing, rods slidable in said housings and pivotally connected to the governor arms, springs acting on said rods, brake plates located in the casing and one journaled in the sleeve and the other splined to said sleeve, one of said brake plates being secured to the rods, and an operating mechanism for effecting sliding movement of the other brake plate.

2,125,223
METHOD OF AND MACHINE FOR STRETCHING LEATHER
Nathan Fried, New York, N. Y., assignor to Johnson Belting Company, New York, N. Y., a corporation of New York
Application January 23, 1937, Serial No. 122,073
12 Claims. (Cl. 149—21)



1. A leather stretching frame comprising flexible, elastic, tension-maintaining leather stretching longitudinal members, cooperating transverse clamping members, one of said clamping members consisting of a fixed clamp device at one end of said frame, another of said clamping members consisting of an adjustable clamp device at the other end of said frame, and means to secure the adjustable clamp device in a selected location on said frame.

2,125,224
SHOTGUN CARTRIDGE
Walter Edwards, Luton, England
Application February 13, 1937, Serial No. 125,634
In Great Britain February 14, 1936
5 Claims. (Cl. 102—15)



2. In a shot gun cartridge having an outer casing and shot, a cylindrical shell within the casing, said shell being fully open at one end and apertured at the other end, which other end is located adjacent the mouth of the cartridge, and a disc fitting freely within the shell and located between the apertured end thereof and the shot, said shell having a side wall formed with slots extending from the open end of the shell longitudinally thereof.

2,125,225
SIGHTING GEAR
Charles Edouard Pierre Gourdou, Le Parc St.-Maur, France, assignor to Société Anonyme de Constructions Aeronautiques (S. A. G. A.), Geneva, Switzerland
Application April 2, 1936, Serial No. 72,433
In France April 5, 1935
10 Claims. (Cl. 88—1)

1. In a sighting device adapted for aeronautics for vertical dive aerial bombardment and for the measurement of the speed of an airplane equipped with the said device, in combination: a gyroscope having a vertical axis, a mirror rigid with the rotor box of the said gyroscope, a luminous spot rigid with the airplane, an optical system also rigid with the airplane, interposed between the luminous spot and the mirror for directing the rays towards a point located at the center of inertia of the gyroscope, a first oblique transparent glass plate rigid with the airplane, the image of the luminous spot being reflected from the fixed mirror to the box of the gyroscope and in the form of parallel rays towards said first glass plate which in turn reflects them, and a second transparent glass plate rigid with the airplane and arranged parallel to the first glass plate for receiving the rays reflected by said first glass plate, said second glass plate reflecting in its turn said rays parallel to the direction to which they reach the first glass plate for forming an image of the luminous spot at infinity, the second glass plate being placed relatively to

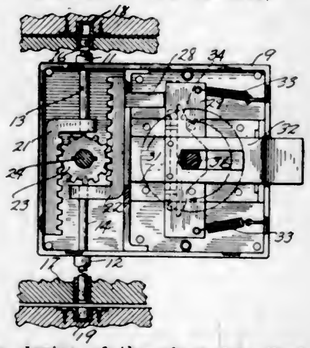


the optical system and to the gyroscope so that the pilot can see, without any obstacle and independently of his position relatively to the said second glass plate, through the said second glass plate on the one hand, the scenery and on the other hand to infinity the image of the source of light which coincides with the target when the path followed by the airplane coincides with a definite direction such as the vertical passing through the target.

2,125,226
RECOVERY OF TYPE METAL AND SIMILAR ALLOYS
Hans Arne Gösta Gunnellus and Nils Halvard Liander, Stockholm, Sweden
No Drawing. Application January 21, 1938, Serial No. 186,248. In Sweden May 19, 1937
6 Claims. (Cl. 75—24)

1. A process for the recovery of type-metal comprising lead, antimony and tin from dross formed in the re-casting of said metal, consisting in fusing the dross with oxide dissolving salts comprising zinc chloride and collecting the purified metal thus formed.

2,125,227
LOCK
Josef Hammarle, San Francisco, Calif.
Application December 30, 1935, Serial No. 56,780
2 Claims. (Cl. 70—118)



1. In a device of the class described, a casing, tubular guides secured to said casing and extending in opposite directions relative to each other, locking rods movable in each of said guides, L-shaped rack members secured to the inner ends of the rods, a gear positioned between said L-shaped members and having toothed engagement therewith, one of said L-shaped members having a projection secured thereto, a slider mounted in said casing provided with a latching bolt, a roll-back member cooperating with said slider, whereby when said projection is projected it engages with said slider and latches said bolt and when moved inwardly releases the same, and key operated means for rotating said gear.

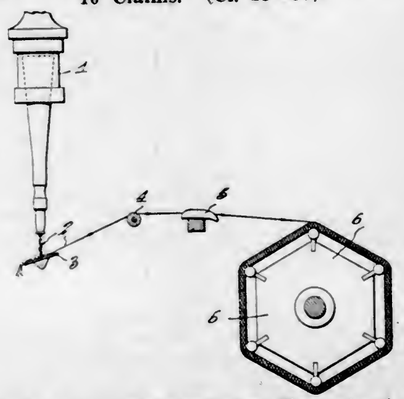
2,125,228
BRAZING ALLOY
Oscar E. Harder, Columbus, Ohio, assignor to Battelle Memorial Institute, Columbus, Ohio, a corporation of Ohio
No Drawing. Application April 3, 1937, Serial No. 134,898
1 Claim. (Cl. 75—153)

An alloy for brazing consisting of from 68 to 84 per cent copper, from 3 to 24 per cent cadmium, from 2 to 4 per cent phosphorus and up to 3.9 per cent silver.

2,125,229
ELECTRODEPOSITION OF METALS
William J. Harshaw, Shaker Heights, and Kenneth E. Long, South Euclid, Ohio, assignors to The Harshaw Chemical Company, Elyria, Ohio, a corporation of Ohio
No Drawing. Application October 21, 1936, Serial No. 106,816
11 Claims. (Cl. 204—14)

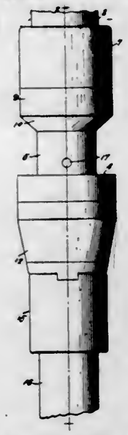
1. An electro-deposition bath, comprising an acid nickel electrolyte and an amount of a brightening addition agent selected from the group consisting of compounds of selenium and tellurium, soluble in the electrolyte, sufficient to produce a brilliant but normally brittle deposit and an amount of an aromatic sulphonate sufficient to counteract the normal embrittling effect of said brightener compound and to render the deposit ductile.

2,125,230
EFFECT YARN AND PROCESS OF MAKING SAME
Hugo Hofmann, Elizabethton, Tenn., assignor to American Bemberg Corporation, New York, N. Y., a corporation of Delaware
Application October 12, 1935, Serial No. 44,716
10 Claims. (Cl. 18—54)



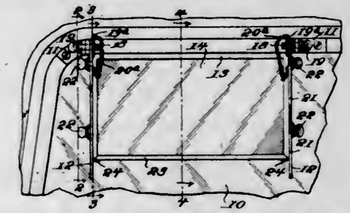
1. In a process for spinning filaments of artificial origin the steps comprising extruding the filaments in a downwardly flowing precipitating medium, which only partially coagulates them, dropping the partially coagulated filaments together with the precipitating medium on a surface to cause a piling up and tangling of the filaments to take place, drawing the filaments from said precipitating medium and surface, passing them through a coagulating medium, and then collecting them.

2,125,231
PACKER FOR OIL WELLS
George Hurst, Houston, Tex.
Application December 17, 1937, Serial No. 180,435
3 Claims. (Cl. 166—10)



1. A liner-packer including a tube, a pipe coupling at one end of said tube, a collar of comparatively soft metal secured to the other end of said tube, a support slidable on said tube between said collar and coupling and having an insert of comparatively soft metal shaped to form a downwardly tapering surface adapted to seat in and form a seal with the upper end of a liner in a well bore, said support being less in length than the distance between said collar and coupling and said tube having drain ports closed when the support contacts the said coupling and open when the support contacts the said coupling.

2,125,232
ANTIGLARE DEVICE
Samuel Itzigson, Brooklyn, N. Y.
Application September 13, 1937, Serial No. 163,664
1 Claim. (Cl. 296—97)



A device of the character described, comprising, in combination, a windshield, spaced brackets secured to said windshield and fashioned with angular shaped openings, depending arms having upper end sections fashioned with angular shaped openings for registry with said first mentioned openings and said arms fashioned

with longitudinally extending slots, a frame having antiglare material secured therein and slidable relative to said arms, thumb bolts connecting said frame to said arms and extending through said slots whereby to permit adjustment of said frame relative to said arms in a manner to position said material in said frame below the line of vision of a person using said windshield in one position and within the line of vision in another position, detachable shafts connecting the end sections of said arms to said brackets and having angular disposed faces coacting with said first and second mentioned openings for securing said arms in selected positions whereby to maintain said frame and material above and within the line of vision respectively, pins detachably secured through said shafts for maintaining said shafts in connected relation with said arms and brackets, and chains connecting said pins to said arms for maintaining said pins in proximity to the respective arms upon withdrawal of said shafts from said brackets whereby to effect a quick adjustment of said arms relative to said brackets.

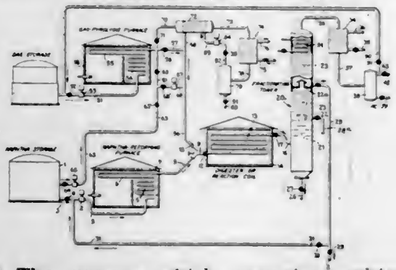
2,125,233

TREATMENT OF HYDROCARBONS

Pike H. Sullivan, New Rochelle, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J., a corporation of Delaware

Application March 21, 1933, Serial No. 661,868

4 Claims. (Cl. 196—9)



3. The process which comprises subjecting naphtha to an elevated temperature in the absence of normally gaseous hydrocarbons and substantial amounts of higher-boiling constituents to reform said naphtha, subjecting hydrocarbon gases containing paraffin hydrocarbon constituents free of products of combustion to an elevated temperature to effect the formation of unsaturated hydrocarbons therefrom, quenching the resultant gaseous products with cool naphtha, commingling admixed gaseous products and naphtha with the hot products from said reforming stage and digesting the commingled products at an elevated temperature to promote interaction between unsaturated hydrocarbon constituents of said commingled products, withdrawing the resultant products and fractionating them to recover normally liquid products therefrom.

2,125,234

METHOD OF TREATING HYDROCARBON OIL

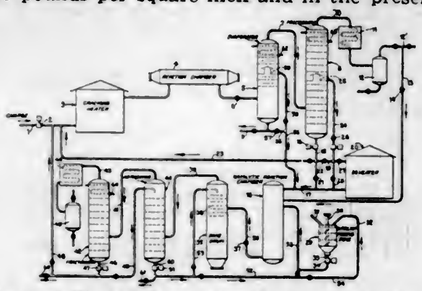
Harold V. Atwell, White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J., a corporation of Delaware

Application April 22, 1933, Serial No. 667,382

Renewed October 28, 1936

5 Claims. (Cl. 196—54)

4. The process of treating hydrocarbon oil which comprises pyrolytically cracking relatively heavy hydrocarbon oil to produce incondensable gases and cycle stock, maintaining gases and cycle stock so obtained in contact with one another at a catalytic cracking temperature not above 700° F. under a pressure of not more than 200 pounds per square inch and in the presence



of a metallic halide catalyst for a period of time sufficient to produce substantial conversion thereof, without substantial hydrogenation, subjecting an intermediate product of such conversion relatively free from said catalyst to a pyrolytic cracking process to form lighter products, and recovering a gasoline distillate therefrom.

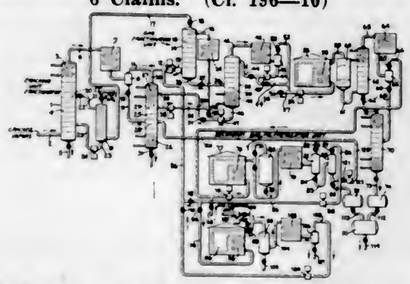
2,125,235

TREATMENT OF HYDROCARBON GASES

Harold V. Atwell, White Plains, N. Y., assignor to Process Management Company Inc., New York, N. Y., a corporation of Delaware

Application October 31, 1934, Serial No. 750,857

6 Claims. (Cl. 196—10)



1. A process of producing motor fuel from cracked hydrocarbon vapors which comprises fractionating said vapors to remove constituents heavier than gasoline, condensing the fractionated vapors, separating uncondensed gases from condensed cracked distillate, passing said condensed distillate to a stabilizing zone, withdrawing from said stabilizing zone a liquid fraction comprising principally butane, scrubbing said uncondensed gases with said butane fraction to remove constituents of higher molecular weight than methane, removing the thereby enriched butane fraction from said gases and distilling it to drive off constituents absorbed from said gases, subjecting the thereby liberated gaseous constituents to polymerization to effect the formation of low-boiling normally liquid hydrocarbons, and recovering said hydrocarbons from the remaining unpolymerized gases.

2,125,236

GAME APPARATUS

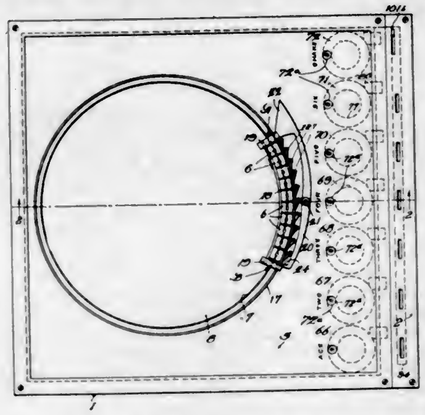
William R. Edgeworth, Chicago, Ill., assignor to Rubini Cigar Company, Chicago, Ill., a corporation of Illinois

Application April 29, 1936, Serial No. 75,482

28 Claims. (Cl. 194—9)

1. In a game apparatus, the combination of a

plurality of elements formed to be tumbled each having sides provided with different character indicating formations, means inclusive of a playing surface for tumbling the elements over the surface so as to be urged to a given station, trap



means at said station to align the elements in order, and means rendered operable by the elements in the trap and arranged to cooperate with certain formations of the elements respectively for registering the totals of the characters indicated thereby.

2,125,237

PAINT

Otto F. Gargen and Carl J. Ernst, Milwaukee, Wis.

No Drawing. Application May 20, 1938, Serial No. 209,081

9 Claims. (Cl. 134—39)

9. A paint, which can be polished readily to give a semi-gloss after the paint has dried to a point where it has lost its sheen, comprising the following ingredients in approximately the percentages indicated:

	Per cent
Lithopone	61.5
Aluminum silicate	8.8
Cooked linseed oil	9.2
Flatting varnish	20.1
Beeswax	0.4

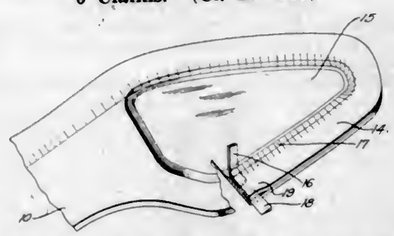
2,125,238

METHOD OF MAKING CUSHION SOLES

James C. Givren, Brockton, Mass.

Application November 10, 1937, Serial No. 173,805

6 Claims. (Cl. 12—146)



1. The method of making cushion soles which consists of reducing the forepart of a sole blank to form an internal recess of substantial area bottomed by a thin layer in the blank, broadening said recess by raising a marginal zone about the boundary of the recess to form a peripheral rib, thereby providing an enlarged recess adapted to receive a cushion pad.

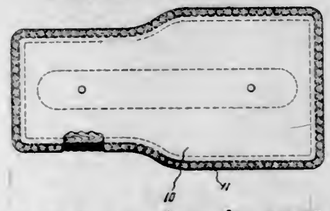
2,125,239

WORKPIECE DRIVE FOR POWER SHAPING MACHINES

Austin W. Hawes, Winchendon, Mass., assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass., a corporation of Massachusetts

Application March 29, 1937, Serial No. 133,543

2 Claims. (Cl. 144—145)



1. In a work piece form for power shaping machines, a body portion adapted to have a work blank secured thereto, said body portion having a recess extending completely about its periphery and extending adjacent and above its lower surface, a chain having flexibly connected links extending about said body portion and lying within said recess, projections formed on some of the flexibly connected links of said chain along one side, and fastening means extending through said projections to secure said chain to said form.

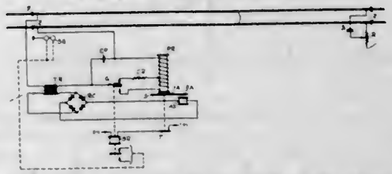
2,125,240

TRACK CIRCUIT FOR RAILROADS

Forest B. Hitchcock, Greece, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application November 15, 1934, Serial No. 753,177

9 Claims. (Cl. 246—41)



3. In combination, a track circuit for railroads, a track circuit source of energy, a track relay having a main winding connected in series with said track circuit and said source, an auxiliary winding on said track relay opposing the action of said main winding, a rectifier, and means inductively coupling said auxiliary winding to said track circuit through said rectifier.

2,125,241

GUMMED PAPER PRODUCT

Ferdihand W. Humphner, Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Co., a corporation of Delaware

No Drawing. Application May 20, 1936, Serial No. 80,897

8 Claims. (Cl. 91—68)

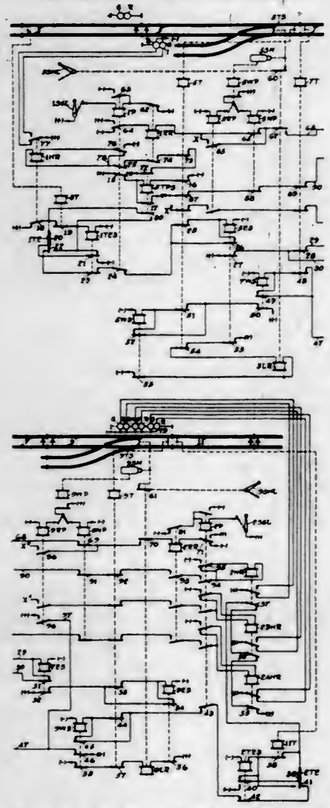
6. In a process for preparing a gummed tape, the steps of applying a vegetable glue to a paper surface, and applying to said vegetable glue an animal glue which has been foamed, dried, and pulverized.

2,125,242

INTERLOCKING SYSTEM FOR RAILROADS

Edwin C. Larry and Andrew Langdon, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.

Application November 27, 1931, Serial No. 577,504
16 Claims. (Cl. 246—134)



2. In an interlocking system for railroads, a stretch of railway track, a plurality of track switches in said stretch of railway track, signals for governing traffic in opposite directions over said stretch of railroad track, a control lever for each of said signals operable to clear or stop positions, means initiated by movement of any one of said control levers to a clear position for locking said track switches against operation, a route circuit having current flowing therein only when said track switches are locked and only when a signal lever is moved to a clear position, and means for clearing the particular one of said signals corresponding to the particular control lever in a cleared position only if current is flowing in said route circuit.

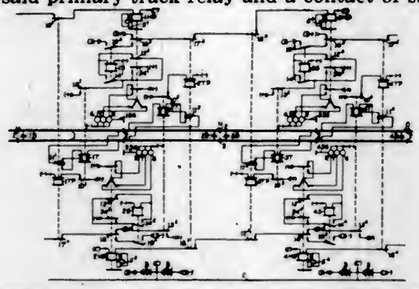
2,125,243

AUTOMATIC BLOCK SIGNALING SYSTEM FOR RAILROADS

Edwin C. Larry, Rochester, and Morton C. Twitchell, Spencerport, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.

Application May 24, 1935, Serial No. 23,268
19 Claims. (Cl. 246—33)

16. In combination, a primary track relay included in a normally closed track circuit of a railway track section, a secondary stick relay, an electro-responsive device controlled by said secondary stick relay, a pick-up circuit for said secondary stick relay including a front contact of said primary track relay and a contact of said



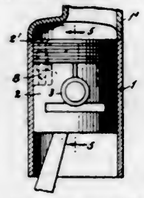
electro-responsive device, a stick circuit for said secondary stick relay including a front contact of said primary track relay, and means for changing the responsiveness of said primary track relay to flow of current in said track circuit in accordance with whether said secondary stick relay is in an energized or deenergized condition.

2,125,244

PISTON OF THE REMOVABLE HEAD TYPE

William R. Mansfield, Fairview, N. J., assignor of one-half to John Pimpiano, Grantwood, N. J.

Application May 21, 1937, Serial No. 143,916
3 Claims. (Cl. 309—15)



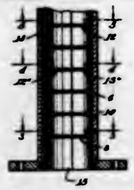
1. A piston of the removable head type for internal-combustion engines comprising a cylindrical skirt portion having a plurality of radially extending embossments, each provided with a screw-threaded bore surrounded by a counter-sunk portion, a piston-head portion provided with sleeves projecting therefrom and adapted to enter said counter-sunk portions, screws passing through the sleeves in said head member and into the bores in said skirt member.

2,125,245

EMULSION APPARATUS

Howard S. McCray, Port Neches, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application June 28, 1935, Serial No. 28,979
1 Claim. (Cl. 259—4)



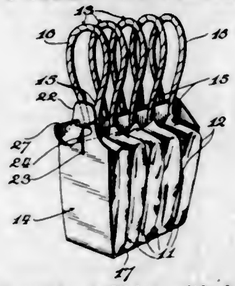
In an apparatus for dispersing thermoplastic hydrocarbon materials in water, a dispersing chamber, a series of spaced foraminous dispersing plates mounted in fixed relation to said chamber and extending across the same, and intermediate fixed baffle plates between said dispersing plates and each having a cut-out portion near its outer edge through which said hydrocarbon materials and water pass as they are moved from one disersing plate to another.

2,125,246

WRAPPING OR PACKAGING DEVICE

Joseph L. Meyer, Dubuque, Iowa, assignor, by mesne assignments, to Saf-T-Pop Corporation, Dubuque, Iowa, a corporation of Delaware

Application April 22, 1935, Serial No. 17,642
6 Claims. (Cl. 99—180)



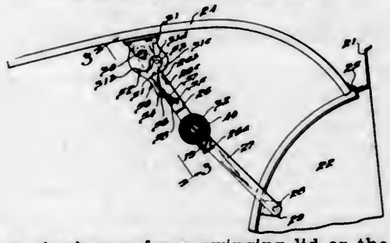
1. A wrapper for edibles with handles, comprising a wrapper strip of a length sufficient to extend about four sides of an edible, said strip including coacting fastening means at opposite ends thereof for releasably securing it in wrapping position, and means intermediate the ends of said strip for urging a fastening means toward securing relationship with the other said fastening means comprising a hinge having an angularly disposed fold with respect to a transverse line across the wrapper and a transverse fold.

2,125,247

CHECK ARM

John H. Roethel, Detroit, Mich., assignor to Ferro Stamping and Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application June 22, 1936, Serial No. 86,441
2 Claims. (Cl. 217—60)



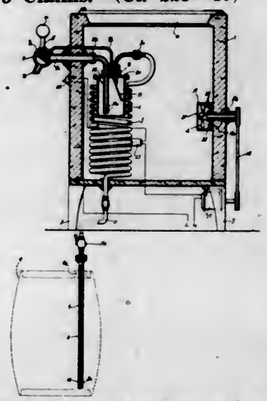
1. A check arm for a swinging lid or the like comprising an upper bar and a lower bar, the lower bar having a fixed pivot pin at its inner end and the upper bar being swingably mounted upon said pivot at a point removed from its adjacent inner end, a bracket carried by said lid, the outer end of said upper bar being pivotally connected to said bracket and the outer end of said lower bar being adapted to be pivoted to a support, said bracket having a notch formed in an edge thereof, a spring pressed latch member carried by said upper bar and adapted to engage said notch to releasably lock the lid in raised position, and a counterbalancing spring connecting the adjacent ends of said upper and lower bars for counterbalancing the weight of the lid during its movements toward open and closed positions.

2,125,248

DISPENSING MEANS FOR CARBONATED BEVERAGES

Edward R. Taylor, Lakewood, Ohio

Application April 6, 1935, Serial No. 14,961
5 Claims. (Cl. 225—40)



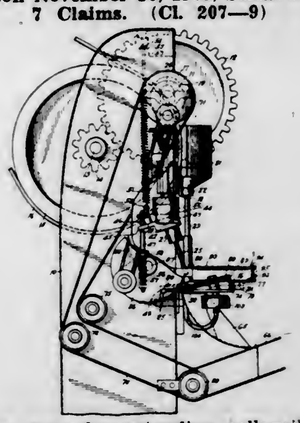
1. In apparatus for dispensing carbonated beverage, means providing an expansion chamber, having at its upper part an inlet for cooled beverage, a beverage dispensing outlet at its lower part, and a foam outlet at its upper part, means providing separate control of said outlets, and means associated with said inlet to provide a smooth flowing open beverage stream, entering said chamber above the liquid level thereof, and progressing below said level with minimum disturbance of liquid within said chamber.

2,125,249

COLLAPSIBLE TUBE EXTRUDING PRESS

George W. Temple, New York, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y., a corporation of New York

Application November 30, 1935, Serial No. 52,294
7 Claims. (Cl. 207—9)



1. In a press for extruding collapsible tubes, a vertically reciprocating cross head, a plunger pivotally connected to said cross head for movement about a horizontal axis and also with the

cross head, said plunger having a rearwardly projecting extension, and means for maintaining said plunger in vertical position in the lowermost part of the movement of said cross head and for moving said plunger to an inclined position in the uppermost part of the movement of the cross head including a stationary adjustable stop above the extension, a yieldable stop below the extension, and a spring pulling said extension upwardly.

2,125,250

COLLAPSIBLE TUBE

Harold F. Temple, Freeport, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y., a corporation of New York

Application October 8, 1937, Serial No. 167,895
2 Claims. (Cl. 220—27)



1. A one piece collapsible tube of the type having an hermetically sealed discharge end which is adapted to be ruptured comprising a body portion substantially cylindrical in configuration and an end portion, said end portion being formed integral with said body portion and comprising a frusto-conical part and a teatlike protuberance associated therewith, the end of which is of gradually diminishing circular section, a relatively narrow slot-like elongated weakened portion formed in said protuberance end in a manner whereby the exterior surface of said protuberance is left substantially smooth and regular, said weakened portion being of a width and thickness adapted to be pierced by the thumb nail, whereby insertion of the thumb nail through the weakened portion effects a gradual shearing of the weakened portion.

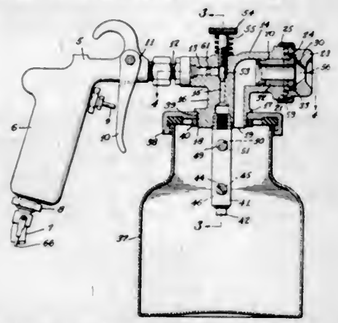
2,125,251

POWDER BLOWER

Wayne B. Thompson, Winchester, Mass., assignor to Spray Engineering Company, Somerville, Mass., a corporation of Massachusetts

Application February 24, 1934, Serial No. 712,721
8 Claims. (Cl. 91—8)

1. A tool or apparatus for applying material such as powder or flock having, in combination, a container for the material, a closure for the container having an inlet and an outlet therein, a nozzle connected to the outlet, means for introducing air under pressure into the container including a vertical pipe connected to the inlet and provided with a closed end, a plurality of lower arms adjacent thereto, and a plurality of upper arms interposed between the inlet and the lower arms, each lower arm having an orifice, formed in the side thereof which faces away from the outlet, for discharging air into the body of the material in a lateral and downward direction, each upper arm having an orifice formed in the side thereof which faces the outlet, one of said upper arm orifices discharging air horizontally and another one of said upper arm orifices discharging air laterally and downwardly.



8. In a tool or apparatus for applying material such as powder or flock, the combination with a body portion having an opening therein provided with a rear wall, and a nozzle secured to the body portion having an internal frusto-conical passage the smaller base of which extends away from the rear wall and is provided with a discharge orifice, said opening and said discharge orifice having a common axis, of a lining removably mounted within a portion of said opening so as to be spaced from the rear wall thereof, said lining having a cylindrical passage extending partially therethrough and a frusto-conical passage, the smaller base of which merges with the rear end of the cylindrical passage, interposed between the portion of the opening unfilled by the lining and the cylindrical passage therein, the cylindrical and frusto-conical passages of the lining being in communication with the discharge orifice and the unfilled portion of the opening, respectively.

2,125,252

IRRIGATION PIPE TRANSPORTING MACHINE

Maurice Aaron Balaam, Lompoc, Calif.

Application May 6, 1937, Serial No. 141,118
20 Claims. (Cl. 280—33.2)



1. In a device as described, a connected series of individual pipes having an end to end connection for flowing of a fluid therethrough, a towing means extending longitudinally of the series of pipes and having a connection to each pipe for towing each pipe whereby the towing stresses are carried by the towing means.

2,125,253

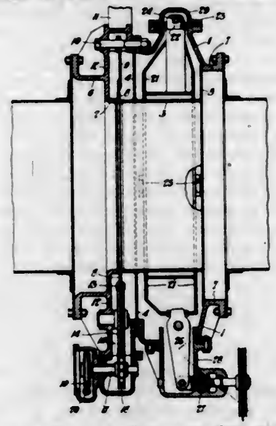
FLUID VALVE

Andrew Bowland, Mount Lebanon, Pa., assignor to William M. Bailey Company, a corporation of Pennsylvania

Application October 14, 1936, Serial No. 105,623
10 Claims. (Cl. 251—167)

1. A valve including a fixed fluid conducting section, a reciprocative fluid conducting section opposing said fixed section, a plate adapted to pass between said sections when said reciprocative section is separated from said fixed section, a lever constructed to encircle said reciprocative

section and connecting with the latter, whereby reciprocation of said lever reciprocates said re-



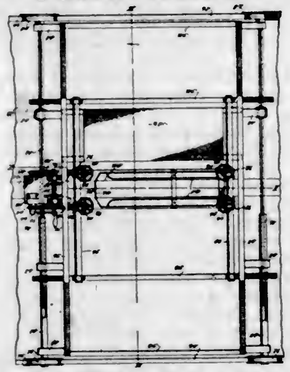
ciprocative section, and means for reciprocating said lever.

2,125,254

MACHINE FOR PRODUCING TRAFFIC LINES IN CONCRETE

Frank Creason, Liberty, Mo.

Application October 26, 1935, Serial No. 46,901
5 Claims. (Cl. 94—45)



1. A machine for filling a groove formed in a concrete roadbed with a plastic material, comprising a carriage movable over said concrete roadbed; a sled member adjustably carried by said carriage having spaced-apart runners extending downwardly from the body of said sled to engage the opposite side walls of said groove as the body of the sled rests on the surface of said roadbed; means formed by said sled to direct a plastic filler into said groove between said runners and a leveling and packing member integral with said sled whereby the plastic material is formed to fill said groove and means whereby the front and rear ends of said sled are independently adjustable.

2,125,255

CIRCULAR KNITTED ELASTIC FABRIC

Keith G. Douglas, Needham Heights, Mass., assignor to William Gorse Co., Inc., Needham Heights, Mass., a corporation of Massachusetts

Application December 3, 1936, Serial No. 114,068
1 Claim. (Cl. 66—190)

As a new article of manufacture, a rib fabric comprising a facing thread and a backing thread in which the backing thread is knit into all the rib wales only in every course, and the facing thread is knit into all the plain wales in every course, and into alternate rib wales only in alter-



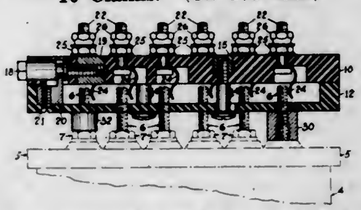
nate courses, and into intervening rib wales only in intervening courses, there being an unknitted elastic strand incorporated between the rib and plain wales.

2,125,256

DETACHABLE TERMINAL BOARD FOR ELECTRICAL DEVICES

Edwin B. Fairbanks, Coldwater, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application June 8, 1935, Serial No. 25,616
10 Claims. (Cl. 173—328)



3. In a terminal board for electrical devices having extending terminal posts, a first insulating member receiving the terminal posts, a second insulating member having wire terminal means, resilient contact members carried by the wire terminal means of the second insulating member, and means for moving the second insulating member transversely to the posts and relative to the first insulating member in a manner to engage the contact members with the terminal posts.

2,125,257

LIGHT SIGNAL FOR RAILROADS

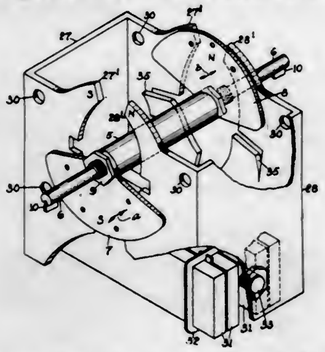
Oscar S. Field, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application February 21, 1935, Serial No. 7,565
5 Claims. (Cl. 175—339)

2. A three position motor device of the character described for operating a movable element from an intermediate biased position in either direction comprising, a horizontally disposed armature shaft, knife-edge bearings supporting said shaft at its ends, each bearing including a ball engaging the end of the shaft and limiting endwise movement thereof, flat armature vanes of a general sector shape fixed to said shaft between said bearings and extending radially in opposite directions from said shaft in parallel planes at right angles to the axis of said shaft, a stationary coil around said shaft for magnetizing said armature vanes with opposite magnetic polarities, a field structure including two plates of approximately U-shape with their end portions constituting pairs of flat pole pieces disposed in planes parallel with said armature vanes and co-operating therewith to produce a turning torque on said shaft, means for magnetizing said plates of the field structure with opposite magnetic polarities, said armature vanes being located

on the same side with respect to said pole pieces so that the turning moments of the components of the forces of magnetic attraction acting on said vanes longitudinally of the shaft in directions and at locations tending to tilt said shaft transversely of its axis are in opposition, thereby eliminating the tendency for said shaft to lift off of its knife-edge bearing at either end.

5. A three-position motor device for operating the movable elements of color-light signals or the like comprising, an armature shaft, a stationary coil around said shaft, flat vanes fixed to said shaft and projecting radially therefrom in parallel planes at right angles to the axis of said shaft, a field structure including pairs of flat pole pieces disposed in planes parallel with



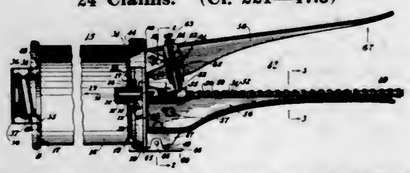
said vanes, the pole pieces of each pair being located on opposite sides of said shaft, means for magnetizing said pole pieces of each pair with opposite magnetic polarity, biasing means tending to maintain said shaft and vanes in an intermediate position, and adjustable stops for limiting movement of said armature shaft and vanes at its extreme positions, the pole pieces of a pair having portions projecting into the path of movement of the corresponding vane and magnetically co-operating with the corresponding edges thereof near the extreme positions of said shaft, thereby increasing the torque on said shaft at approximately the point in its movement where the load of operating said contact means is applied.

2,125,258

GREASE DISPENSING APPARATUS

Robert M. Bagley, Haddonfield, N. J., assignor to R. M. Hollingshead Corporation, Camden, N. J., a corporation of New Jersey

Application January 6, 1934, Serial No. 705,562
Renewed October 11, 1937
24 Claims. (Cl. 221—47.3)



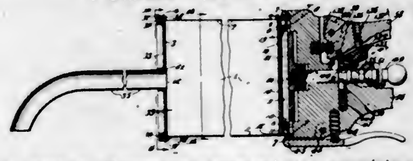
2. Grease dispensing apparatus comprising an original grease container having a generally cylindrical body and having end-openings at its opposite ends, closure means closing the upper end-opening, inwardly movable but non-removable closure means associated with the bottom end-opening in frictionally gripped and sealed relation while the container is in storage or transit, said latter closure means including two separate annular portions, one for frictional gripping and sealing engagement with the bottom end-opening while the container is in storage or transit and prior to actual use, and the other for engagement with the cylindrical side-wall of the container during operative inward movement of said closure means, said latter closure means being adapted to be moved out of sealed relation to the bottom end-opening and to be moved inwardly in operative relation to the cylindrical side-wall of the container, to displace the grease content of the container in the direction of the upper end-opening, and manually operable ejector means adapted detachably to engage an end of said container and to advance said inwardly movable means in the direction of the upper end-opening; said ejector means including means adapted to extend through said bottom end-opening of the container.

2,125,259

GREASE DISPENSING MEANS

Robert M. Bagley, Haddonfield, N. J., assignor to R. M. Hollingshead Corporation, Camden, N. J., a corporation of New Jersey

Application August 28, 1934, Serial No. 741,768
7 Claims. (Cl. 221—47.3)



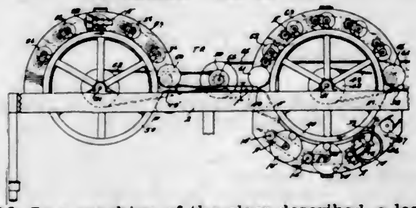
1. Grease dispensing apparatus comprising an original grease container having a generally cylindrical body, a top permanently secured to said body at one end, a bottom at the other end of said body, a lapped seam between said body and said bottom forming an outwardly projecting peripheral bead surrounding said last mentioned end of the body, manually operable means adapted for quick attachable and detachable engagement with said bead and said bottom for displacing said bottom from its initial position inwardly of the body of the container and for advancing it towards the other end of the container, a peripheral bead surrounding the top end of the body of the container and means including a discharge nozzle adapted for quick attachable and detachable engagement with said top bead.

2,125,260

MOTION-PICTURE FILM SURFACING MACHINE

Karl Robert Hoyt, North Hollywood, Calif., assignor to Telco Corp., a corporation of California

Application June 5, 1937, Serial No. 146,662
17 Claims. (Cl. 51—78)



16. In a machine of the class described, a lead-in platen wheel and means to form an arc of

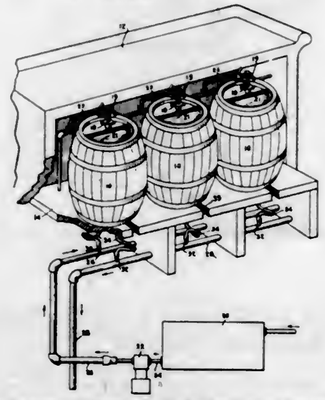
film strip about a portion thereof and a series of driven attrition rollers for progressively reducing a color coat on the presented face of the strip in said arc; a return platen wheel and means to form a full reversing bight of the strip thereabout in the plane of said arc and a series of attrition rollers for progressively working on the presented coat on the strip; an intermediate platen wheel in the plane of the said bight wheel and means to form upper and lower arcs of the strip on the intermediate wheel, attrition means for action on the presented coat at said upper and lower arcs, and a power transmitting means including separate drive connections for the several wheels and for the several attrition rollers and means.

2,125,261

BEER COOLING AND DISPENSING SYSTEM

Fred H. Stern, Mount Vernon, N. Y., assignor to Henry L. Burkitt, New York, N. Y.

Application October 24, 1936, Serial No. 107,349
19 Claims. (Cl. 62—141)



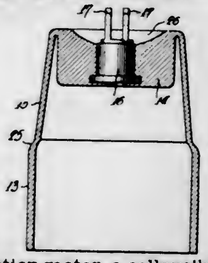
1. A beer cooling and dispensing system, comprising a beer keg having end heads, the heads having a plurality of openings provided therein, a pair of couplings mounted to extend into the keg at a pair of the openings in one of the heads, a coil wthin the keg and extending and providing a path for fluid between the couplings, a source of cooling fluid, a supply header leading from the source, a drain header, a supply conduit connected to the supply header, a drain conduit connected to the drain header, and cooperating means carried by the couplings and the conduit ends to permit flow of fluid through the coil only when both conduits are connected to the couplings and to cut off flow through the coil when disconnected.

2,125,262

SUCTION MOTOR

Earle V. Hennecke, Flushing, N. Y.; Margaret Bernadette Hennecke, administratrix of said Earle V. Hennecke, deceased, assignor to Automotive Equipment, Inc., a corporation of New York

Application January 7, 1935, Serial No. 691
21 Claims. (Cl. 121—48)



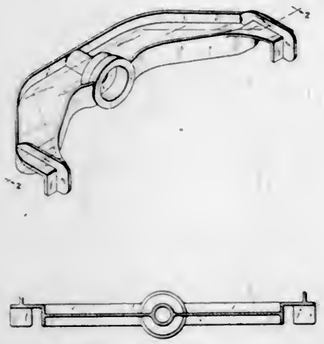
2. In a suction motor, a collapsible walled working chamber, comprising a cup-shaped diaphragm constituting the collapsible wall of said chamber, said diaphragm including at its center a soft inwardly extending block-like cylindrical reinforcement.

8. In a suction motor, a collapsible walled working chamber including a rigid socket member having a cylindrical mouth, a distortable bag including a skirt portion telescoped over the mouth of the socket, the central portion of said bag including an inwardly extending cylindrical integral reinforcing block, that portion of the bag which connects the skirt and the block extending inwardly in the form of an annular bight, said bight portion being of less thickness than the skirt portion, and said bag at the line of junction of the skirt portion and bight portion being of further decreased thickness to predetermine a fold line on which the bight and the bag center which it carries fold inwardly.

DESIGNS

JULY 26, 1938

110,608
DESIGN FOR A RAIL BENDER
Lester O. Becker, St. Louis, Mo., assignor to Joseph Pavelka, St. Louis, Mo.
Application April 27, 1938, Serial No. 76,763
Term of patent 7 years



The ornamental design for a rail bender, substantially as shown.

110,609
DESIGN FOR A SHOE
Waliace H. Benton, Portsmouth, Ohio, assignor to The Selby Shoe Co., Portsmouth, Ohio, a corporation of Ohio
Application January 28, 1938, Serial No. 74,617
Term of patent 7 years



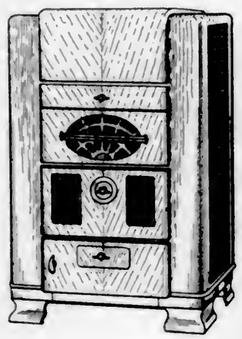
The ornamental design for a shoe, substantially as shown and described.

110,610
DESIGN FOR A SHOE
Wallace H. Benton, Portsmouth, Ohio, assignor to The Selby Shoe Co., Portsmouth, Ohio, a corporation of Ohio
Application January 28, 1938, Serial No. 74,618
Term of patent 7 years



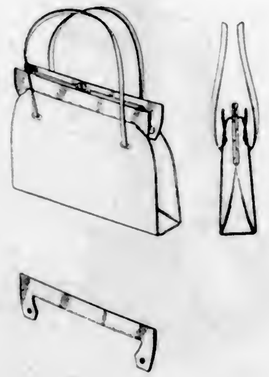
The ornamental design for a shoe, substantially as shown and described.

110,611
DESIGN FOR A STOVE
Garvin M. Brown, Indianapolis, Ind., assignor to Indianapolis Stove Co., Indianapolis, Ind., a corporation
Application December 18, 1937, Serial No. 73,704
Term of patent 3½ years



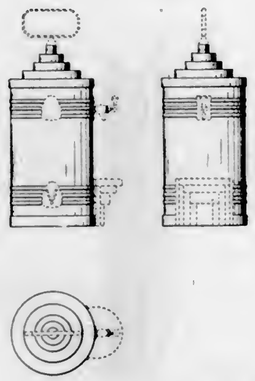
The ornamental design for a stove, as shown and described.

110,612
DESIGN FOR A HANDBAG
Harry J. Carlin, Brooklyn, N. Y.
Application May 20, 1938, Serial No. 77,307
Term of patent 3½ years



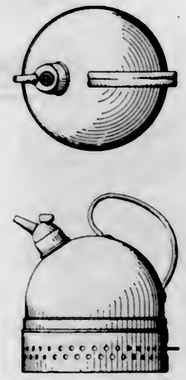
The ornamental design for a handbag, as shown and described.

110,613
DESIGN FOR A DISPENSING DEVICE
William E. Doughty, Detroit, Mich., assignor to James Vernor Company, Detroit, Mich., a corporation of Michigan
Application May 2, 1938, Serial No. 76,935
Term of patent 14 years



The ornamental design for a dispensing device, substantially as shown and described.

110,614
DESIGN FOR A VAPORIZER OR SIMILAR ARTICLE
William H. Fischer, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application June 1, 1937, Serial No. 69,646
Term of patent 7 years



The ornamental design for a vaporizer or similar article, as shown.

110,615
DESIGN FOR A FINGER RING
Albert H. Glaser, Beverly Gardens, Los Angeles, Calif., assignor to Charles L. Packer, Canton, Ohio
Application April 28, 1938, Serial No. 76,784
Term of patent 14 years



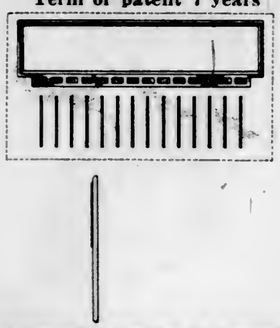
The ornamental design for a finger ring, as shown and described.

110,616
DESIGN FOR A TIRE
William Edward Hardeman, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y., a corporation of New York
Application May 26, 1938, Serial No. 77,415
In Great Britain February 8, 1938
Term of patent 14 years



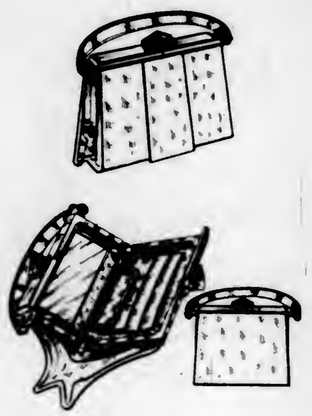
The ornamental design for a tire as shown.

110,617
DESIGN FOR AN ESCUTCHEON PLATE FOR A COMBINED RADIO TUNING DIAL AND CONTROL PANEL, OR THE LIKE
Le Roy J. Leishman, Los Angeles, Calif.
Application October 25, 1937, Serial No. 72,418
Term of patent 7 years



The ornamental design for an escutcheon plate for a combined radio tuning dial and control panel, or the like, substantially as shown and described.

110,618
DESIGN FOR A HANDBAG
Florence N. Lewis, New York, N. Y.
Application June 11, 1938, Serial No. 77,734
Term of patent 3½ years



The ornamental design for a handbag, as shown and described.

110,619
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,874
Term of patent 14 years



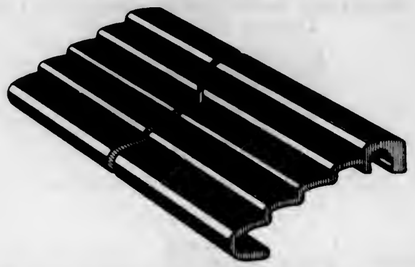
The ornamental design for a metal molding strip, substantially as shown.

110,620
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,875
Term of patent 14 years



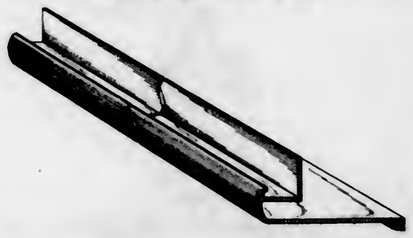
The ornamental design for a metal molding strip, substantially as shown.

110,621
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,879
Term of patent 14 years



The ornamental design for a metal molding strip, substantially as shown.

110,622
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,882
Term of patent 14 years



The ornamental design for a metal molding strip, substantially as shown.

110,623
DESIGN FOR A METAL MOLDING STRIP
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,886
Term of patent 14 years



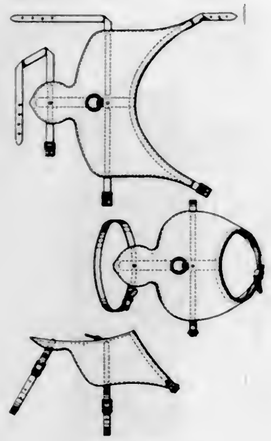
The ornamental design for a metal molding strip, substantially as shown.

110,624
DESIGN FOR A BOTTLE
Charles H. Mekeel, Jr., Reading, Pa.
Application December 6, 1937, Serial No. 73,411
Term of patent 14 years



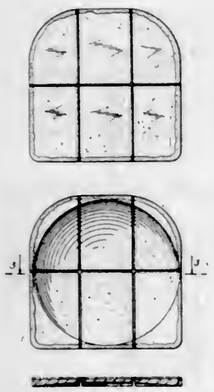
The ornamental design for a bottle, as shown.

110,625
DESIGN FOR A DOG HARNESS
George W. Nesbitt, Sycamore, Ill.
Application May 10, 1938, Serial No. 77,095
Term of patent 14 years



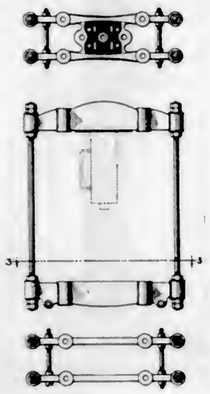
The ornamental design for a dog harness, as shown.

110,626
DESIGN FOR A TOASTED BREAD PRODUCT
Lester Neuberger, New York, N. Y., assignor to Ward Baking Company, New York, N. Y., a corporation of New York
Application June 2, 1938, Serial No. 77,523
Term of patent 14 years



The ornamental design for a toasted bread product, as shown.

110,627
DESIGN FOR A PORTABLE PRESS
James S. Rodgers, Minneapolis, Minn., assignor to Rodgers Hydraulic Incorporated, Minneapolis, Minn., a corporation of Minnesota
Application March 10, 1938, Serial No. 75,719
Term of patent 14 years



The ornamental design for a portable press, as shown and described.

110,628
DESIGN FOR A DECORATIVE NAIL
Benjamin Salzberg, New York, N. Y.
Application June 10, 1938, Serial No. 77,698
Term of patent 3½ years



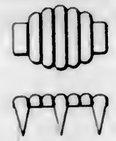
The ornamental design for a decorative nail, substantially as shown.

110,629
DESIGN FOR A DECORATIVE NAIL
Benjamin Salzberg, New York, N. Y.
Application June 10, 1938, Serial No. 77,702
Term of patent 3½ years



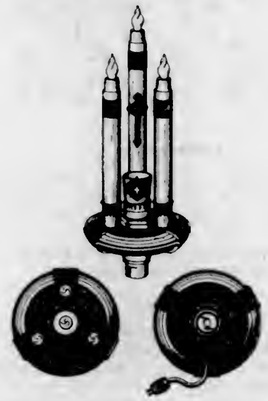
The ornamental design for a decorative nail, substantially as shown.

110,630
DESIGN FOR A DECORATIVE NAIL
Benjamin Salzberg, New York, N. Y.
Application June 10, 1938, Serial No. 77,704
Term of patent 3½ years



The ornamental design for a decorative nail, substantially as shown.

110,631
DESIGN FOR A CANDELABRUM
Max F. Schachter, New York, N. Y.
Application May 5, 1938, Serial No. 76,986
Term of patent 3½ years



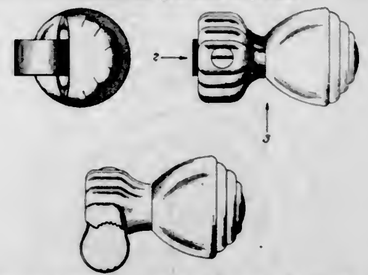
The ornamental design for a candelabrum, as shown.

110,632
DESIGN FOR A COMBINATION MATCH FOLDER AND ARTICLE HOLDER
Joseph B. Waller, Baltimore, Md.
Application May 18, 1938, Serial No. 77,269
Term of patent 14 years



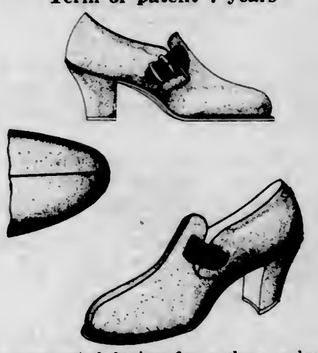
The ornamental design for a combination match folder and article holder, as shown.

110,633
DESIGN FOR A STEERING WHEEL KNOB
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application June 15, 1938, Serial No. 77,845
Term of patent 7 years



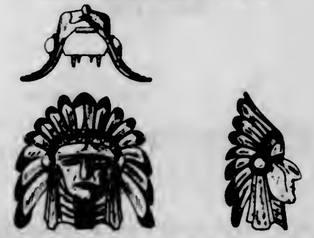
The ornamental design for a steering wheel knob, as shown.

110,634
DESIGN FOR A SHOE
Wallace H. Benton, Portsmouth, Ohio, assignor to The Selby Shoe Co., Portsmouth, Ohio, a corporation of Ohio
Application January 28, 1938, Serial No. 74,619
Term of patent 7 years



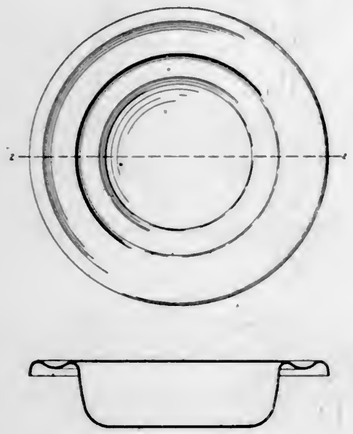
The ornamental design for a shoe, substantially as shown and described.

110,635
DESIGN FOR A CLIP
Georges Albert Julien Bezault, Juvisy-sur-Orge, France, assignor to Cartier, Societe Anonyme, Paris, France, a company of France
Application September 1, 1937, Serial No. 71,418
In France March 22, 1937
Term of patent 7 years



The ornamental design for a clip, substantially as shown.

110,636
DESIGN FOR A COMBINATION CHALK AND CIGARETTE HOLDER FOR BOWLING ALLEY NEWEL POSTS
William Bueche, Cheviot, Ohio
Application October 22, 1937, Serial No. 72,376
Term of patent 3½ years



The ornamental design for a combination chalk and cigarette holder for bowling alley newel posts, as shown.

110,637
DESIGN FOR A COMBINED WATCH AND BRACELET
Lloyd J. Davenport, Kearny, N. J., assignor to Paul E. Flato, New York, N. Y.
Application May 7, 1938, Serial No. 77,055
Term of patent 7 years



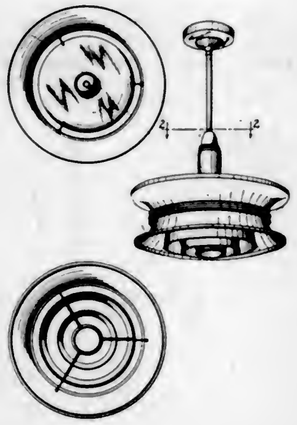
The ornamental design for a combined watch and bracelet, substantially as shown and described.

110,638
DESIGN FOR A TEXTILE FABRIC
Theresa Emmerich, New York, N. Y., assignor to Velveray Corporation of America, New York, N. Y.
Application April 29, 1938, Serial No. 76,863
Term of patent 7 years



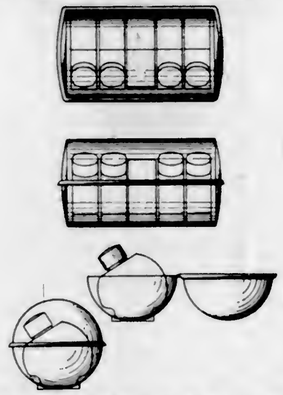
The ornamental design for a textile fabric, substantially as shown and described.

110,639
DESIGN FOR AN ILLUMINATING FIXTURE
Edwin F. Guth, Webster Groves, Mo.
Application May 9, 1938, Serial No. 77,080
Term of patent 3½ years



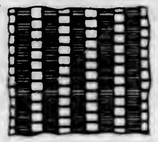
The ornamental design for an illuminating fixture, substantially as shown.

110,640
DESIGN FOR A COMBINATION CONTAINER AND INDIVIDUAL RECEPTACLE
John T. Havekost, Flushing, N. Y.
Application September 29, 1937, Serial No. 71,861
Term of patent 7 years



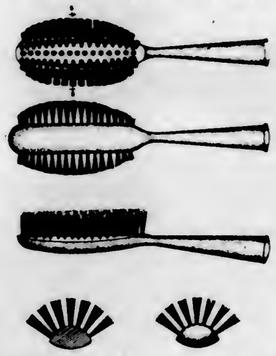
The ornamental design for a combination container and individual receptacle, substantially as shown.

110,641
DESIGN FOR A TEXTILE FABRIC
David Hess, Brooklyn, N. Y.
Application April 21, 1938, Serial No. 76,670
Term of patent 14 years



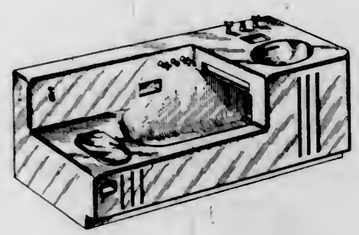
The ornamental design for a textile fabric, substantially as shown and described.

110,642
DESIGN FOR A HAIR BRUSH
Conrad Jobst, Toledo, Ohio, assignor to The Owens Staple-Tied Brush Company, Toledo, Ohio, a corporation of Ohio
Application May 23, 1938, Serial No. 77,343
Term of patent 7 years



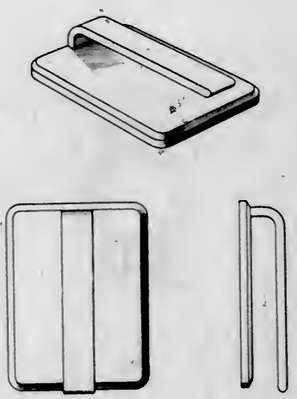
The ornamental design for a hair brush, substantially as shown.

110,643
DESIGN FOR A COMBINATION BATHROOM UNIT
Edward K. Mahlum, Fergus Falls, Minn.
Application March 25, 1938, Serial No. 76,103
Term of patent 14 years



The ornamental design for a combination bathroom unit, as shown.

110,644
DESIGN FOR A COMBINATION FRAME AND HANDLE FOR MIRRORS OR THE LIKE
Mary Anna North, New York, N. Y., assignor to Celluloid Corporation, a corporation of New Jersey
Application March 19, 1938, Serial No. 75,963
Term of patent 7 years



The ornamental design for a combination frame and handle for mirrors or the like, substantially as shown and described.

110,645
DESIGN FOR A SHOE
Alfred Ornsteen, Brookline, Mass., assignor to Tober-Saifer Shoe Company, St. Louis, Mo., a corporation of Missouri
Application June 4, 1938, Serial No. 77,574
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

110,646
DESIGN FOR A TRAFFIC SIGNAL
Raymond Petrochko, Olyphant, Pa.
Application April 27, 1938, Serial No. 76,770
Term of patent 14 years



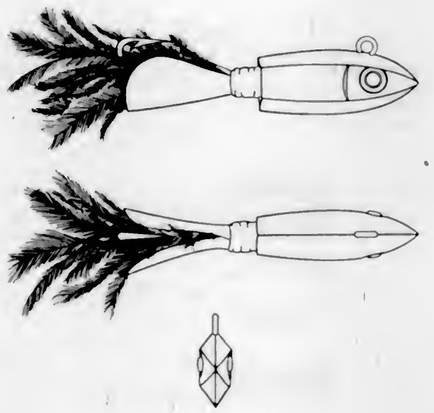
The ornamental design for a traffic signal, as shown and described.

110,647
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
John P. Petterson, Chicago, Ill.
Application May 5, 1938, Serial No. 77,010
Term of patent 14 years



The ornamental design for a spoon or other article of flatware, as shown.

110,648
DESIGN FOR A FISHING LURE
Russell S. Powell, Takoma Park, Md.
Application May 25, 1938, Serial No. 77,377
Term of patent 7 years



The ornamental design for a fishing lure, as shown.

110,649
DESIGN FOR A CONTAINER
William F. Schmalz, Rockville, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application December 6, 1937, Serial No. 73,401
Term of patent 14 years



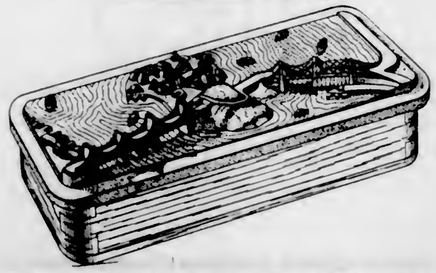
The ornamental design for a container, as described and shown.

110,650
DESIGN FOR AN APPLIQUÉ EMBLEM OR SIMILAR ARTICLE
Leo A. Seltzer, Portland, Oreg.
Application June 1, 1937, Serial No. 69,650
Term of patent 14 years



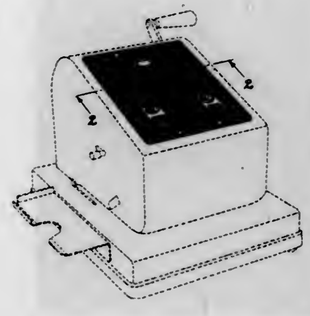
The ornamental design for an appliqué emblem or similar article, substantially as shown and described.

110,651
DESIGN FOR A BOX
Stephen Smith, Berkeley, Calif.
Application May 10, 1938, Serial No. 77,090
Term of patent 7 years



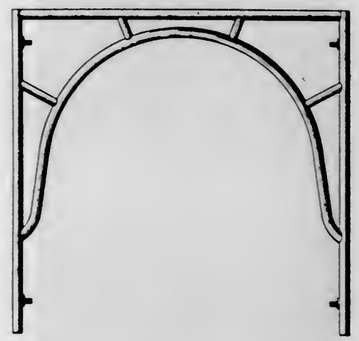
The ornamental design for a box, as shown.

110,652
DESIGN FOR A MACHINE FOR SIGNING FACSIMILE SIGNATURES
Walter L. Todd and Richard C. Browne, Rochester, N. Y., assignors to The Todd Company, Inc., Rochester, N. Y., a corporation of New York
Application April 19, 1938, Serial No. 76,598
Term of patent 14 years



The ornamental design for a machine for signing facsimile signatures, substantially as shown and described.

110,653
DESIGN FOR A SCAFFOLD END FRAME
Reinhold A. Uecker, David E. Beatty, and Ingar G. Rambo, Wauwatosa, Wis.
Application May 9, 1938, Serial No. 77,084
Term of patent 14 years



The ornamental design for a scaffold end frame, as shown.

110,654
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application June 10, 1938, Serial No. 77,725
Term of patent 3½ years



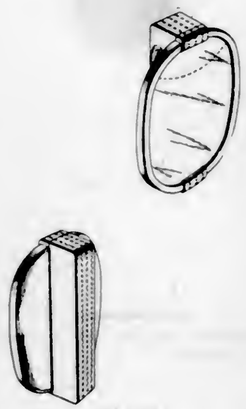
The ornamental design for a textile fabric or similar article, as shown and described.

110,655
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application June 10, 1938, Serial No. 77,726
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

110,656
DESIGN FOR AN ILLUMINABLE HAND MIRROR
Frederic A. Leisen, Detroit, Mich., assignor to Oak Screw Products Company, Hillsdale, Mich., a corporation of Michigan
Application April 12, 1938, Serial No. 76,453
Term of patent 14 years



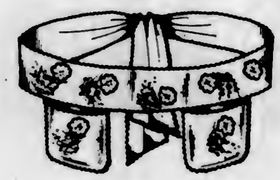
The ornamental design for an illuminable hand mirror, substantially as that illustrated and described.

110,657
DESIGN FOR A COAT
Louis Newman, New York, N. Y.
Application July 1, 1938, Serial No. 78,200
Term of patent 3½ years



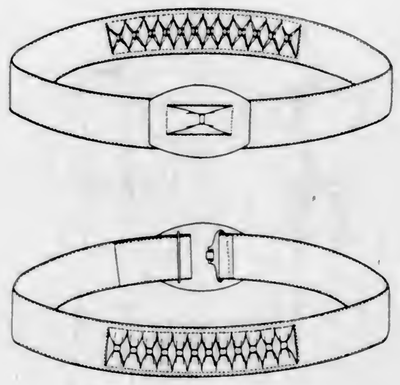
The ornamental design for a coat, substantially as shown and described.

110,658
DESIGN FOR A BELT OR SIMILAR ARTICLE
Dave Penzel, New York, N. Y.
Application June 23, 1938, Serial No. 78,000
Term of patent 3½ years



The ornamental design for a belt or similar article, substantially as shown.

110,659
DESIGN FOR A BELT OR SIMILAR ARTICLE
Alfred Petersdorff, New York, N. Y.
Application June 24, 1938, Serial No. 78,013
Term of patent 3½ years



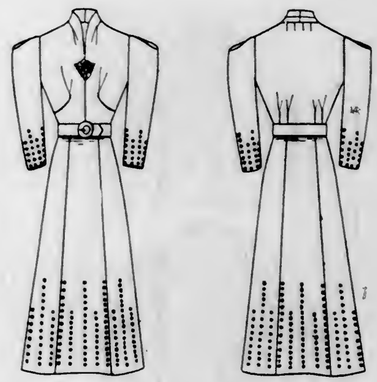
The ornamental design for a belt or similar article, substantially as shown and described.

110,660
DESIGN FOR A COAT
Sol Prestyly, Brooklyn, N. Y.
Application June 28, 1938, Serial No. 78,110
Term of patent 3½ years



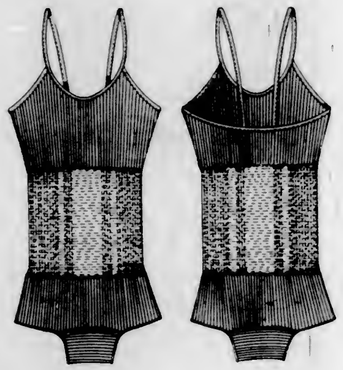
The ornamental design for a coat, substantially as shown and described.

110,661
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application June 25, 1938, Serial No. 78,068
Term of patent 3½ years



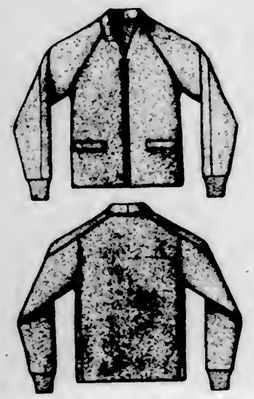
The ornamental design for a dress, substantially as shown, and described.

110,662
DESIGN FOR A COMBINATION UNDERGARMENT
Joseph A. Rielly, Forest Hills, N. Y.
Application March 25, 1938, Serial No. 76,097
Term of patent 14 years



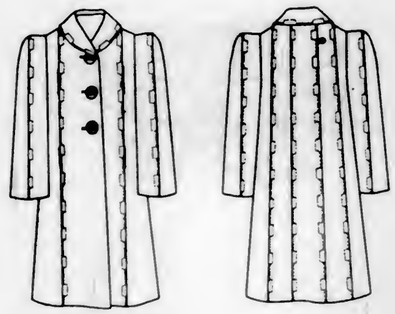
The ornamental design for a combination undergarment, substantially as shown and described.

110,663
DESIGN FOR A COAT
Joseph M. Riordan, San Francisco, Calif., assignor to Gantner & Mattern Company, San Francisco, Calif., a corporation of California
Application June 6, 1938, Serial No. 77,631
Term of patent 7 years



The ornamental design for a coat, as shown.

110,664
DESIGN FOR A COAT
Jack Schumer, New York, N. Y.
Application June 29, 1938, Serial No. 78,127
Term of patent 3½ years



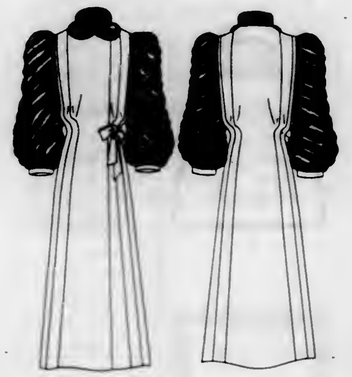
The ornamental design for a coat, substantially as shown.

110,665
DESIGN FOR A COAT
Jack Schumer, New York, N. Y.
Application June 29, 1938, Serial No. 78,128
Term of patent 3½ years



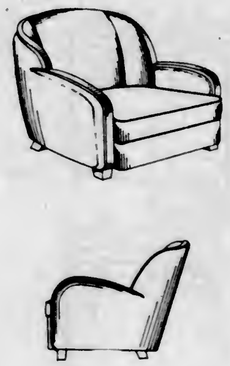
The ornamental design for a coat, substantially as shown.

110,666
DESIGN FOR A COAT
Harry Zuckerman, New York, N. Y.
Application July 2, 1938, Serial No. 78,227
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

110,667
DESIGN FOR AN UPHOLSTERED CHAIR OR SIMILAR ARTICLE
Alfons Bach, New York, N. Y.
Application May 5, 1938, Serial No. 77,009
Term of patent 3½ years



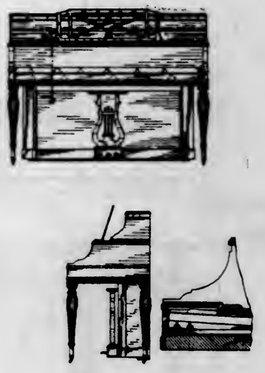
The ornamental design for an upholstered chair or similar article, as shown.

110,668
DESIGN FOR A DRESS
Elizabeth Cutler, New York, N. Y.
Application June 29, 1938, Serial No. 78,126
Term of patent 3½ years



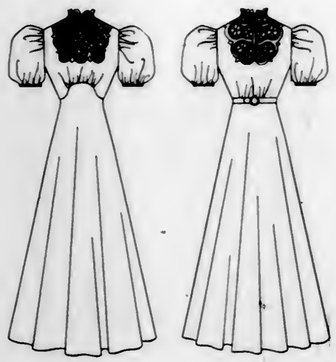
The ornamental design for a dress, substantially as shown.

110,669
DESIGN FOR A PIANO CASE
Wilbur M. Day, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio
Application August 10, 1937, Serial No. 70,975
Term of patent 3½ years



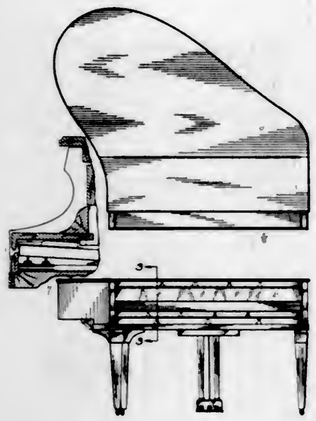
The ornamental design for a piano case, as shown.

110,670
DESIGN FOR A DRESS
Alice Engel, New York, N. Y.
Application June 30, 1938, Serial No. 78,172
Term of patent 3½ years



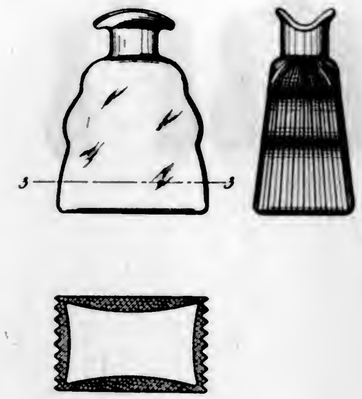
The ornamental design for a dress, substantially as shown.

110,671
DESIGN FOR A PIANO CASE
Fritz Huettemann, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio
Application July 26, 1937, Serial No. 70,657
Term of patent 7 years



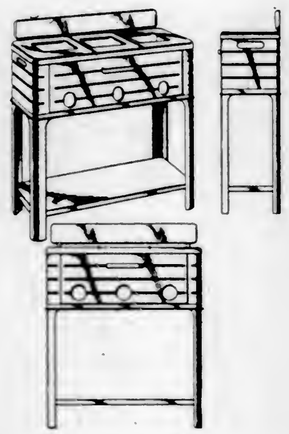
The ornamental design for a piano case, as shown.

110,672
DESIGN FOR A DECANTER OR SIMILAR ARTICLE
Rowena Reed Kostellow, Pittsburgh, Pa., assignor to United States Glass Co., Pittsburgh, Pa., a corporation of Pennsylvania
Application April 8, 1938, Serial No. 76,384
Term of patent 7 years



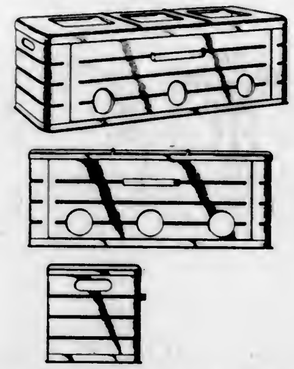
The ornamental design for a decanter or similar article, substantially as shown and described.

110,673
DESIGN FOR A COMBINED STOVE CASING AND BASE THEREFOR
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application March 31, 1938, Serial No. 76,198
Term of patent 7 years



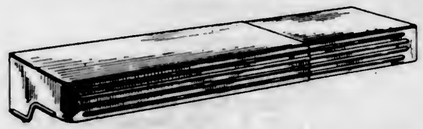
The ornamental design for a combined stove casing and base therefor, as shown.

110,674
DESIGN FOR A STOVE CASING
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application March 31, 1938, Serial No. 76,199
Term of patent 7 years



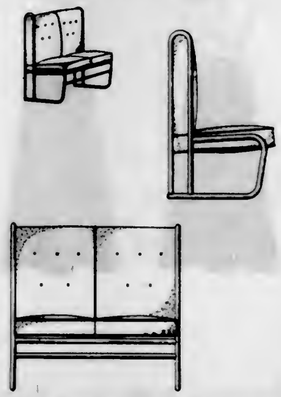
The ornamental design for a stove casing, as shown.

110,675
DESIGN FOR A RADIATOR SHIELD
Edward J. Roithner, New York, N. Y.
Application May 21, 1938, Serial No. 77,324
Term of patent 3½ years



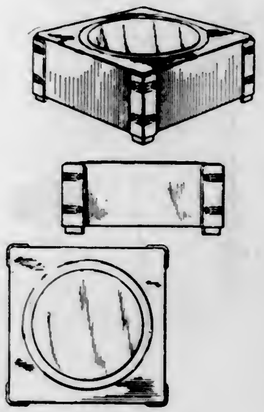
The ornamental design for a radiator shield, as shown and described.

110,676
DESIGN FOR A SETTEE
Irving Salomon, Chicago, Ill.
Application March 5, 1938, Serial No. 75,597
Term of patent 7 years



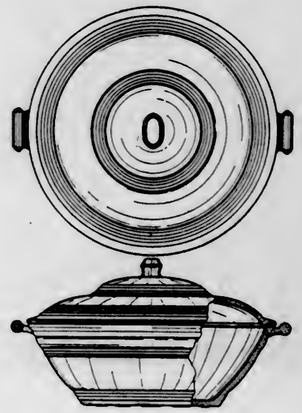
The ornamental design for a settee, as shown.

110,677
DESIGN FOR AN ELECTRIC GRILL OR THE LIKE
Howard A. Smith, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application November 29, 1937, Serial No. 73,244
Term of patent 7 years



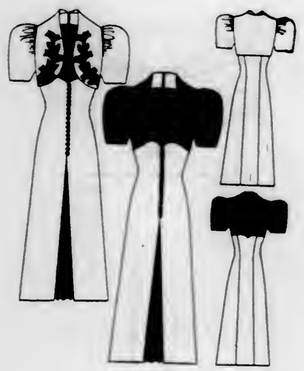
The ornamental design for an electric grill or the like, substantially as shown.

110,678
DESIGN FOR A GLASS CASSEROLE OR SIMILAR ARTICLE
Maurice A. Smith, Jeannette, Pa., assignor to McKee Glass Company, Jeannette, Pa., a corporation of Pennsylvania
Application June 7, 1938, Serial No. 77,640
Term of patent 7 years



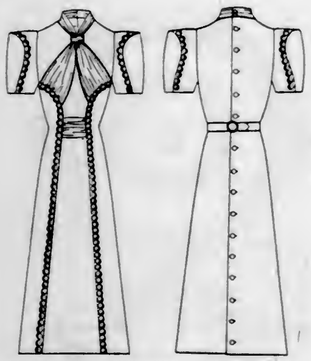
The ornamental design for a glass casserole or similar article, as shown.

110,679
DESIGN FOR A DRESS ENSEMBLE
Elizabeth M. Ciccone, New York, N. Y.
Application July 2, 1938, Serial No. 78,226
Term of patent 3½ years



The ornamental design for a dress ensemble substantially as shown.

110,680
DESIGN FOR A DRESS
Elsie Fischer, New York, N. Y.
Application July 2, 1938, Serial No. 78,228
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

110,681
DESIGN FOR A DRESS
Theresa M. Fritz, New York, N. Y.
Application July 2, 1938, Serial No. 78,229
Term of patent 3½ years



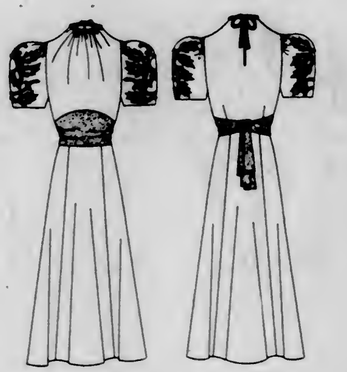
The ornamental design for a dress, substantially as shown and described.

110,682
DESIGN FOR A DRESS
Harry Zinn, New York, N. Y.
Application July 2, 1938, Serial No. 78,224
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

110,683
DESIGN FOR A DRESS
Harry Zinn, New York, N. Y.
Application July 2, 1938, Serial No. 78,225
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,684
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,294
Term of patent 3½ years



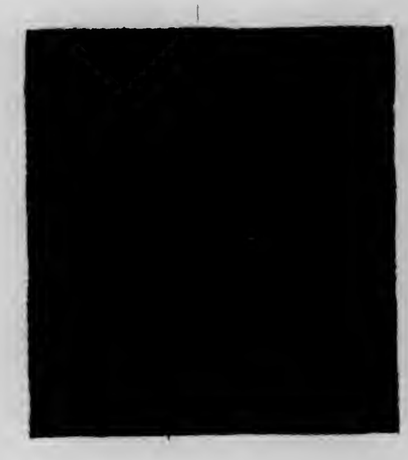
The ornamental design for a textile fabric, substantially as shown and described.

110,685
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,301
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,686
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application July 2, 1938, Serial No. 78,231
Term of patent 3½ years



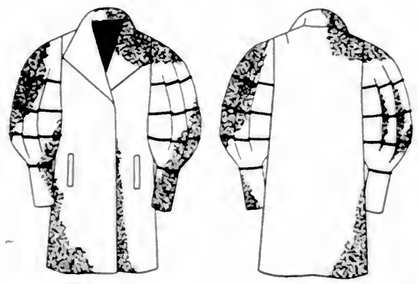
The ornamental design for a printed textile fabric or similar article, as shown.

110,687
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
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The ornamental design for a printed textile fabric or similar article, as shown.

110,688
DESIGN FOR A COAT
Nathan Prigozen, New York, N. Y.
Application June 2, 1938, Serial No. 77,529
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

OFFICIAL GAZETTE

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ERRATA

421552

List of Patentees, page xxi, first column, for Patent No. 2,123,177, read 2,124,177. O. G. July 19, 1938.

List of inventions, page xxxiv, first column, Tabulating Machine, for Patent No. 2,123,177, read 2,124,177. O. G. July 19, 1938.

Patents Nos. 2,125,263 to 2,125,862

THE OFFICIAL GAZETTE OF THE United States Patent Office

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CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,987,867, H. O. Peterson and De Witt R. Goddard, Oscillator, decided July 11, 1938, claims 1 and 4.

Pat. 2,013,119, A. H. Warth, Container closure, decided July 12, 1938, claim 1.

Pat. 2,097,899, Swan Smith, Method of forming containers, decided July 11, 1938, claims 1 and 2.

Interference Notice

U. S. Patent Office, *Washington, D. C., July 19, 1938.*

Frank S. Lyndall, his assigns or legal representatives, take notice:

An interference has been declared by this Office between the application of Standard Oil Company of New Jersey, 100 West Tenth Street, Wilmington, Del., for registration of a trade-mark, and trade-mark registered January 12, 1926, No. 207,887, to Frank S. Lyndall, 2005–07–09 South State Street, Chicago, Ill. A notice of such proceeding sent by registered mail to said Lyndall at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Frank S. Lyndall, his assigns or legal representatives shall enter an appearance within thirty days from the first publication of this order, the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Disclaimers

1,594,356.—*Arthur Byron Davis*, Springfield, Ohio. Inking Roll and Method of and Apparatus for Renewing Surface of Same. Patent dated August 3, 1926. Disclaimer filed July 2, 1938, by the patentee.

Hereby enters this disclaimer to claims 4, 5, 6, and 7 of said specification.

1,987,867.—*Harold Olaf Peterson* and *De Witt Rugg Goddard*, Riverhead, N. Y. Oscillator. Patent dated January 15, 1935. Disclaimer filed July 1, 1936, by the assignee, *Radio Corporation of America*.

Hereby enters this disclaimer to claims 2 and 5 of said Letters Patent.

2,049,545.—*Robert F. Ostrander*, New Haven, Conn. Ventilating Heater for Automobiles. Patent dated August 4, 1936. Disclaimer filed June 29, 1938, by the patentee; the assignee, *Medina Manufacturing Company*, consenting.

Hereby enters this disclaimer to claim 2 of said Letters Patent.

2,062,903.—*James Otis Handy*, Larchmont, N. Y. Dyeing Process. Patent dated December 1, 1936. Disclaimer filed July 7, 1938, by the assignee, *Albert M. Austin*, as trustee.

Hereby disclaims from the scope of claim 1 of said Letters Patent any process of coloring citrus fruits wherein the aquasolufacient consists of saponin or a water-soluble soap of oleic, stearic, palmitic, linolic or other fatty or petroleum acids; and hereby disclaims from the scope of claim 2 of said Letters Patent any process of coloring citrus fruits wherein the material dissolved in the water, which, together with the water, forms a liquid in the nature of a solvent for the dye, consists of saponin or a water-soluble soap of oleic, stearic, palmitic, linolic or other fatty or petroleum acids.

Condition of Applications Under Examination at Close of Business July 16, 1938

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 47,995; Trade-Mark Division, 1,619. Oldest new case, Nov. 2, 1937; oldest amended, Nov. 9, 1937.) (The dates given are 1938 except where † indicates 1937) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Feb. 19	Feb. 16	805
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Feb. 7	Feb. 7	1,000
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Apr. 25	Apr. 15	504
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Mar. 19	Apr. 4	535
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Apr. 2	Apr. 9	678
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Feb. 25	Mar. 1	1,085
5725	7. JARBOE, C. G., Optics; Photography	Apr. 1	Mar. 31	932
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Apr. 5	Apr. 4	693
4626	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Apr. 8	Apr. 15	426
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Feb. 23	Feb. 23	827
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Mar. 25	Mar. 30	550
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Dec. 13	†Dec. 15	1058
3096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 1	Mar. 1	579
3097	14. Smith, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Apr. 30	Apr. 21	557
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Mar. 19	Mar. 19	1,317
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 9	Feb. 9	909
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Feb. 26	Feb. 24	840
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Feb. 23	Feb. 28	578
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 17	Mar. 17	604
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Apr. 11	Apr. 15	442
7730	21. THOMPSON, T. J., Textiles; Cloth Finishing	Apr. 18	Apr. 18	503
5009	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Apr. 11	Apr. 11	677
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 2	†Nov. 9	336
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Apr. 18	Apr. 18	638
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Apr. 1	Apr. 4	641
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Mar. 10	Mar. 21	559
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 24	Jan. 17	1,115
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Apr. 6	Apr. 9	369
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 10	Jan. 10	1,084
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 9	Feb. 14	888
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Apr. 15	Apr. 16	631
4096	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Apr. 4	Apr. 5	595
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Apr. 13	Apr. 5	818
6626	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Mar. 28	Apr. 4	363
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 22	Mar. 26	736
7902	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Feb. 14	Feb. 23	600
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Jan. 13	Jan. 5	962
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	†Dec. 30	†Dec. 30	885
4878	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Mar. 12	Mar. 11	644
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Feb. 17	Feb. 17	1,556
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 5	Mar. 24	304
3882	42. CUTTING, H. O., Electric Signaling	Jan. 8	†Dec. 13	821
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Apr. 5	Apr. 5	586
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Feb. 21	Feb. 18	773
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 8	Mar. 7	800
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Mar. 16	Mar. 16	560
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Mar. 23	Mar. 11	678
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Apr. 2	Apr. 4	495
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 6	Jan. 8	1,035
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 11	Apr. 11	701
5628	51. BACKUS, C. D., Radiant Energy	Apr. 11	Apr. 11	824
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Apr. 4	Apr. 8	837
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Mar. 16	Mar. 21	754
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	May 13	May 16	418
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Feb. 7	Feb. 16	1,003
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Feb. 16	Feb. 16	1,122
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Mar. 28	Mar. 18	505
3906	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 21	423
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Apr. 15	Apr. 16	621
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Mar. 7	Mar. 7	576
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 9	Feb. 1	721
5621	62. PUGH, E. C., Games; Geometrical Instruments	Apr. 9	Apr. 9	597
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Apr. 27	Apr. 25	320
4706	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 5	Apr. 5	1,282
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 6	Feb. 3	719
2099B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND { Trade-Marks	June 6	June 16	1,410
	{ Labels and Prints	June 17	July 1	209
2605	DESIGNS: H. H. KALUPY	June 10	June 22	753

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE HALL

No. 3,897. Decided February 28, 1938

[94 F.(2d) 814]

PATENTABILITY—METHOD OF UPHOLSTERY INSTALLATION. Claims for a method of upholstery installation *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Messrs. Emery, Booth, Holcombe & Miller, and *Mr. Walter I. Jones* (*Mr. Charles F. Miller, Jr.*, of counsel) for Hall.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

BLAND, *J.*:

Appellant has here appealed from the decision of the Board of Appeals of the United States Patent Office, which affirmed that of the Primary Examiner in rejecting all of appellant's claims for a patent for a method of upholstery installation.

Claim 17 is regarded as illustrative of the four claims involved and reads:

17. The method of attaching a fastener-holding plate to a form of cardboard and the like by attaching prongs formed as a part of the attaching plate which comprises providing the prongs with initially bent free ends before engagement with the form and then forcing the attaching prongs through the material of the form against a flat die engaging directly against the opposite side of the form whereby the initially bent end portions strike the die and are curled back into the form into hook-like formations without projecting beyond that surface of the form where the prongs are bent backwardly into the material and exposing only a minimum amount of the prongs.

The references relied upon are as follows: Shipman, 737,874, September 1, 1903; Parsons, 1,238,327, August 28, 1917; Carr, 1,675,787, July 3, 1928; Prez, 1,782,695, November 25, 1930; Place, 1,887,426, November 8, 1932.

The application discloses a means for securing stud fastener members to an upholstery panel especially designed for an automobile, and comprises an attaching staple adapted to be secured to a stiff cardboard panel. The staple has a sheet metal plate which has two or four prongs at the outer periphery. The free ends of the prongs are initially slightly bent outwardly from the plate. The plate and prongs are attached to the cardboard panel by pressing the prongs into the cardboard so that they curl outwardly from the plate and clinch as they are embedded in the cardboard. In the plate is provided a socket for the stud fastener. This panel is then covered on the outer side by securing a textile covering to the smooth surface of the panel. In the applicant's device the plate is securely fastened and at the same time the prongs do not extend beyond the outer surface of the panel so as to penetrate the textile or cause the showing of an uneven surface.

The main point in contest here is concerning the plate prongs being initially slightly curved at the free ends.

Appellant has assigned three reasons of appeal. The Solicitor for the Patent Office has challenged the sufficiency of the first reason of appeal to present the questions sought to be raised by appellant. It is unnecessary for us to discuss this reason of appeal, since it is our view that the two other reasons of appeal sufficiently present the issues which we here decide.

The Shipman patent relates to a fastener which has prongs fastened in fabric with the ends of the prongs curled over and embedded within the material. The prongs curl inwardly and are not initially curved outwardly.

The Parsons patent is for a stapling machine which machine is of no importance here except that it shows the steps of a process which makes use of a staple which has the ends of the legs thereof curved inwardly. The machine employs an anvil for turning back the ends of the legs.

The Place patent relates to securing snap fasteners in which the legs on the body portion of a staple are driven through the material and the tips of the legs may be turned inwardly or outwardly and pressed into the body material. The patentee recites that the staples may be applied by causing the legs to curve laterally as they are driven into the fibrous body material.

Carr and Prez are in the nature of cumulative references which are in addition to Parsons, relate to the upholstery art, and show that it is old to initially bend the ends of attaching prongs to predetermine the direction of the curl of the same.

The Examiner rejected the claims at bar over the disclosure of Place in view of the patents to Prez, Carr, and Parsons, holding that Parsons shows it is old in nailing and stapling, generally, to initially bend the prongs of a staple so that upon penetration into the material, or through the material and against an anvil, the prongs will be deflected back into the material; that Carr and Prez show fastener elements or prongs in the upholstery art which are initially bent for the same purpose; and that

"It is believed that the ordinary mechanic having the disclosure of the structure of Fig. 5 of Place and the methods of Prez and Carr before him would be able to adopt the latter methods to the construction of Place's device without the exercise of any invention."

Originally the Board allowed claims 17 and 19 over the patent to Place. Jurisdiction was restored to the Primary Examiner for the purpose of reopening the prosecution in view of newly discovered references. The said claims 17 and 19, together with newly presented claims 20 and 21, were then rejected by the Examiner as unpatentable over the disclosure of Place in view of the Prez, Carr, Parsons and Lewis patents, the latter reference not being mentioned by the Examiner in his formal statement or by the Board. Upon appeal to the Board of Appeals, the rejection by the Examiner

on the combination of the new references with the old was affirmed.

Appellant's second reason of appeal is as follows:

(2) The Honorable Board of Appeals erred in affirming the Examiner in his rejection of the claims on new references in combination with an old reference (Place, No. 1,887,426) after the Honorable Board of Appeals had previously allowed claims 17 and 19 over that reference.

It is difficult to understand whether appellant challenges the right of the Board to reject on the new references in combination with the old or whether the assignment of error merely questions the correctness of the rejection in event the tribunal was privileged to combine the new and old references. In any event, it is our view that the Board did not err in considering the old reference and the new references in connection with this rejection. Upon the proper presentation of new references it is perfectly proper for the Primary Examiner and the Board to change their decisions as to the allowability of claims if they see fit to do so. *In re Ellis*, 24 C. C. P. A. (Patents) 759, 86 F.(2d) 412, 1937 C. D. 153, 478 O. G. 478.

In affirming the decision of the Examiner, the Board said:

The claims were allowed by this tribunal over the patent to Place No. 1,887,426, on the ground that Place did not definitely anticipate the free bending of the ends of the prongs before applying the fastener to the cardboard, nor was this feature shown by any other citation of record at that time.

The new citations now applied by the Examiner are directed particularly to that feature in similar devices. Each of the patents to Carr, Prez, and Parsons clearly discloses such detail. The patent to Parsons particularly slightly bends the extreme tips of the staple prongs shown in outline in his Fig. 3 but not lettered. Parsons states that when such staple is forced through hoops and staves of baskets, usually made of wood, the turned ends of the prongs will be deflected so as to re-enter the article, thus avoiding sharp ended exposed portions and prevent injury to the hand or clothing of the person who handles said articles. Carr clearly shows the same effect in the bent ends 8 of the prongs of the fastener. Prez illustrates pre-bent ends which we consider cause them to be further deformed and deflected and clinched as in Fig. 2.

After careful consideration of the record including the new citations, it is our opinion that the claims on appeal fail to present invention. Particularly, the patent to Parsons discloses passing the prongs entirely through the material against an anvil and causing them to return and re-enter the material. This appears to be the main principle involved in applicant's claims. We find no invention in transferring this idea from fastening parts of fruit baskets, presumably of thin wood, to application in connection with cardboard.

We are in agreement with the conclusion reached by the Board. The combination of the references considered by the Examiner and approved by the Board clearly shows the elements of appellant's method. It is true that some of the references refer to machines or devices and not to methods but the features relied upon for patentability in the rejected claims are nevertheless disclosed in the references to which attention is called by the tribunals. As was before stated, the main contention regarding the claims defining invention revolves around the initial bending of the ends of the portion of the legs that strike the die. This is old as was clearly shown by the new references cited.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

BORCHARDT *v.* BUKOLT

No. 3,913. Decided March 7, 1938

[94 F.(2d) 983]

INTERFERENCE—PRIORITY.

Record reviewed and *Held* that Borchardt, the junior party, failed to establish "either actual reduction to practice prior to the Bukolt filing date * * * or conception coupled with requisite diligence beginning just prior to that date" and that priority was properly awarded to Bukolt, the senior party.

APPEAL from Patent Office. Affirmed.

Mr. E. Hume Talbert (*Mr. Francis G. Boswell* of counsel) for Borchardt.

Mr. Joseph W. Milburn (*Mr. John A. Griesbauer* of counsel) for Bukolt.

GARRETT, *P. J.*:

This is an interference proceeding in which the Board of Appeals of the United States Patent Office affirmed the decision of the Examiner of Interferences awarding priority to the senior party Bukolt upon the three counts involved. By appeal, the decision of the Board is brought to us for review.

The interference was declared January 29, 1935, between an application of Bukolt, Serial No. 719,961, filed April 10, 1934, entitled "Container closures," and an application of Borchardt, Serial No. 731,358, filed June 19, 1934, entitled "Closures for containers."

As indicated by the respective titles, the subject matter of the invention is a closure for containers. It seems to be particularly adapted to fruit jars. The specification of Borchardt recites the general object of the invention to be

"to provide a closure in the form of a clamping and sealing device that not only provides a leak proof and air-tight connection but can be easily and expeditiously applied and removed with respect to the container with very little effort."

The specification of Bukolt contains matter of the same purport.

Count 1, which is illustrative, reads:

Count 1. An assemblage of the class described comprising container-closing means having a yieldable portion to abut the container, an attaching member having means for connecting it with the container, and a resilient snap disk cooperatively related with said container closing means and said attaching member and capable of being snapped from an inactive position to an active position at which it forces outwardly against said attaching member and inwardly against said container closing means to compress said yieldable portion of said container closing means against the container, said snap disk having an accessible portion for use in snapping it back to said inactive position to allow opening of the container.

The brief on behalf of Bukolt states:

The demonstrations made by Bukolt at various times, and referred to in his preliminary statement, turned out to have been incomplete tests which could not properly be called a reduction to practice. For reduction to practice Bukolt relies upon his filing date.

Upon Borchardt, as the junior party, rests the burden of showing either an actual reduction to practice prior to the Bukolt filing date, April 10, 1934, or conception coupled with requisite diligence beginning just prior to that date.

Borchardt in his preliminary statement claimed conception on or about September 15, 1933; disclosure on or about October 1, 1933; diligence beginning on or about January 1, 1934; reduction to practice on or about January 4, 1934, and written description with first drawings on or about January 9, 1934.

The record discloses that Borchardt was in the employ of the Lullabye Furniture Corporation, located at Stevens Point, Wis., for about thirteen years, during a considerable portion of which time, including the time when the instant controversy arose, he was a foreman in one of the departments; that the company was founded by the father of Bukolt and that Bukolt himself had been with the company for about twenty years at the time of the taking of the testimony, during the latter seven of which he was a director; that the contacts between the parties were frequent and the relations friendly up to and including the time that the original development of a closure cap was undertaken, and that about the middle of January, 1934, Borchardt disclosed to Bukolt a container closure referred to in the record as being of "the set screw type"—a type not here involved.

The work which was done by Borchardt in formulating whatever devices he made was done in the plant of the Lullabye Company, using tools and materials there obtained with Bukolt's knowledge and consent. No question as to shop rights is involved.

It may be said that Bukolt's preliminary statement claimed dates of conception, disclosure, drawings, reduction to practice, and beginning of diligence, ranging, respectively, from January 31, 1934, to February 20, 1934, and it appears to be the claim of Bukolt that Borchardt derived the invention at issue from him. Discussing this point, the Examiner of Interferences said:

While it is alleged by Bukolt that Borchardt derived the invention from him, Borchardt admits that he did not explain his invention to Bukolt and makes no claim that the latter is not an original inventor. Borchardt is the junior party and there is clearly no evidence which would support a holding that he was diligent between Bukolt's filing date (April 10, 1934) and his own (June 19, 1934). It follows that, even if Bukolt be restricted to his filing date, Borchardt cannot prevail unless he establishes a reduction to practice prior to that time.

Borchardt's date of conception, therefore, is immaterial and it is not necessary to pass on the pertinence or authenticity of the sketch (Exhibit 2) which is relied on as establishing conception. In accordance with the request of counsel for Borchardt, however, it is stated on the record that the portion of the sealed end of the envelope in which this sketch was contained, which is not covered by the seal shows no signs of having been opened and resealed and that it is not thought possible that the sketch could have been inserted through this portion.

In its decision, the Board, referring to the sketch so alluded to, says:

This sketch, dated January 9, 1934, discloses a closure for a jar in which is placed a wax paper, a top plate on top of the mouth of the jar, a jar cover with an opening in the center and a member D designated a spring catch plate. It is this member which, it is urged, is a resilient snap disk such as defined in the counts. We fail to find such member a snap disk as it is not clear from Exhibit 2 that it can be bent or deflected from a flat plane surface to a position on opposite sides therefrom as illustrated in the application drawing and there is no description of the disk. We do not consider this a disclosure of the invention in issue.

We concur in this conclusion of the Board, and, under this view, find it unnecessary further to consider the sketch.

With the sketch eliminated, the record contains no proof as to conception apart from what is shown in certain devices, alleged tests of which are claimed for actual reduction to practice.

One of these devices, Exhibit 4, Borchardt claims was made by him January 4, 1934, and another, Exhibit 7, January 25, 1934, and it is pointed out that these dates were prior to Bukolt's alleged conception date of January 31, 1934.

We deduce from the argument on Borchardt's behalf that his theory is that even if it be held that the tests and demonstrations he claims to have made fail to establish reduction to practice, the devices themselves disclose conception of the invention, and the insistence is that certain acts either show diligence during the requisite period, or show that his financial situation was such as to excuse whatever lack of diligence appears.

As we view the matter, the difficulty respecting this theory is that the record does not disclose conception with any greater clearness than it does reduction to practice.

It appears from the record that, in the early part of February, 1934, Borchardt was demoted from the position of foreman in the Lullabye Company plant and assigned to "bench work," his wages being materially reduced, and that he was discharged from any service with the company about May 1, 1934. The brief on his behalf contains certain argument based upon these incidents, but we fail to discern how it bears upon the issue which must be determined. The justice or injustice of his demotion and final discharge cannot affect the questions of fact here material. If conception were shown even without reduction to practice, the financial situation of the party might be considered in connection with the question of diligence, but that matter cannot be reached until conception at least is satisfactorily established. This, it must be held, Borchardt failed to do.

There is no corroboration of his statement that either of the exhibits was made on the dates mentioned. A fellow workman of his by the name of Dzwonkowski, who seems to have agreed to aid Borchardt financially in making his patent application, stated that he first saw the latter's completed caps just shortly before they were sent to the patent attorneys in Washington for use in preparing the application. This appears to have been at a date in April, 1934, later than Bukolt's filing date. Another fellow-workman testified, but his testimony does not show that he saw the devices named. Indeed, Borchardt does not claim to have shown them to any person in the shop.

The testimony of Borchardt as to the test made by him of Exhibit 4 is, in substance, that it was made, in the presence of his wife and her grandfather, by placing liquid in a jar to which the cap was applied and inverting it, and that it stood thus for some time without leaking. Although shown to be available, neither his wife nor the grandfather were called as witnesses.

His testimony with respect to his disclosure to witnesses of Exhibit No. 7 (seemingly along with another device not here involved) is that on January 27, 1934, he demonstrated and explained it to certain parties in two taverns and that it operated

successfully. It is conceded that no liquid was used in these demonstrations.

We have examined carefully the testimony of these persons in whose presence the demonstrations were stated to have been made. It was given more than a year and a half after the date of the tests and was based wholly upon recollection, there being no documentary evidence concerning either the date or the tests. We agree with the tribunals of the Patent Office that the evidence is not sufficiently clear satisfactorily to identify the particular type of cap or closure displayed, and we further agree that in the absence of use of a liquid it cannot properly be held that the tests constituted reduction to practice of the invention.

The pertinent evidence was reviewed with sufficient fullness by both tribunals of the Patent Office, and no good purpose would be served by repeating such review here. The question presented is one of fact and the tribunals concurred upon the question.

We are not convinced of error, and the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

ADAMS AND ENNIS *v.* STULLER

No. 3,878. Decided February 7, 1938

[94 F.(2d) 403]

1. INTERFERENCE — REDUCTION TO PRACTICE — PERFECT OPERATION NOT NECESSARY.

"It is well established that, to constitute a successful reduction to practice of an invention, the device need not be perfect in its operation; but it is enough if it actually and mechanically performs, though in a crude way, the function for which it is designed."

2. SAME—PRIORITY.

Record reviewed and *Held* that S. reduced the invention to practice prior to the entry of A. and E. into the field, that the record does not establish concealment, suppression or abandonment after reduction to practice by S., that there is no evidence that S. or his assignee was spurred into activity with respect to the invention through knowledge of invention by A. and E. and that priority of invention was properly awarded to the senior party S.

APPEAL from Patent Office. Affirmed.

Mr. Frederick S. Duncan and *Mr. John H. Hilliard* for Adams et al.

Mr. C. Paul Parker and *Mr. W. Mercer Alexander* for Stuller.

LENROOT, *J.*:

This is an appeal in an interference proceeding wherein the Board of Appeals of the United States Patent Office affirmed a decision of the Examiner of Interferences awarding priority of invention as to all the counts in issue to appellee.

The interference arises between an application filed by appellee on May 14, 1932, and an application filed by appellants on November 8, 1932. Appellants being the junior parties, the burden was upon them to establish priority of invention by a preponderance of the evidence.

There was originally a third party to the interference, but he failed to continue the prosecution of his case before the Examiner of Interferences and judgment upon the record was entered against him, from which he took no appeal.

The issue consists of three counts, of which count 1 is illustrative and reads as follows:

1. In a buckle of the character described, a frame having a base for supporting the adjacent portion of a strap, a cam lever journaled on the frame to swing into and out of engagement with the adjacent portion of the strap for clamping and releasing the same upon and from the base as the cam is rocked in reverse directions, said cam having an operating handle extending toward the entrant end of the buckle, the free end of the clamped strap being adapted to be returned over and upon the handle of the lever, and lugs on the frame overhanging the returned end of the strap for holding the lever in its clamping position.

The involved invention is sufficiently described in the above-quoted count. The buckle the subject of the count is designed primarily for use in emergency tire chains for automobiles.

Appellants' application states:

This invention relates to a strap buckle of the cam lever type adapted to be used more particularly in connection with traction chains for vehicle wheels, but obviously may be used in any other relation where a firm grip and quick release of the strap are desired.

In appellee's application the following is stated:

The invention relates generally to tire chains and in particular to the type generally known as emergency chains wherein one or more of the chains are adapted to be secured to the wheel of a vehicle without moving the vehicle or raising the wheel.

A general object of the invention is to provide a device of this character which is sturdy, efficient in operation, may be readily and permanently secured in operative position until the operator removes same, and which may be manufactured and sold at a low cost.

Another object is to provide, in an emergency tire chain, means for fastening the chain on the vehicle wheel which is simple and convenient to use and which cannot become accidentally disengaged.

Appellants' preliminary statement alleged conception of the invention on June 17, 1931, and its reduction to practice on June 26, 1931.

Appellee, in his preliminary statement, alleged conception of the invention on or about November 1, 1930, disclosure to others on or about December 1, 1930, and reduction to practice on or about February 1, 1931.

Both sides took testimony.

The Examiner of Interferences made no findings with respect to the time of conception or reduction to practice of the invention by appellants, but found that appellee conceived the invention and reduced it to practice prior to appellants' alleged date of conception and that there was no concealment, suppression, or abandonment of the invention by him. The Examiner therefore awarded priority of invention to appellee.

The Board of Appeals held that appellants had completed the invention "during the fall of 1931," but agreed with the Examiner of Interferences that appellee had conceived the invention and reduced it to practice prior to the conception of the invention by appellants, and also agreed that there had been no suppression, concealment, or abandonment of the invention by appellee. Therefore the Board of Appeals affirmed the decision of the Examiner.

The only issue before the Patent Office tribunals was one of fact, and that is the only issue before us.

The principal matter in controversy is the question of whether or not appellee reduced the invention to practice before appellants entered the field, for it is conceded by appellants, as we understand it, that appellee conceived the invention before March, 1931; at any rate, the Patent Office tribunals so found, and we agree.

It appears that appellee was employed by the Western Chain Products Company of Chicago, the assignee of his application, and had been so employed since September 18, 1930. He testified that he conceived the involved invention on or about November 1, 1930; that he made a sketch embodying the invention on January 5, 1931, and a few days thereafter made a full-sized model from said sketch, which model was introduced in evidence as appellee's Exhibit 6; that about the end of January, 1931, he made another sketch of the invention, and from such sketch another full-sized model was made about the first of February, 1931, which model was introduced in evidence as appellee's Exhibit 8. These exhibits are complete tire chains.

Each of Exhibits 6 and 8 satisfies the terms of the counts before us, but they differ in construction in that Exhibit 6 has a small prong on the clamping arm of the lever, while Exhibit 8 has only three shallow notches on such arm.

The testimony establishes that Exhibit 6 was placed upon a rear wheel of a Ford car and driven around several of the paved city streets. We do not deem it necessary to analyze the testimony respecting this test or further discuss it.

With respect to Exhibit 8, we think it is fairly established by the testimony that this exhibit and three other chains similar to it were tested in February, 1931, and again in March, 1931.

With respect to the test of February, 1931, one William P. Seymour, purchasing agent of the Western Chain Products Company, testified that two chains like Exhibit 8 were placed on each of the rear wheels of a car; it further appears from the record that the said Seymour was accompanied during the test of February, 1931, by one Charles J. Colling, hereinafter referred to. Seymour further testified that he drove around the streets for two or three miles, and that he observed the condition of the chains after he returned. He further testified:

Q. 51. How much of a test was that particular one? What did you do? A. Well, we just drove around the streets around the factory there, for two or three miles.
Q. 52. Was there one or more chains like Exhibit 8 on the car during that test? A. There was four.
Q. 53. Where were they, what wheels, and how many on each wheel? A. Two on each rear wheel.
Q. 54. About how far did you drive on that test? A. Oh, about three miles.
Q. 55. Were you personally in the car during the entire trip? A. Yes, I was.
Q. 56. Did you see the chains put on? A. Yes, sir, I did.
Q. 57. And did you observe the condition of the chains on the wheels after you returned? A. Yes, I did.
Q. 58. Did you notice any failure of functioning of the buckle or any slippage of the strap in the buckle when you returned? A. No, they seemed to be all right.
Q. 59. What was the next test you had to do with of chains like Exhibit 8? A. Sometime later, we made a later test in March, 1931.
Q. 60. Who was with you on that test? A. Mr. Colling.
Q. 61. Anyone else? A. That is all.

Said Seymour further testified that in the March test four chains were used, of which Exhibit 8 was one, two chains being on each of the rear wheels of the car; that there was melting snow on the ground and the pavement was wet; that they drove a considerable distance over paved streets and for three or four blocks over unpaved, muddy, roads; that they got out in the mud once. He further testified that when the trip was over he examined the straps and buckles and, quoting his language, "We found that they were O. K." He further testified as follows:

Q. 85. You mean by that the units were acting properly on the wheels, do you? A. That is right.

On cross-examination the witness testified as follows:

X-Q. 202. You did not put them on and did not know whether they worked satisfactorily, did you? A. They looked all right to me.
X-Q. 203. But you don't know whether they were or not? A. No, sir.

Immediately following this testimony, upon redirect examination the witness testified as follows:

R-D. Q. 204. Were you able, from your observation of the chains, when you got out on that test, to tell whether the strap had slipped in the buckle, or whether the chain unit had moved out of proper position on the wheel or general things like that? A. Why, yes, you could tell by looking at it. It was on straight, and the strap was tight.

The witness Colling testified that he was with Seymour during both the February and March tests. His testimony with respect to the March test is substantially the same as that given by said Seymour. With respect to the condition of the chains after the trip was over, said Colling testified as follows:

Q. 129. Did you observe these chains when you got back to the Western plant before they were taken off the wheels of the car? A. Yes.
Q. 130. How critically did you observe them? Can you state whether there was any change in their condition, or whether the buckles or fasteners had held the strap without slippage? A. Yes, they held the strap without slippage; that is the reason I was critical on it.
Q. 131. Have you had considerable experience with the action of tire chains of various kinds on automobiles? A. Not so much.
Q. 132. Will you state whether or not you consider that particular test to be a mild test or severe test for an emergency chain? A. A very severe test for an emergency chain.
Q. 133. What was your conclusion when you got back to the Western plant as to whether these particular chains like Exhibit 8 had performed satisfactorily or not? A. I thought it done its job pretty well.

It is the contention of appellants that, assuming the testimony of the witnesses Seymour and Colling to be true, the tests given Exhibit 8 were not sufficient to constitute a reduction to practice of the invention; that appellee's application shows that his buckle was designed for emergency tire chains, and that such chains are subjected to much more severe stresses and strains than Exhibit 8 was subjected to in the tests given; that the strap of Exhibit 8 shows upon visual inspection such wear, as a result of the tests, as to negative a successful reduction to practice of the invention; that for a period from March, 1931, until the early part of 1932, both appellee and his assignee were wholly inactive with respect to the invention, and that in 1932 further tests were made, thus indicating that the tests of Exhibits 6 and 8 were unsatisfactory; that while no actual tests sufficient to constitute a reduction to practice of the invention by appellants are established by the record, the fact that thousands of sets of the chains embodying the invention were manufactured and sold to the public by appellants' assignee, the Triumph Trap Company, before any date of reduction to practice to

which [as appellants contend] appellee is entitled, constitutes a reduction to practice of the invention by appellants, and that appellee was lacking in diligence in reducing the invention to practice at the time that appellants entered the field.

Appellants further challenge the identification of Exhibits 6 and 8 as those that were tested by appellee's witnesses.

At the outset, we would observe that, upon all the material facts in the case, there were concurring decisions by the Patent Office tribunals, and the rule is here applicable that such decisions will not be disturbed by us unless they are manifestly wrong. However, it is our opinion upon the merits of the case that such tribunals came to the right conclusion.

We think the evidence fairly establishes that Exhibits 6 and 8 were made prior to March, 1931, and tested in the manner testified to by the witnesses on behalf of appellee. It is also our opinion that the test given Exhibit 8 in March, 1931, was sufficient to constitute a reduction to practice of the invention. We do not think any such extreme tests as are urged by appellants' counsel were necessary.

A car equipped with chains embodying the invention was driven several miles over paved roads, and for several blocks over a wet, muddy, and unpaved road. At the conclusion of the trip the chains were found intact upon the wheels, and there had been no slipping of the belt in the buckle; in other words, the buckle embodying the invention served the purpose for which it was designed. The fact that the strap of Exhibit 8 is somewhat worn we do not regard as of any particular importance.

It is significant that this test was much more severe than the test given appellants' buckle before their assignee engaged in commercial production upon a large scale of tire chains embodying the invention.

Appellants introduced in evidence Exhibit 3, a tire chain embodying their invention. With respect to this exhibit appellant Adams testified as follows:

X-Q. 122. When you stated in your preliminary statement that you and Mr. Ennis reduced the invention of the counts in issue to practice on June 26, 1931, what event are you referring to as constituting that reduction to practice? A. The fact that the entire chain had been put on a car and driven.

Appellant Ennis, the co-inventor with Adams, testified as follows:

Q. 17. Did you ever test the chain and buckle of Exhibit 3? A. Yes, many times.
Q. 18. When was the first test? A. It was actually tried out on a car, I believe, the very next day, the 25th, because when we got it the day of the 24th we were pressed for time, and I know very well we tried it the next day.
Q. 19. Was the test successful or unsuccessful? A. Quite successful.
Q. 20. What do you mean by "quite successful"? A. Well, the strap held and it seemed to work sufficiently well. On the test on the road it didn't drag out, it held.
Q. 21. About how long was the test on the road? A. To Verona and back.
Q. 22. How many miles? A. I believe Verona is about five miles.
Q. 23. From where? A. From Oneida.

It is true that appellants do not claim that any tests given by them to their own invention constituted a reduction to practice, and state that commercial production was entered upon by their assignee before there had been any reduction to practice of the invention.

It is contrary to common business experience that appellants' assignee would have expended large sums of money if appellants had not been satisfied that the tests given the invention, much less severe than the tests given appellee's invention, were sufficient to establish the utility of the invention.

While the facts last above recited are in no wise controlling here and only of minor importance, we point to them as some indication that appellants' position now, as to the extent of the tests necessary to constitute a reduction to practice, is due principally to the exigencies of the case before us. In this statement we do not reflect in any way upon appellants' counsel.

With respect to appellee's conduct regarding the invention subsequent to the March test of Exhibit 8, we do not think the evidence establishes that the invention should be regarded as an abandoned experiment.

One William A. Oink, a witness on behalf of appellee, testified that he was a buyer for Sears, Roebuck and Company, and had been such buyer for 16 years; that some time in February, 1931, the witness Colling endeavored to sell him chains embodying the involved invention, but that he did not give him an order at that time, and that, not until March, 1932, did they give an order for such chains. He further testified as follows:

X-Q. 74. Would it be impossible that you had first these chains of the type of Exhibits 6 or 8 about the time of receiving the 1932 quotations? A. No. If we had no record of experience behind them we would never have taken them on. We had to have those chains sometime in 1931 or we would never have taken them on in 1932.
X-Q. 75. What tests did you make in the winter of 1931? A. Run them around the roads in the snow; turned corners with them; the usual things.
X-Q. 76. Who made those tests? A. I made some. I made some in company with Mr. Colling. I don't know whether Mr. Hill was with us or not. Some of the other boys tried them out.

Arthur W. Hill, President of the Western Chain Products Company, testified that approximately one-half of the total volume of sales of said company was to Sears, Roebuck and Company.

It appears that early in 1932 another model of the invention was made by appellee, introduced in evidence as Exhibit 9, which is identical with Exhibit 8 except that in Exhibit 9 the buckle is integral with the spreader, as distinguished from Exhibit 8 where the buckle is connected to the spreader by a link. Also the strap of Exhibit 9 is of fabric, whereas in Exhibit 8 it is of leather. This model, Exhibit 9, was hand made, and another model identical with it, but machine made, represents the chain sold to Sears, Roebuck and Company, which model was introduced in evidence as Exhibit 10.

Very extensive tests of Exhibit 9 were made, from which appellants' counsel argues that appellee did not regard the tests of Exhibit 8 as being successful, and that hence the tests of Exhibits 6 and 8 should not be regarded as a reduction to practice of the invention.

[1] It is well established that, to constitute a successful reduction to practice of an invention, the device need not be perfect in its operation; but it is enough if it actually and mechanically performs, though in a crude way, the function for which it is designed. *Hildreth* v. *Mastoras*, 257 U. S. 27, 293 O. G. 215.

The buckles in Exhibits 8 and 9 seem to be identical in structure, with the exception noted, and the fact that appellee made extensive tests of Exhibit 9, which differs from Exhibit 8, should not be regarded as negativing a successful reduction to practice of Exhibit 8.

Appellee's assignee, early in 1932, was preparing to engage in the commercial production of the involved invention, and the witness Hill testified that about $50,000 worth of chains embodying the invention were sold to Sears, Roebuck and Company. We think that, under the circumstances, tests of the invention in its commercial form, embodied in a tire chain, were natural, even though the invention had been reduced to practice long before that time.

While the record does not establish any activity on the part of appellee or his assignee with respect to the invention from March, 1931, until the early part of 1932, there is no evidence of suppression, concealment, or abandonment by either appellee or his assignee, and there is no evidence that either of them was spurred into activity through knowledge of appellants' invention.

Sears, Roebuck and Company was the principal customer of appellee's assignee. Said witness Oink, the buyer for said company, testified as follows:

X-Q. 68. Were there any quotations on these double emergency chains submitted to you after the letter of March 6th, 1931? A. You mean during 1931?
X-Q. 69. Yes, during 1931? A. No.
X-Q. 70. Or 1932? A. No. We turned it down and when the due date goes over, there is no use quoting us any more, we could not use them.
* * * X-Q. 71. What due date are you referring to? A. The due date for the catalog for 1931–1932, winter, was past. We would not be interested in any more quotations until next winter's catalog was in process of preparation.
* * * X-Q. 72. So you received only one quotation during 1931? A. Yes.
X-Q. 73. What was the first quotation you received in 1932? A. I can dig it up, if you like. It must be about the same time that we got the quotation in 1931. It should be, because that would be about when the 1932 book was being prepared. I do not know if it is in this file, but it should be. March 29, 1932, we were quoted on our 1932 basis.

From this it appears that Sears, Roebuck and Company would not further consider purchasing chains involving the invention until early in 1932.

[2] We hold that appellee reduced the invention to practice prior to the entry of appellants into the field. The record does not establish concealment, suppression, or abandonment after the invention had been reduced to practice by appellee in March, 1931, and there is no evidence that appellee or his assignee was spurred into activity with respect to the invention through knowledge of appellants' invention. Therefore priority of invention was properly awarded to appellee.

For the reasons stated herein, the decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,332,545, R. de Filippis, Variable steering device for vehicles; 1,357,491, same, Automatic steering device for vehicles. D. C., S. D. N. Y., Doc. E 84/201, *The Automatic Toy Corp.* v. *The Buddy "L" Corp.* Dismissed for lack of prosecution (notice June 8, 1938).

1,357,491. (See 1,332,545.)

1,389,067. M. D. Nielson, Undergarment for women; Re. 17,903 (of 1,680,267), same, Process of making garments for women and children; 1,487,971, same, Undergarment of the bloomer type. D. C. Minn., 4th Div., Doc. E 2956, *Winget Kickernick Co. et al.* v. *L. S. Donaldson Co.* Dismissed without prejudice June 7, 1938.

1,395,523. (See 1,457,188.)

1,398,507, J. H. Gravell, Method of and composition for cleaning metals; 1,428,085, same, Composition for and method of preventing metal from rusting; 1,474,133, W. H. Allen, Polish for enameled surfaces, appeal filed Aug. 11, 1937, C. C. A. 3d Cir., Doc. 6540, *American Chemical Paint Co.* v. *J. G. Brill Co.*

1,428,085. (See 1,398,507.)

1,457,188, E. W. Rogers, Multiple hole top for burner stoves; 1,395,523, same, Attachment for stoves, appeal filed June 6, 1938, C. C. A., 4th Cir., Doc. 4358, *Montgomery Ward & Co., Inc.*, v. *E. W. Rogers et al.*

1,474,133. (See 1,398,507.) 1,487,971. (See 1,389,067.)

1,544,141. (See Re. 16,288.)

1,547,388, 1,571,004. J. Harris, Blowpipe; 1,920,965, L. Campbell, Jr., same; 1,835,845, same, Welding torch, C. C. A., 3d Cir., Doc. 6549–6550–6551, *Harris Calorific Co.* v. *D. A. Marra.* Decree affirmed Mar. 7, 1938.

1,548,465, J. P. Henry, Process for the reproduction of wood grains; 1,944,200, G. von Webern, Process of making graining rolls; 1,994,598, same, Graining roll, D. C., E. D. Mich. (Detroit), Doc. 7240, *Oxford Varnish Corp. et al.* v. *General Motors Corp. et al.* Dismissed June 6, 1938.

1,571,004. (See 1,547,388.)

1,585,318, A. W. Tupper, Time-controlled electric signaling device; 1,585,319, same, Periodic electric signaling device, D. C., N. D. Ohio, E. Div., Doc. E 5669, *Universal Neon Equipment Co.* v. *C. Oberlin.* Dismissed without prejudice (notice June 7, 1938).

1,585,319. (See 1,585,318.)

1,594,039, 1,821,902, W. A. Baum, Manometer, appeal filed Dec. 30, 1937, C. C. A., 3d Cir., Doc. 6668, *W. A. Baum Co., Inc.*, v. *Becton, Dickenson Co., Inc.*

1,637,885. (See 1,942,425.) 1,645,741. (See 1,766,016.)

1,658,421. (See 1,766,016.) 1,680,267. (See 1,389,067.)

1,707,545, 1,992,268, E. C. Wente, Acoustic device; 2,037,187, same, Sound translating device; 1,734,624, H. C. Harrison, Piston diaphragm having tangential corrugations; 1,730,425, same, Acoustic device, D. C., S. D. Calif. (Los Angeles), Doc. E 1308–Y, *Western Electric Co., Inc.*, v. *Lansing Mfg. Co.* Dismissed without prejudice June 4, 1938.

1,709,709. (See 2,030,735.) 1,724,266. (See 1,766,016.)

1,730,425. (See 1,707,545.) 1,734,624. (See 1,707,545.)

1,738,252, 1,783,938. F. Keidel, Seal, appeal filed Oct. 15, 1937, C. C. A., 3d Cir., Doc. 6595, *International Seal & Knot Protector Co.* v. *E. J. Brooks Co.*

1,748,743. (See Re. 16,288.)

1,752,033. (See 1,767,191.)

1,766,016, C. J. Ellis, Rail brake for railway cars; 1,866,552, same, Magnetic brake; 1,724,266, 1,645,741, T. Elliott, same; 1,658,421, W. G. Stuck, same, appeal filed June 11, 1937, C. C. A., 3d Cir., Doc. 6485, *Cincinnati Traction Building Co.* v. *Westinghouse Air Brake Co.*

1,783,938. (See 1,738,252.)

1,808,101. (See Re. 18,840.)

1,821,902. (See 1,594,039.) 1,835,845. (See 1,547,388.)

1,866,552. (See 1,766,016.)

1,878,293, 1,922,453, M. Popper, Pinking attachment for sewing machines; 1,909,346, 1,891,308, H. F. Gruman, Combined seaming and pinking machine, D. C., S. D. N. Y., Doc. E 60/85, *Lewis Invisible Stitch Machine Co.* v. *Four-Way Knife Pinking Machine Co., Inc., et al.* Decree for plaintiff (notice June 3, 1938).

1,891,308. (See 1,878,293.) 1,902,440. (See 2,043,414.)

1,909,346. (See 1,878,293.) 1,913,604. (See 2,022,514.)

1,920,965. (See 1,547,388.) 1,922,453. (See 1,878,293.)

1,930,699. (See Re. 19,079.)

1,936,451, O. G. Hildebrand, Portable lamp; Des. 91,127, same, Lighting fixture; Des. 94,483, same, Wall bracket lamp, D. C., S. D. N. Y., Doc. E 80/146, *O. G. Hildebrand* v. *C. N. Burman Co.* Dismissed for lack of prosecution (notice June 8, 1938).

1,942,425, P. Holman, Furrier's art; 1,637,885, H. Wasserman, Fur bearing sheets used in the manufacture of garments and garment trimmings and process of producing same, D. C., S. D. N. Y., Doc. E 80/309, *Endureth Furs Corp.* v. *T. A. Robinson* (*Stainex Chemical Co.*). Dismissed for lack of prosecution (notice June 8, 1938).

1,944,200. (See 1,548,465.)

1,951,685, H. A. Wheeler, Peak detector; 2,041,273, same, Amplifier volume control, D. C. Md., Doc. E 2466, *Hazeltine Corp.* v. *General Electric Co. et al.* Dismissed without prejudice to the plaintiff May 20, 1938.

1,969,548. (See Re. 18,840.)

1,969,672, N. J. Poux, Separable fastener slider; 2,026,413, Binns & Dehart, Method and machine for making flexible closures; Des. 89,961, H. E. Houghton, Pull for slide fastener, filed June 8, 1938, D. C., W. D. Pa., Doc. E 3409, *Talon, Inc.*, v. *Joy Fastener Co.*

1,992,268. (See 1,707,545.) 1,994,598. (See 1,548,465.)

2,022,514, 1,913,604, W. A. MacDonald, Wave signaling system, D. C. Md., Docs. E 2466–E and 2467, *Hazeltine Corp.* v. *General Electric Co. et al.* Dismissed without prejudice as to plaintiff May 20, 1938.

2,026,413. (See 1,969,672.) 2,026,713. (See 2,104,779.)

2,030,735, Belshaw & La Casse, Ice cuber, appeal filed Feb. 18, 1938, C. C. A., 3d Cir., Doc. 6697; 1,709,709, R. T. Brizzolara, Device for producing ice cubes, included by amended bill Oct. 22, 1936, *Coolerator Co.* v. *J. A. Martocello Co.*

2,037,187. (See 1,707,545.) 2,041,273. (See 1,951,685.)

2,043,414, F. H. Korff, Marker for highways; 1,902,440, E. R. Gill, Jr., Sign, (suit for declaratory judgment), Doc. E 84/98, *F. H. Korff, Inc.*, v. *Prismo Holding Corp.* Dismissed for lack of prosecution (notice June 8, 1936).

2,070,399, T. H. Goldring, Container and carrier for bottled goods; 2,094,744, C. D. Keith, Bottle carrier, filed June 3, 1938, D. C., E. D. N. Y., Doc. E 8544, *C. D. Keith* v. *R. H. Warms, Inc.*

2,094,744. (See 2,070,399.)

2,104,779, I. M. Terwilliger, Method of cinematography to produce stereoscopic solid effects; 2,026,713, same, Means and method of displaying pictures, filed May 31, 1938, D. C., S. D. Calif., C. Div., Doc. E-1394–H, *I. M. Terwilliger et al.* v. *Walt Disney Products, Ltd., et al.*

Re. 16,288 (of 1,544,141). R. R. Eddins, Slip cover for automobiles; 1,748,743, H. G. Wedler, Cover for seat backs, D. C., S. D. N. Y., Doc. E 85/41, *Evr-Klean Seat Pad Co.* v. *Bloomingdale Bros., Inc.* Dismissed for lack of prosecution (notice June 8, 1938).

Re. 17,393. (See Re. 18,852.)

Re. 17,903. (See 1,389,067.)

Re. 18,840 (of 1,808,101), J. P. Eastman, Hose clamp; Re. 19,865 (of 1,969,548), same, Hose coupling, D. C. Minn. (Minneapolis), Doc. E 2953, *J. P. Eastman et al.* v. *Gray Co., Inc.* Consent decree of dismissal without prejudice as to Gray Co., Inc. Patents held valid and infringed by Reda Mfg. Co., injunction May 28, 1938.

Re. 18,841. (See Re. 18,852.)

Re. 18,852 (of Re. 18,841 and Re. 17,393), J. Mayer, Hair waving appliance, D. C., E. D. Mich. (Detroit), Doc. 7537, *The Philad Co.* v. *L. E. Morris Co.* Consent decree for plaintiff May 31, 1938.

Re. 19,079, P. Kollsman, Altimeter; 1,930,899, same, Aneroid and operating means therefor, D. C., E. D. N. Y., Doc. E 7568, *P. Kollsman* v. *Pioneer Instrument Co., Inc.* Decree for defendant; bill dismissed June 6, 1938.

Re. 19,865. (See Re. 18,840.)

Des. 89,961. (See 1,969,672.)

Des. 91,127. (See 1,936,451.)

Des. 94,483. (See 1,936,451.)

Adjudicated Patents

(D. C. Mich.) Cerruti patent, No. 1,310,389, for aeroplane, claims 25 and 26 *Held* invalid. *Cerruti* v. *Stinson Aircraft Corporation*, 23 F. Supp. 387.

(C. C. A. Minn.) Neilson patent, No. 1,389,067, for undergarment for women, claims 1, 2, and 5 *Held* not infringed. *S. S. Kresge Co.* v. *Winget Kickernick Co.*, 96 F.(2d) 978.

(C. C. A. La.) Weiss patent, No. 1,711,706, for method of making wood pulp, claims 1 to 5, inclusive, *Held* invalid. *Bauer Bros. Co.* v. *Bogalusa Paper Co.*, 96 F.(2d) 991.

(C. C. A. La.) Brennan & Hussey patent, No. 1,713,593, for feeding device, *Held* invalid. *Id.*

(C. C. A. Ill.) Julius patent, No. 1,727,108, for loose-leaf binder, *Held* invalid. *Joyce* v. *Kahn*, 96 F.(2d) 877.

(C. C. A. Ill.) Noblitt patent, No. 1,818,268, for heating apparatus for vehicles, claims 1 and 2 *Held* invalid. *Noblitt-Sparks, Industries* v. *Excel Auto Radiator Co.*, 96 F.(2d) 920.

(D. C. Mass.) Moore patent, No. 1,857,209, for toy electric motor, claims 1, 4, and 5 *Held* infringed. *Moore* v. *Finberg*, 23 F. Supp. 368.

(C. C. A. Ill.) Noblitt and Booth patent, No. 1,870,378, for mounting for automobile heaters, claim 6 *Held* invalid. *Noblitt-Sparks, Industries* v. *Excel Auto Radiator Co.*, 96 F.(2d) 920.

(C. C. A. Ill.) Noblitt and Booth patent, No. 1,872,794, for adjustable deflector for automobile heaters, claims 1, 2, 3, 8, and 9 *Held* invalid. *Id.*

(D. C. Mich.) Groene and Meyer patent, No. 2,030,020, for chuck, claims 1, 2, 4 to 6, and 25 to 28 *Held* invalid. *R. K. Le Blond Mach. Tool Co.* v. *Wickes Bros.*, 23 F. Supp. 371.

(C. C. A. Minn.) Neilson reissue patent, No. 17,903, for process of making garments for women and children, claims 1 and 4 *Held* not infringed. *S. S. Kresge Co.* v. *Winget Kickernick Co.*, 96 F.(2d) 978.

(D. C. Mich.) Groene and Luning reissue patent, No. 19,905, for crankshaft lathe, claims 19, 31, and 32 *Held* invalid. *R. K. Le Blond Mach. Tool Co.* v. *Wickes Bros.*, 23 F. Supp. 371.

(D. C. Mich.) Groene reissue patent, No. 20,090, for double center drive crankshaft lathe, claims 13, 18, 19, and 21 to 25 *Held* invalid. *Id.*

TRADE-MARKS

OFFICIAL GAZETTE, AUGUST 2, 1938

[VOL. 493. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

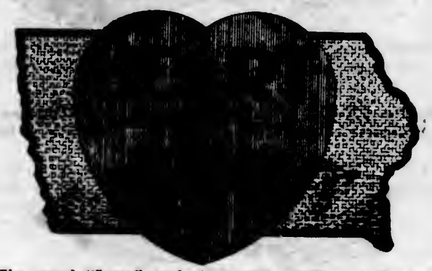
Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 403,820. IOWA SEED COMPANY, Des Moines, Iowa. Filed Mar. 8, 1938.



The word "Iowa" and the representation of the map are disclaimed apart from the mark.

For Field Seeds.

Claims use since Feb. 1, 1937.

Ser. No. 406,718. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany. Filed May 25, 1938.

Perbunan

For Synthetic Rubber and Rubber-Like Materials.

Claims use since July 30, 1937.

Ser. No. 406,740. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed May 25, 1938.

"PERMACELL"

For Sheets or Slabs of Vulcanized Sponge Rubber for Use in Vibration Dampening Mountings.

Claims use since Mar. 31, 1938.

CLASS 2

Receptacles

Ser. No. 406,987. H. & A. SELMER, INCORPORATED, Elkhart, Ind. Filed June 1, 1938.

PORTA-CASE

Exclusive use of the word "Case" is not claimed except in the association shown in the drawing.

For Specially Built Container for Portable Music Stands and the Like.

Claims use since Jan. 14, 1938.

Ser. No. 407,274. NON-SPIL PAPER CUP CORP., New York and Brooklyn, N. Y. Filed June 9, 1938.

Paramount

For Paper Cups.

Claims use since Feb. 1, 1935.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 400,216. WILLIAM WOLF, Newark, N. J. Filed Nov. 27, 1937.

CHARM-WITE

No claim is made to the word "Wite" apart from the mark shown.

For Shoe Cleaning Fluid, Shoe Polish, Shaving Cream, White Shoe Cleaning Fluid.

Claims use since Apr. 12, 1937.

Ser. No. 400,676. AMERICAN DISINFECTING CO., INC., Sedalia, Mo. Filed Dec. 10, 1937.

ADCO

For Alkaline Detergents, Filter Soap, Liquid Garment Stain and Spot Removers, Wet Cleaning Soap, General Cleaning and Scouring Compounds, Liquid Toilet Soap, Soaps for Washing Autos and Other Highly Polished Surfaces, Soap Base, Dry Cleaning Soaps, Liquid Dry-Cleaning Reagents, Toilet Bowl Cleaning Powders, Enamel Cleaning Preparations, Liquid Floor Scrubbing Compounds, Liquid Preparations for Removing Dirt or Grease from Smooth Hard Surfaces, and Liquid Preparations for Cleaning Wood Floors, Marble, Tile, Glass, or Linoleum.

Claims use since 1925.

Ser. No. 403,279. IRVING J. SIEGAL, doing business as Sport-Grip Mfg. Co. (not inc.), Chicago, Ill. Filed Feb. 21, 1938.

sport-grip

For Material in Paste Form for Application to the Hands or to the Implement Used in Playing Games, and

Which Material Contains an Oleo-Resin and Oils Which Have Been Mixed Together into a Semi-Solid Paste; Said Material When Applied to the Hands or to the Implement Used in Playing Games, Providing a Film or Coating Thereon That Absorbs Perspiration and Gives a Non-Slipping Hold.
Claims use since Nov. 10, 1937.

Ser. No. 404,628. PETE BIONDO, St. Louis, Mo. Filed Mar. 30, 1938.

Pe-tre-no Minit

For General Cleaner for Enamel Stoves, Silverware, Windows, Mirrors, Woodwork, Refrigerators, Bath Tubs, and Nickel Plated Articles.
Claims use since Jan. 1, 1938.

Ser. No. 406,937. PATEK & CO., San Francisco, Calif. Filed May 31, 1938.

KOSMETEX

For Compound Used for Removing Cosmetics from Fabrics.
Claims use since May 16, 1938.

CLASS 5

Adhesives

Ser. No. 375,255. I. F. LAUCKS, INC., Seattle, Wash. Filed Feb. 26, 1936.

LAUXEIN

SELF BONDING

The words "Self Bonding" are disclaimed except in connection with the mark as shown.
For Glue.
Claims use since June 19, 1935.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 382,569. REZA & REZA, Oceanside, Calif. Filed Aug. 25, 1936.



For General Tonic.
Claims use since Feb. 22, 1931.

Ser. No. 388,557. EDMUND SCHINDEL, doing business as Schindels Laboratories, Aurora, Ill. Filed Feb. 4, 1937.



For Medicinal Preparation, the Said Preparation Being a Salve for the Treatment of Athlete's Feet.
Claims use since Jan. 20, 1937.

Ser. No. 394,050. THE PURE OIL COMPANY, Chicago, Ill. Filed June 14, 1937.

Hulco Compound

The word "Compound" is disclaimed apart from its association as shown in the accompanying drawing.
For Semi-Solid Protective Coating Material Comprising Essentially Petroleum Hydrocarbons and a Small Amount of a Corrosion Inhibiting Chemical for Coating Metallic Bodies Such as Pipe Lines, Tanks, Etc.
Claims use since Sept. 10, 1935.

Ser. No. 399,182. FORD MOTOR COMPANY, Dearborn, Mich. Filed Nov. 1, 1937.

Ford

Applicant is the owner of registrations Nos. 249,344, 249,345, 250,072, 250,230, 251,383, 252,216, 254,900, 257,500, 260,470, 262,681, 266,452, 266,454, 266,822.
For Anti-Freeze Alcohols and Other Anti-Freeze Liquids.
Claims use since Sept. 10, 1936.

Ser. No. 399,226. FINK & CO. INC., New York, N. Y. Filed Nov. 2, 1937.

Muriel Joan

For Face Cream for Use as a Base to be Applied on the Face Before Using Cosmetics.
Claims use since August, 1936.

Ser. No. 400,075. J. P. WILLIAMS & SON, Lynn, Mass. Filed Nov. 23, 1937.

W600

For Preparation for the Treatment of Pyorrhea.
Claims use since Feb. 5, 1935.

Ser. No. 400,879. FÉLIX CHARLES ROUX, Malakoff, France. Filed Dec. 15, 1937.

ORMOPHYSE

DEHER

For Organotherapeutic (Opotherapeutic) Products in the Form of Dragees for Use Against Asthenia, Anaemia, Anorexia, and Similar Ailments.
Claims use since May, 1936.

Ser. No. 403,436. GEORGE A. DICKSON, doing business as No Vom Co., Dunsmuir, Calif. Filed Feb. 25, 1938.

no vom

For Tablets Used for the Treatment of Nausea, Over-Indulgence, Sea-Sickness and Like Ailments.
Claims use since July 21, 1936.

Ser. No. 403,489. ALBERT ABELSON, Bloemfontein, Orange Free State, Union of South Africa. Filed Feb. 28, 1938.

PAINEX

For Pharmaceutical Preparation in Tablet Form for Headache, Neuralgia, Flu, Insomnia and All Pains and Aches.
Claims use since June, 1923.

Ser. No. 403,522. GEORGE STATHEY REGAS, doing business as G. S. Regas Co., Chicago, Ill. Filed Feb. 28, 1938.



The drawing is lined for the color brown. All the wording appearing in the drawing with the exception of the terms Regas and G. S. Regas Co., are disclaimed.
For Preparation for Removing Dandruff and for the Treatment of Itching Scalp.
Claims use since June 1, 1937.

Ser. No. 403,531. H. H. WOLBRUECK & COMPANY, Bartlett, Tex. Filed Feb. 28, 1938.

J. O. E.

For Medicinal Preparation to be Added to the Feed of Poultry to Increase the Production of Eggs.
Claims use since Jan. 25, 1938.

Ser. No. 403,605. MONROE CHEMICAL COMPANY, Quincy, Ill. Filed Mar. 2, 1938.



The figure on the drawing is fanciful. No claim is made to the exclusive use of the words "The Foaming Refreshing Bath."
For Preparation for the Bath in the Nature of a Water Softener.
Claims use since Jan. 3, 1938.

Ser. No. 403,915. THE GRIFFITH LABORATORIES, INC., also doing business as Griffith Laboratories, Chicago, Ill. Filed Mar. 10, 1938.

ZERO

For Salt Composition for Use in Curing Meats and Like Animal Products.
Claims use since 1926.

Ser. No. 404,069. MICHAEL DELLA CROCE, New York, N. Y. Filed Mar. 11, 1938.



For Cosmetics—Namely, Perfumes, Lotions, Powders, Rouges, Creams, Lip-Sticks, and Astringents.
Claims use since May 1, 1937.

Ser. No. 404,749. LUCIE CHAUVIN, Paris, France. Filed Apr. 1, 1938.

"SPÉVIN"

For Pharmaceutical Products—Namely, Preparations and Compounds for Combatting Obesity and Reducing Body Fat.
Claims use since 1928.

Ser. No. 405,334. UNITED DISTRIBUTORS, INC., Louisville, Ky. Filed Apr. 15, 1938.



No claim is made to the words "Hair Kulor".
For a Preparation for Restoring Color to the Hair.
Claims use since Feb. 10, 1938.

Ser. No. 405,335. UNITED DISTRIBUTORS, INC., Louisville, Ky. Filed Apr. 15, 1938.



The drawing is lined for blue and orange. No claim is made to the words "Hair Kleen".
For Hair Shampoo.
Claims use since Feb. 10, 1938.

Ser. No. 405,404. OLDEN MINERALS, INCORPORATED, Los Angeles, Calif. Filed Apr. 18, 1938.



The word "Minerals" is disclaimed apart from the mark.
For Pharmaceutical Preparations Used in Mineral Baths for Inducing Sleep, Promoting Circulation of the Blood, Reducing Weight, Alleviating Aches and Pains, Inducing Perspiration, Relaxation, and General Toning up of the System, and Mineral Baths Useful in the Treatment of Arthritis, Neuritis, Gout, Rheumatism, and Like Ailments, and as a Cleanser and Deodorant, and Useful in the Treatment of Athlete's Foot, Swollen Feet and Ankles, Corns, Bunions, Excessive Perspiration, and Other Foot Ailments.
Claims use since Apr. 7, 1938.

Ser. No. 405,405. OLDEN MINERALS, INCORPORATED, Los Angeles, Calif. Filed Apr. 18, 1938.

Arthron

For Pharmaceutical Preparations for Preparing Mineral Baths, Useful in the Treatment of Arthritis, Neuritis,

Gout, Rheumatism, and Like Ailments, and for Cleansing the Skin, Removing Dead Tissue, and Opening the Pores of the Skin.
Claims use since Jan. 20, 1936.

Ser. No. 405,624. JOHN SUNSHINE CHEMICAL CO., INC., Chicago, Ill. Filed Apr. 22, 1938.



CANNIBAL

No claim is made for the words "Eats Everything in The Pipe" apart from the mark shown in the drawing.
For Drain Pipe Cleaner.
Claims use since Feb. 16, 1933.

Ser. No. 405,628. ARWELL, INC., Waukegan, Ill. Filed Apr. 23, 1938.

Arwell

MOTH MAGIC

No claim is made for the word "Moth" apart from the mark shown in the drawing.
For Cleansing, Deodorizing, and Fumigating Preparation.
Claims use since Mar. 1, 1938.

Ser. No. 406,023. PARAGON DISTRIBUTING CORP., New York, N. Y. Filed May 7, 1938.

par-oil

The word "Oil" is disclaimed apart from the mark shown.
For Shampoo.
Claims use since Mar. 21, 1938.

Ser. No. 406,256. LAMBERT PHARMACAL COMPANY, Wilmington, Del. Filed May 12, 1938.

ACTIFOAM

For Tooth Paste.
Claims use since Apr. 26, 1938.

Ser. No. 406,292. E. F. HOUGHTON & CO., Philadelphia, Pa. Filed May 13, 1938.

SURFAX

For Wetting Out Agents for Textiles.
Claims use since May 2, 1938.

Ser. No. 406,359. WEBB LABORATORIES, INC., Schenectady, N. Y. Filed May 14, 1938.

VITADOL

For Vitamin Capsules Consisting of Cod Liver Oil Concentrates.
Claims use since Feb. 1, 1936.

Ser. No. 406,421. LOUIS KIPELMAN, doing business as Majestic Laboratories, Richmond Hill, N. Y. Filed May 17, 1938.

KIPZEME

For Preparation for the Treatment of Varicose Ulcers, Eczema, and Similar Skin Diseases.
Claims use since Apr. 19, 1934.

Ser. No. 406,469. FRANK S. SANDERS, West Palm Beach, Fla. Filed May 18, 1938.



For Powder for Headache, Neuralgia, Head Colds, Muscular Aches and Pains, and for Reducing Fever.
Claims use since Feb. 3, 1938.

Ser. No. 406,503. CROOKES LABORATORIES, INCORPORATED, New York, N. Y. Filed May 19, 1938.

COLSARGEN

For Medicinal Preparation Containing Colloidal Metallic Silver in Aqueous Suspension for Treatment of Inflammatory Condition of the Mucous Membranes of the Eye, Nose, Throat, and the Like.
Claims use since May 6, 1938.

Ser. No. 406,529. SOCIETE ANONYME CHIMIE & ATOMISTIQUE, Paris, France. Filed May 19, 1938.

SEPTOPLIX

For Preparation for the Treatment of Streptococcus Infections.
Claims use since Apr. 23, 1937.

Ser. No. 406,688. THE MATHIESON ALKALI WORKS (INC.), New York, N. Y. Filed May 24, 1938.

MICROBEX

For Bactericide, Germicide, Deodorant, Insecticide, and Fungicide.
Claims use since Mar. 17, 1938.

Ser. No. 406,723. ANTHONY EUSTACE LAVETT, doing business as Marvolene Company, Los Angeles, Calif. Filed May 25, 1938.

MARVOLENE

For Tonic for the Hair and Scalp.
Claims use since July 29, 1936.

Ser. No. 406,741. TOM S. WOOD, doing business as C. W. Prescription Laboratories, Fort Worth, Tex. Filed May 25, 1938.

di-function



For Medicine for Treatment of Diabetes.
Claims use since June 22, 1937.

Ser. No. 406,789. R. T. VANDERBILT COMPANY, INC., New York, N. Y. Filed May 26, 1938.

LEDATE

For Lead Dimethyldithiocarbamate To Be Activated With Litharge and Used as an Ultra Accelerator in the Manufacture of Rubber Products.
Claims use since Apr. 28, 1938.

Ser. No. 406,888. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill. Filed May 28, 1938.

STAYCAL

For Thin Boiling Starch.
Claims use since July 29, 1931.

Ser. No. 406,938. PATEK & CO., San Francisco, Calif. Filed May 31, 1938.

Supersour

For Neutralizing Agent Used for Neutralizing Alkalinity.
Claims use since June 1, 1937.

Ser. No. 406,951. THOMAS & WALTERS, INCORPORATED, Los Angeles, Calif. Filed May 31, 1938.

ALUTONE

For Compound for the Treatment of Gastro Intestinal Disturbances.
Claims use since July 23, 1935.

Ser. No. 406,969. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed June 1, 1938.

COPROTE

For Insecticides and Fungicides.
Claims use since May 11, 1938.

Ser. No. 407,349. ROY ZIMMERMAN, doing business as The Zimarva Co., Compton, Calif. Filed June 10, 1938.

ZIMARVA

For Liniment and Salve for Treating Psoriasis and Irritations of the Skin.
Claims use since Apr. 30, 1938.

CLASS 10

Fertilizers

Ser. No. 407,240. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Filed June 8, 1938.

COSMIC - RAY

For Plant Food.
Claims use since May 25, 1938.

CLASS 12

Construction Materials

Ser. No. 406,642. GLOBE ROOFING PRODUCTS CO. INC., Chicago, Ill. Filed May 23, 1938.

JEWEL

For Asphalt Composition Roofing and Building Papers.
Claims use since Mar. 1, 1937.

Ser. No. 406,931. MACKLANBURG-DUNCAN COMPANY, Oklahoma City, Okla. Filed May 31, 1938.

ALACROME

For Fibrous and Metal Weatherstrip, Metal Molding, and Automatic Door Bottoms.
Claims use since May 25, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 405,456. MONARCH SANITARY PRODUCTS, INC., New York, N. Y. Filed Apr. 19, 1938.



For Toilet Seats.
Claims use since May, 1936.

Ser. No. 406,092. CROWN FASTENER CORPORATION, Wilmington, Del., and New York, N. Y. Filed May 7, 1938.

CROWN FASTENER

The word "Fastener" is disclaimed apart from the mark.
For Slide Fasteners.
Claims use since Dec. 21, 1934.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 407,564. SEABOARD STEEL COMPANY OF AMERICA, New York, N. Y. Filed June 16, 1938.

"PROGEN"

For Tool Steels.
Claims use since 1930.

Ser. No. 407,617. BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis. Filed June 18, 1938.

Belmalloy

For Iron and Iron Alloys and Castings Made Therefrom.
Claims use since Mar. 1, 1938.

Ser. No. 407,630. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y. Filed June 18, 1938.



For Nickel Shots and Blocks, and Malleable Nickel.
Claims use since Nov. 30, 1925.

CLASS 15

Oils and Greases

Ser. No. 399,852. THE H. A. MONTGOMERY COMPANY, Detroit, Mich. Filed Nov. 17, 1937.



No claim is made to the letter "Z" and the numeral "41" apart from the mark. The drawing is lined for black and yellow.
For Lubricants and Particularly Lubricants for Treating Lubricating Oils to Increase Penetrating Qualities and Reduce Effects of Temperature Changes.
Claims use since July 9, 1937.

Ser. No. 406,628. W. H. BARBER COMPANY, Minneapolis, Minn. Filed May 23, 1938.

GRIZZLY

For Lubricating Oils and Greases.
Claims use since Apr. 14, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 398,165. I. F. LAUCKS, INC., Seattle, Wash. Filed Oct. 5, 1937.

CeloRez

For Ready Mixed, Paste, and Liquid Paints, Varnishes, Stains, and Lacquers, All Having an Adhesive Material Therein to Increase the Adhesive Tendency Thereof.
Claims use since Sept. 24, 1937.

Ser. No. 405,498. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Apr. 20, 1938.

ENDURANCE

For Ready Mixed Paints, Paint Enamels, Stains, Wood Fillers, and Varnishes.
Claims use since Aug. 15, 1911.

Ser. No. 406,540. CHESTER J. STEBENNE, Denver, Colo. Filed May 19, 1938.



The mark is read as the word "Ming". The drawing is lined for red.

For Automobile Cleaning and Polishing Preparations.
Claims use since Apr. 25, 1938.

Ser. No. 406,591. THE MARTIN-SENOUR CO., Cleveland, Ohio. Filed May 21, 1938.

Solve-X

The word "Solve" is disclaimed apart from the mark as shown.

For Paint Solvents, Paint Reducers, and Paint Extenders.
Claims use since May 4, 1938.

CLASS 17

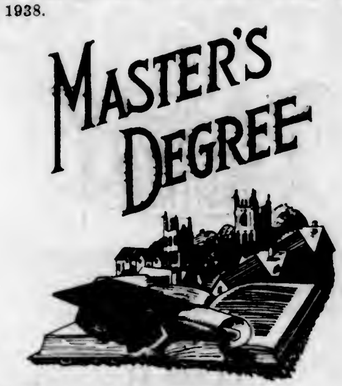
Tobacco Products

Ser. No. 403,600. JOHN MIDDLETON INC., Philadelphia, Pa. Filed Mar. 2, 1938.

BIN 56

For Smoking Tobacco.
Claims use since Mar. 2, 1937.

Ser. No. 406,900. RICHARD R. TOBIN, doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Filed May 31, 1938.



For Smoking and Chewing Tobacco.
Claims use since Feb. 12, 1938.

Ser. No. 406,904. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

CHEWSY

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

Ser. No. 406,905. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

Hi-Hi

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

Ser. No. 406,906. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

Jester

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

Ser. No. 406,907. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

Moose

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

Ser. No. 406,908. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

Nifty

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

Ser. No. 406,910. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

WOW

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 394,640. ANDREW R. SEATON, doing business as Coach Trailer Co., Los Angeles, Calif. Filed June 28, 1937.



No claim is made to the representation of the goods apart from the mark shown.

For Trailers.
Claims use since June 10, 1935.

Ser. No. 406,536. VATCO MFG. CO., Boston, Mass. Filed May 19, 1938.

VATCO

For Automobile Seat Covers.
Claims use since 1922.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 398,427. FORD MOTOR COMPANY, Dearborn, Mich. Filed Oct. 13, 1937.

Ford

Applicant is the owner of registrations Nos. 249,344, 249,345, 250,072, 250,230, 251,383, 252,216, 254,900, 257,500, 260,470, 262,681, 266,452, 266,454, 266,822.

For Radio Receiving Sets and Parts Thereof.
Claims use since Sept. 19, 1932.

Ser. No. 403,276. NICKEL-CHROMIUM PLATING CORPORATION, Chicago, Ill. Filed Feb. 21, 1938.

Super Plater
BRUSH ELECTROPLATING

Applicant disclaims the representation of goods and the terms "Plater", "Brush", and "Electroplating" apart from the mark as shown.

For Electroplating Apparatus Comprising Rectifying Devices and Brushes.
Claims use since Feb. 14, 1938.

Ser. No. 406,999. SAMSON-UNITED CORPORATION, Rochester, N. Y. Filed June 1, 1938.

VISUMATIC

For Electric Flat-Iron.
Claims use since Nov. 18, 1935.

Ser. No. 407,090. DETROLA CORPORATION, Detroit, Mich. Filed June 4, 1938.

"Pee-Wee" JUNIOR

For Radio Receiving Sets and Component Parts.
Claims use since May 20, 1938.

Ser. No. 407,091. DETROLA CORPORATION, Detroit, Mich. Filed June 4, 1938.

Super "Pee-Wee"

For Radio Receiving Sets and Component Parts.
Claims use since Mar. 23, 1938.

Ser. No. 407,092. DETROLA CORPORATION, Detroit, Mich. Filed June 4, 1938.

"PEE-WEE"

For Radio Receiving Sets and Component Parts.
Claims use since Dec. 1, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 377,383. THE E. C. BROWN COMPANY, Rochester, N. Y. Filed Apr. 20, 1936.

VELO-KING

For Juvenile Velocipedes and Scooters.
Claims use since April, 1931.

Ser. No. 404,924. MARGARETE WARD WINFIELD, doing business as Margarete Ward, Los Angeles, Calif. Filed Apr. 5, 1938.



The English translation of the words and characters forming a part of the trade-mark is as follows: The words "Gong Hee Fot Choy" and the Chinese characters in the rectangular frame between the dragon representations are translated as "greeting of riches". The Chinese characters within the heart representation are translated as "long life". The Chinese characters within the diamond representation are translated as "a nice family". The Chinese characters within the club representation are translated as "good luck". The Chinese characters within the spade representation are translated as "riches". The remaining Chinese characters are merely decorative and have no meaning.

For Card Fortune Telling Games.
Claims use since Nov. 1, 1935.

Ser. No. 407,071. NESTOR JOHNSON MANUFACTURING COMPANY, Chicago, Ill. Filed June 3, 1938.

STANLEY CUP

The word "Stanley" is disclaimed apart from the mark.
For Ice Skates and Skate Outfits, the Latter Consisting of Attached Shoes and Skates.
Claims use since May 25, 1938.

Ser. No. 407,412. C. J. AULICK, Los Angeles, Calif. Filed June 13, 1938.

Aul-ick "HELP"

For Playing Cards.
Claims use since Apr. 22, 1938.

Ser. No. 407,572. ZENDICO HYGINE PRODUCTS COMPANY, New York, N. Y. Filed June 16, 1938.

DEKS-TER-I-TI

For Educational Toy Kits.
Claims use since May 12, 1938.

Ser. No. 407,588. L. RAY FOWLER, New York, N. Y. Filed June 17, 1938.

Dandy Goodwill

For Dolls, Stuffed Toys, Board-Games, Doll Carriages, Doll Clothes, and Cut-Out Paper Figures.
Claims use since Mar. 12, 1938.

Ser. No. 407,589. L. RAY FOWLER, New York, N. Y. Filed June 17, 1938.

General GOODWILL

For Dolls, Stuffed Toys, Board-Games, Doll Carriages, Doll Clothes, and Cut-Out Paper Figures.
Claims use since Mar. 12, 1938.

Ser. No. 407,679. ANGELO SAMUEL MORREALE, Los Angeles, Calif. Filed June 20, 1938.

CRIPTERS

For Board Game Played with Pieces.
Claims use since May 7, 1938.

Ser. No. 407,707. ACUSHNET PROCESS COMPANY, Acushnet, Mass. Filed June 21, 1938.

Blue Ray

For Golf Balls.
Claims use since Dec. 31, 1934.

Ser. No. 407,708. ACUSHNET PROCESS COMPANY, Acushnet, Mass. Filed June 21, 1938.

Green Ray

For Golf Balls.
Claims use since Dec. 31, 1934.

Ser. No. 407,818. QUALITY PREMIUM DISTRIBUTORS, INCORPORATED, Philadelphia, Pa. Filed June 23, 1938.

GUESO

For Cards which are Used in the Playing of a Game in the Nature of Lotto Where Answers to Certain Questions are Substituted for the Numbers which Appear on Lotto Cards.
Claims use since June 22, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 400,388. ERWIN KRUSIUS, doing business as Gebr. Krusius, Solingen, Germany. Filed Dec. 2, 1937.

GAZELLE

For Cutlery—Namely, Scissors, Shears, Razors, Pocket-Knives, Table-Knives, Hunting-Knives, Razor-Blades, Nail-Files, Manicure-Instruments, Butcher-Knives, Sugarcane-Knives, Spoons, Forks, Pruning-Shears, Carving-Sets, All of Base Metal.
Claims use since Apr. 1, 1913.

Ser. No. 403,679. DEWALT PRODUCTS CORPORATION, Lancaster, Pa. Filed Mar. 4, 1938.



No claim is made to the words "Custom Cut Lumber" used alone.
For Lumber Cutting Machines.
Claims use since Dec. 1, 1937.

Ser. No. 404,897. HARDWOOD PRODUCTS CO., Mayville, Mich., and Guilford, Maine. Filed Apr. 5, 1938.



For Wooden Spoons Individually Sealed in Paper Tapes, Packaged Wooden Forks and Spoons.
Claims use since Mar. 2, 1938.

Ser. No. 406,255. JOURNAL BOX SERVICING CORPORATION, Indianapolis, Ind. Filed May 12, 1938.

JBS

For Machinery Comprising an Interconnected Organization of Journal Box Waste Washing and Reclaiming Mechanisms, Filters, Oil Stills, Oil Receiving Tanks, and Interconnecting Fittings, All Utilized in a Unitary System of Reclaiming and Re-Oiling Used Journal Box Waste.
Claims use since Apr. 1, 1938.

Ser. No. 406,956. THE BILLINGS & SPENCER COMPANY, Hartford, Conn. Filed June 1, 1938.

VITALLOY

For Pliers and Hammers.
Claims use since May 10, 1938.

Ser. No. 406,958. CEMENT GUN COMPANY, Allentown, Pa. Filed June 1, 1938.

CONCRETOR

For Machines or Apparatus for Mixing and Applying Plastic and Adhesive Materials to Structures or Other Surfaces and Parts of Such Machines.
Claims use since April, 1935.

Ser. No. 407,126. BURNDY ENGINEERING COMPANY, INC., New York, N. Y. Filed June 6, 1938.

HYPRESS

For Tools for Compressing a Connector on a Cable.
Claims use since Feb. 15, 1938.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 402,490. REUBEN M. STEPHENSON, doing business as Stephenson Air Brush Painting Company, Oakland, Calif. Filed Jan. 29, 1938.

SUN GUN

For Testing Apparatus to Determine the Heat Resistance of Materials Such as Roofing.
Claims use since September, 1937.

Ser. No. 405,672. SOCIETY FOR VISUAL EDUCATION, INC., Chicago, Ill. Filed Apr. 23, 1938.

TRI-PURPOSE PROJECTOR

No claim is made to either of said words "Tri-Purpose Projector" apart from the other.
For Still Picture Film Projector.
Claims use since April, 1936.

Ser. No. 406,144. THE NATIONAL CASH REGISTER COMPANY, Dayton, Ohio. Filed May 9, 1938.

National

For Cash Registers; Credit Registers; Autographic Registers; Machines of Flexible Design Having One or More Possible Functions of Ticket Printing, Issuing, Recording, and Registering; Accounting Machines; Combined Typewriters and Adding Machines; Calculating and Computing Machines; and Registering Devices of Flexible Design Having One or More Possible Functions of Indicating, Computing, Calculating, Accounting, Registering, and Recording Data; and Their Parts; With or Without Indicating Mechanism, Computing, Calculating, Accounting Recording Mechanism, Ticket or Receipt Issuing Mechanism, Registering Mechanism, and Cash Drawers.
Claims use since Jan. 18, 1892.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 404,567. LETELLIER-PHILLIPS PAPER COMPANY, INC., New Orleans, La. Filed Mar. 28, 1938.

Comus

For Wiping Cloths.
Claims use since Dec. 1, 1937.

Ser. No. 404,568. LETELLIER-PHILLIPS PAPER COMPANY, INC., New Orleans, La. Filed Mar. 28, 1938.

Rex

For Wiping Cloths.
Claims use since Dec. 1, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 400,886. STAYNEW FILTER CORPORATION, Rochester, N. Y. Filed Dec. 15, 1937.

Glastex

For Filtering Materials.
Claims use since Sept. 1, 1937.

Ser. No. 401,445. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind. Filed Dec. 31, 1937.

NATIONAL CO-OP COOPERATIVES

For Electric Refrigerators.
Claims use since 1936.

CLASS 32

Furniture and Upholstery

Ser. No. 397,522. STEWARTSTOWN FURNITURE COMPANY, Stewartstown, Pa. Filed Sept. 17, 1937.

Heirlooms of The Future

For Furniture—Namely, Bedsteads, Dressers, Chests, Vanity Dressers, Night Stands, Benches, High-Boys, Low High-Boys, Mirrors, and Mirror Frames.
Claims use since Jan. 2, 1937.

Ser. No. 403,917. HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed Mar. 10, 1938.

DIAMOND POINT

For Mirrors.
Claims use since Sept. 16, 1937.

Ser. No. 407,536. CHITTENDEN & EASTMAN COMPANY, Burlington, Iowa. Filed June 16, 1938.

TRANQUILT

For Mattresses and Box Springs.
Claims use since Apr. 11, 1938.

Ser. No. 407,558. QUALITY SALES COMPANY, doing business as Roley Poley Manufacturing Company, Chicago, Ill. Filed June 16, 1938.

CUSTOMETTES

For Furniture Slip Covers.
Claims use since December, 1937.

Ser. No. 407,667. THE ELIAS GLASS COMPANY, Hartford, Conn. Filed June 20, 1938.

DuraBrite

For Mirrors.
Claims use since Jan. 1, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 401,478. FORD MOTOR COMPANY, Dearborn, Mich. Filed Jan. 3, 1938.

Ford

Applicant is the owner of registrations Nos. 249,344, 249,345, 250,072, 250,230, 251,383, 252,216, 254,900, 257,500, 260,470, 262,681, 266,452, 266,454, 266,822.
For Heating and Forced Draft Ventilating Units.
Claims use since Oct. 1, 1934.

Ser. No. 406,296. LAMNECK PRODUCTS INC., Columbus, Ohio. Filed May 13, 1938.

STAN-FLEX

For Pre-Fabricated Air-Conveying Ducts, Furnace Casings, and Elbow and T Fittings for Air Heating and Conditioning Apparatus.
Claims use since Mar. 1, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 392,162. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio. Filed May 1, 1937.

LIGHTNING

For Rubber and Rubber-Containing Pneumatic Tires and Tubes for Vehicle Wheels.
Claims use since May 1, 1936.

Ser. No. 407,307. CORDUROY RUBBER COMPANY, Grand Rapids, Mich. Filed June 10, 1938.

SUPERIB

For Tire Casings for Pneumatic Tires.
Claims use since May 25, 1938.

Ser. No. 407,371. THE FISK RUBBER CORPORATION, Chicopee Falls, Mass. Filed June 11, 1938.

"75"

For Vehicle Tires Made Wholly or Partly of Rubber.
Claims use since May 21, 1938.

Ser. No. 407,693. SEALED POWER CORPORATION, Muskegon, Mich. Filed June 20, 1938.

HI-F

For Piston Rings.
Claims use since May 9, 1938.

CLASS 37

Paper and Stationery

Ser. No. 399,469. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.

WHITE SWAN WRAPPING PAPER

The drawing is lined to represent the colors green, black, and red. No claim is made to the words "Bleached Kraft Butchers Wrapping Paper".
For Paper—Namely, Wrapping Paper, Especially for the Use of Butchers.
Claims use since July 31, 1935.

Ser. No. 404,139. STRATHMORE PAPER COMPANY, West Springfield, Mass. Filed Mar. 16, 1938.

STRATHMORE BOND

The word "Bond" is disclaimed apart from the mark. Applicant is owner of T. M. Reg. No. 92,100, effected under the 10-year proviso.
For Bond Paper.
Claims use since Dec. 1, 1895.

Ser. No. 406,548. CELLULOID CORPORATION, Newark, N. J. Filed May 20, 1938.

LUMARITH PROTECTOID

For Cellulosic Transparent or Translucent Wrapping and Packaging Material.
Claims use since Feb. 16, 1938.

Ser. No. 406,915. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed May 31, 1938.

FORMAT

For Printing Paper, and Especially Uncoated Printing Paper, and Bond Paper.
Claims use since Mar. 14, 1929, on printing paper; since May 10, 1938, on bond paper.

Ser. No. 406,916. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed May 31, 1938.

GARAMOND

For Printing Paper, and Especially Uncoated Printing Paper.
Claims use since Mar. 14, 1929.

Ser. No. 406,917. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed May 31, 1938.

HY-PLANE

For Blanks and Boards for Printing Purposes.
Claims use since Jan. 3, 1930.

Ser. No. 406,918. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed May 31, 1938.

LEXICON

For Printing Paper, and Especially Uncoated Printing Paper.
Claims use since Jan. 19, 1930.

Ser. No. 406,919. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed May 31, 1938.

WEDGWOOD

For Printing Paper, and Especially Uncoated Printing Paper.
Claims use since Apr. 1, 1929.

CLASS 38

Prints and Publications

Ser. No. 391,485. MODES AND FABRICS, INC., New York, N. Y. Filed Apr. 17, 1937.

Style EXCHANGE
A WORLD WIDE FASHION SERVICE

No claim is made to the words "A World Wide Fashion Service" apart from the mark shown.
For Printed Technical Reports and Literatures.
Claims use since January, 1937.

Ser. No. 401,654. DETECTIVE STORIES PUBLISHING COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

CLICK

For Magazine.
Claims use since Dec. 20, 1937.

Ser. No. 405,399. MENASHA PRODUCTS COMPANY, Menasha, Wis. Filed Apr. 18, 1938.

AD-Prestix TAB

No claim is made to the words "Ad-Tab" apart from the mark as shown.
For Printed Display Signs and Advertising Matter Having a Pressure Sensitive Adhesive Coating Thereon Sold to the Trade as Such.
Claims use since Dec. 7, 1937.

CLASS 39

Clothing

Ser. No. 402,084. BETTY-ANN HATS, INC., New York, N. Y. Filed Jan. 19, 1938.

Juvenile HOLLYWOOD FASHIONS
By Betty Ann

Applicant disclaims the words "Juvenile Hollywood Hat Fashions" and the outline of the label.
For Misses' and Children's Hats.
Claims use since July 1, 1937.

Ser. No. 402,299. JAY-THORPE, INC., New York, N. Y. Filed Jan. 25, 1938.

This With That

For Ladies' and Misses' Hats, Shoes Made of Leather, Fabric, and/or Combinations Thereof; Gloves Made of Leather, Fabric, and/or Combinations Thereof; Hosiery, Dresses, Coats, Suits, Blouses, Scarves, Collars and Collar and Cuff Sets, Slips, Nightgowns, Panties, and Handkerchiefs.
Claims use since Dec. 1, 1937.

Ser. No. 404,962. STERLING HOSIERY CO., Chicago, Ill. Filed Apr. 6, 1938.

JINGLE

For Sport Socks, Sweaters; Caps for Men, Women, and Children; Scarfs, and Knit Gloves.
Claims use since Jan. 4, 1938.

Ser. No. 405,396. LATEX FOUNDATIONS, INC., New York, N. Y. Filed Apr. 18, 1938.

Tidyform

For Girdles, Corselets, Brassières, Foundation Garments, Corsets, Step-Ins, Bandeaux, Garter Belts, Men's Girdles, Abdominal Supports for Ordinary Wear, and Reducing Garments.
Claims use since Nov. 2, 1937.

Ser. No. 405,927. HIRSCHBERG-SCHUTZ & CO., New York, N. Y. Filed May 2, 1938.

CORRECT FORM

No claim is made to the words "Correct Form" and "Brand" apart from the mark shown on the drawing.
For Brassières, Girdles, and Corsets.
Claims use since Apr. 18, 1938.

Ser. No. 405,949. WEST COAST MANCHESTER MILLS, INC., Los Angeles, Calif. Filed May 2, 1938.

CRINKIE

For Men's and Women's and Children's Garments—Namely, Swimming Suits, Bathing Suits, Sweaters, Dresses, Hosiery, Underwear, Hats, Caps, Suits, Pajamas, Fabric Gloves, and Shoes Composed of Fabric or of a Combination of Fabric and Other Materials.
Claims use since Feb. 8, 1938.

Ser. No. 406,129. GLADDING'S INC., Providence, R. I. Filed May 9, 1938.

"Playtimers"

For Men's, Women's, Boys', and Girls' Outer Shorts and Shirts, Blouses, Sweat-Shirts, Jerseys, Bathing Suits, Sweaters, Beach-Robes, Blazers, and Shoes Made of Leather, Fabric, Rubber, and Combinations Thereof; and Women's and Girls' Outer Skirts.
Claims use since Mar. 1, 1938.

Ser. No. 406,271. ADAM HAT STORES, INC., New York, N. Y. Filed May 13, 1938.

Mada

For Men's Hats.
Claims use since Mar. 2, 1938.

Ser. No. 406,294. THE JUVENILE SHOE CORPORATION OF AMERICA, Aurora and St. Louis, Mo. Filed May 13, 1938.

GLOVEAL
"AS SOFT AS A GLOVE"

No claim is made to the phrase "Soft as a Glove" except in association with the word "Gloveal".
For Shoes of Leather, or a Combination of Leather, Rubber, or Fabric.
Claims use since Apr. 20, 1938.

Ser. No. 406,693. PURITAN KNITTING MILLS, CORP., Altoona, Pa. Filed May 24, 1938.

PURTWIST

No claim is made to the word "Twist" apart from the mark as shown.
For Woolen Sweaters.
Claims use since May 2, 1938.

Ser. No. 407,196. THE NOLDE AND HORST COMPANY, Reading, Pa. Filed June 7, 1938.

Tween-Age

For Hosiery.
Claims use since May 26, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 403,562. RITE PRODUCTS, INC., New York, N. Y. Filed Mar. 1, 1938.

TIE-RITE

No claim is made to the expression "Tie-Rite" apart from the mark shown.
For Shoe-Lacings.
Claims use since April, 1936.

Ser. No. 405,774. ROBERT HERRMANN, doing business as Heinrich Hermann & Weiss, New York, N. Y. Filed Apr. 27, 1938.

DURA-LOID
H H & W

For Toilet Sets Comprising Articles Backed with Plastic Material, Consisting of Nail Files, Combs, Brushes, Mirrors, and Containers for Soap and Cosmetics.
Claims use since Apr. 21, 1938.

Ser. No. 406,322. AMERICAN ALLSALFE COMPANY, INC., Buffalo, N. Y. Filed May 14, 1938.

DRYBROW

For Sweat Bands or Head Bands.
Claims use since Sept. 1, 1937.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 392,693. LEVY BROTHERS OF ELIZABETH, N. J., INC., Elizabeth, N. J. Filed May 13, 1937.

Lady Elizabeth

For Sheets.
Claims use since Jan. 15, 1934.

Ser. No. 401,045. BARKAN SILK CO. INC., New York, N. Y. Filed Dec. 20, 1937.

L'OPERA SATIN

The word "Satin" is disclaimed apart from the mark.
For Piece Goods Made of Silk, Rayon, Acetate, and Combinations Thereof.
Claims use since May 15, 1936.

Ser. No. 401,863. HERWARD FABRICS CO., New York, N. Y. Filed Jan. 13, 1938.

HERWARD Fabrics

No claim is made to the words "Herward" and "Fabrics" apart from the mark shown.
For Rayon and Woolen Fabrics in the Piece.
Claims use since Mar. 30, 1937.

Ser. No. 406,511. JAMES G. HARDY, doing business as James G. Hardy & Co., New York, N. Y. Filed May 19, 1938.

UNIVERSITY
QUALITY DURABILITY

No claim is made to the words "Quality and Durability" apart from the mark as shown.
For Cotton Sheets and Pillow Cases, Cotton Sheeting and Pillow Case Tubing, and Cotton Bedspreads.
Claims use since Oct. 1, 1937.

Ser. No. 406,570. J. L. STIFEL & SONS, INC., Wheeling, W. Va. Filed May 20, 1938.

PERMA-DRAPE

No claim is made to the exclusive use of the word "Drape" apart from the mark.
For Cotton Piece Goods.
Claims use since May 17, 1938.

Ser. No. 407,232. M. LOWENSTEIN & SONS, INC., New York, N. Y. Filed June 8, 1938.

GYPSY DOODLE

For Cotton and Rayon Piece Goods.
Claims use since Jan. 10, 1938.

Ser. No. 407,300. CANTOR GREENSPAN CO., INC., New York, N. Y. Filed June 10, 1938.

Jovita

For Spun Rayon and Wool Blend Fabric Piece Goods Made of 10/1 Spun Rayon and 10% Wool in Both Warp and Filling.
Claims use since Jan. 1, 1938.

Ser. No. 407,301. CANTOR GREENSPAN CO., INC., New York, N. Y. Filed June 10, 1938.

Rubosa

For Spun Rayon Flake Fabric Piece Goods Made of 14/1 Spun Rayon Flake in Both Warp and Filling.
Claims use since Jan. 1, 1938.

Ser. No. 407,309. DUPLAN SILK CORPORATION, New York, N. Y. Filed June 10, 1938.

Sun an Air

For Textile Fabrics in the Piece—Namely, Silk Fabrics, Satin Fabrics, Rayon Fabrics, Cotton Fabrics, and Mixtures Thereof.
Claims use since June, 1937.

Ser. No. 407,312. T. F. GIBBONEY CO. INC., Reedsville, Pa. Filed June 10, 1938.

THERM-O-CEL

For Blankets.
Claims use since Jan. 1, 1938.

Ser. No. 407,366. COMINS & CO. INC., Rochdale, Mass. Filed June 11, 1938.

Sir Arthur
FABRIC

The word "Fabric" is disclaimed apart from the mark shown.
For Piece Goods Made from Combinations of Mohair, Cotton, Wool, Alpaca, Camel Hair, Silk, and Artificial Silk; Also Woolen, Cotton, Mohair, and Plush Piece Goods.
Claims use since Mar. 1, 1938.

Ser. No. 407,403. WAMSUTTA MILLS, New Bedford, Mass. Filed June 11, 1938.

Aqwa-cale

For Cotton Piece Goods.
Claims use since Oct. 19, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 404,687. CHIROPODY SUPPLY HEADQUARTERS, INC., Chicago, Ill. Filed Mar. 31, 1938.

CHIRODRILL

For Electrical Drill for Use in the Art of Chiropody.
Claims use since June 23, 1936.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 406,655. THE QUEEN CITY BOTTLING COMPANY, Cincinnati, Ohio. Filed May 23, 1938.

LEMO-LYME

The word "Lyme" is disclaimed apart from the mark as shown.
For Non-Alcoholic Fruit Beverage.
Claims use since Sept. 1, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 396,490. PAUL BUNYAN FOODS, INC., Seattle, Wash. Filed Aug. 17, 1937.

PAUL BUNYAN

The trade-mark consists of the name of the famous mythical American lumberjack and woodsman.
For Canned Fruits, Vegetables, Berries, Sauerkraut, and Tomato Catsup.
Claims use since June 14, 1937.

Ser. No. 399,194. MOIRS LIMITED, Halifax, Nova Scotia, Canada. Filed Nov. 1, 1937.



The female figure is fanciful.
For Chocolates.
Claims use since Oct. 15, 1937.

Ser. No. 400,667. COMMERCIAL MILLING COMPANY, Detroit, Mich. Filed Dec. 9, 1937.

COMCO

The drawing is lined for blue.
For Wheat Flour.
Claims use since Apr. 9, 1937.

Ser. No. 401,304. ALLEN F. HAND, Greenwich, N. Y. Filed Dec. 28, 1937.



The words "Hand" and "Melon Farm" are disclaimed apart from the mark as shown.
For Cantaloupes and Melons.
Claims use since 1925.

Ser. No. 403,228. WAYNE CANDIES, INC., Fort Wayne, Ind. Filed Feb. 19, 1938.

HAPPY LANDING

For Candy.
Claims use since Sept. 2, 1937.

Ser. No. 403,963. ROSEMARY CREAMERY, INC., Atlanta, Ga. Filed Mar. 11, 1938.

Roseleaf

For Processed Butter.
Claims use since Feb. 7, 1938.

Ser. No. 405,979. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed May 4, 1938.

KRISPY KORN KRUNCH

The words "Krispy Korn" are disclaimed apart from the mark as shown.
For Popped Pop Corn.
Claims use since Apr. 16, 1938.

Ser. No. 406,395. JOE LOWE CORPORATION, New York, N. Y. Filed May 16, 1938.



The picture of the boy is fanciful. The lining in the drawing is for shading only.
For Frozen Confections.
Claims use since Apr. 20, 1938.

Ser. No. 406,727. PACIFIC TRADING COMPANY, San Francisco, Calif. Filed May 25, 1938.



The Japanese characters are identified by the word Sakura, meaning cherry.
For Noodles.
Claims use since 1936.

Ser. No. 406,776. ELWIN C. SAMPLE, Lakeland, Fla. Filed May 26, 1938.

"VITAEGG"

The word "Egg" is disclaimed apart from the mark as shown.
For Eggs.
Claims use since Oct. 1, 1935.

Ser. No. 406,797. DE SIMONE BROS. INC., Brooklyn, N. Y. Filed May 27, 1938.



The word "Siciliana" is disclaimed apart from the mark as shown in the drawing.
For Olive Oil.
Claims use since Sept. 1, 1937.

Ser. No. 406,854. ARLINGTON PACKING CORPORATION, Arlington, Calif. Filed May 28, 1938.

SUN TASTE

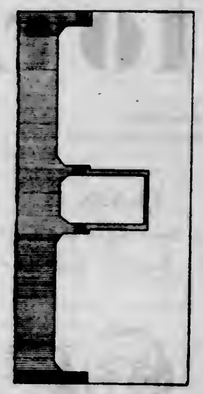
No claim is made to the word "Taste" apart from the mark as shown.
For Canned Fruits, Canned Vegetables, and Canned Fruit Juices for Food Purposes.
Claims use since May 21, 1938.

Ser. No. 406,948. SIOUX HONEY ASSOCIATION, COOPERATIVE, doing business as Western Honey Producers, Sioux City, Iowa. Filed May 31, 1938.

3 BEES BRAND

No claim is made to the word "Brand" apart from the mark.
For Honey.
Claims use since January, 1914.

Ser. No. 406,960. COLLINS-DIETZ-MORRIS COMPANY, Oklahoma City, Okla. Filed June 1, 1938.



The drawing is lined to indicate red. The representation of the label is disclaimed apart from the mark.
For Canned Goods—Namely, Salmon, Mackerel, Vegetable Soup, Tomato Soup, Peas, Corn, Asparagus, Carrots, Tomatoes, Tomato Juice, Beans with Pork, Lima Beans, Green Beans, Spaghetti, Hominy, Sauerkraut, Spinach, Pumpkin, Cherries, Grapefruit, Grapes, Apricots, Peaches, Pears, Prunes, and Pineapple.
Claims use since January, 1936.

Ser. No. 407,035. CARL EGARD SEAGREN, New York, N. Y. Filed June 2, 1938.

cartoon

For Cakes.
Claims use since Oct. 11, 1937.

Ser. No. 407,036. CARL EGARD SEAGREN, New York, N. Y. Filed June 2, 1938.



For Cakes.
Claims use since Oct. 11, 1937.

Ser. No. 407,216. THE CAPITAL CITY PRODUCTS COMPANY, Columbus, Ohio. Filed June 8, 1938.

SIOTA

For Vegetable Shortening.
Claims use since May 26, 1938.

CLASS 48

Malt Beverages and Liquors

Ser. No. 400,692. HAMPDEN BREWING COMPANY, Williamsett, Mass. Filed Dec. 10, 1937.



The representation of a waiter is fanciful.
For Ale, Mild Ale, and Porter.
Claims use since June 2, 1937.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 402,675. BLUE EAGLE WINE & LIQUOR CO., Chicago, Ill. Filed Feb. 4, 1938.

BAR KING

For Whiskey.
Claims use since Nov. 21, 1935.

Ser. No. 407,279. PARAMOUNT DISTILLING CORPORATION, Chicago, Ill. Filed June 9, 1938.

WHITE SPIKE

For Whiskey.
Claims use since Apr. 10, 1937.

Ser. No. 407,406. WILSON DISTILLING CO. INC., Bristol, Pa. Filed June 11, 1938.



For Whiskey.
Claims use since 1870.

Ser. No. 407,407. WILSON DISTILLING CO. INC., Bristol, Pa. Filed June 11, 1938. Under 10-year proviso.

WILSON

For Whiskey.
Claims use since 1823.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 406,575. ATLAS POWDER COMPANY, Wilmington, Del. Filed May 21, 1938.

ZAPON

For Pyroxylin or Otherwise Coated Fabrics—Namely, Leather Cloth.
Claims use since Aug. 11, 1891.

Ser. No. 406,857. COTAN CORPORATION, Wilmington, Del. Filed May 28, 1938.

COTANA

For Coated Textile Fabrics.
Claims use since Oct. 14, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

AUGUST 2, 1938

359,016. PIECE GOODS OF COTTON, NATURAL OR ARTIFICIAL SILK—NAMELY, RAYON, ACETATE SILK, LINEN, WOOL, MOHAIR AND OTHER FIBRES, ETC. AQUA-SEC CORPORATION, New York, N. Y., now by change of name Ymba Corporation, assignor to Aqua-Sec Corporation, New York, N. Y., a corporation of New York (1937).
Filed February 19, 1935. Serial No. 361,597. PUBLISHED MAY 24, 1938. Class 50.

359,017. DUPLICATING LAUNDRY LIST BOOKS. OSCAR R. LOEWENTHAL, Seattle, Wash.
Filed February 21, 1936. Serial No. 375,190. PUBLISHED MAY 24, 1938. Class 37.

359,018. YARNS FOR USE IN KNITTING, EMBROIDERING, AND CROCHETING. EASTYARN, INC., Brooklyn, N. Y.
Filed March 24, 1936. Serial No. 376,339. PUBLISHED MAY 24, 1938. Class 43.

359,019. MOUTH HARMONICAS, HARMONICA BODIES, HARMONICA REEDS, HARMONICA CASINGS, HARMONICA MOUTH PIECES, HARMONICA REED PLATES, HARMONICA TONE MODIFIERS AND TONE CONTROL DEVICES, AND HARMONICA PARTS. HARMONICA DISTRIBUTION CORPORATION OF AMERICA, New York, N. Y.
Filed May 20, 1936. Serial No. 378,656. PUBLISHED MAY 24, 1938. Class 36.

359,020. GOLF BALLS. GREAT WESTERN ATHLETIC GOODS CO., Chicago, Ill.
Filed July 3, 1936. Serial No. 380,562. PUBLISHED MAY 24, 1938. Class 22.

359,021. SAFETY RAZOR BLADES. UTILITY BLADE & RAZOR CO., Maplewood, N. J.
Filed September 17, 1936. Serial No. 383,376. PUBLISHED NOVEMBER 10, 1936. Class 23.

359,022. MEN'S UNDERWEAR AND PAJAMAS. MANCHESTER MANUFACTURING COMPANY, Philadelphia, Pa.
Filed October 26, 1936. Serial No. 384,806. PUBLISHED MAY 24, 1938. Class 39.

359,023. BED SHEETS, PILLOW CASES, AND SHEETING IN THE PIECE MADE OF COTTON, RAYON, MIXTURES OF COTTON AND RAYON, OR MIXTURES OF COTTON WITH OTHER FIBERS. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed February 26, 1937. Serial No. 389,433. PUBLISHED MAY 24, 1938. Class 42.

359,024. ABRASIVE CLOTH AND ABRASIVE PAPER. MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn.
Filed March 4, 1937. Serial No. 389,652. PUBLISHED MAY 24, 1938. Class 4.

359,025. GAME CONSISTING OF A TARGET AT WHICH DARTS ARE THROWN TO INDICATE THE PLAYER'S SCORE. GENERAL FILM COMPANY, Hollywood, Calif.
Filed March 27, 1937. Serial No. 390,764. PUBLISHED MAY 24, 1938. Class 22.

359,026. AUTOMOBILE HEATERS OF THE INTERNAL COMBUSTION TYPE. STEWART-WARNER CORPORATION, Chicago, Ill.
Filed May 5, 1937. Serial No. 392,338. PUBLISHED JANUARY 18, 1938. Class 34.

359,027. DINING ROOM SUITES CONSISTING OF BUFFETS, CHINA CABINETS, SERVERS, TABLES, ARM CHAIRS, AND SIDE CHAIRS, ETC. LUDWIG BAUMANN & COMPANY, New York, N. Y.
Filed May 28, 1937. Serial No. 393,364. PUBLISHED FEBRUARY 22, 1938. Class 32.

359,028. MACHINES FOR LABELING, MARKING, FEEDING, CUTTING, STRIPPING, FOLDING, STRAIGHTENING, BENDING, COILING, AND/OR TIPPING MATERIALS HAVING ELONGATED SHAPES, ETC. ARTOS ENGINEERING COMPANY, Milwaukee, Wis.
Filed June 5, 1937. Serial No. 393,684. PUBLISHED MAY 24, 1938. Class 23.

359,029. SOUND RECORDS FOR TALKING MACHINES. RCA MANUFACTURING COMPANY, INC., Camden, N. J.
Filed June 18, 1937. Serial No. 394,255. PUBLISHED FEBRUARY 15, 1938. Class 36.

359,030. ELECTRICALLY DRIVEN FANS FOR AUTOMOBILE HEATERS AND DEFROSTERS, CONSISTING SPECIFICALLY OF PROPELLER TYPE FANS, PADDLE TYPE BLOWER WHEELS, AND COMBINATION PROPELLER AND CENTRIFUGAL FANS, ALL FOR USE IN THE SAID HEATERS AND DEFROSTERS. THE TORRINGTON MANUFACTURING COMPANY, Torrington, Conn.
Filed July 30, 1937. Serial No. 395,845. PUBLISHED MAY 24, 1938. Class 21.

359,031. CARPET SWEEPERS. STERLING SWEEPER COMPANY, Holland, Mich.
Filed August 9, 1937. Serial No. 396,109. PUBLISHED MAY 24, 1938. Class 23.

359,032. CANNED FRUITS AND FRUIT JUICES FOR FOOD PURPOSES. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif.
Filed August 9, 1937. Serial No. 396,214. PUBLISHED JANUARY 11, 1938. Class 46.

359,033. WOMEN'S AND MISSES' DRESSES, CORSETS, AND BRASSIÈRES. BONWIT, LENNON AND COMPANY, INCORPORATED, Baltimore, Md.
Filed August 18, 1937. Serial No. 396,528. PUBLISHED MAY 10, 1938. Class 39.

359,034. SAFETY RAZOR BLADES. ERNEST CHARLES GUTH, Buenos Aires, Argentina.
Filed September 2, 1937. Serial No. 397,029. PUBLISHED MAY 24, 1938. Class 23.

359,035. READY MIXED PAINTS, READY MIXED PAINT ENAMEL, READY MIXED VARNISHES, AND READY MIXED LACQUERS. CROSBIE-SARALE, INC., Richmond, Calif.
Filed September 14, 1937. Serial No. 397,401. PUBLISHED MAY 24, 1938. Class 16.

359,036. TRACING CLOTH. W. J. PETERS & CIE., Cologne-Rodenkirchen, Germany.
Filed October 5, 1937. Serial No. 398,173. PUBLISHED FEBRUARY 22, 1938. Class 37.

359,037. HANDKERCHIEFS. GOLDBERG & VAN PRAAG, New York, N. Y.
Filed November 2, 1937. Serial No. 399,230. PUBLISHED FEBRUARY 1, 1938. Class 39.

359,038. WINES. QUALITY BRANDS, INC., San Francisco, Calif.
Filed November 6, 1937. Serial No. 399,426. PUBLISHED FEBRUARY 8, 1938. Class 47.

359,039. ELECTRIC RAZORS. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind.
Filed November 12, 1937. Serial No. 399,672. PUBLISHED JANUARY 18, 1938. Class 23.

359,040. WOMEN'S SHOES MADE OF LEATHER AND FABRIC AND COMBINATIONS THEREOF. SAKS & COMPANY, New York, N. Y.
Filed November 13, 1937. Serial No. 399,732. PUBLISHED FEBRUARY 1, 1938. Class 39.

359,041. CANNED CITRUS JUICE FOR FOOD PURPOSES. CALIFORNIA CONSUMERS CORPORATION, Los Angeles, Calif.
Filed November 16, 1937. Serial No. 399,790. PUBLISHED FEBRUARY 1, 1938. Class 46.

359,042. CANNED FRUITS AND VEGETABLES. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif.
Filed November 29, 1937. Serial No. 400,265. PUBLISHED FEBRUARY 1, 1938. Class 46.

359,043. FRUIT JUICES FOR FOOD PURPOSES. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif.
Filed November 29, 1937. Serial No. 400,266. PUBLISHED FEBRUARY 1, 1938. Class 46.

359,044. SCOURING AND CLEANING DEVICES MADE OF METALLIC MATERIAL. METAL TEXTILE CORPORATION, West Orange, N. J.
Filed December 6, 1937. Serial No. 400,517. PUBLISHED MAY 24, 1938. Class 4.

359,045. BAKING YEAST. ATLANTIC YEAST CORPORATION, Brooklyn, N. Y.
Filed December 8, 1937. Serial No. 400,585. PUBLISHED MAY 24, 1938. Class 46.

359,046. ELECTRIC WATER HEATERS. JOSEPH S. LOSEE, doing business as Losee Products Company, Hebron, Ill.
Filed December 8, 1937. Serial No. 400,604. PUBLISHED MAY 24, 1938. Class 21.

359,047. PAPER PRODUCTS—NAMELY, TOILET TISSUE, WRAPPING PAPERS, PAPER NAPKINS, PAPER TOWELS, GUMMED SEALING TAPE, PRINTING PAPER (BOND, BOOK PAPER, LEDGER, AND BLOTTING). UNITED PAPER COMPANY, INC., Richmond, Va.
Filed December 10, 1937. Serial No. 400,709. PUBLISHED MAY 24, 1938. Class 37.

359,048. ILLUSTRATION BOARD AND PAPER AND BRISTOL BOARD. B. K. ELLIOTT COMPANY, Pittsburgh, Pa.
Filed December 17, 1937. Serial No. 400,965. PUBLISHED MAY 24, 1938. Class 37.

359,049. JUNIOR-MISSES', MISSES', AND WOMEN'S DRESSES. PRINCESS JUNIOR, INC., New York, N. Y.
Filed December 21, 1937. Serial No. 401,120. PUBLISHED MAY 17, 1938. Class 39.

359,050. OPHTHALMIC LENSES AND BLANKS THEREFOR. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed December 24, 1937. Serial No. 401,205. PUBLISHED MAY 24, 1938. Class 26.

359,051. BELT DRESSING AND PRESERVER AND A ROPE DRESSING AND PRESERVER. ENSIGN PRODUCTS COMPANY, Cleveland, Ohio.
Filed December 30, 1937. Serial No. 401,380. PUBLISHED MAY 24, 1938. Class 4.

359,052. WOMEN'S UNDERGARMENTS — NAMELY, PANTIES, SLIPS, AND GIRDLES. ROSALIND UNDERWEAR COMPANY, INC., New York, N. Y.
Filed December 30, 1937. Serial No. 401,401. PUBLISHED MAY 17, 1938. Class 39.

359,053. METAL SPRAY GUNS, PARTS OF METAL SPRAY GUNS AND EQUIPMENT USED IN CONNECTION WITH SPRAY GUNS, ETC. METALLIZING ENGINEERING COMPANY, INC., New York, N. Y.
Filed January 4, 1938. Serial No. 401,534. PUBLISHED MAY 24, 1938. Class 23.

359,054. OPHTHALMIC LENSES, GOGGLES, SPECTACLES, SUN GLASSES, AND LENS BLANKS. MARINE OPTICAL MFG. CO., Boston, Mass.
Filed January 12, 1938. Serial No. 401,831. PUBLISHED MAY 24, 1938. Class 26.

359,055. FLAVORING AGENTS AND BLENDERS FOR ALCOHOLIC BEVERAGES. GOLDEN GATE FRUIT PRODUCTS CORPORATION, New York, N. Y.
Filed January 17, 1938. Serial No. 401,962. PUBLISHED MAY 24, 1938. Class 49.

359,056. ELECTRICAL TIMING RELAYS, SWITCHES FOR OPENING OR CLOSING ELECTRICAL CIRCUITS IN A TIMED SEQUENCE, AND PARTS OF SUCH TIMERS AND SWITCHES. EAGLE SIGNAL CORPORATION, Moline, Ill.
Filed January 17, 1938. Serial No. 401,993. PUBLISHED MAY 24, 1938. Class 21.

359,057. SENSITIZED PHOTOGRAPHIC FILM. AGFA ANSCO CORPORATION, Binghamton, N. Y.
Filed January 21, 1938. Serial No. 402,164. PUBLISHED MAY 24, 1938. Class 26.

359,058. MINIATURE GAME KNOWN AS BADMINTON PLAYED WITH A SHUTTLE AND PADDLES. JOHN W. BRASELTON, Tulsa, Okla.
Filed January 28, 1938. Serial No. 402,410. PUBLISHED MAY 24, 1938. Class 22.

359,059. MOTION PICTURE PROJECTORS AND MOTION PICTURE FILM PREPARED FOR PROJECTION BY SAID PROJECTORS. JOSEPH GUERCIO, Chicago, Ill.
Filed January 31, 1938. Serial No. 402,523. PUBLISHED MAY 24, 1938. Class 26.

359,060. HOSIERY. SEAL & HORN, Wyomissing, Pa.
Filed February 8, 1938. Serial No. 402,829. PUBLISHED MAY 24, 1938. Class 39.

359,061. LADIES', MEN'S, AND CHILDREN'S LEATHER GLOVES. CROCETTA BROS. & CO., INC., Gloversville, N. Y.
Filed February 9, 1938. Serial No. 402,850. PUBLISHED APRIL 19, 1938. Class 39.

359,062. BEER. WAUSAU BREWING COMPANY, Wausau, Wis.
Filed February 10, 1938. Serial No. 402,923. PUBLISHED MAY 24, 1938. Class 48.

359,063. LADIES' AND CHILDREN'S SILK, RAYON, AND WOOL DRESSES, BLOUSES, SKIRTS, SUITS, AND COATS. JERRY SPORTSWEAR, INCORPORATED, Chicago, Ill.
Filed February 11, 1938. Serial No. 402,942. PUBLISHED MAY 24, 1938. Class 39.

359,064. PAPER TOWELS. CROWN ZELLERBACH CORPORATION, also doing business as National Paper Products Company, San Francisco, Calif.
Filed February 14, 1938. Serial No. 402,999. PUBLISHED MAY 24, 1938. Class 37.

359,065. LIGHT SENSITIVE PAPER. THE HALOID COMPANY, Rochester, N. Y.
Filed February 14, 1938. Serial No. 403,006. PUBLISHED MAY 24, 1938. Class 26.

359,066. BILLIARD TABLE CLOTH. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill.
Filed February 16, 1938. Serial No. 403,071. PUBLISHED MAY 24, 1938. Class 42.

359,067. FELT-LIKE OR CLOTH-LIKE SHEET MATERIALS COMPOSED OF UNSPUN FIBERS, SUCH AS CELLULOSIC FIBERS, UNIFIED BY THE BONDING OF THE FIBERS TO EACH OTHER. THE KENDALL COMPANY, Walpole, Mass.
Filed February 17, 1938. Serial No. 403,137. PUBLISHED MAY 24, 1938. Class 1.

359,068. CEREAL BREAKFAST FOODS, PARTICULARLY TOAST FLAKES PREPARED FROM WHEAT AND CORN AND FLAVORED WITH MALT SYRUP, SUGAR, AND SALT. GEORGE E. FLIEHMAN, St. Louis, Mo.
Filed February 21, 1938. Serial No. 403,249. PUBLISHED MAY 24, 1938. Class 46.

359,069. SPREAD FOR BREAD AND THE LIKE IN LIEU OF BUTTER OR AS A BUTTER SUBSTITUTE. LOCKSHORE FARMS, INC., Kalamazoo, Mich.
Filed February 21, 1938. Serial No. 403,271. PUBLISHED MAY 24, 1938. Class 46.

359,070. EGGS IN THE SHELL. SELMA MERCANTILE CORPORATION, New York, N. Y.
Filed February 24, 1938. Serial No. 403,375. PUBLISHED MAY 10, 1938. Class 46.

359,071. METRONOMES. FRANZ MFG. CO., INC., New Haven, Conn.
Filed February 26, 1938. Serial No. 403,451. PUBLISHED MAY 24, 1938. Class 36.

359,072. WOOLEN WORK AND SPORT CLOTHING—NAMELY, COATS FOR MEN, WOMEN, AND CHILDREN; JACKETS, PANTS, SNOW SUITS, AND SKI SUITS. H. W. CARTER & SONS, Lebanon, N. H.
Filed March 2, 1938. Serial No. 403,580. PUBLISHED MAY 17, 1938. Class 39.

359,073. UNSENSITIZED AND UNEXPOSED FILMS, AND DRINKING STRAWS. CELLULOID CORPORATION, Newark, N. J.
Filed March 3, 1938. Serial No. 403,637. PUBLISHED MAY 24, 1938. Class 50.

359,074. MARMALADE MADE FROM CITRUS FRUITS. PAUL HAWKINS COMPANY, Los Angeles, Calif.
Filed March 4, 1938. Serial No. 403,705. PUBLISHED MAY 3, 1938. Class 46.

359,075. FOUNTAIN PENS AND PARTS THEREOF. THE WASP PEN CO. INC., Fort Madison, Iowa.
Filed March 7, 1938. Serial No. 403,806. PUBLISHED MAY 24, 1938. Class 37.

359,076. RESERVOIR DESK STANDS FOR WRITING FLUIDS. THE WASP PEN CO. INC., Fort Madison, Iowa.
Filed March 7, 1938. Serial No. 403,807. PUBLISHED MAY 24, 1938. Class 37.

359,077. SILK, RAYON, COTTON, AND WOOLEN FABRICS IN THE PIECE. BARKAN SILK CO. INC., New York, N. Y.
Filed March 8, 1938. Serial No. 403,810. PUBLISHED MAY 24, 1938. Class 42.

359,078. JAR CAPS. JESSE D. TUCKER, Huntington Park, Calif.
Filed March 8, 1938. Serial No. 403,839. PUBLISHED MAY 24, 1938. Class 50.

359,079. CANDY. THE GEORGE CLOSE COMPANY, Cambridge, Mass.
Filed March 9, 1938. Serial No. 403,857. PUBLISHED MAY 24, 1938. Class 46.

359,080. MEN'S AND BOYS' TOPCOATS AND OVERCOATS. SPECTOR BROTHERS, INCORPORATED, Philadelphia, Pa.
Filed March 10, 1938. Serial No. 403,926. PUBLISHED MAY 24, 1938. Class 39.

359,081. WOMEN'S AND MISSES' COATS, SUITS, AND DRESSES. FELDMAN-GWIRTZMAN, INC., New York, N. Y.
Filed March 11, 1938. Serial No. 403,942. PUBLISHED MAY 17, 1938. Class 39.

359,082. WOVEN FIBER FABRICS—VIZ., PIECE GOODS, THE YARNS FOR WHICH ARE OF TWISTED PAPER, RAYON, CELLULOSE FILM, AND THE LIKE. HODGES CARPET COMPANY, Indian Orchard, Mass.
Filed March 11, 1938. Serial No. 403,947. PUBLISHED MAY 24, 1938. Class 42.

359,083. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS, AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. SWEENEY BOTTLING WORKS, Middletown, N. Y.
Filed March 11, 1938. Serial No. 403,972. PUBLISHED MAY 24, 1938. Class 45.

359,084. CLOSURES FOR RECEPTACLES. THORNTITE TOPS, INC., New York, N. Y.
Filed March 11, 1938. Serial No. 403,975. PUBLISHED MAY 24, 1938. Class 50.

359,085. CARD GAME AND ITS ACCESSORIES. ROBERT MOREY, New Haven, Conn.
Filed March 12, 1938. Serial No. 403,976. PUBLISHED MAY 24, 1938. Class 22.

359,086. SOAP CONTAINERS WHICH ARE SOLD OR DISTRIBUTED EMPTY. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed March 12, 1938. Serial No. 403,992. PUBLISHED MAY 24, 1938. Class 2.

359,087. LADIES' BLOUSES. SUSQUEHANNA WAIST COMPANY, Philadelphia, Pa.
Filed March 14, 1938. Serial No. 404,065. PUBLISHED MAY 17, 1938. Class 39.

359,088. LEATHER. BALLY, INC., New York, N. Y.
Filed March 15, 1938. Serial No. 404,075. PUBLISHED MAY 24, 1938. Class 1.

359,089. LADIES' AND MISSES' PLAYSUITS, OVERALLS, SLACKS, HALTERS, SHORTS, AND CULOTTES. MAX KRIEGER, New York, N. Y.
Filed March 15, 1938. Serial No. 404,086. PUBLISHED MAY 24, 1938. Class 39.

359,090. CEREAL FOOD PRODUCTS, PARTICULARLY BREAKFAST CEREAL. GENERAL MILLS, INC., Minneapolis, Minn.
Filed March 18, 1938. Serial No. 404,214. PUBLISHED MAY 24, 1938. Class 46.

359,091. WOMEN'S SUMMER SUITS. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash.
Filed March 21, 1938. Serial No. 404,284. PUBLISHED MAY 24, 1938. Class 39.

359,092. BOTTLED BEVERAGES KNOWN AS SOFT DRINKS AND SYRUPS FOR MAKING THE SAME. LESLIE B. STEVEN, doing business as Scudder Syrup Co., Chicago, Ill.
Filed March 21, 1938. Serial No. 404,329. PUBLISHED MAY 24, 1938. Class 45.

359,093. DRY GIN. BEN-BURK, INC., Boston, Mass.
Filed March 22, 1938. Serial No. 404,347. PUBLISHED MAY 24, 1938. Class 49.

359,094. MALTED MILK BEVERAGE. COCO VITE COMPANY, Philadelphia, Pa.
Filed March 22, 1938. Serial No. 404,352. PUBLISHED MAY 24, 1938. Class 46.

359,095. LIPSTICK TISSUES. THE SITROUX COMPANY, INC., New York, N. Y.
Filed March 22, 1938. Serial No. 404,381. PUBLISHED MAY 24, 1938. Class 37.

359,096. HOSPITAL SANITARY HANDKERCHIEFS AND HANDKERCHIEF WIPES OF PAPER. THE STERILEK COMPANY, INC., New York, N. Y.
Filed March 22, 1938. Serial No. 404,383. PUBLISHED MAY 24, 1938. Class 37.

359,097. CANDY. WILLIAMSON CANDY COMPANY, Chicago, Ill.
Filed March 24, 1938. Serial No. 404,459. PUBLISHED MAY 24, 1938. Class 46.

359,098. ELECTRIC LIGHTING FIXTURES AND PARTS THEREOF, INCLUDING REFLECTORS. URANIUM LIGHTING CORPORATION, New York, N. Y.
Filed March 25, 1938. Serial No. 404,500. PUBLISHED MAY 24, 1938. Class 21.

359,099. WOMEN'S HOSIERY. BUTLER BROTHERS, Chicago, Ill.
Filed March 26, 1938. Serial No. 404,513. PUBLISHED MAY 24, 1938. Class 39.

359,100. SMOKERS' PIPES. FLATLEY BROS., Rock Island, Ill.
Filed March 26, 1938. Serial No. 404,520. PUBLISHED MAY 24, 1938. Class 8.

359,101. THREAD AND YARN. HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y.
Filed March 26, 1938. Serial No. 404,523. PUBLISHED MAY 24, 1938. Class 43.

359,102. THREAD AND YARN OF ARTIFICIAL ORIGIN. AMERICAN BEMBERG CORPORATION, New York, N. Y.
Filed March 28, 1938. Serial No. 404,557. PUBLISHED MAY 24, 1938. Class 43.

359,103. COMBINATION CLOCKS AND CALENDARS. JOSEPH C. MORRIS, Chicago, Ill.
Filed March 28, 1938. Serial No. 404,578. PUBLISHED MAY 24, 1938. Class 27.

359,104. SMOKING AND CHEWING TOBACCO, CIGARS, AND CIGARETTES. CRIMSON COACH INCORPORATED, Toledo, Ohio.
Filed March 30, 1938. Serial No. 404,632. PUBLISHED MAY 24, 1938. Class 17.

359,105. CANNED PEAS. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn.
Filed March 30, 1938. Serial No. 404,654. PUBLISHED MAY 24, 1938. Class 46.

359,106. CANNED VEGETABLES. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn.
Filed March 30, 1938. Serial No. 404,655. PUBLISHED MAY 24, 1938. Class 46.

359,107. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND FLAVORS USED FOR MAKING THE SAME. BERKELEY CLUB BOTTLING AND MANUFACTURING COMPANY, INC., Berkeley Springs, W. Va.
Filed March 31, 1938. Serial No. 404,684. PUBLISHED MAY 24, 1938. Class 45.

359,108. CEREAL FOOD PRODUCTS, PARTICULARLY BREAKFAST CEREAL. GENERAL MILLS, INC., Minneapolis, Minn.
Filed April 2, 1938. Serial No. 404,801. PUBLISHED MAY 24, 1938. Class 46.

359,109. CALCIMINES AND INSIDE AND OUTSIDE COLD WATER PAINTS. I. F. LAUCKS, INC., Seattle, Wash.
Filed April 4, 1938. Serial No. 404,857. PUBLISHED MAY 24, 1938. Class 16.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

359,110. (CLASS 2. RECEPTACLES.) ROBERT GAYLORD, INC., St. Louis, Mo., assignor, by mesne assignments, to Gaylord Container Corporation, St. Louis, Mo., a corporation of Maryland. Filed May 7, 1936. Serial No. 378,139.

Gaylord

For Fiber Board Boxes, Fiber Board Folding Cartons, Fiber Board Liners for Boxes and Cartons, and Paper Bags and Sacks.
Claims use since Dec. 1, 1920, on fiber board boxes; since Oct. 10, 1928, on fiber board liners for boxes and cartons; since Mar. 20, 1935, on fiber board folding cartons; and since Mar. 20, 1935, on paper bags and sacks.

359,111. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MIN SUN TRADING COMPANY, Chicago, Ill. Filed July 29, 1936. Serial No. 381,570.

CHINESE DINNER

For Canned Bean Sprouts, Canned Chow Mein Noodles, Canned Chop Suey Vegetables, Canned Meatless Chop Suey, Canned Chop Suey with Mushrooms, Soy Sauce and Bead Molasses.
Claims use since June 8, 1936.

359,112. (CLASS 39. CLOTHING.) LARKWOOD SILK HOSIERY MILLS, INC., Charlotte, N. C. Filed Sept. 26, 1936. Serial No. 383,682.

Handi-Thread

For Hosiery.
Claims use since Apr. 1, 1935.

359,113. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) INDESTRO MANUFACTURING CORP., Chicago, Ill. Filed Apr. 24, 1937. Serial No. 391,812.

KLIP TITE

For Conventional Open-End and Conventional Box-End Wrenches and Sets Thereof.
Claims use since Mar. 8, 1937.

359,114. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) LAPP LABORATORIES, INCORPORATED, Nevada, Iowa. Filed May 3, 1937. Serial No. 392,218.

OVA SHELL

For Egg Shells Used for Chicken and Turkey Feed.
Claims use since Oct. 1, 1933.

359,115. (CLASS 39. CLOTHING.) THE A. J. DONAHUE CORPORATION, Milford, Conn. Filed June 19, 1937. Serial No. 394,275.

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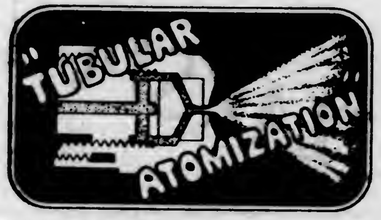
For Fur Ear Muffs.
Claims use since June 11, 1937.

359,116. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHLAND COFFEE COMPANY, Atlanta, Ga. Filed June 26, 1937. Serial No. 394,561.

ATLANTA MAID

For Coffee and Peanut Butter.
Claims use since June 16, 1937.

359,117. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) PETROLEUM HEAT AND POWER COMPANY, New York, N. Y. Filed June 30, 1937. Serial No. 394,725.



For Oil Burners.
Claims use since June 18, 1937.

359,118. (CLASS 39. CLOTHING.) MARJORIE MONTGOMERY INCORPORATED, Los Angeles, Calif. Filed July 12, 1937. Serial No. 395,140.

marjorie montgomery

For Women's and Misses' Dresses, Women's and Misses' Beach Costumes Consisting of Coats and Shorts and Brassières, Either Separate or Sewn in Combination, and Women's and Misses' Sports Suits Consisting of Jackets and Shorts and Brassières, Either Separate or Sewn in Combination, and With or Without an Overskirt.
Claims use since Oct. 28, 1936.

359,119. (CLASS 39. CLOTHING.) MARJORIE MONTGOMERY INCORPORATED, Los Angeles, Calif. Filed July 12, 1937. Serial No. 395,141.

BillieMarlo

For Women's and Misses' Dresses, Women's and Misses' Beach Costumes Consisting of Coats and Shorts and Brassières, Either Separate or Sewn in Combination, and Women's and Misses' Sports Suits Consisting of Jackets and Shorts and Brassières, Either Separate or Sewn in Combination, and With or Without an Overskirt.
Claims use since Oct. 28, 1936.

359,120. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BURRY BISCUIT CORPORATION, Linden, N. J., and Chicago, Ill. Filed Oct. 20, 1937. Serial No. 398,707.

Linden Cream

For Cookies.
Claims use since May 15, 1937.

359,121. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OYSTER PACKERS, INC., Bow, Wash. Filed Nov. 22, 1937. Serial No. 400,045.

FRI-RITE

For Canned Oysters.
Claims use since Nov. 11, 1936.

359,122. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GLEN G. PHIPPS AND LILLIAN PHIPPS, Meridian, Miss. Filed Dec. 13, 1937. Serial No. 400,790.

Chik-Steak

For Sandwiches.
Claims use since May, 1934.

359,123. (CLASS 27. HOROLOGICAL INSTRUMENTS.) CONCORD WATCH COMPANY, INC., New York, N. Y. Filed Jan. 21, 1938. Serial No. 402,179.

CONCORD WATCH Co.

For Watches and Clocks.
Claims use since 1928.

359,124. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SHAKESPEARE COMPANY, Kalamazoo, Mich. Filed Jan. 22, 1938. Serial No. 402,239.

Tony Accetta

For Fishing Tackle—Namely, Reels, Rods, Lines, and Artificial Baits.
Claims use since September, 1936.

359,125. (CLASS 17. TOBACCO PRODUCTS.) RICHARD R. TOBIN, doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Filed Feb. 25, 1938. Serial No. 403,432.

CORK TOWN

For Smoking and Chewing Tobacco.
Claims use since Mar. 10, 1934.

359,126. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KOBACKER STORES, INC., TIEDTKE DIVISION, Toledo, Ohio. Filed Mar. 18, 1938. Serial No. 404,222.



For Butter.
Claims use since Jan. 1, 1910.

359,127. (CLASS 39. CLOTHING.) ALEXANDER ABRAMS, New York, N. Y. Filed Apr. 28, 1938. Serial No. 405,798.



For Skunk Coats, Capes, and Jackets.
Claims use since Jan. 1, 1937.

359,128. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AUBURN FRUIT EXCHANGE, Auburn, Calif. Filed May 7, 1938. Serial No. 406,085.

DONNER

For Fresh Deciduous Fruits.
Claims use since Aug. 8, 1929.

359,129. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) HATTIE CARNEGIE, INC., New York, N. Y. Filed May 14, 1938. Serial No. 406,329.

Hattie Carnegie

For Ladies' Pocketbooks, Handbags.
Claims use since Jan. 1, 1919.

359,130. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GRIGGS CANNING COMPANY, Natalia, Tex. Filed May 16, 1938. Serial No. 406,382.

TEXAS SPECIAL

For Canned Hominy.
Claims use since Aug. 15, 1934.

359,131. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) E. MILIUS & CO. INC., New York, N. Y. Filed May 19, 1938. Serial No. 406,521.

FLAXSPUN

For Broadcloth Fabrics in the Piece of a Mixture of Cotton and Linen.
Claims use since Apr. 10, 1932.

359,132. (CLASS 39. CLOTHING.) VAN RAALTE COMPANY, New York, N. Y. Filed May 27, 1938. Serial No. 406,838.

LOOM-KNIT

For Men's, Women's, and Children's Underwear.
Claims use since November, 1936.

359,133. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) BLOOMINGDALE BROS., INC., New York, N. Y. Filed June 8, 1938. Serial No. 407,213.

Colonel Carver

For Whiskey.
Claims use since May 19, 1937.

359,134. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) BLOOMINGDALE BROS., INC., New York, N. Y. Filed June 8, 1938. Serial No. 407,214.

COLONEL CLAYWOOD

For Whiskey.
Claims use since May 19, 1937.

TRADE-MARK REGISTRATIONS RENEWED

119,815. COFFEE. Registered December 11, 1917. THE STOWELL COFFEE CO., Cincinnati, Ohio. Renewed December 11, 1937, to The Dayton Spice Mills Co., Dayton, Ohio, a corporation of Ohio, successor.

120,390. CASKET-HANDLES, CASKET METAL TRIMMINGS, UNDERTAKERS' HARDWARE USED IN CONNECTION WITH CASKETS. Registered February 5, 1918. F. H. HILL CO., Chicago, Ill. Renewed February 5, 1938, to F. H. Hill Company, Inc., Cleveland, Ohio, a corporation of Ohio, assignee.

122,133. ICE-CREAM. Registered July 2, 1918. CHAPIN-SACKS MANUFACTURING COMPANY. Renewed July 2, 1938, to Southern Dairies, Inc., Washington, D. C., a corporation of Delaware, successor.

122,258. CERTAIN NAMED CHEMICALS AND PHARMACEUTICAL PREPARATIONS FOR TOILET PURPOSES. Registered July 16, 1918. HARRIET HUBBARD AYER, New York, N. Y., a corporation of New York. Renewed July 16, 1938.

122,493. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,494. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,495. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,496. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,497. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,498. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,499. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,500. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,501. BARBED WIRE, FENCE-WIRE, AND WIRE FENCE. Registered August 20, 1918. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill. Renewed August 20, 1938, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill., a corporation of Illinois.

122,544. NUT-BUTTER OR NUT-MARGARIN. Registered August 20, 1918. E. A. STEVENSON & COMPANY, Wilmington, Del., and New York, N. Y. Renewed August 20, 1938, to The Glidden Company, Cleveland, Ohio, a corporation of Ohio, assignee by mesne assignments.

122,793. CERTAIN NAMED PAINTS AND PAINTERS' MATERIALS. Registered September 17, 1918. HEATH & MILLIGAN MFG. CO., Chicago, Ill. Renewed September 17, 1938, to The Glidden Company, Cleveland, Ohio, a corporation of Ohio, assignee.

122,801. ELECTRICAL INSULATION, A PRODUCT FORMED OF LAYERS OF FIBROUS MATERIAL BOUND TOGETHER BY A NATURAL OR SYNTHETIC ROSIN AND MADE UP IN THE FORM OF SHEETS, BLOCKS, RODS, TUBES, AND CYLINDERS. Registered September 17, 1918. IRVINGTON VARNISH & INSULATOR CO., Irvington, N. J., a corporation of New Jersey. Renewed September 17, 1938.

122,818. CANDY. Registered September 17, 1918. EUGENE O. REED COMPANY. Renewed September 17, 1938, to Reed Candy Company, Chicago, Ill., a corporation of Illinois, by change of name.

123,324. SHOE-DRESSING. Registered October 29, 1918. BOSTON BLACKING COMPANY, East Cambridge, Mass. Renewed October 29, 1938, to B. B. Chemical Co., Boston, Mass., a corporation of Massachusetts, assignee.

123,348. BOX-SHOOKS, BARREL STAVES AND HEADINGS. Registered October 29, 1918. GREAT SOUTHERN LUMBER COMPANY. Renewed October 29, 1938, to Great Southern Lumber Company, Inc., Bogalusa, La., a corporation of Louisiana, successor.

123,393. CLEANING-SODA. Registered October 29, 1918. SUNSHINE SODA COMPANY, New York, N. Y. Renewed October 29, 1938, to Sunshine Soda Company, Inc., Pittsburgh, Pa., a corporation of New York.

123,516. PERFUMES. Registered November 12, 1918. YARDLEY & CO., LIMITED, London, England, a corporation of Great Britain. Renewed November 12, 1938.

123,518. PERFUMES. Registered November 12, 1918. YARDLEY & CO., LIMITED, London, England, a corporation of Great Britain. Renewed November 12, 1938.

123,590. SAWED AND HEWN RAILROAD CROSS-TIES, TELEPHONE AND TELEGRAPH POLES, CROSS-ARMS, AND PILING. Registered November 19, 1918. GREAT SOUTHERN LUMBER COMPANY. Renewed November 19, 1938, to Great Southern Lumber Company, Inc., Bogalusa, La., a corporation of Louisiana, successor.

123,653. BEER. Registered November 19, 1918. A. SCHREIBER BREWING CO. Renewed November 19, 1938, to Schreiber Brewing Company, Inc., Buffalo, N. Y., a corporation of New York, assignee by mesne assignments.

123,688. SOAPS AND WASHING-POWDERS. Registered December 3, 1918. CALIFORNIA SOAP COMPANY, INC., Los Angeles, Calif., a corporation of California. Renewed December 3, 1938.

123,763. DENTIFRICE. Registered December 3, 1918. FREDERICK STEARNS & Co., Detroit, Mich., a corporation of Michigan. Renewed December 3, 1938.

123,881. PERFUMES. Registered December 10, 1918. YARDLEY & Co., LIMITED, London and Stratford, London, England. Renewed December 10, 1938, to Yardley & Co., Limited, London, England, a corporation of Great Britain.

123,884. CERTAIN NAMED FOODS FOR HUMAN CONSUMPTION, AND ANIMAL FEED. Registered December 17, 1918. AUNT JEMIMA MILLS COMPANY, St. Joseph, Mo. Renewed December 17, 1938, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey, assignee.

123,979. WHEAT-FLOUR. Registered December 31, 1918. THE CENTENNIAL MILL COMPANY. Renewed December 31, 1938, to Centennial Flouring Mills Co., Seattle, Wash., a corporation of the State of Washington, assignee.

124,015. CANDY. Registered December 31, 1918. LOFT, INCORPORATED, New York, N. Y. Renewed December 31, 1938, to Loft, Inc., Long Island City, N. Y., a corporation of Delaware, assignee.

124,027. CANNED DRIED BEEF, CANNED LUNCHEON-MEAT, AND COOKED HAMS. Registered December 31, 1918. JOHN MORRELL & Co., Ottumwa, Iowa, a corporation of Maine. Renewed December 31, 1938.

124,042. HAMMERS, HATCHETS, AXES, ADZES, AND BUSH-HOOKS. Registered December 31, 1918. FAYETTE R. PLUMB, INC., Philadelphia and Bridesburg, Pa. Renewed December 31, 1938, to Fayette R. Plumb, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

124,063. MEN'S COLLARS AND BOYS' COLLARS. Registered December 31, 1918. EARL & WILSON. Renewed December 31, 1938, to Cluett, Peabody & Co., Inc., Troy, N. Y., a corporation of New York, assignee.

LABELS

REGISTERED AUGUST 2, 1938

51,563.—*Title:* SAVET EXTRA QUALITY SOLES. KEEPS FEET DRY. For Soles, Cement-Applied for Shoes. AUBURN RUBBER CORPORATION, Wilmington, Del., and Auburn, Ind. Published May 25, 1938.

51,564.—*Title:* SAVET EXTRA QUALITY SOLES. CUT SHOE EXPENSE ½. For Soles, Cement-Applied for Shoes. AUBURN RUBBER CORPORATION, Wilmington, Del., and Auburn, Ind. Published May 25, 1938.

51,565.—*Title:* SAVET EXTRA QUALITY SOLES. EASILY PUT ON BY ANYONE. For Soles, Cement-Applied for Shoes. AUBURN RUBBER CORPORATION, Wilmington, Del., and Auburn, Ind. Published May 25, 1938.

51,566.—*Title:* SAVET EXTRA QUALITY SOLES. Non-Slip Wonderful Foot Comfort. For Soles, Cement-Applied to Shoes. AUBURN RUBBER CORPORATION, Wilmington, Del., and Auburn, Ind. Published May 25, 1938.

51,567.—*Title:* FLASHLIGHT. For Flashlights. BURGESS BATTERY COMPANY, Chicago, Ill. Published April 12, 1938.

51,568.—*Title:* FORTUNE. For California Grape Brandy. CALIFORNIA WINE COMPANY, INC., Chicago, Ill. Published February 2, 1935.

51,569.—*Title:* KRESO-TOL ANTISEPTIC. For an Antiseptic. DIEFENBACH LABORATORIES INC., Rochester, N. Y. Published April 28, 1938.

51,570.—*Title:* KITCHEN GEM. For a Sauce. GEM FOOD CO., San Francisco, Calif. Published May 10, 1938.

51,571.—*Title:* GILBERT FUN WITH ELECTRICITY. For Electricity Sets. THE A. C. GILBERT COMPANY, New Haven, Conn. Published May 5, 1938.

51,572.—*Title:* DOLE (JUICE). For Canned Pineapple Juice. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Published June 2, 1938.

51,573.—*Title:* DOLE PINEAPPLE TIDBITS. For Canned Pineapple. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Published June 2, 1938.

51,574.—*Title:* DOLE PINEAPPLE GEMS. For Canned Pineapple. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Published June 2, 1938.

51,575.—*Title:* LADILASTICS. For Foundation Garments. MARTIN HENKIN, doing business as Ladilastics, New York, N. Y. Published April 5, 1938.

51,576.—*Title:* HOFFMAN BOCK BEER. For Bock Beer. HOFFMAN BEVERAGE COMPANY, Newark, N. J. Published March 9, 1938.

51,577.—*Title:* LOBSTERITIS. For a Product for Sunburn Protection. LIMRAY CO. INC., New York, N. Y. Published May 2, 1938.

51,578.—*Title:* O-SO-EZY FLOOR MOP. For Floor Mops. O-CEDAR CORP'N, Chicago, Ill. Published May 20, 1938.

51,579.—*Title:* O-SO-EZY SELF POLISHING WAX. For Self Polishing Wax. O-CEDAR CORP'N, Chicago, Ill. Published April 19, 1938.

51,580.—*Title:* GREGONE. For Solution for Darkening Gray and Fading Hair. S. PFEIFFER MFG. CO., doing business as Heinrich Pharmacal Co., St. Louis, Mo. Published June 11, 1938.

51,581.—*Title:* STAFF-O-LIFE. For Medicine To Be Taken Internally. AUNGUS G. RAYMOND, doing business as Staff-O-Life Distributors, Detroit, Mich. Published May 25, 1938.

51,582.—*Title:* SALADA TEA BAGS. For Tea Bags. SALADA TEA CO. (INC.), Boston, Mass. Published June 21, 1938.

51,583.—*Title:* ROS PIN. For Spring Pins Used to Fasten Meats and Other Foods Together Prior to Roasting, Baking, Boiling or Otherwise Preparing Them for the Table. SERVICE SYNDICATE, Chicago, Ill. Published May 2, 1938.

51,584.—*Title:* MISS SIREN—DISTINCTIVE PAJAMAS. For Pajamas. SIREN SILK UNDERGARMENT CO. INC., New York, N. Y. Published December 8, 1937.

51,585.—*Title:* JACK RABBIT CLEANER. For a Cleaner for Floors, Walls and Paint. SUGAR BEET PRODUCTS COMPANY, Saginaw, Mich. Published May 20, 1938.

51,586.—*Title:* A-ONE APPETIZER BRAND HOME STYLE SPICED HERRING. For Spiced Herring U. S.-ALASKA HERRING CO., Chicago, Ill. Published June 22, 1938.

51,587.—*Title:* NO'DOR. For an Astringent and Deodorant. ULMER PHARMACAL COMPANY, Minneapolis, Minn. Published June 10, 1938.

51,588.—*Title:* WASHINO AUTO WASH. For an Auto Wash. WASHINO CORPORATION, Battle Creek, Mich. Published May 6, 1938.

51,589.—*Title:* WASHINO AUTO WASH. For an Auto Wash. WASHINO CORPORATION, Battle Creek, Mich. Published January 21, 1938.

51,590.—*Title:* JELLY-LAX. For a Laxative and Blood Purifier. MARCUS WOHL, Detroit, Mich. Published March 10, 1938.

PRINTS

REGISTERED AUGUST 2, 1938

16,952.—*Title:* BEECH-NUT MINTS. For Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published April 1, 1938.

16,953.—*Title:* FRONTSCALE WITH HOW TO CENTER INSTRUCTION. For Frontscales for Typewriters. EDMUND M. GLUECK, doing business as The Typewriter Equipment Company, New York, N. Y. Published October 15, 1937.

16,954.—*Title:* THE FAN'S CHOICE. For a Beverage. ALFRED GREEN, Seattle, Wash. Published June 18, 1938.

16,955.—*Title:* HERSHEY'S THE PERFECT TOPPING FOR MANY DESSERTS. For a Chocolate Syrup. HERSHEY CHOCOLATE CORPORATION, Hershey, Pa. Published May 16, 1938.

16,956.—*Title:* HERSHEY'S ADD TO MILK FOR A DELICIOUS DRINK. For Chocolate Syrup. HERSHEY CHOCOLATE CORPORATION, Hershey, Pa. Published May 16, 1938.

16,957.—*Title:* DON'T BE A NUDIST DRESS WITH ACCESSORIES. For Women's Accessories. HAROLD WILLIAM KULICK, New York, N. Y. Published January 15, 1938.

16,958.—*Title:* VINE-ET. For Ice Cream. LIMPERT BROS. INC., Vineland, N. J. Published June 14, 1938.

16,959.—*Title:* SAVE MONEY ON YOUR DRY CLEANING. For a Fabric Cleaner and Spot Remover. LINNELL COMPANY, Cleveland, Ohio. Published May 13, 1938.

16,960.—*Title:* STERLING TOPS THEM ALL. For Beer. STERLING BREWERS, INC., Evansville, Ind. Published April 13, 1938.

16,961.—*Title:* THE SKI POLE LAMP. For Lamps. HELEN WOODS, Northampton, Mass. Published June 24, 1938.

REISSUES

AUGUST 2, 1938

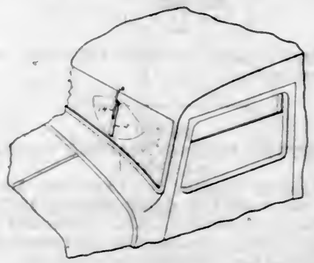
20,813

WIPER

Dmitri C. Abdelnour, Fort Chester, N. Y., assignor, by mesne assignments, to Sleetex Company, New York, N. Y., a corporation of New York

Original application No. 2,009,377, dated July 30, 1935, Serial No. 726,259, May 18, 1934. Application for reissue September 22, 1936, Serial No. 101,919½

10 Claims. (Cl. 15—250)



7. A wiper for sleet, frost and the like, which comprises a facing of water-pervious material secured at its edges to a stiff pressure distributing back having a substantially flat side so as to form over the flat side thereof a bag not substantially wider than said back, said facing material being extended across the side of the back with sufficient slack to enclose a substantial space between it and the back, a supply of water soluble anti-freeze material contained in said bag, the stiff pressure distributing back having its flat side adapted to exert pressure on the supply of soluble anti-freeze material, means for securing the bag at its edges to hold the bag and the supply of anti-freeze material therein securely positioned over the back, and connecting means on the back adapted to connect it to a wiper arm of a mechanical wiper mechanism for transmission of force from the arm to the back in a lateral direction for moving the wiper laterally and in a direction toward the surface being wiped for maintaining the supply of water soluble material and the facing under pressure between said surface and the back.

20,814

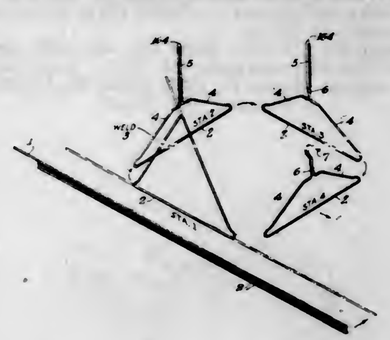
MANUFACTURE OF COAT HANGERS

William Backer, Schenectady, N. Y., assignor to Swan Cleaners & Furriers, a firm composed of Kalman Backer, William Backer and Simon Backer, Schenectady, N. Y.

Original No. 2,041,805, dated May 26, 1936, Serial No. 51,200, November 23, 1935. Application for reissue May 23, 1938. Serial No. 209,539

16 Claims. (Cl. 140—71)

1. The herein disclosed method of forming coat hangers, which comprises uniting the ends of a length of wire in a continuous endless loop, doubling adjoining side portions of said continuous loop together into substantially parallel relation connected by a rounded bend, twisting the base of said parallel portions and then bending the remainder of said connected parallel portions into a supporting hook composed of the parallel



strands of wire connected by the rounded bend at the tip of the hook.

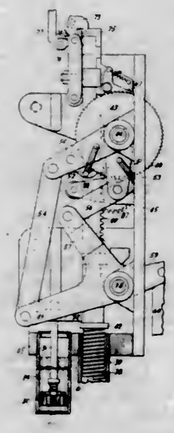
20,815

RECORDING DEVICE FOR LIQUID DISPENSING APPARATUS

William M. Carroll, Fort Wayne, Ind., assignor, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind., a corporation of Maryland

Original No. 1,940,656, dated December 19, 1933, Serial No. 309,557, October 1, 1928. Application for reissue November 21, 1934, Serial No. 754,196

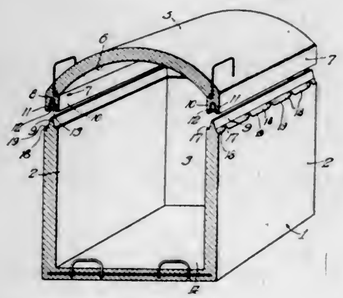
44 Claims. (Cl. 221—95)



1. In a liquid dispensing apparatus comprising a measuring receptacle, a pump to fill said receptacle, operating mechanism for said pump, and means to control the discharge of liquid from said receptacle, a price computing and registering device, a spring for actuating said device to

cause it to register the money value of the liquid discharged from said receptacle, means actuated by said pump operating mechanism to compress said spring, and means controlled by said controlling means to cause said spring to actuate said computing and registering device.

20,816
SELF-SEALING VAULT OR RECEPTACLE
Wilbert W. Haase, Forest Park, Ill., assignor to Wilbert W. Haase Co., Forest Park, Ill., a corporation of Illinois
Original No. 1,722,744, dated July 30, 1929, Serial No. 233,113, November 14, 1927. Application for reissue March 21, 1938, Serial No. 198,225
3 Claims. (Cl. 72—7)



1. In a vault, the combination of a box-body, a cover having a bottom recess on its under side adapted to contain cement for securing the cover in hermetically sealed engagement with the box-body, a depending marginal flange on said cover and forming an outer side wall of said recess, and an upwardly projecting marginal flange on the upper rim of the box-body and adapted to extend into said recess and inside of and in lapped relation to the depending marginal flange on the cover, said box-body having a beveled marginal surface portion extending downward and outward at an incline beneath said depending marginal flange on said cover and adapted to permit the escape of foreign substances from between the margins of the cover and box-body.

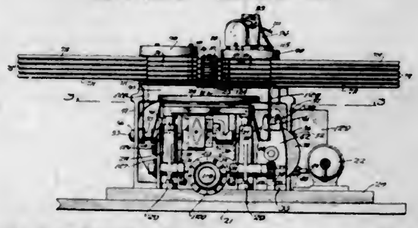
20,817
ABRADING ROLL
William J. Maddox, Jamestown, N. Y., assignor to Even-Cut Abrasive Band & Equipment Corporation, Cleveland, Ohio, a corporation of Ohio
Original No. 1,883,747, dated October 18, 1932, Serial No. 130,245, August 19, 1926. Application for reissue December 4, 1933, Serial No. 700,910
4 Claims. (Cl. 51—194)

1. An abrading roll comprising a pair of end pieces adapted for reception upon the roll mounts of a rotary abrading machine, and an abrasive coated unitary tubular member of stiff paper



composition supported only adjacent its ends by said end pieces.

20,818
SELECTIVE PHONOGRAPHIC PLAYING MACHINE
Paul H. Smyth, Jr., Evanston, Ill.
Original No. 2,004,016, dated June 4, 1935, Serial No. 568,610, October 8, 1931. Renewed November 24, 1933. Application for reissue May 20, 1937, Serial No. 143,864
71 Claims. (Cl. 274—10)

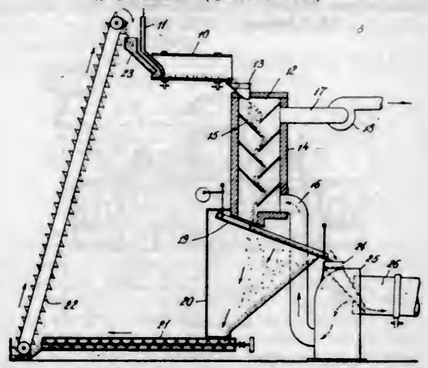


12. In phonographic mechanism of the class described, the combination of a set of ring shaped record carriers normally standing in column relation, each provided with an extension, vertically extending pivoting means for the several extensions, a universal latch bar associated with the set of carriers and mounted to swing inwardly, a latching finger on each of the carrier extensions adapted when tripped to be engaged by the universal latch bar, selector means for tripping the latching finger of the selected carrier to position to be engaged by the universal latch bar, and means for swinging the universal latch bar to carry with it the engaged record carrier, a restoring bar associated with the universal latch bar and mounted to swing therewith and adapted to engage a previously swung record and restore it to column position, a turntable and means for rotating the same, and means for raising and lowering the turntable through the planes occupied by the respective carrier rings when swung inwardly to engage and elevate a selected record and subsequently restore the same to its carrier ring, and means for playing the selected record when elevated.

PATENTS

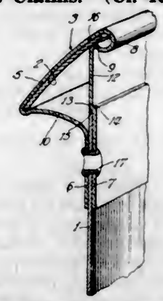
GRANTED AUGUST 2, 1938

2,125,263
CEMENT MANUFACTURE
Nikolai Ahlmann, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y., a corporation of New Jersey
Application February 9, 1937, Serial No. 124,821
In Great Britain February 11, 1936
2 Claims. (Cl. 263—53)



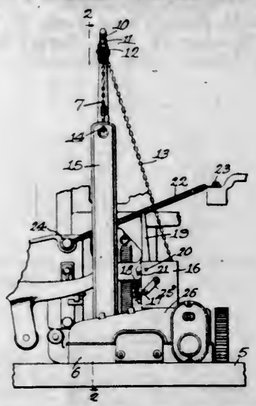
1. In the manufacture of cement, the method which comprises forming slurry into nodules of sufficient size to be satisfactorily burned in a kiln to produce cement clinker, subjecting such nodules to a drying treatment, passing a part of the said nodules which have been subjected to the drying treatment to a kiln for burning, and mixing another part of the said nodles which have been subjected to the drying treatment with fresh slurry which is too wet to be formed into nodules to form a composite mixture capable of being formed into nodules.

2,125,264
INDEX STRIP HOLDER
George J. Aigner, Chicago, Ill., assignor to G. J. Aigner Company, Chicago, Ill., a corporation of Illinois
Application August 17, 1936, Serial No. 96,323
5 Claims. (Cl. 40—16)



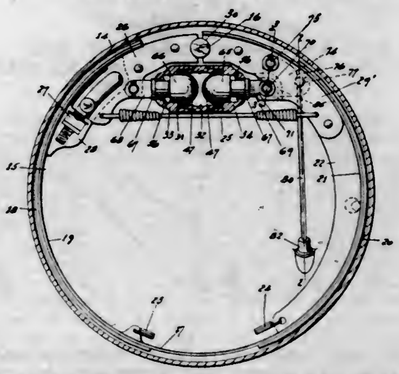
2. An index strip holder consisting of a strip of transparent material folded over intermediate the ends to provide an intermediate face portion with its edges extended into juxtaposition to provide adjacent attaching flanges, the strip at the top edge of the face portion being rolled over to provide a tubular stiffening bead and a strip clamp.

2,125,265
METAL FEEDER FOR TYPE CASTING MACHINES
Leroy J. Atwood, San Antonio, Tex.
Application July 3, 1937, Serial No. 151,906
4 Claims. (Cl. 22—80)



1. In a type casting machine having a movable melting pot, a flexible pig suspending means mounted above the pot, said pig suspending means including a chain to which one end of the pig is connected, a drum on which the chain is wound, an escapement mechanism including a pawl and ratchet wheel adapted to unwind the chain and feed the pig into the pot, with each movement of the melting pot, and a float controlled rod adapted to engage the ratchet wheel for restricting rotary movement of the drum under normal conditions.

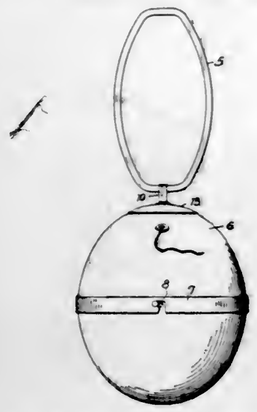
2,125,266
HYDRAULIC BRAKE
Russell S. Begg, Cleveland Heights, and Gerhard C. R. Kulper, Cleveland, Ohio, assignors to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio
Application July 17, 1933, Serial No. 680,722
11 Claims. (Cl. 188—152)



1. A brake comprising a drum, a friction device engageable with the same, a pair of applying devices for engaging the friction device with the

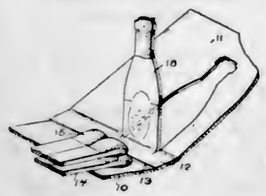
drum, separate operating means for operating each applying device, one of said applying devices being dependent upon the other and being bodily movable for engaging the friction device with the drum, and the other applying device being independent of the first mentioned applying device for engaging the friction device with the drum.

2,125,267
COMBINATION BRACELET AND KNITTING YARN HOLDER
Alida M. Bekan, New York, N. Y.
Application October 22, 1936, Serial No. 107,087
1 Claim. (Cl. 242—146)



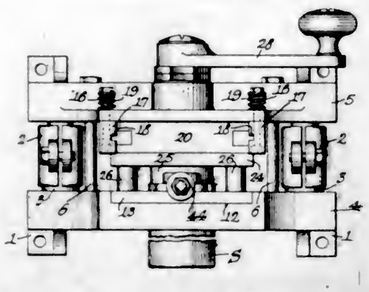
An article carrier of the character described comprising a wrist bracelet, a pendent spherical yarn holder, a link slidably fitting on the bracelet, a ferrule between said link and the yarn holder and swivelled to the latter, said link and ferrule being appreciably short whereby the yarn holder hangs closely adjacent the wrist bracelet, and a guard interposed between the yarn holder and said link, said guard comprising an apertured and convex and concavo shaped disc member mounted on the swivel connection and closely overlying the upper portion of the spherical yarn holder, as and for the purpose set forth.

2,125,268
DISPLAY DEVICE
John Roger Boyer, Beach City, Ohio
Application February 4, 1937, Serial No. 124,124
2 Claims. (Cl. 40—126)



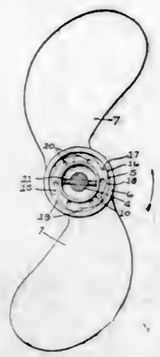
1. A book comprising a body of flexible material, said body being folded to provide two cover sections and a back portion with the cover sections arranged in superposed relation and with the back arranged at substantially right angles to the cover sections, and a strip bearing a figure or image struck from one of said cover sections and said back and supported by said back, said strip forming a part of a cover section and back when the cover sections are in superposed relation and assuming an upright position with respect to said back and separated from a cover section when the cover section is moved to open position.

2,125,269
SHELL TRIMMER
Frank L. Buff, Wichita, Kans.
Application March 1, 1938, Serial No. 193,340
12 Claims. (Cl. 164—34)



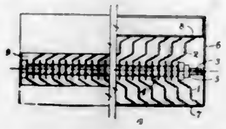
5. A machine of the class described including a stationary die having an article-receiving aperture, means for holding an article centered within and projecting beyond the die, said article being tubular, a movable shearing punch insertable into the tubular article, an operating shaft, and means actuated by the rotation of said shaft, for shifting the movable punch radially and in a circular path thereby to cooperate with the wall of the aperture in the stationary die to displace material of the article outwardly away from the axial center thereof.

2,125,270
SLIP CLUTCH DEVICE
Warren C. Conover, Waukegan, Ill., assignor to Outboard Marine & Manufacturing Company, Waukegan, Ill., a corporation of Delaware
Application September 22, 1937, Serial No. 165,038
4 Claims. (Cl. 64—30)



1. A torque transmission device comprising inner and outer driving and driven motion transmitting elements, and a driving connection therebetween comprising an elastically deformable cushion fixed with reference to the inner of said elements and having its periphery in slipping connection with the outer of said elements, said outer element having teeth engaging complementary portions of the periphery of said member to deform said member upon relative movement between said elements.

2,125,271
PAINT SPRAY FILTER
Verner Dahlman, New Lenox, Ill., assignor to Independent Air Filter Company, Chicago, Ill., a corporation of Illinois
Application May 1, 1936, Serial No. 77,354
5 Claims. (Cl. 183—75)



1. A filter medium comprising a front series of spaced parallel plates and a rear series of spaced parallel plates, each series being staggered relatively to each other and bruoght together sufficiently to place their adjacent parallel end portions in substantial interjacent relationship, said plates being correspondingly bent in a zig-zag manner so as to provide tortuous air passages.

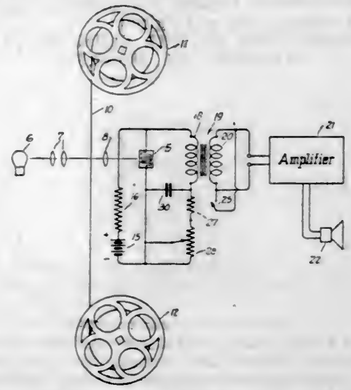
2,125,272
MANUFACTURE OF SCREWS
Harvey C. Erdman, Shaker Heights, Ohio, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application June 24, 1937, Serial No. 150,092
3 Claims. (Cl. 10—7)



1. In apparatus of the character described, a hammer having a working surface adapted to act on a screw blank to shape the same and a web-like projection extending axially of the hammer and transversely of said working surface, said projection being adapted to be pressed into the blank to form a transverse slot therein and having substantially at its midpoint an axially extending enlargement for reinforcing the projection against breakage.

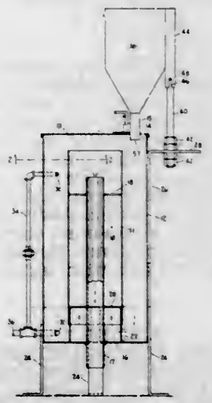
2,125,273
POLARIZING AND OUTPUT CIRCUIT FOR PHOTOSENSITIVE DEVICES
Clair L. Farrand, Larchmont, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application August 31, 1935, Serial No. 38,712
2 Claims. (Cl. 250—41.5)

1. A circuit for a light sensitive device comprising the combination of a source of polarizing potential, a high resistance in series with said source, and two paths in shunt to said serially connected source and high resistance, one of said paths comprising said light sensitive device, another of said paths comprising the primary winding of a transformer and a resistance lower in value than said high resistance, and a condenser for completing the variable current



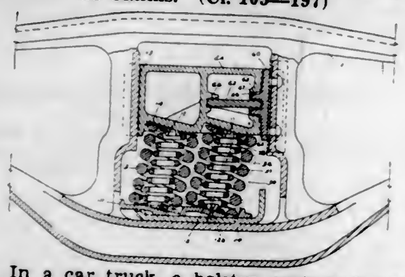
path through said light sensitive device and said primary winding.

2,125,274
PROCESS AND APPARATUS FOR THE PREPARATION OF SOLUTIONS
Harvey N. Gilbert, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 19, 1935, Serial No. 17,363
7 Claims. (Cl. 23—268)



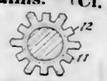
1. An apparatus for preparing solutions of solids in liquids which comprises, in combination, means for feeding the solid to be dissolved into a vessel in which it will come into contact with said liquid, a plurality of directive members having curved directive surfaces between which said solid is introduced, a conduit adapted to deliver a stream of said liquid between said directive members in a direction generally paralleling the curved directive surfaces of said members at the point of introduction of said stream, whereby said stream of liquid is caused to move in a generally curvilinear direction, the individual particles of said solid being prevented from emerging from said vessel until dissolved by the centrifugal force of said curvilinearly moving stream of liquid, and an outlet pipe positioned interiorly of said directive members for removing the resulting solution.

2,125,275
TILTED SPRING SNUBBER
Ernest G. Goodwin, Pelham, N. Y., assignor to Graham-White Sander Corporation, Roanoke, Va., a corporation of Virginia
Application July 22, 1935, Serial No. 32,642
28 Claims. (Cl. 105—197)



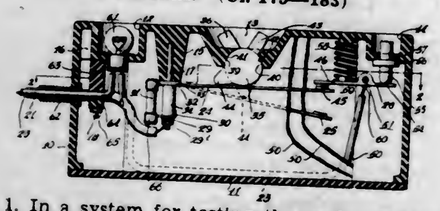
1. In a car truck, a bolster, springs for supporting the bolster and means for guiding the bolster as it moves in response to expansion and contraction of the springs, said springs being arranged to urge the bolster against said guide whereby snubbing occurs.

2,125,276
LOCK NUT
Edward A. Green, East Cleveland, Ohio, assignor to Security Machine Products Company, Wilmington, Del., a corporation of Delaware
Application July 30, 1932, Serial No. 626,458
Renewed July 31, 1934
2 Claims. (Cl. 151—21)



1. A combined holding and locking nut comprising, a substantially completely internally threaded tubular member of a transverse section such that the member is diametrally resilient and being provided with a plurality of exterior radially projecting axially extending fins the outer ends of which terminate in the outline of a standard nut to furnish wrenching surfaces, said member being diametrally distorted substantially from end to end thereof to have a minimum thread pitch diameter less than the minimum thread pitch diameter of any standard bolt with which it would be used.

2,125,277
TESTING DEVICE FOR MULTIPLE CYLINDER INTERNAL COMBUSTION ENGINES
William E. Haupt, Brooklawn, N. J.
Application May 2, 1935, Serial No. 19,422
10 Claims. (Cl. 175—183)



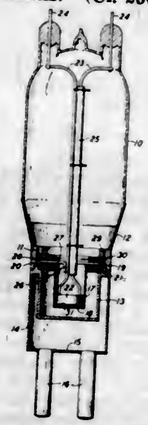
1. In a system for testing the performance of electrically ignited internal combustion engines, a plurality of connections individually attachable to the spark plugs, a ground common to all of the connections, spring switches between the connections and the ground normally spring-connected with the ground, a plurality of cam disconnectors, one for each spring switch held in position by the spring of the switch against the disconnector, levers by which the cams are thrown and means for disconnecting all of the switches from the ground.

2,125,278
TWINE HEDDLE
Isaac Andrews and Howard O. Coddington, Spartanburg, S. C.
Application May 27, 1936, Serial No. 82,134
1 Claim. (Cl. 139—93)



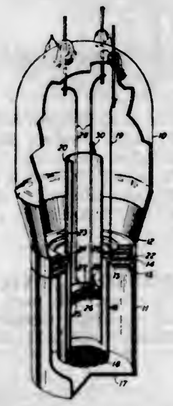
A twine harness for looms comprising a plurality of independent twine heddles, including twine members, metallic eye members, spaced securing members on each eye member and adapted to be pressed into engagement with the twine members at their ends, securing the twine members together, and the space between the securing members adapted to accommodate varnish when the heddle is dipped during the varnish coating step in the manufacture of heddles, anchoring the eye members to the twine.

2,125,279
ELECTRON DISCHARGE DEVICE
Carl A. Bieling, Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 13, 1936, Serial No. 110,603
5 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an anode, a cathode having a tubular portion and a reticulated portion in juxtaposition to said anode, a coating of thermionic material only upon the surface of said reticulated portion facing away from said anode, and a heater element within said cathode and in immediate proximity to said coated surface.

2,125,280
ELECTRON DISCHARGE APPARATUS
Carl A. Bieling, Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 20, 1936, Serial No. 111,813
12 Claims. (Cl. 250—27.5)

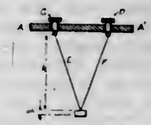


12. Electron discharge apparatus comprising a cup-shaped anode, a cathode within said anode and relatively remote from the base thereof, an elongated hollow shield encompassing said cathode and extending therefrom to immediately adjacent the base of said anode, an ionizable medium in which said cathode and shield are immersed, and an auxiliary electrode having a cylindrical portion within and coaxial with said anode and extending from said cathode to a point intermediate the base of said anode and the end of the shield thereadjacent.

2,125,281
MANUFACTURE OF CEMENTITIOUS MATERIALS
John A. Blank, Ironton, Ohio, and Alton J. Blank, Puebla, Mexico, assignors to Cement Process Corporation, a corporation of Delaware
No Drawing. Application November 23, 1932, Serial No. 644,085
6 Claims. (Cl. 106—25)

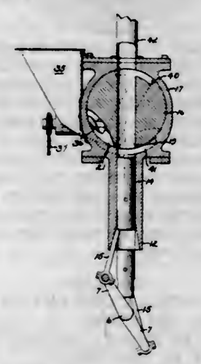
1. The process of producing cement which comprises burning an intimate mixture of siliceous and lime carbonate-containing materials at a temperature sufficient to calcine the carbonates but insufficient to cause clinkering, hydrating the free lime component of the resulting mixture and grinding said mixture in the presence of a small amount of water while maintaining a temperature of at least about 100° C. to promote combinations of the lime and siliceous components thereof, said grinding treatment being continued to produce a substantially dry, finely-divided product capable of hardening when water is subsequently added thereto.

2,125,282
FORCE MEASURING DEVICE
Hart Brown, Houston, Tex., assignor to Brown Gravity-Meter Corporation, Houston, Tex., a corporation of Texas
Application July 18, 1936, Serial No. 91,387
8 Claims. (Cl. 265—1.4)



1. A force measuring device of the character described comprising a support, a pair of spaced members rotatably arranged thereon, a suspension strand carried axially on each of said members, and a bar member connected to said strands and solely supported thereby, said strands being twisted whereby said bar is rotated to a position of equilibrium by the torque in the strands.

2,125,283
PUMP FOR SEMIFLUIDS
William B. Campbell, San Francisco, Calif., assignor of one-fourth to Leo S. Madiem, San Francisco, Calif.
Application May 6, 1936, Serial No. 78,190
5 Claims. (Cl. 103—227)

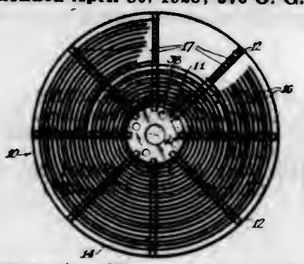


1. A pump for semi-fluids comprising a substantially vertical cylinder having its mouth uppermost, a piston within said cylinder, means for reciprocating said piston, a cylindrical valve of greater diameter than said piston positioned transversely across the mouth of said cylinder completely to close the same and having a transverse bore therethough of substantially the same calibre as said cylinder and alignable therewith, said valve member having a laterally extending intake channel formed therein adjacent to but not communicative with said bore, a casing circumferentially enclosing said valve and having an extension communicating with said channel, means for intermittently rotating said valve to bring said bore into alignment with said cylinder at the bottom of the stroke of said piston and to bring said channel into alignment with said cylinder at the top of the piston stroke, and means for feeding the material to be pumped into the extension of said valve casing.

2,125,284
PROCESS FOR THE PREPARATION OF ETHYL CHLORIDE
Leonard C. Chamberlain and Jack L. Williams, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application November 11, 1935, Serial No. 49,250
7 Claims. (Cl. 260—162)

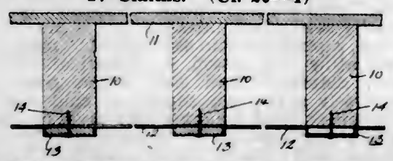
7. In a process for the production of ethyl chloride, the step which consists in passing ethylene and hydrogen chloride into a substantially anhydrous liquid bath of ethyl sulphuric acid containing a material selected from the group consisting of bismuth compounds and metallic bismuth.

2,125,285
PROCESSING FILM HOLDER
Rupert H. Draeger, United States Navy
Application November 14, 1935, Serial No. 49,756
6 Claims. (Cl. 242—77)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



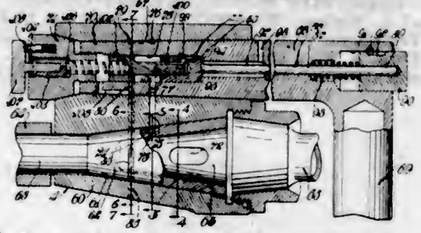
1. A processing film holder comprising a base, a plurality of spider arms extending outwardly from said base and a spiral coil supported on said spider arms, said spider arms being substantially inverted-U-shape in cross-section, said spider arms each being provided with a plurality of spaced slits across the bight to receive an edge of the spiral coil therethrough, and means for securing the edge of the coil within each slit, said means comprising a split formed in the portion of the coil extending through the bight with the edges of the split turned.

2,125,286
BUILDING CONSTRUCTION
John Fletcher, Kenmore, N. Y., assignor to Plastergon Wall Board Company, Buffalo, N. Y., a corporation of New York
Application October 11, 1935, Serial No. 44,532
17 Claims. (Cl. 20—4)



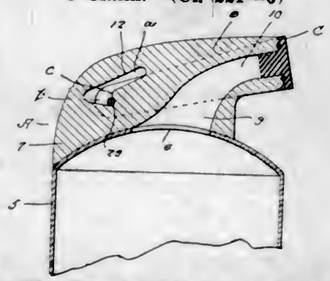
8. A flame resisting building construction comprising a skeleton frame formed of connected frame elements, a plurality of sheets of wall board secured to one face of said frame, with the sheets approximately abutting edge to edge against a common face of a frame element, the inner face of each sheet of all board having a coating of a bright, heat reflecting metal, and its outer face having a good flame resisting layer containing a non-metallic mineral in finely divided form, and flame resisting strips overlapping adjacent edges of said sheets and secured to said frame elements for confining the sheets to the frame elements and for covering and protecting the edges of said sheets.

2,125,287
ROCK DRILL
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application July 24, 1935, Serial No. 32,919
15 Claims. (Cl. 121—9)



1. In a rock drill, a drill steel actuating motor, pressure fluid actuated feeding means therefor, an automatic pressure reducing valve for regulating the feeding pressure, and a manually controllable valve engageable with said automatic regulating valve for manually regulating the feeding pressure.

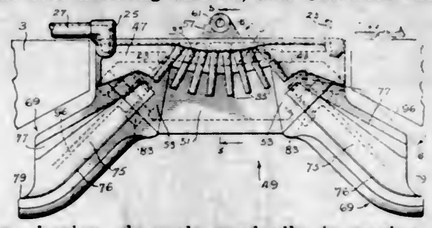
2,125,288
DISPENSING DEVICE
Eugene A. Gay, Newport, R. I.
Application July 7, 1937, Serial No. 152,452
1 Claim. (Cl. 221—6)



In combination, a container, a dispensing cap on the container communicating therewith and having a bore extending therethrough with an outlet, a closure for the outlet, means for mounting the closure whereby the same may be disposed in closed or open position, said closure being of yieldable material and comprising a U-shaped construction with a pair of legs and a cross member, the cross member having the plug protrudable into the mouth of the outlet, the legs having a pin extending across the body of the cap into a V-shaped slot.

2,125,289
DISTRIBUTOR PLATE FOR STEAM BLAST STOKERS
William T. Hanna, Cincinnati, Ohio
Application July 8, 1933, Serial No. 679,548
Renewed November 22, 1934
7 Claims. (Cl. 110—101)

5. In apparatus of the class described for a fire box having a fuel entrance, in combination, a distributor plate having a central fuel directing surface and a side fuel directing surface on each side of said central fuel directing surface, and a side arm extension removably secured to said distributor plate adjacent each side fuel directing surface and each side arm extension having a surface forming a continuation of its respective side fuel directing surface, said extension arms



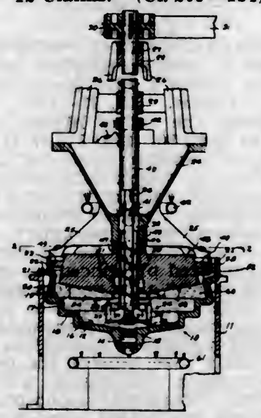
also having channels gradually increasing in depth and width for directing fuel supplied thereto to rearward portions of said fire box.

2,125,290
SHEET PAPER HOLDER FOR TYPEWRITERS
Joseph W. Harris, Washington, D. C.
Application October 25, 1935, Serial No. 46,785
4 Claims. (Cl. 197—180)



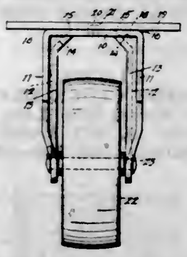
4. A typewriter accessory consisting of a storage receptacle for sheet paper, comprising an open ended relatively tall narrow U-shaped sheet paper holder having upright front and rear walls and adapted to support sheets of paper in an upright position between said walls, said walls being at least four times as high as the distance between said walls, a bracket engaging and supporting said paper holder in an upright position, said bracket projecting forward and adapted to detachably engage said holder to the rear portion of the typewriter frame.

2,125,291
PRECIOUS METAL RECOVERY DEVICE
Robert B. Hayden, Seattle, Wash.
Application February 11, 1935, Serial No. 6,025
Renewed November 1, 1937
12 Claims. (Cl. 209—184)



1. In a mineral extraction device, a heated molten lead receptacle; molten lead in said receptacle; a driven rotary mixing impeller positioned in the molten lead in said receptacle; said impeller having an open center; a float in said receptacle floating in the molten lead and positioned above said impeller; the bottom of said float being conically inclined upwardly from the center outwardly and said bottom float wall exerting a substantial pressure on the molten lead whereby material moving outwardly between said float and said molten lead will be subjected to pressure rolling and rubbing said material into said molten lead; and material feed means extending down through said float and connected with the open center of said impeller.

2,125,292
CASTER
Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application July 3, 1937, Serial No. 151,848
3 Claims. (Cl. 16—40)

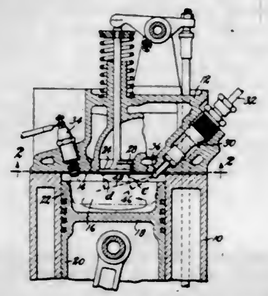


1. In a caster, a wheel supporting horn comprising a top and a pair of side legs extending downwardly therefrom and connected thereto by bends, there being an indentation at the upper end of each of said legs, spaced from the front and rear edges of the horn, its upper end being at a point in said top inwardly spaced from the leg connecting bend and its lower end being at a point in the leg downwardly spaced from said top, and an attaching plate rigidly secured to said top at securing points located between said leg connecting bends and lines coinciding with the upper ends of said indentations.

2,125,293
INTERNAL COMBUSTION ENGINE
Knut Jonas Elias Hesselman, Saltsjo Storangen, Sweden, assignor, by mesne assignments, to Hesselman Motor Corporation, Aktiebolag, Henriksdal, Stockholm, Sweden, a corporation of Sweden
Application December 21, 1934, Serial No. 758,543
In Germany December 22, 1933
5 Claims. (Cl. 123—32)

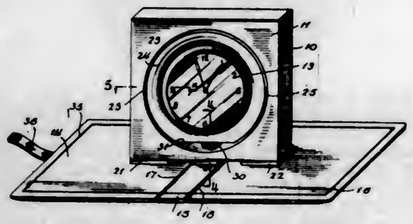
1. In an internal combustion engine of the injection type having a cylinder, means providing a combustion chamber, means for introducing an air charge into said chamber and causing rotation of the air about the axis of the cylinder, a timed ignition device for igniting a fuel charge in said chamber, and means located in said chamber for injecting fuel thereinto in a plurality of jets including an ignition jet and a separate auxiliary jet, said ignition jet being directed into the combustion chamber in a direction inclined with respect to a plane normal to the cylinder axis and with a factor of penetration causing the rotating air to carry fuel from said ignition jet to the vicinity of said ignition device at the time of ignition and said auxiliary jet being directed into

the combustion chamber in a direction having a different angle of inclination with respect to said plane than that of said ignition jet and with a different factor of penetration for causing fuel



from the auxiliary jet to form a fuel cloud in a different part of the combustion chamber than that impregnated by the fuel from said ignition jet.

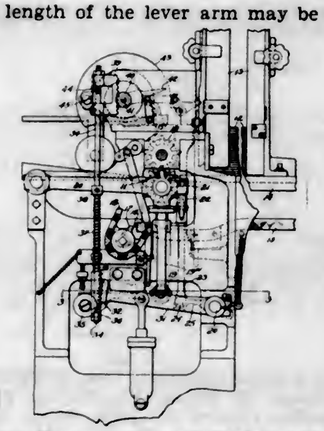
2,125,294
FOLDABLE CLOCK DEVICE
Harvey Lathrop, Forest Hills, Long Island, N. Y.
Application June 19, 1937, Serial No. 149,052
2 Claims. (Cl. 206—44)



1. In a foldable clock device, a frame for the clock, a base comprising three hinged panels, the medial panel having a width substantially equal to the width of the frame bottom, and means pivotally securing the frame to said medial panel for swinging movement of the frame around a vertical axis, whereby the device may be held open by swinging the frame across the hinge lines of the base, and whereby the device may be folded up by swinging the frame into alignment with said medial panel and swinging the outer panels upwardly to sandwich the frame between them.

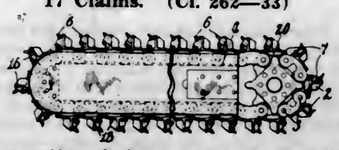
2,125,295
GRADING MACHINE
James W. Johnston, Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y., a corporation of New York
Application April 24, 1935, Serial No. 17,949
10 Claims. (Cl. 33—147)

2. A grading machine comprising detecting mechanism for detecting the grade of successive blanks according to their thickness, adjustable grading mechanism controlled by the detecting mechanism, and setting mechanism for setting the grading mechanism in accordance with the grade of the blanks as determined by the detecting mechanism, said setting mechanism including a rock shaft, an eccentric rotatively adjustable on the rock shaft, and a lever arm having a hub embracing the eccentric, whereby the effective length of the lever arm may be varied



by rotating the eccentric relatively to the rock shaft and the lever arm.

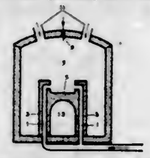
2,125,296
CUTTER CHAIN
Joseph F. Joy, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application June 21, 1934, Serial No. 731,712
17 Claims. (Cl. 262—33)



1. In a cutter chain, a series of pivotally connected chain blocks each having a lateral lug carrying a cutter bit, and conveying means carried by the chain for conveying the cuttings created by the cutter bits and including shelf-like conveyor elements one integral with each chain block for preventing the cuttings moving inwardly, and transverse conveyor elements one integral with each chain block and projecting laterally from the lugs of the chain blocks, said transverse conveyor elements cooperating with said shelf-like conveyor elements in the conveying of the cuttings.

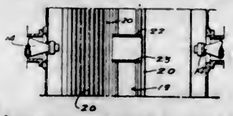
2,125,297
OXIDIZING ELEMENTAL PHOSPHORUS
John N. Junkins, Sheffield, Ala.
Application August 4, 1936, Serial No. 94,243
2 Claims. (Cl. 23—165)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Process of oxidizing elemental phosphorus using a primary air supply sufficient to vaporize all of the phosphorus and at the same time sufficient to oxidize only a limited amount of the elemental phosphorus and a secondary air supply sufficient to at least convert all the partially oxidized and unoxidized phosphorus to phosphorus pentoxide and to form a hot gaseous mixture containing the latter, which comprises, introducing the phosphorus into an uncovered liquid confining zone substantially centrally located in a surrounding gas confining zone, passing the primary air in heat exchanging relationship with the hot gaseous mixture containing the phosphorus pentoxide, admitting the heated primary air to the gas confining zone immediately above the surface of the phosphorus contained in the liquid confining zone to form a gaseous mixture of partially oxidized and unoxidized elemental phosphorus, admitting the secondary air to the gas confining zone so that it will be mixed with the gaseous mixture of partially oxidized and unoxidized elemental phosphorus to form the hot



gaseous mixture containing phosphorus pentoxide, and passing the hot gaseous mixture containing phosphorus pentoxide from the gas confining zone in adjacent heat exchanging relationships to both the primary air and the liquid confining zone.

2,125,298
HYDRAULIC BEATING APPARATUS
Richard D. Kehoe, Pelham, N. Y., assignor to Paper & Industrial Appliances, Inc., New York, N. Y., a corporation of New York
Application July 30, 1935, Serial No. 33,890
10 Claims. (Cl. 92—20)



5. In a hydraulic beater, opposed nozzles, a movable structure arranged between said nozzles and having target faces for engagement by jets from said nozzles, said structure being movable to withdraw the target surfaces from alignment with said nozzles to thereby permit the nozzle streams to impinge upon one another, a casing containing the structure, and means operable from the exterior of the casing for moving the structure.

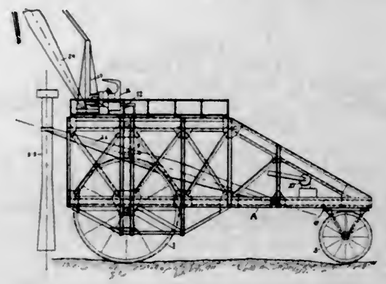
2,125,299
ALLOY AND MANUFACTURES
Vsevolod Nicholas Krivobok, Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md., a corporation of Delaware
No Drawing. Application June 25, 1935, Serial No. 28,376
7 Claims. (Cl. 75—128)

1. In a composition of matter of the class described, high temperature duty alloy iron or steel of good hot and cold-rolling characteristics possessing long life under high temperature conditions of stress, said alloy iron or steel containing as essential ingredients, 10 per cent to 25 per cent chromium, 7 per cent to 15 per cent nickel, 2.1 per cent to 4 per cent tungsten, .30 per cent to 1.5 per cent titanium, .03 per cent to .2 per cent carbon, and the balance substantially all iron.

2,125,300
METHOD OF PREPARING SUBSTANTIALLY PURE FREE MAHOGANY SULPHONIC ACIDS
George Andreas Kessler and Leo Salzmann, Butler, Pa., assignors to L. Sonneborn Sons, Inc., a corporation of Delaware
No Drawing. Application October 6, 1936, Serial No. 104,180
6 Claims. (Cl. 260—159)

1. Method of preparing pure free mahogany sulphonic acids which comprises passing gaseous hydrochloric acid through a solution of mahogany sulphonates, substantially free from involatile inorganic acids, in a substantially water immiscible organic solvent thereby forming a solution of free mahogany sulphonic acids and undissolved inorganic salts thereafter separating said inorganic salts from said solution and finally removing the solvent from the solution of the free mahogany sulphonic acids, said solvent being substantially incapable of dissolving inorganic salts, and said gaseous hydrochloric acid being passed through said solution of mahogany sulphonates in amount sufficient to convert substantially all of said mahogany sulphonates into free mahogany sulphonic acids.

2,125,301
SALVAGE APPARATUS
Simon Lake, Milford, Conn.
Application March 12, 1934, Serial No. 715,202
6 Claims. (Cl. 61—69)

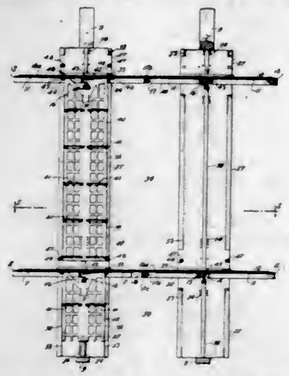


1. A marine rescue, salvage and harvesting apparatus, comprising a structure supported on wheels and including a platform normally above the water level, means for propelling said apparatus over the waterbed, a boom pivotally mounted on said structure and provided with means whereby its pivot may be adjusted longitudinally of said structure, and an inspection tube capable of accommodating an operative, and having a portion normally extending into proximity to said platform, and furnishing a means of access to said tube, and a portion projectable beneath the surface of the water, said tube pivotally carried by said boom and capable of swinging movement thereon, whereby the waterbed may be examined in all directions within a predetermined compass as the apparatus is being propelled over it.

2,125,302
LIBRARY CONSTRUCTION
Angus S. Macdonald, Hadlyme, Conn., assignor to Snead & Company, Jersey City, N. J., a corporation of New Jersey
Application April 23, 1935, Serial No. 17,777
28 Claims. (Cl. 189—34)

22. In library construction, a plurality of columns regularly arranged on fixed centers, a self-contained metallic floor having a plurality of column receiving openings arranged on the same fixed centers as the columns, said openings being of a size to provide clearance space between the columns and the marginal edges of the openings, means at said openings for laterally securing the floor to the columns, and filler means

between the sides of the columns and the adja-



cent marginal edges of the openings equal to the clearance space thereat.

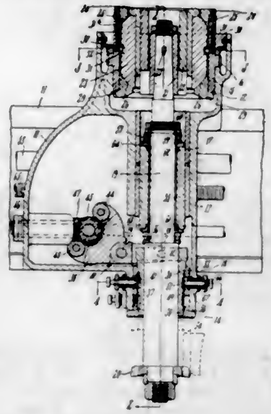
2,125,303
SAFETY BARRIER
Samuel L. McRoberts, Pittsburgh, Pa.
Application July 30, 1936, Serial No. 93,499
1 Claim. (Cl. 267—72)



In a cable type highway barrier, a shock absorber for the cables thereof and comprising an elongated hollow body having opposed slots therein and extending longitudinally for the major portion of the length thereof, a coil spring surrounding the body, a collar fixed to one end of the body and having a spiral groove in its inner face terminating in a shoulder providing abutment means for one end of the coil spring mounted in the groove, a nut disposed within the body, lugs extending from diametrically opposite sides of the nut and having reduced inner portions passing through the slots for slidable movement therein longitudinally of the body, enlarged outer ends for the lugs and receiving the opposite end of the coil spring to act as an abutment means therefor, a rod threaded in the nut and extending through one end of the body for connecting a cable thereto or for connection to suitable supporting means, a bolt secured to and extending through the opposite end of the body and cable connecting means detachably secured to the bolt.

2,125,304
CUTTER RELIEVING MEANS FOR SHAPING MACHINES
Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont
Application July 21, 1936, Serial No. 91,665
16 Claims. (Cl. 90—9)

14. In a shaping machine having a rotatable and axially movable spindle, a spindle-rotating member surrounding the spindle coaxially, torque transmitting means between said member and the spindle including a ball and socket joint and relatively slidable guide means, whereby the spindle is enabled to reciprocate endwise and to swing sidewise relatively to the rotation transmitting member, combined with spindle reciprocating means and means engaging the spindle at a dis-

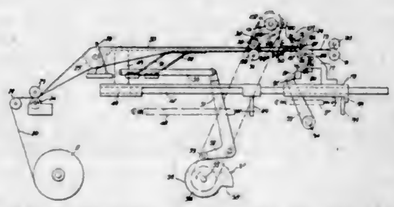


tance from said rotating member, having provisions for causing lateral swinging movement of the spindle with respect to said member.

2,125,305
LUBRICATING OIL
Thomas G. Murphy, Franklin, Pa., assignor to L. Sonneborn Sons, Inc., a corporation of Delaware
No Drawing. Application February 14, 1936, Serial No. 63,861
5 Claims. (Cl. 87—9)

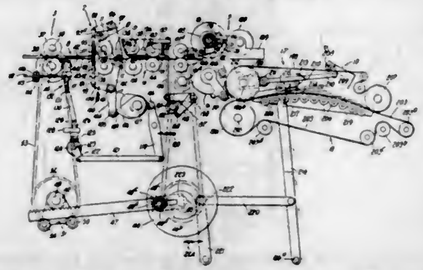
1. A lubricating oil composition comprising a lubricating oil containing paraffinic constituents, and from 0.05 to 0.5% of an alkali metal mahogany sulphonate, said lubricating oil being derived from a Pennsylvania paraffin base crude.

2,125,306
MANUFACTURE OF SATCHEL BOTTOM BAGS
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co. Inc., New York, N. Y., a corporation of New York
Application May 5, 1933, Serial No. 669,578
Renewed November 30, 1937
9 Claims. (Cl. 93—35)



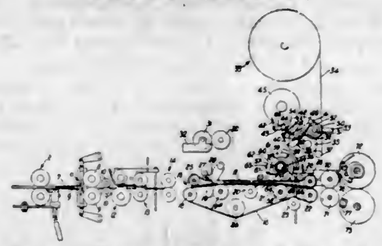
2. In a method of forming satchel bottom bags, the steps which consist in folding a web into tubular form, holding opposite faces of the formed tube flat and in spaced parallel relation, tucking the corners of the forward end of the bag tube into the space between said faces while maintaining the tube flat and fully distended, advancing the bag tube, and cutting off a blank length from the forward part of the bag tube having the tucked-in corners.

2,125,307
BAG MAKING MACHINE
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York
Application July 13, 1934, Serial No. 734,977
39 Claims. (Cl. 93—14)



12. In a bag making machine, in combination, means for feeding a tube of bag material intermittently, a cutter for severing bag lengths periodically from the tube, means for tucking in the corners of the leading end of the tube in advance of the cutter while the tube is idle to provide upper and lower tabs, tab turning means comprising a suction roller for lifting the upper tab away from the lower tab, a folding roller for turning back the lifted tab, and cooperating tube supporting rollers spaced from the suction roller and the folding roller in non-gripping relation thereto, and means for operating said rollers in harmony with the intermittent tube feeding means when the tube is being fed.

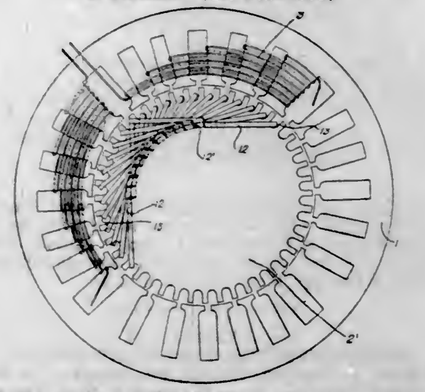
2,125,308
MEANS FOR AND METHOD OF APPLYING A PATCH TO A SATCHEL BOTTOM BAG
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co. Inc., New York, N. Y., a corporation of New York
Application August 2, 1934, Serial No. 738,095
Renewed April 14, 1938
16 Claims. (Cl. 93—27)



1. In a unitary apparatus of the character described, means for forming a tubular bag blank, means for folding the bottom flaps of said bag blank, means for oppositely disposing the points of said flaps, means for continuously advancing the blank, means for applying a patch to said flaps while the blank is in motion, means for folding the flaps across said patch, and means for adhering said flaps to said patch.

10. The method of making a patched satchel-bottom bag which consists in forming a tube from a web, inwardly tucking oppositely disposed portions of the tube to form parallel flaps, severing the blank from the tube, raising one of the flaps and folding it back upon the blank, gumming the flaps, applying a patch to the gummed areas of the flaps, gumming said flaps and said patch, folding said flaps across the patch, and pressing said flaps and patch into adhesive contact with each other.

2,125,309
DYNAMO-ELECTRIC MACHINE
Earl P. Oswald, Ferndale, Mich.
Application April 30, 1934, Serial No. 723,239
Renewed October 27, 1937
5 Claims. (Cl. 172—275)



1. In a single phase alternating-current motor, a stator with a single winding and having its iron and its winding-turns both in circumferentially progressive increasement from each pole to the next and comprising a plurality of pole projections of progressively increased section in the direction of rotation of the rotor, and a rotor having as its conductors loops of sheet metal of straight strip form slit centrally into parallel portions lying in spaced-apart rotor-slots and with the ends all bent inwardly.

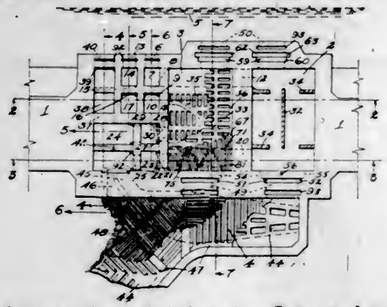
2,125,310
METHOD OF ALKYLATING PHENOLS
Ralph P. Perkins, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application May 1, 1936, Serial No. 77,383
7 Claims. (Cl. 260—624)

1. In a method of alkylating a phenol by heating the latter with a monohydric alcohol containing at least six carbon atoms in the presence of an acid activated bleaching earth, the steps which consist in distilling water and an olefine from the reacting mixture, separating the water and olefine in the distillate, and returning the olefine to the reaction.

2,125,311
WATER SUPPLY AND DRAINAGE SYSTEM FOR FISHLOCKS
Ben L. Peterson, Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War
Application May 25, 1937, Serial No. 144,612
9 Claims. (Cl. 61—21)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a dam structure of the character described the combination with a fish lock in gate controlled communication with a forebay and a tailrace; of means to deliver water from the forebay into the fish lock under conditions of regu-

lated water flow, a water chamber, means to discharge the water content of the fish lock into the water chamber under conditions of regulated water flow, means to deliver an auxiliary water supply from the forebay to the chamber under



conditions of regulated water flow, and means for directing the water content of the water chamber into the tailrace at a point remote with respect to the gate controlled communication between the fish lock and the tailrace.

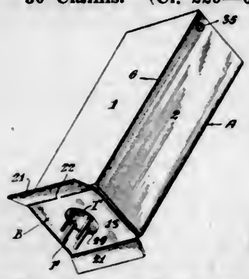
2,125,312

CONTAINER FOR TUBES AND BULBS

William A. Ringler, Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn., a corporation of New Jersey

Application January 19, 1935, Serial No. 2,559

30 Claims. (Cl. 229—6)



1. A container for radio tubes and the like, including, a tubular outer member, a partition telescoping within the outer member supporting one end of the tube, and means slidably connecting said outer member and said partition and limiting the telescoping movement of said partition, said outer member having a closure at one end thereof and an opening at the other end thereof through which the test end of the tube may be ejected, leg portions normally supporting the test end of the tube out of contact with the surface on which the container is vertically supported, said leg portions being foldable upon ejection of the test end of the tube so as to permit ready insertion of said test end in a test socket.

2,125,313

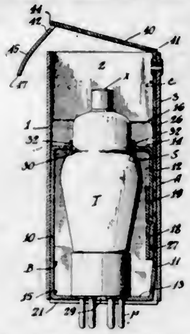
CONTAINER FOR TUBES AND BULBS

William A. Ringler, Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn., a corporation of New Jersey

Application December 4, 1936, Serial No. 114,165

9 Claims. (Cl. 229—6)

1. A carton for radio tubes and the like including, an outer member, an inner tube-enclosing member telescoping within the outer member, means slidably connecting said outer member and said inner member to limit the telescoping movement of said inner member, and an end closure



flap hinged to said connecting means for closing the open end of said outer member.

2,125,314

WAX TREATMENT

Oscar L. Roberts, Merwood Park, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application October 27, 1934, Serial No. 750,353

9 Claims. (Cl. 196—20)

1. In a process for separating a mixture containing solid wax and hydrocarbon oil thereby to obtain a substantially oil-free wax, the steps which comprise passing such mixture into a filtering zone, filtering said mixture to produce a wax cake, removing from the filtering zone the unfiltered mixture surrounding said wax cake, and washing residual oil from said cake with a wash solvent containing dispersed, solid wax.

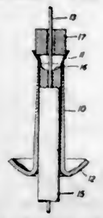
2,125,315

METHOD OF FORMING GLASS TO METAL SEALS

Victor L. Ronci, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 4, 1936, Serial No. 62,252

1 Claim. (Cl. 49—81)



The method of fabricating an insulated terminal conductor which comprises forming a tubular metallic eyelet with a flared end portion, inserting a wire through said eyelet, inserting a cylindrical spacer member having a recessed end into said eyelet for holding said wire coaxial with said eyelet, positioning said spacer member so that said recessed end is within said eyelet and in proximity to said flared end portion with the recess opening toward said flared end portion, sliding a glass sleeve about said wire and seating it in said flared end portion, heating said sleeve while said assembled eyelet, spacer member and wire are vertically disposed to render said sleeve sufficiently plastic to flow into intimate engagement with said wire, flared end portion and recessed end solely under the influence of gravitational forces, sealing the plastic glass simultaneously to said wire and said flared end portion, and withdrawing said spacer member.

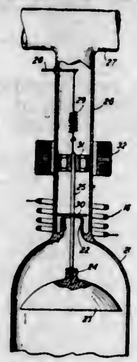
2,125,316

METHOD OF FORMING GLASS TO METAL SEALS

Victor L. Ronci, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 4, 1936, Serial No. 62,253

2 Claims. (Cl. 250—27.5)



2. The method of fabricating an electron discharge device having an enclosing vessel provided with a tubulation at one end, which comprises sealing an exhaust tube to said vessel about said tubulation, positioning a metallic disc carrying an electrode support within said exhaust tube and opposite to the end of said tubulation, mounting an electrode upon said support and within said vessel, coupling said exhaust tube to an evacuation station, outgassing said electrode, evacuating said vessel, moving said disc into engagement with the end of said inner tubulation, positioning a high frequency coil around said exhaust tube and in cooperative relation to said disc, and energizing said coil whereby said disc is heated to a sufficiently high temperature to fuse said tubulation to said disc.

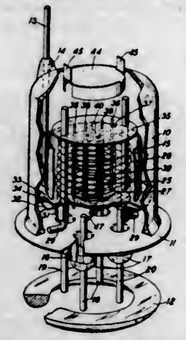
2,125,317

ELECTRON DISCHARGE DEVICE

Victor L. Ronci, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 4, 1936, Serial No. 62,254

2 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an enclosing vessel including a dished vitreous portion and a metallic closure disc sealed to the edge of said vitreous portion, a cylindrical anode within said vessel and supported by a leading-in conductor sealed in said vitreous portion, and a unitary electrode assembly supported from said disc including a cathode and a grid within said anode, a support carrying said grid and secured to said disc, and an insulating member spacing said cathode and said support, said insulating member having portions engaging said vitreous portion to position said assembly with respect to said anode.

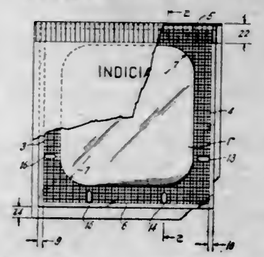
2,125,318

POWDER DISPENSING UNIT

Leroy L. Salfisberg, South Orange, N. J., assignor to Ivers Lee Company, Newark, N. J., a corporation of Delaware

Application September 20, 1937, Serial No. 164,689

9 Claims. (Cl. 221—61)



1. A fluid dispensing unit comprising layers of packaging material bonded together in a sealing flange, said flange forming a substantially rectangular inner fluid pocket with round corners for distributing the stresses of the contained fluid.

2,125,319

METHOD OF ILLUMINATING ROOMS

Peter Schlumbohm, Paris, France

Application August 13, 1935, Serial No. 35,929

In Germany August 14, 1934

4 Claims. (Cl. 240—1.1)



1. In a room, means for illuminating the room, said means comprising a color-filter mirrored reflector arranged near the ceiling of the room and an artificial source of light provided with means to project a widely divergent beam of light against said reflector, the direct light rays from the source of light being substantially limited to the upper portion of the room, and said reflector

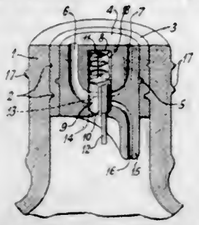
covering a sufficient portion of the ceiling whereby the reflected light substantially illuminates the room.

2,125,320
MESSAGE DEVICE
Joe Segar, Detroit, Mich.
Application May 18, 1937, Serial No. 143,319
6 Claims. (Cl. 281—44)



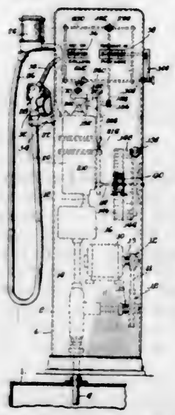
1. A message device comprising a frame having two flat opposite extremities adapted to be secured to a wall, and an intermediate portion of substantially U-shaped section the lateral margins of which have their rear edge faces in alignment with the rear faces of said extremities, the front of the intermediate portion having two spaced openings therethrough, and a shelf carried by the frame and extending inwardly beneath one aperture adapted to support a pad of paper in combination with spring means adapted to support the marginal portions of the front of the pad against the inner side of the frame around one opening, and the other opening forming the inlet to a pocket defined by the sides of the frame and the wall.

2,125,321
NONREFILLABLE BOTTLE
William R. Sheldon and James F. Meehan, Jr., Brooklyn, N. Y., assignors, by direct and mesne assignments, of one-fourth to said Meehan and three-fourths to Abraham Siegel, Brooklyn, N. Y.
Application October 16, 1937, Serial No. 169,393
5 Claims. (Cl. 215—19)



1. In a non-refillable bottle, a stopper adapted to be fitted into a bottle neck, a sleeve tightly wedged between said stopper and said neck, a chamber in the interior of said stopper and communicating at its lower end with the interior of said bottle, the opening of said chamber into the interior of said bottle being smaller than the widest portion of said chamber, a liquid passage and an air passage leading upwardly from and on substantially opposite sides of said chamber, another air passage leading downwardly from and substantially on the same side of said chamber as said first air passage, a valve slidable in said chamber from a lowered position in closing relation to said opening to a raised position, said valve having at its lower end a stem which when said valve is in raised position divides said chamber into two chambers, one of which enables the flow of liquid from the interior of said bottle into said liquid passage, and the other of which provides a path of travel for the air flowing from said upwardly leading air passage to the other air passage.

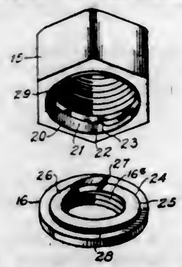
2,125,322
COMPUTING DISPENSING DEVICE
Ernest J. Svenson, Rockford, Ill., assignor to Petrolator Corporation, Chicago, Ill., a corporation of Illinois
Application August 4, 1937, Serial No. 157,304
17 Claims. (Cl. 221—95)



1. In liquid dispensing apparatus, the combination of a source of liquid supply, a pump, the intake side of which is connected to said source, dispensing means, a meter connected to the outlet side of said pump and to said dispensing means, a cost indicating register operated by said meter, an amount indicating register, means for varying the amount of fluid passing through said meter per unit of operation in accordance with variations in the unit cost per unit amount of the fluid being dispensed, and means operably connected to said last mentioned means for operating the amount indicating register.

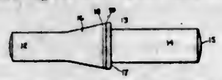
2,125,323
NUT LOCK CONSTRUCTION
Lawson Tarwater, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Tarwater Corporation, Los Angeles, Calif.
Application November 23, 1936, Serial No. 112,212
4 Claims. (Cl. 151—19)

3. In a nut lock construction to clamp against a surface, the combination of a bolt, a nut having a thread engaging the threads of the bolt, a lock washer having a threaded opening to receive the bolt, said nut having a circular recess on its inner face and said lock washer having a circular collar received in the said recess, the bottom of said recess and the abutting face of said collar having helical lifting cam faces respectively, and having abrupt engaging shoulders, the said collar and said recess being eccentric to the opening in the nut, said engaging shoulders co-operating when in abutment to hold the opening in the lock washer concentric with the opening in the nut, said parts cooperating when the nut is rotated, to advance the washer on the bolt and seat the same on said surface, thereby arresting the rotation of the washer, and causing the advance of the helical cam of the



nut on the helical cam of the lock washer and thereby develop a locking stress in a direction extending substantially longitudinally with the axis of the nut; and said eccentric collar and recess cooperating to jam the lock washer laterally against the side of the bolt and thereby develop simultaneously a second locking stress in a plane substantially at right angles to the axis of the bolt, said lock washer being of substantially circular form.

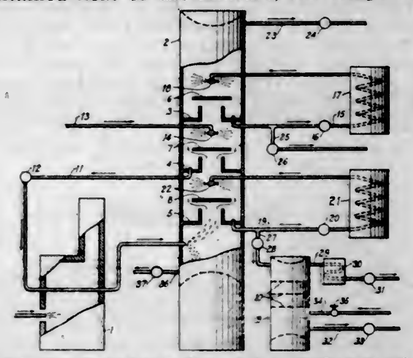
2,125,324
METHOD OF AND COUPLING FOR PRESSURE PIPES
Karl D. Williams and Hugo W. Hiemke, Washington, D. C.
Application April 1, 1935, Serial No. 14,168
7 Claims. (Cl. 29—148.2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. The method of joining ferrous pipe for conveying pressure mediums comprising flaring outward at least one unheated end of the normally uniform bore of a ferrous pipe with a uniformly progressing taper and thinness of wall from its bore to its outer end, inserting in each flared end the correspondingly flared end of a member whose bore conforms to and uninterruptedly joins that of the pipes, securing the pipe and member with solder by flaring sufficiently the juxtaposed surfaces of said flared portions to form a capillary attraction space therebetween, and by cooling the solder heat below fluidity first near the smallest diameters of said juxtaposed flared surfaces.

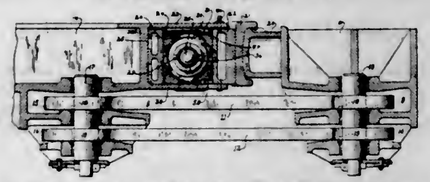
2,125,325
VACUUM DISTILLATION PROCESS
Malcolm P. Youker, Tulsa, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application February 25, 1930, Serial No. 431,291
10 Claims. (Cl. 196—77)

6. The method of separating lubricating oils from asphalt which consists in taking a starting mixture containing lubricating oils and nonvolatile asphaltic residuum, adding thereto a diluent oil which is completely vaporizable, continuously subjecting all of the oils to flash vaporization from the asphaltic residuum by first heating the entire mixture in a confined stream under pressure and then releasing the mixture into a vaporizing zone maintained under a sufficient vacuum to vaporize the oils under the contained heat of the mixture, the temperature



of heating being insufficient to crack any of the materials, condensing the vapors while preventing return of any condensate to the vaporizing zone, and withdrawing asphaltic residue.

2,125,326
ENGINE-TENDER BUFFER MECHANISM
George H. Zouck, Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y., a corporation of Delaware
Application August 22, 1933, Serial No. 686,203
16 Claims. (Cl. 213—3)

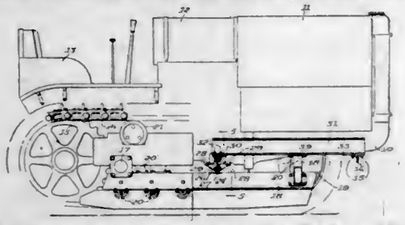


1. Buffer mechanism for use between an engine and its tender having a draw-bar interconnection including cooperating buffer members between the engine and tender, a buffer pocket structure on one of the vehicles adapted to mount one of the buffer members, yielding supporting means behind said one buffer member in said pocket structure adapted to urge it toward the other and thus place the draw-bar under tension, said means including a pair of wedges mounted for movement in a direction generally transverse the direction of movement of said one buffer member, the wedges having wedge surfaces arranged to advance the said one buffer member toward the other vehicle upon movement of the wedges away from each other, resilient means adapted to react between the wedges to urge them away from each other, and a removable abutment interposed between the resilient means and one of said wedges, the pocket structure being apertured adjacent said abutment to permit withdrawal thereof, whereby, upon removal of the abutment, the force of the resilient means may be removed from the wedges.

2,125,327
CRAWLER TRACTOR WITH RIGID TRACK FRAMES
David B. Baker, Riverside, Clifford R. Rogers, Oak Park, and Norman O. Panzegrau, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application February 29, 1936, Serial No. 66,350
16 Claims. (Cl. 305—9)

1. The combination with a track-type tractor

having a central longitudinal body and opposite parallel side track frames longitudinally disposed alongside the body with their rear ends connected in load supporting relation to the rear end of the body, of means to support the front end of the body on the forward ends of the side track frames comprising a transverse bolster extending under the body and having its ends anchored respectively to the track frames, means connecting the bolster to the underside of the body, a longitudinal



sill disposed on each side of the body with the rear ends thereof respectively resting on and secured to the ends of the bolster, a cross-plate carried by the body and secured thereto at the front end of the tractor in advance of the bolster, the front ends of the sills being carried by and secured to the ends of said cross-plate, and means supporting the sills intermediate their ends, said means being respectively carried on the adjacent side track frames.

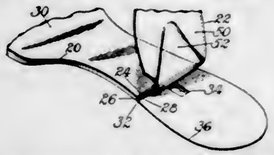
2,125,328

SHOE AND IMPROVEMENT IN SHOE MAKING

Lewis J. Bazzoni, Swampscott, Mass., assignor to The United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application August 15, 1935, Serial No. 36,354

7 Claims. (Cl. 12—142)



1. That improvement in methods of shoemaking which comprises providing a sole having a heel-breast receiving shoulder extending heightwise of the sole and having a heel-breast covering flap and a reduced heel seat which terminate at the bottom and top edges respectively of said heel-breast receiving shoulder, and fitting a Louis heel having a forwardly projecting lip to the sole, said lip being for a considerable distance rearwardly of its leading edge of a uniform thickness equal to the height of the shoulder, including removing material from the lip, if necessary, to insure that the lip shall snugly engage the heel-breast receiving shoulder when the heel is properly positioned with relation to the rear end of the shoe.

2,125,329

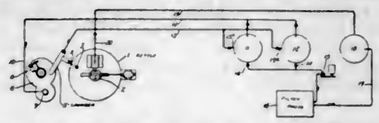
REFINING METAL

Gustave E. Behr, Sewaren, N. J., assignor to National Lead Company, New York, N. Y., a corporation of New Jersey

Application November 8, 1935, Serial No. 48,854

6 Claims. (Cl. 75—78)

1. In the process of treating molten alloys of the kind in which an alloy-component is reacted upon by a molten, water soluble reagent for the removal of such alloy-component, the improvement which consists in maintaining a circulation of an aqeous solution in a closed circuit,



transferring the molten reagent from the kettle and depositing it in said circulation, separating accumulated solids from such solution and drawing off some of such solution and returning it to the kettle for further treatment of alloy.

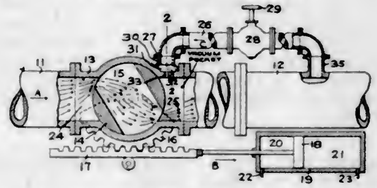
2,125,330

MEANS FOR BREAKING VACUUM IN PIPE LINES

Eugene Charles Brisbane, Denver, Colo., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania

Application October 29, 1937, Serial No. 171,698

2 Claims. (Cl. 137—69)



1. In a device of the class described, a conduit having a valve with a movable valve element for controlling communication through the conduit, a pipe connected at both ends to the conduit, both connections of the pipe with the conduit being on one side of said movable valve element, said pipe having a length sufficient to permit fluid to flow therethrough in a reverse direction to the direction in which the fluid flows through the conduit when the movable valve element is open, the flow of fluid through the pipe being induced by differential in pressures of fluid in the conduit at the points where the spaced ends of the pipe are connected to the conduit.

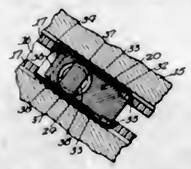
2,125,331

PRINTING PLATE MOUNTING

William F. Brügmann, Evanston, Ill.

Application December 26, 1933, Serial No. 703,977

26 Claims. (Cl. 101—388)



1. A printing plate clamp comprising a body insertable into a groove in a mounting base, a pair of transversely movable locking members mounted thereupon and capable of being spread apart to lock said clamp in said groove, means normally retracting said members, means for separating said members against the stress of said retracting means, and means mounting said locking members for movement about said separating means as a fulcrum.

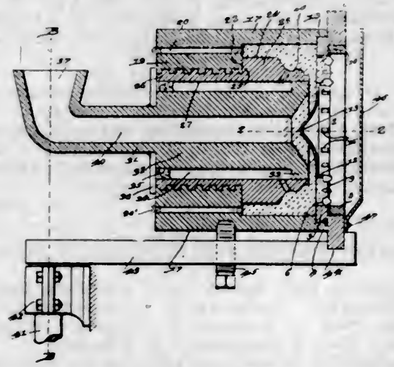
2,125,332

BIT CASTING MEANS, METHOD, AND ARTICLE

Everett J. Bursell, Spokane, Wash., assignor to the firm Morehead-Bursell, Spokane, Wash., consisting of Albert V. Morehead, Everett J. Bursell, and Albert T. Fleming, all of Spokane, Wash.

Application April 5, 1937, Serial No. 134,929

9 Claims. (Cl. 22—65)



9. In a centrifugal mold for casting a bit body onto a rotary drill coupling and uniting drilling stones with the bit body, a mold structure for holding the coupling and having a bit-forming cavity surrounding the coupling, a pouring tube extending through the coupling into said mold structure and having a flared terminal extending radially from the bore of said tube, and a die-plate for supporting stones in said cavity and extending abreast of and coacting with said flared terminal of the pouring tube for taking the initial impact of the metal and guiding the latter radially outwardly into said cavity to form the bit body and unite the latter with the coupling and partially embed the stones.

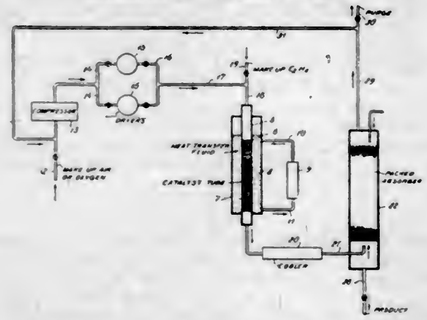
2,125,333

PRODUCTION OF OLEFINE OXIDES

Ray M. Carter, Glenbrook, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Company, New York, N. Y., a corporation of West Virginia

Application May 8, 1937, Serial No. 141,422

12 Claims. (Cl. 260—54)



1. The method of producing ethylene oxides which comprises subjecting a gaseous mixture comprising ethylene and oxygen to contact with a catalyst consisting of a carrier which is essentially fused aluminum oxide and silver, and selectively absorbing the ethylene oxide from the gaseous mixture.

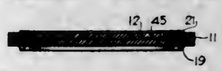
2,125,334

GASKET

Philip W. Dempsey, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application November 22, 1935, Serial No. 51,057

3 Claims. (Cl. 137—157)



1. A composite gasket comprising a portion of relatively soft flexible rubber and a portion of relatively hard and less flexible rubber than that of the soft flexible portion surrounding the periphery of and overlapping on both sides the peripheral section of the soft flexible portion.

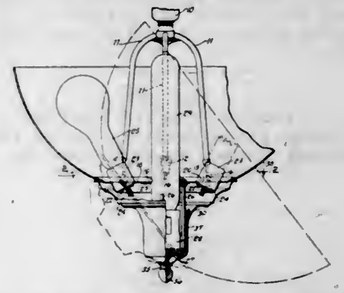
2,125,335

INDIRECT LIGHTING FIXTURE

Leroy C. Doane, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a corporation of Connecticut

Application January 2, 1936, Serial No. 57,227

7 Claims. (Cl. 240—78)



1. An indirect lighting luminair comprising a central, upwardly opening lamp socket, a mercury vapor lamb bulb carried in said socket, a plate through which the bulb extends, means for securing the plate and socket in spaced relation, a plurality of obliquely upwardly opening lamp sockets carried by the plate, incandescent lamp bulbs in the latter mentioned sockets, a suspension support for the plate, a downwardly removable shade extending upwardly and outwardly from outside the sockets and surrounding the incandescent lamp bulbs, and a downwardly removable socket cover for the first socket, the socket cover extending upwardly toward the plate, concealing the bottom of the plate and supporting the shade.

2,125,336

MACHINE FOR HANDLING STRIP MATERIAL

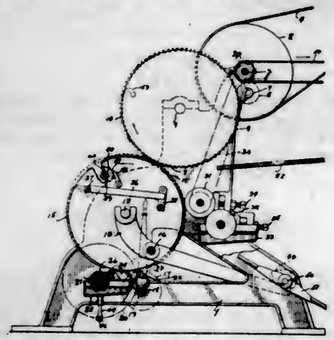
Joseph Ettl, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York

Application April 24, 1936, Serial No. 76,151

13 Claims. (Cl. 91—18)

2. In a machine for handling strip material the combination of a blanket roller for applying adhesive to strips fed to the same, a pair of spaced arms comprising bearings for said blanket roller, an adhesive-applying roller for applying

adhesive to said blanket roller, means for rocking said arms to move said blanket roller into



and out of contact with said adhesive-applying roller.

2,125,337

FLOTATION REAGENTS AND METHOD OF USE

Antoine M. Gaudin, Butte, Mont.

No Drawing. Application December 24, 1929, Serial No. 416,291
5 Claims. (Cl. 209—166)

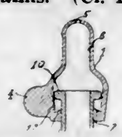
1. A method of recovering values from oxidized ores which consists in subjecting the same to a flotation operation in the presence of an alkyl mercaptan higher in the series than ethyl mercaptan.

2,125,338

NURSING BOTTLE NIPPLE

George L. Glossbrenner, Chicago, Ill.

Application October 28, 1935, Serial No. 47,081
3 Claims. (Cl. 128—252)



1. The combination with a nursing bottle and a nursing nipple therefor, the nipple comprising a base portion and a neck portion, the base portion being constructed to embrace the neck of the bottle below the bead and spaced apart therefrom and having a portion embracing the bead of the bottle neck, and an air inlet groove formed in said base portion at the point where it embraces the neck of the bottle, and a secondary inlet groove formed between the bead of the bottle and that portion of the nipple embracing the bead and at a point opposite the first groove.

2,125,339

METHOD FOR PRODUCING A FABRIC WITH CLOSE SETTING OF THE WEFT THREADS

Oskar Grimm, Lengenfeld, Germany

Application January 14, 1935, Serial No. 1,830
In Germany January 16, 1934
3 Claims. (Cl. 139—115)



1. A method for producing a fabric with very densely picked weft, consisting in dividing the warp threads into a number of groups corresponding to the number of healds, and in alternately slackening and tightening one group as the other is alternately tightened and slackened at successive blows of the slay.

2,125,340

OXIDATION OF TITANOUS SALTS

Charles R. Hager, Baltimore, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

No Drawing. Application January 9, 1936, Serial No. 58,256
7 Claims. (Cl. 23—87)

1. In an acid process of oxidizing trivalent titanium to tetravalent titanium the step of contacting a solution containing trivalent titanium with elemental oxygen in the presence of a small amount of an added copper compound as a catalyst.

2,125,341

COATED FABRIC AND PROCESS OF MAKING SAME

Carroll B. Hall, Beaver Falls, and John Dorman McBurney, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application October 10, 1934, Serial No. 747,666
5 Claims. (Cl. 154—2)



1. Process of producing a high metallic luster on flexible sheet material which comprises coating a fabric base with a cellulose derivative composition containing a plasticizer, preparing a separate cellulose acetate film, applying an adhesive to the said film allowing the adhesive to dry to the dust-free state, and while the adhesive is in this condition applying a coating of metal powder and orienting by brushing, removing the excess powder, and joining the said acetate film to the said coated fabric by means of an adhesive, whereby a material having a mirror-like lustre is obtained.

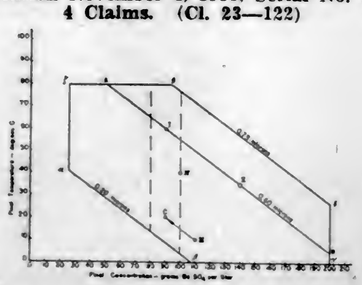
2. Process of claim 1 in which the metal powder is aluminum.

2,125,342

PROCESS OF MAKING PIGMENT BARIUM SULPHATE FROM BARIUM CHLORIDE

Daniel C. Hall, Silview, and Edward F. Steinbring, Wilmington, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

Application November 4, 1935, Serial No. 48,146
4 Claims. (Cl. 23—122)



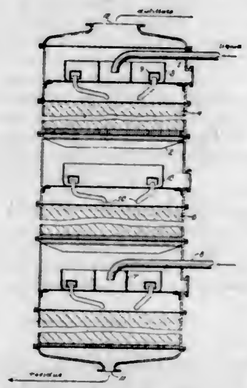
2. The process for producing barium sulphate having a frequency particle size average ranging below .6 and down to .2 micron, comprising the steps of reacting relatively pure solutions of barium chloride and sulphuric acid, correlating the final precipitating temperatures with the final barium sulphate concentrations to produce particles of a substantially uniform single particle size within the above range, employing final precipitating temperatures ranging from 65–15° C., and for each desired .1 micron reduction below .6 in particle size barium sulphate, reducing the final precipitating temperature about 13.1° C. below 65° C., but not below 15° C., while maintaining the final barium sulphate concentration constant and at a definite figure within 80–100 g/l.

2,125,343

COLUMN CONTAINING FILLER BODIES

Ernst Hochschwender and Hans Thomssen, Leuna, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application April 11, 1936, Serial No. 73,971
In Germany April 18, 1935
5 Claims. (Cl. 261—95)



1. A column containing filler bodies which is provided with distributing plates in the form of cylindrical troughs arranged at intervals between a plurality of layers of filler bodies and the axis of which practically coincides with that of said column, each trough being devoid of rigid connection with the wall of the column and each comprising a circular side wall and a bottom plate completely occupying the space defined by said side wall and provided with one series of separated tubular overflow devices spaced inwardly from said side wall and arranged on a circle concentric with the axis of the trough so that the overflow devices of said series are equally distant from said axis, the outlets of the overflow devices of said series being evenly distributed over the whole area of the column.

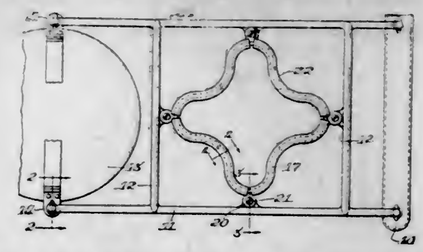
2,125,344

BRACKET FOR RELEASER MILKER SYSTEMS

Floyd G. Hodsdon, Milwaukee, Wis., assignor to International Harvester Company, a corporation of New Jersey

Application April 6, 1937, Serial No. 135,247
14 Claims. (Cl. 31—58)

4. In a frame structure for supporting teat cups, the combination of a plurality of members interconnected to form a frame, and a plurality of loop members interfitting to form a second frame carried by said first frame, and protective covering material sheathing said second frame,



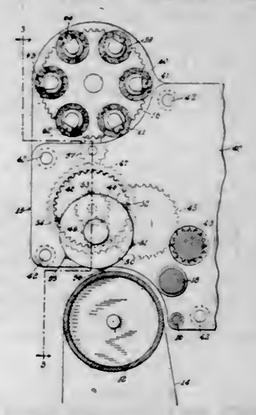
each of said loop members being adapted to support a teat cup.

2,125,345

MULTIPLE-RECORDING INSTRUMENT

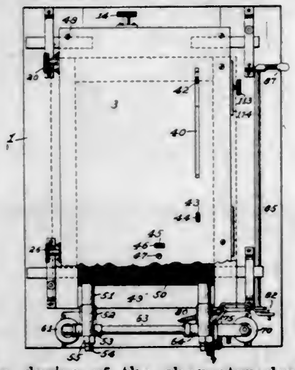
Ozro H. Hunt, Waterbury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut

Application February 25, 1936, Serial No. 65,574
9 Claims. (Cl. 234—66)



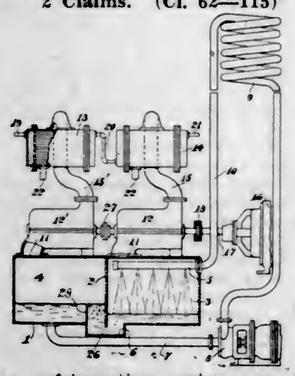
1. In a recording instrument for successively measuring and recording upon an advancing chart the magnitudes of a plurality of conditions, and including a recording member adapted successively to be commanded by the magnitudes of the respective conditions to be positioned with respect to the chart transversely of its travel and in accord with such magnitudes, said recording member carrying a plurality of marking elements adapted successively to engage said chart and mark thereon indicia representing in their respective positions relative to said chart the values of such magnitudes: a shaft rotatable about a fixed axis, and timing means to rotate the same; and intermediate mechanism for transmitting rotation therefrom to the recording member, said recording member comprising a printing wheel radially supporting the marking elements, and the said transmitting mechanism including an epicyclic gear train having a planetary member carrying the recording member and the elements of the train being so proportioned as to impart continuous rotation and revolution to the said printing wheel whereby the marking elements thereof travel in a cycloidal path in a plane at right angles to the surface of said chart and are successively juxtaposed to said surface at a point in said plane.

2,125,346
PRINTING APPARATUS
Glenn G. Johnson and Raymond J. Maller, Oelwein, Iowa
Application July 1, 1937, Serial No. 151,394
3 Claims. (Cl. 101—126)



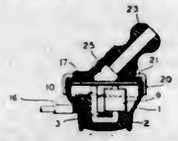
1. In a device of the character described, in combination, a hollow basal frame, a hollow platen frame mounted movably thereabove, a platen fixed thereupon, supports fixed within and upon the basal frame, interiorly threaded bearings fixed across the front and one side member of the platen frame independently, set-screws mounted in said bearings and having diminished inner terminations, arms having socketed ends loosely fitting upon the inner terminations of said set-screws respectively and rockably mounted at their opposite ends upon said frame supports, arms fixed on the under faces of the forward and rear parts of the platen frame to project laterally therefrom across and upon the side parts of said basal frame, and clips secured to the basal frame and receiving therethrough the outwardly projecting portions of the platen frame arms, whereby either or all of said set-screws may be employed to adjust the position of the platen frame as desired upon the basal frame.

2,125,347
REFRIGERATING APPARATUS
John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application June 29, 1936, Serial No. 87,876
2 Claims. (Cl. 62—115)



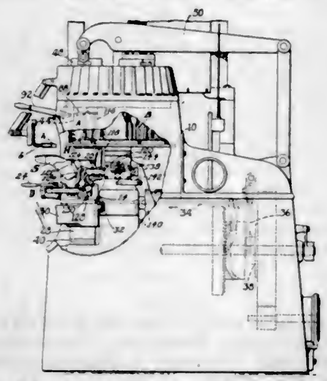
1. In a refrigerating system, an evaporator having a plurality of chambers wherein a refrigerant is chilled, said chambers being arranged to cause the refrigerant to pass successively through the chambers, an evacuator for each chamber, motor means common to all of the evacuators for driving same in unison, a separate condenser for the discharge of each evacuator, and means for passing a cooling medium serially through the several condensers.

2,125,348
TELEPHONE RECEIVER
Nathan A. Kurman, Long Island City, N. Y., assignor to Kurman Electric Co., Inc., New York, N. Y., a corporation of New York
Application June 24, 1936, Serial No. 86,910
2 Claims. (Cl. 179—107)



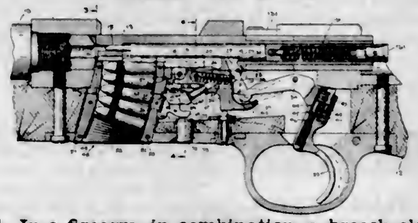
1. In a telephone receiver for partially deaf persons, a receiver shell of molded material having a relatively thick portion and a U-shaped polepiece molded therein, the base and one arm of said polepiece being substantially imbedded in said material during the initial molding operation, the other arm of said polepiece being arranged in a cavity formed in said material, said cavity being of sufficient depth to permit a form wound coil to be placed on the last mentioned arm, spring terminal means for said coil secured to the thick portion of the shell, the thick portion of said shell having a pair of spaced vertical openings, and lugs on said spring terminal means extending into said openings, said thick portion of the shell having a second pair of openings in the side wall thereof, communicating with said first mentioned openings and adapted to receive the tips of a cord.

2,125,349
HEEL-ATTACHING MACHINE
Robert H. Lawson, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 8, 1936, Serial No. 114,827
31 Claims. (Cl. 1—32)



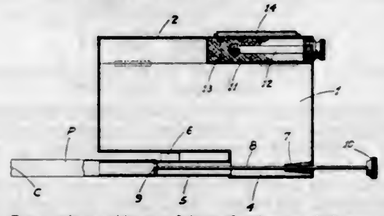
1. In a heel-attaching machine, a shoe-holder, a heel-holder, the two holders being movable relatively to establish registration between a heel and the heel-seat of a shoe which they carry, and means movable into contact with the heel for controlling such registration.

2,125,350
FIREARM
Crawford C. Loomis, Ilion, N. Y., assignor to Remington Arms Company, Inc., a corporation of Delaware
Application September 6, 1935, Serial No. 39,365
10 Claims. (Cl. 42—69)



1. In a firearm, in combination, a breech closing bolt, a striker and a striker moving spring in said bolt, a notch in said striker, a retractible bolt stop, a sear pivoted upon said retractible bolt stop and adapted to be moved about its pivot by the movement of said striker by its spring, a spring urging said sear into engagement with said striker notch, and a trigger adapted to engage and hold said sear, thereby holding said striker cocked.

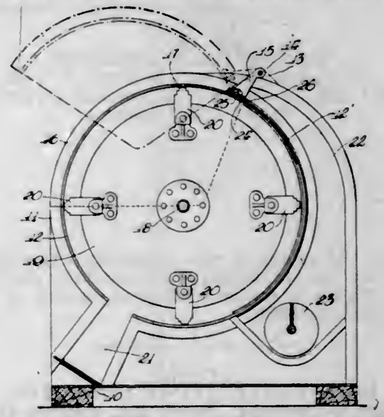
2,125,351
CIGARETTE FORMING DEVICE
Harry R. Lytle, Sacramento, Calif.
Application March 13, 1936, Serial No. 68,601
3 Claims. (Cl. 131—5)



1. In a cigarette making device, a tobacco containing body, tobacco extruding means including a tube of a length substantially that of a cigarette projecting from the body parallel to and spaced from one wall thereof, the tube being otherwise unobstructed and readily accessible and adapted to serve as a mandrel for the wrapping of a cigarette paper thereabout in tubular form, and a leaf spring fixed at one end on said wall and extending at right angles to the axis of the tube to tangential contact with said tube intermediate its ends and at a point in the circumference thereof nearest the wall.

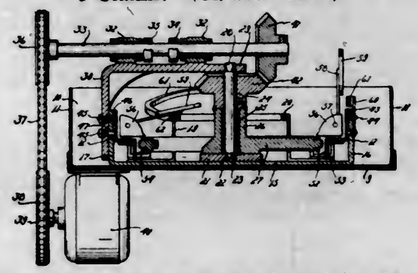
2,125,352
SCREEN SEAL FOR HAMMER MILLS
Raymore D. MacDonald, Western Springs, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application July 5, 1935, Serial No. 29,780
4 Claims. (Cl. 83—11)

1. In a mill comprising a drum with a portion thereof pivoted thereon to provide a hinged cover, and a plurality of curved screen sections disposed therein in end to end relation to provide a substantially continuous cylindrical screen within the drum and cover, a screen section carried by the cover section abutting a screen section carried by the drum substantially in alignment with the hinge point of the cover, said two screen sections being thereby separable when the cover is opened, the combination with one of the screen sections of a seal carried thereby, said seal being formed of imperforate sheet metal and having a portion thereof curved to provide a surface as a section of the aforesaid cylinder, said seal being



then curved radially outward from the cylinder to provide a guide portion for guiding the seal over the adjacent screen section when the cover is closed on the drum, the screen sections being thereby replaced in normal end to end position, said seal closely over-lying the junction of said two screen sections.

2,125,353
MOVING TARGET
Bernard O. Mattson, Detroit, Mich.
Application July 8, 1937, Serial No. 152,601
6 Claims. (Cl. 273—105.2)

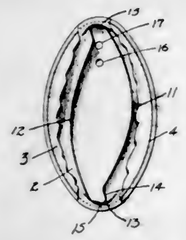


1. In combination, a tank adapted for the reception of a quantity of water; an endless target conveyor normally submerged in the water in said tank and traveling in a horizontal plane; a plurality of targets swingably mounted in spaced relation on said conveyor and swingable into substantially horizontal position below the normal water level in said tank and swingable into vertical position for projecting above the normal water level of said tank; and means for effecting the travel of said conveyor while maintaining the same in a horizontal plane.

2,125,354
CONTAINER
Albert John Meier, Glendale, Mo.
Application June 15, 1935, Serial No. 26,763
2 Claims. (Cl. 150—10)

1. A container comprising a casing, a closure for said casing, a pair of flat wire springs com-

prising in duplicate spring members, each having a rounded end to form a hook on its outside surface and a curved end to form a socket on its inside surface, said members in juxtaposition to



permit the socket of one to engage the hook of the other for providing a substantially frictionless bearing to enable relative movement of said tensioned members.

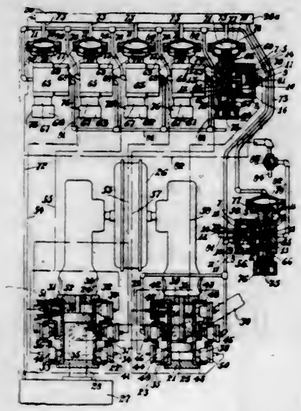
2,125,355

LOAD CONTROLLING APPARATUS

Chester W. Metzgar, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application July 26, 1934, Serial No. 737,035

15 Claims. (Cl. 230—21)



1. The combination of a compressor, a plurality of clearance chambers, clearance valves for each chamber connected to operate in pairs, a plurality of control devices each directly controlling operation of a pair of clearance valves and each acting in response to a different predetermined pressure, and a master control device directly controlling operation of one pair of clearance valves and indirectly controlling operation of the remaining clearance valves by controlling operation of their respective controlling devices.

2,125,356

INITIATOR

George A. Noddin, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application November 22, 1935, Serial No. 51,095

12 Claims. (Cl. 102—9)

1. An explosive-initiator comprising an aluminum shell containing an explosive charge, said



shell having a corrosion- and abrasion-resistant coating of aluminum oxide.

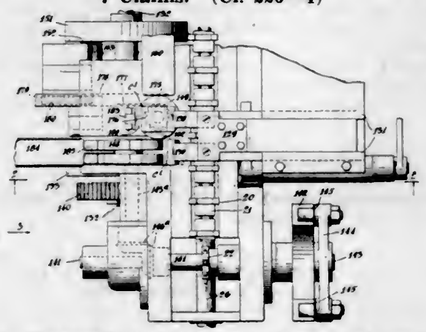
2,125,357

METHOD OF AND MEANS FOR ASSEMBLING ARTICLES

Joseph Peyser, Mount Vernon, N. Y.

Application December 10, 1936, Serial No. 115,088

7 Claims. (Cl. 226—4)



1. The method of feeding a plurality of articles with opposite ends of alternate articles extending in a given direction, which consists in: delivering two such articles side by side with the same face up and with the same ends extending in the same direction, and then reversing the position of one of said articles endwise while retaining the same face up and bringing it in line with the other article.

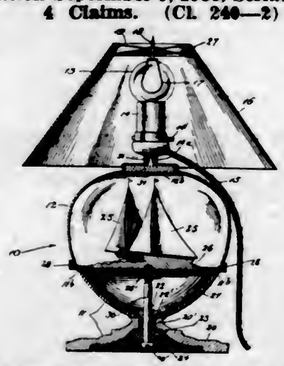
2,125,358

LAMP

John T. Renholdt, Bridgeport, Conn.

Application September 9, 1936, Serial No. 99,949

4 Claims. (Cl. 240—2)



1. In a lamp, the combination of a light source and a base structure comprising an opaque lower

section and an inverted transparent glass bowl mounted with its open end in engagement with the lower section and provided at its closed upper end with means formed integrally therewith whereby the light source can be mounted thereon; means for securing the lower section and the bowl together at their point of engagement; and an ornament mounted on a plate in the lower section with the ornament extending into the transparent bowl, said bowl being formed as a unitary structure.

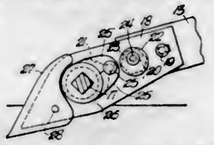
2,125,359

ADJUSTABLE ROD WEEDER POINT

Arthur A. Scarlett, Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill., a corporation of New Jersey

Application March 5, 1937, Serial No. 129,135

8 Claims. (Cl. 97—42)



1. In a rod weeder having a shank, the combination with the shank, of a shoe, means pivotally securing the shoe to the shank, said shoe formed with an opening therein, a complementary member adapted to cooperate with the opening in the shoe, and a bolt extending eccentrically through said complementary member and through the shank to adjust the shoe about its pivotal connection with the shank for varying the suction of the shoe.

2,125,360

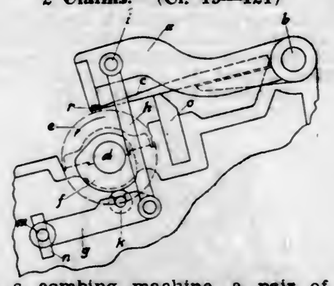
COMBING MACHINE FOR WOOL, COTTON, AND THE LIKE

Karl Josef Schmitt, Chemnitz, Germany

Application March 19, 1937, Serial No. 131,818

In Germany February 13, 1936

2 Claims. (Cl. 19—121)



1. In a combing machine, a pair of frame members, a nipper including an upper and a lower jaw supported by the frame members, and a rigid transverse stay rigidly connecting the frame members and arranged to support the lower jaw of the nipper throughout the width of the jaw.

2,125,361

SAFETY DEVICE FOR AEROPLANES

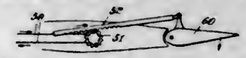
Karl Schwärsler, Warnemünde, Germany

Application November 15, 1935, Serial No. 50,016

In Germany November 17, 1934

6 Claims. (Cl. 244—87)

1. In an aeroplane, an elevator, a mechanism under the pilot's control for operating said elevator, and self-acting means for adjusting the righting effect of the elevator in response to excessive accelerations and retardations of the aeroplane, said adjusting means comprising an auxiliary surface associated with the elevator, and in-



ertia controlled means for indirectly actuating said auxiliary surface.

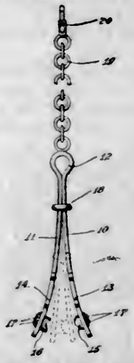
2,125,362

HANDKERCHIEF HOLDER

Fred H. Scribner, Easthampton, N. Y.

Application January 29, 1937, Serial No. 122,912

4 Claims. (Cl. 24—3)



1. A handkerchief holder embodying therein two spring stems, each carrying at its free end an exteriorly decorated plate having a generally curved bottom edge, complementary metal gripping jaws following generally the contour of the lower edge of, and projecting inwardly from each plate, each jaw presenting a continuous uninterruped blunt bearing edge of varying heights, movable means operative upon said stems, whereby said jaws may be brought toward each other or permitted to separate, a short length of chain connected with said stems, and a spring fastener carried by the other end of said chain, whereby the holder in its entirety may be detachably connected with a ring, pin or other article of jewelry.

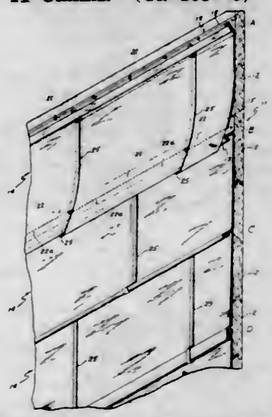
2,125,363

ROOF AND WALL COVERING

Henry E. Voegeli, Cheshire, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

Application January 16, 1936, Serial No. 59,347

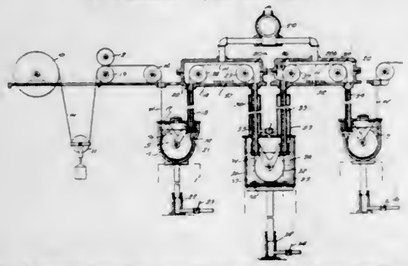
11 Claims. (Cl. 108—6)



4. A structure covering comprising spaced up-

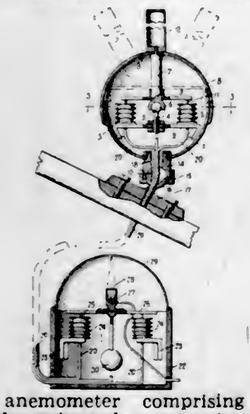
per and lower joint strips and a facing sheet covering the structure between said strips, each of said joint strips including a part folded inwardly and upwardly upon itself and with an intermediate portion of the folded part folded against the inner side thereof, said facing sheet having its upper edge portion folded over the upper edge of the folded part of the upper joint strip and with its edge in the first fold thereof, and said facing sheet having its lower edge portion bent about the intermediate folded portion of the folded part of the lower joint strip.

2,125,364
APPARATUS FOR DRYING AND IMPREGNATING
Frederick A. Waldron, Westfield, N. J.
Application February 18, 1930, Serial No. 429,350
Renewed December 22, 1937
6 Claims. (Cl. 91—55)



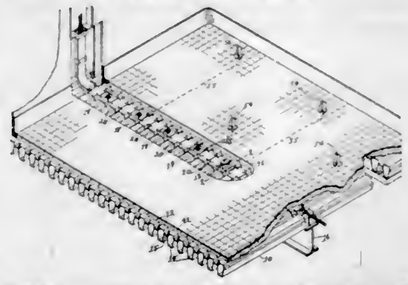
5. Apparatus for continuously drying web material comprising a vacuum chamber through which the web is passed, said chamber being in communication with a plurality of liquid seals, one open to the atmosphere for sealing the inlet through which the web is brought into the chamber, a second seal open to the atmosphere for sealing the outlet through which the web is withdrawn, and an intermediate dual seal open to the atmosphere at one side and in communication with the vacuum chamber and through which the web is passed, each of said seals comprising stationary web guiding means, a liquid container, and means to raise and lower the container.

2,125,365
ANEMOMETER
Fred Waller, Huntington, N. Y.
Application December 29, 1936, Serial No. 118,050
16 Claims. (Cl. 73—55)



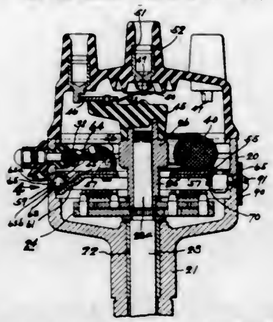
1. An anemometer comprising a member mounted for universal movement and adapted to be tilted in any direction by wind acting thereon, a second member remote from said first member and independently mounted for universal movement, and means controlled by said first named member to cause said second named member to move responsively to movements of said first named member.

2,125,366
CROSS-OVER DUCT FOR MULTICELLULAR STRUCTURES
James Howard Young and Joseph William Wiesmann, Pittsburgh, Pa., assignors to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application March 17, 1934, Serial No. 716,146
12 Claims. (Cl. 247—3)



12. The combination with a multicellular floor having longitudinally extended cells forming potential wiring ducts, portions of said cells being formed to provide a channel extended transversely below a surface thereof, of a cross over duct in said channel provided with openings therein arranged to afford communication with the interior of the cross over duct from the outside thereof, and also from selected ones of said cells.

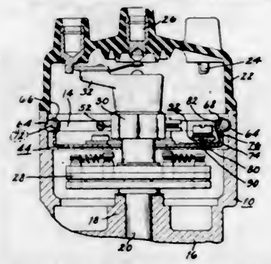
2,125,367
IGNITION APPARATUS
James L. Arthur and Dalphin L. Hittle, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 24, 1934, Serial No. 741,226
Renewed February 8, 1937
22 Claims. (Cl. 200—19)



2. Ignition apparatus for an internal combustion engine comprising, in combination, a timer housing having an annular groove, a circuit breaker, a cam for operating the breaker, a breaker plate, balls supporting the plate that operate in the groove, a second plate secured to the breaker plate, and having equally spaced pockets for the accommodation of the balls, spring means urging the balls into the housing

groove, and means for varying the angular relation between the cam and the breaker by rotating the breaker plate on the ball support.

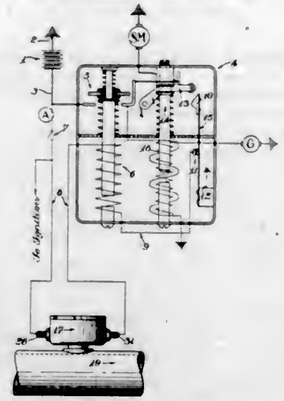
2,125,368
BALL BEARING TIMER DISTRIBUTOR
James L. Arthur, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 30, 1936, Serial No. 118,183
13 Claims. (Cl. 200—19)



6. In an ignition timer, having an oscillatable breaker plate supported by anti-friction bearings from a timer housing, the combination comprising, a plurality of circumferentially spaced lugs integral with and extending up from the breaker plate, said lugs providing fragmentary race portions for the anti-friction bearings extending parallel with the body of said plate, and stop means located at each end of the race portions limiting the movement of the anti-friction bearings along the race portions.

2,125,369
WITHDRAWN

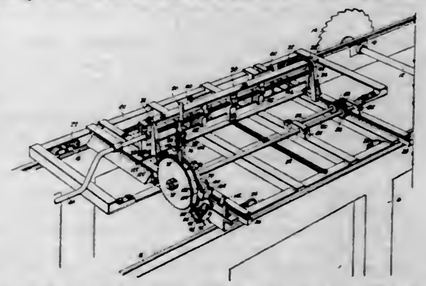
2,125,370
BACKFIRE RELEASE FOR INTERNAL COMBUSTION ENGINES
Malcolm P. Ferguson, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York
Application October 31, 1931, Serial No. 572,258
15 Claims. (Cl. 290—38)



14. In an automatic controller for internal combustion engine starters, a starting motor circuit, and means comprising a pressure-operated device for maintaining said starting motor circuit open when pressure above atmospheric exists in the engine intake manifold.

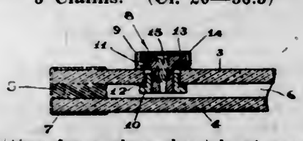
2,125,371
SHINGLE MILL
Edward S. Field, Kansas City, Mo.
Application August 29, 1936, Serial No. 98,486
6 Claims. (Cl. 143—11)

1. In a shingle mill, having a block-carrying member, a pair of parallel, longitudinally slidable racks pivotally secured to the block-carrying member, feed mechanism comprising pinions in mesh with each rack respectively; a shaft extending across the pair of racks; a pair of ratchet wheels mounted on said shaft adjacent one of said racks; a lever freely mounted on the shaft and oscillatable about the axis of the latter; and a pair of dogs carried by the lever in engagement with the ratchet wheels respectively to alternately drive the same when the lever is oscillated,



one of said pinions being integral with one of said ratchet wheels and free to rotate about the shaft therewith as the lever is moved in one direction to drive the ratchet wheel, the other of said ratchet wheels being secured to said shaft to rotate the same when the lever is moved in the other direction, the other of said pinions being secured to said shaft for rotation therewith, said last mentioned pinion having an idler pinion in mesh therewith and in mesh with the other of said racks.

2,125,372
DOUBLE GLAZING UNIT
John H. Fox, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania
Application June 23, 1936, Serial No. 86,787
3 Claims. (Cl. 20—56.5)

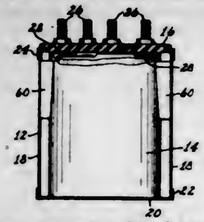


1. A fitting for a glass sheet having a perforation therethrough comprising, a metal connection plug having a threaded passage therethrough fitting said perforation in sealing relation with the glass sheet, a removable closure member threaded into said passage, and a cap fitting over the outer end of said connection and having releasable snap engagement therewith.

2,125,373
CONTAINER FOR ELECTROLYTIC CONDENSERS
Alexander M. Georgiev, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application June 23, 1934, Serial No. 732,119
4 Claims. (Cl. 175—315)

1. In combination with a sealed container and a wound electrolytic condenser section therein,

angularly spaced wedge-shaped blocks of insulating material wedged between the container and curved portions of the condenser section there-



in, the section engaging block surfaces being of the same shape as the engaged section surfaces.

2,125,374

POLYMERIZED VINYL COMPOUNDS

Willy O. Herrmann, Deisenhofen, and Wolfram Haehnel, Munich, Germany, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany, a corporation of Germany

No Drawing. Application May 13, 1936, Serial No. 79,622. In Germany June 5, 1935

9 Claims. (Cl. 18—57)

1. A method of modifying the viscosity or water-solubility of a composition comprising a water soluble polymerized vinyl compound selected from the group consisting of polyvinyl alcohol and its partially saponified esters, ethers, and acetals, which comprises subjecting said composition to the action of Congo red.

2,125,375

VAPORIZATION OF FORMALDEHYDE

Wilbie S. Hinegardner, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 24, 1934, Serial No. 712,752

8 Claims. (Cl. 167—26)

1. The method of inhibiting polymer formation in a boiling formaldehyde solution comprising adding to said solution sulfur dioxide in an amount less than that required for saturation.

4. A composition of matter comprising an aqueous formaldehyde solution containing a small amount of sulfur dioxide, said amount of sulfur dioxide being substantially less than that amount stoichiometrically equivalent to the amount of formaldehyde present.

2,125,376

WATERPROOFING PROCESS

Harold S. Holt, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 17, 1936, Serial No. 75,024

13 Claims. (Cl. 52—21)

1. A method of rendering water resistant a solid material adversely affected by water comprising coating the surface of said material with an acyloin derived from a fatty acid having more than 6 carbon atoms per molecule.

2,125,377

CYANIDE MANUFACTURE

Harry J. Hosking, Brooklyn, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

No Drawing. Application June 27, 1932, Serial No. 619,519

19 Claims. (Cl. 23—79)

11. Process for the production of a sodium cyanide containing more than 97% sodium cyanide comprising contacting hydrocyanic acid gas at 300–450° C. with an active carbonate in the solid state, said carbonate being made by dehydrating sodium carbonate decahydrate at 25–34° C.

18. A process for the production of alkali metal cyanides which comprises contacting the vapor of a hydrocyanic acid forming compound at a temperature of 300–450° C. with an active form of the corresponding carbonate in the solid state which has been rendered active by heat treatment.

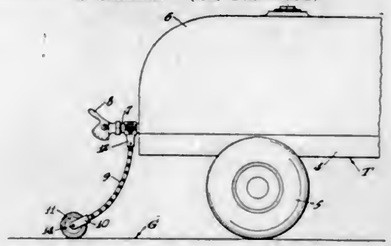
2,125,378

TANK TRUCK GROUNDING DEVICE

Michael Kadas, Farmington, Minn.

Application November 22, 1937, Serial No. 175,883

3 Claims. (Cl. 175—264)



1. The combination with a vehicle insulated from the ground of a static-grounding device comprising, a series of electrically conductive elements swingably connected together in general end-to-end relation to form an elongated member appreciably flexible in only one plane, means mechanically and electrically connecting said member at one end thereof to said vehicle to depend therefrom with said plane disposed vertically and parallel to the normal direction of travel of said vehicle, and a revoluble electrically conductive element mechanically and electrically connected to the free end of said member for rotation relative thereto about an axis disposed horizontally and normal to said direction of travel whereby said revoluble element may roll upon the ground over which said vehicle travels.

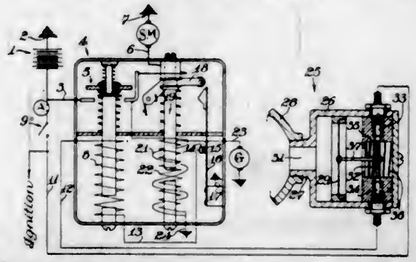
2,125,379

AUTOMATIC STARTING MECHANISM

Daniel P. Kearney, Detroit, Mich., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York

Application November 30, 1931, Serial No. 578,159

8 Claims. (Cl. 290—38)



8. An automatic controller for internal combustion engine starters comprising with an internal combustion engine, an ignition circuit therefor comprising a switch, a starting motor, means including a switch having an actuating coil in circuit with the first switch for controlling the operation of the motor, means actuated by the existence of pressure either above or below atmosphere in the intake manifold for maintaining the coil circuit open.

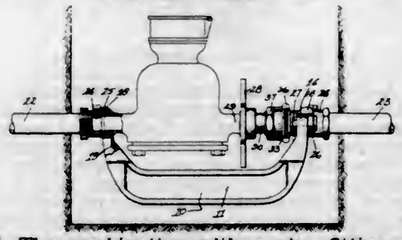
2,125,380

WATER METER MOUNTING

Emil M. Krueger, Milwaukee, Wis., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin

Application February 27, 1937, Serial No. 128,134

9 Claims. (Cl. 285—3)



1. The combination with a pipe fitting provided with projecting ears having bearing surfaces on their forward faces, said pipe fitting providing a packed socket intermediate said ears and projecting therebeyond, of a yoke having spaced bearing surfaces complementary to those of said ears and between which the projecting socket portion of said pipe fitting is receivable, the spaced portions of said yoke having lugs overhanging the bearing surfaces of said yoke and engageable marginally with said ears, and means in threaded connection with said ears for clamping the spaced portions of said yoke thereto.

2,125,381

STABILIZATION OF CHLORINATED COMPOUNDS

Arthur A. Levine and Oliver W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 8, 1937, Serial No. 129,684

5 Claims. (Cl. 23—250)

1. A composition of matter comprising trichlorethylene and stabilizing amounts of triphenyl guanidine.

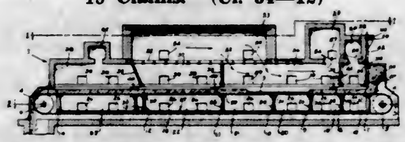
2,125,382

MEANS FOR DRYING MATERIAL

Henry G. Lykken, Minneapolis, Minn., and Robert L. Sutherland, Winnipeg, Manitoba, Canada; said Sutherland assignor to Northern Coal Products Co., Minneapolis, Minn., a corporation of Delaware

Application December 8, 1933, Serial No. 701,504

15 Claims. (Cl. 34—12)



8. In a drier a lower series of chambers, a substantially horizontal porous conveyor forming the top wall of the said chambers, a series of chambers above the conveyor of which a layer of material on the conveyor forms the bottom wall, checker work forming the top wall of some of said upper chambers, a chamber above the checker work, means for producing a substantially inert drying medium means for controlling circulation and recirculation of the drying medium to cause it to pass from the medium-producing means to the chamber above the checker work, through the checker work to the upper chamber, to the lower chambers, through the material and to the upper chambers.

2,125,383

PURIFICATION OF LACTIC ACID

Alexander Douglas Macallum, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 11, 1935, Serial No. 6,095

3 Claims. (Cl. 260—122)

1. A process for refining a crude lactic acid solution selected from the group consisting of lactic acid solutions made by fermentation and those prepared by hydrolysis of lacto-nitrile comprising steam distilling said solution and adding to the condensate a small amount of hydrogen peroxide.

2,125,384

PREPARATION OF ETHYNYL CARBINOLS

Alexander Douglas Macallum, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 20, 1936, Serial No. 91,619

16 Claims. (Cl. 260—156)

1. The process comprising reacting sodium acetylide with an alkylene oxide in the presence of liquid ammonia, while maintaining the reaction mixture at a temperature not above about —33° C., for a period of at least 5 hours and thereafter evaporating the reaction mixture to remove ammonia therefrom and recovering the resulting carbinol from the residue.

2,125,385

PACKAGING

J. Showles MacLean, Toledo, Ohio, assignor to The Franklin Creamery Company, Toledo, Ohio, a corporation of Ohio

Application July 24, 1936, Serial No. 92,403

6 Claims. (Cl. 206—56)



5. A package comprising a tube having an endless seat adjacent an end thereof, a closure disc

for an end of the tube engaged in said seat, and a wrapper conforming to the tube exterior throughout the length of said tube and wrapper, said wrapper being shiftable relatively to the tube to provide an integral extension remote from the disc, said extension being collapsible to provide a closure for the package.

2,125,386

COATING ALKALINE SURFACES

Paul La Frone Magill, Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 17, 1937, Serial No. 126,257

12 Claims. (Cl. 91—70)

7. An article of manufacture comprising marble impregnated with abietyl alcohol.

2,125,387

PROTECTIVE COATING

Martin W. Mason, Nutley, N. J., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

No Drawing. Application October 2, 1936, Serial No. 103,770

9 Claims. (Cl. 91—70)

1. A method of providing stable coatings of resins obtained by polymerizing vinyl chloride upon the surfaces of bodies of ferrous metal which normally tend to decompose the resin, that comprises preliminarily phosphatizing the surfaces, applying a film of the resin to the surfaces and then baking the film.

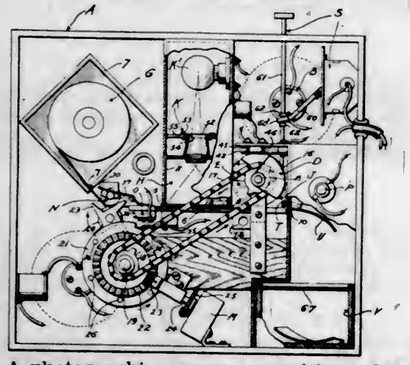
2,125,388

PHOTOGRAPHING APPARATUS

Spencer F. Monroe, Colton, Calif., assignor to J. Earl Peterson, Hamilton, Ohio

Application December 7, 1936, Serial No. 114,554

14 Claims. (Cl. 95—1.1)



1. A photographic camera comprising a housing, a photographing chamber therein, a lens for exposing the image within said chamber, a shutter controlling said lens, means providing for introduction of a piece of photographically sensitized material into said chamber and means cooperating with said lens for reversing the image and reflecting same onto said sensitized material, another chamber adjacent to the first chamber and from which said sensitized material is introduced into the first chamber, a subject of photography in said last named chamber, and means for making a positive photograph of said subject on a portion only of sensitized material in said last named chamber.

2,125,389

ANTICANNIBALISM GUARD FOR CHICKENS

Tito Morelli, near Kirkland, Wash.

Application December 12, 1936, Serial No. 115,552

6 Claims. (Cl. 119—97)



1. A device for the purpose specified, comprising a guard adapted for disposition surrounding the front end of a chicken's beak, and a member formed for attachment to the upper mandible, and engaging the guard at a single point to swingably support the latter pendant in such position when the chicken's head is normally upright, the guard and said member being relatively formed and arranged to guide the guard for forward and backward swinging movement but to restrain substantial relative sidewise movement, and for bodily movement lengthwise of the beak.

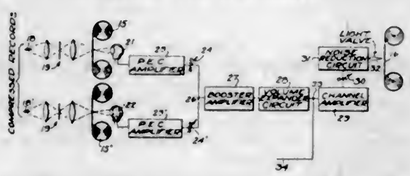
2,125,390

SOUND RECORDING

William A. Mueller, Hollywood, Calif., assignor to United Research Corporation, Burbank, Calif., a corporation of Delaware

Application February 10, 1936, Serial No. 63,086

2 Claims. (Cl. 179—100.3)



1. An apparatus for re-recording sound from a sound record on which the sounds have been compressed comprising means for converting light impulses varying in accordance with the compressed record into corresponding electrical currents, means for varying the ratio of amplification or attenuation of said electrical currents substantially in accordance with the variation in the amplification or attenuation employed in compressing said record, and means for translating said electrical currents into a standard noise reduction sound film record.

2,125,391

SALAD DRESSING

Albert Musher, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J., a corporation of New Jersey

No Drawing. Application May 20, 1937, Serial No. 143,849

4 Claims. (Cl. 99—144)

1. A salad dressing base comprising an edible oil-in-water emulsion carrying solid edible fat intimately incorporated therewith, the proportions of the ingredients being such as to give a composition of butter-like consistency at cool temperatures but of mayonnaise consistency at room temperatures.

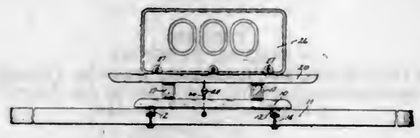
2,125,392

IDENTIFICATION ATTACHMENT FOR VEHICLES

Walter M. Najder, Milwaukee, Wis.

Application October 10, 1936, Serial No. 104,986

6 Claims. (Cl. 116—32)



6. In an identification attachment for vehicles, the combination with a suitable support, of sets of paired glass plates, relatively narrow with reference to the support, and connected with the support by relatively frangible neck portions, an inertia bar supported by said plates and similarly connected therewith by frangible neck portions, and identification devices normally supported between the plates and adapted to be released when the plates are released from each other by fracture of the relatively frangible neck portions.

2,125,393

β-HALOGENATED VINYL KETONES

Johannes Nelles and Otto Bayer, Leverkusen-I. G. Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application May 29, 1936, Serial No. 82,672. In Germany May 31, 1935

5 Claims. (Cl. 260—134)

1. The products of the probable formula R.CO.CH=CHX wherein R stands for a member of the group consisting of hydrogen, alkyl and aryl radicals, and X stands for a halogen atom, these products being substantially identical with those obtainable by causing carboxylic acid halides selected from the group consisting of those of the aliphatic and aromatic series to react upon acetylene in the presence of a Friedel Crafts' catalyst.

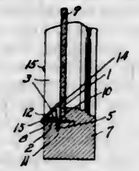
2,125,394

METAL SASH STRIP

Julius C. Neuendorf, Detroit, Mich.

Application November 9, 1936, Serial No. 109,848

5 Claims. (Cl. 20—56.4)



1. In a metal sash strip, the combination with a sash having a shoulder to receive a glass pane and provided with a groove in the shoulder in front of the glass pane, a sheet metal strip formed of spring metal and having an upright portion fitting in said groove, a flange extending from one side of said upright portion and at an acute angle thereto into engagement with said shoulder, said flange being provided with a portion return bent into engagement with the flange and providing a free spring edge extending beyond the upright portion into engagement with the glass pane and means for securing the upright portion in the groove.

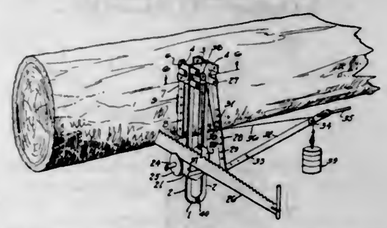
2,125,395

MEANS FOR MOUNTING AND SUPPORTING A SAW

Joseph F. Olson, Portland, Oreg.

Application December 27, 1937, Serial No. 181,861

4 Claims. (Cl. 143—163)



1. In combination, a bracket, comprising parallel bars, a plate connecting the parallel bars, the ends of the plate being sharpened and bent at right angle to form outwardly extended prongs, a U-shape element, a pair of plates connecting the legs of the U-shape element, angle irons secured to the legs adjacent to said second-mentioned plates and extending outwardly therefrom, means securing oppositely disposed angle irons to the parallel bars of the bracket, a carriage slidably mounted on the U-shape element, a grooved pulley mounted on the carriage to guide a saw, a cable and weight for advancing the carriage and saw toward a log being cut.

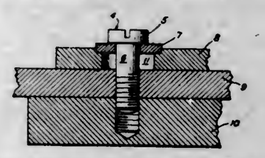
2,125,396

CONNECTING DEVICE

Dimitry Eugene Olshevsky, East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

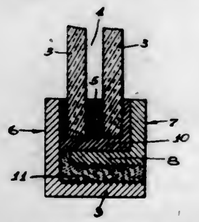
Application May 4, 1935, Serial No. 19,885

2 Claims. (Cl. 189—36)



1. In combination with three members adapted to be fastened together in contacting relationship and provided with holes having a common axis, the holes in one of the outside members being tapped and the holes in the other outside member being of a larger diameter than the diameters of the holes in the other two members and counter-bored, and a plurality of connecting devices, each comprising a screw-element having a threaded shank for engaging the internal threads of one of said tapped holes and having a slotted head adapted to pass rotatively into one of said enlarged holes, a removable washer-member adapted to fit into the counter-bore of one of said enlarged holes and operating therewith to prevent said head from passing into said enlarged hole when all three members are to be fastened together, and operating to keep said screw-element in the center of said enlarged hole, said screw-elements being removable one at a time for removal of the associated washer-members and being replaceable so that the heads thereof pass into the enlarged holes in the other outside member and contact the intermediate member, whereby the last-named outer member may be removed after all the washer-members have been removed and the screw-elements have been reassembled with the other two members.

2,125,397
DOUBLE WINDOW CONSTRUCTION
William Owen, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application October 2, 1937, Serial No. 166,950
7 Claims. (Cl. 20—56.5)

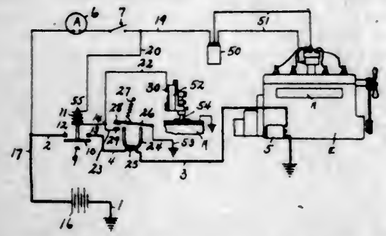


1. In combination in a double window construction, a pair of spaced glass sheets with spacing and sealing means therebetween at their margins, a channel in which the edges of the glass sheets are mounted comprising a pair of metal members of L-cross section facing each other with their base flanges overlapping, but spaced apart and with their other flanges in opposition to the side faces of the glass sheets, and a filler of material subject to flow in application but self-hardening under atmospheric conditions filling the space between the base flanges.

2,125,398
PROCESS OF MILK STERILIZATION
Joseph S. Reichert and Robert W. McAllister, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 4, 1934, Serial No. 723,942
5 Claims. (Cl. 99—213)

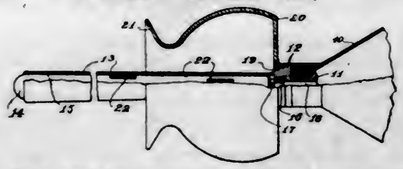
1. A process of sterilizing milk or milk mixtures which comprises adding to the milk hydrogen peroxide and potassium iodide in amounts which bear a ratio to each other of 10 parts of hydrogen peroxide to 1 part of potassium iodide.

2,125,399
AUTOMATIC CONTROLLER FOR INTERNAL COMBUSTION ENGINE STARTERS
Gordon B. Sayre, Syracuse, N. Y., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York
Application December 26, 1931, Serial No. 583,355
5 Claims. (Cl. 290—38)



1. An automatic controller for internal combustion engine starters comprising with an internal combustion engine, a starting motor circuit, an electro-magnetic switch in said circuit for controlling energizing of the motor, a relay controlling the energizing of said electro-magnetic switch and including contacts, means for maintaining said contacts separated when vacuum exists in the intake manifold, and means for maintaining said contacts separated when pressure above atmosphere exists in the intake manifold.

2,125,400
VAGINAL SYRINGE
Frank Schmals, Woodstock, Ontario, Canada
Application April 15, 1937, Serial No. 136,972
3 Claims. (Cl. 128—240)



1. In a syringe, a relatively long spray nozzle, tapering gradually from its relatively broad, free, rounded end towards its reduced fixed end, and consisting of a solid, tapered interior member and a correspondingly tapered, tubular exterior member, spaced from the former over its entire length, spacer means for the members in the form of elongated ridges, disposed in the direction of the flow of liquid intended to pass through the nozzle, and extending from the interior member, said spacer means providing a uniformly tapering, outwardly enlarging passage between said members, a nozzle base provided with bulb attaching means, the nozzle extending with its reduced end from the base opposite to said bulb attaching means, the interior member being removably secured at the reduced nozzle end, and means for receiving return-flow liquid, discharged from the free nozzle end, provided with said base and extending from the reduced nozzle and towards, but terminating short of the free end of the nozzle, while surrounding the nozzle body for a substantial distance.

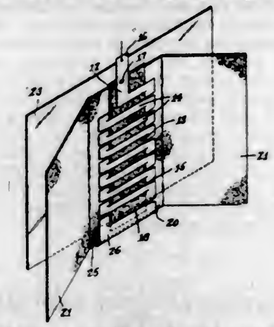
2,125,401
PROCESS OF REACTING ALKALI METALS WITH AROMATIC HYDROCARBONS
Norman D. Scott, Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 13, 1935, Serial No. 49,556
12 Claims. (Cl. 260—168)

3. A method of effecting the addition of an alkali metal to a polycyclic aromatic hydrocarbon which will form addition compounds therewith which comprises reacting the alkali metal and the hydrocarbon in a reaction medium comprising a diether of a glycol having the ether groups on adjacent carbon atoms in an amount sufficient to promote the reaction.

2,125,402
HEATING DEVICE FOR PERMANENT WAVES
Charles P. Simas, Taunton, Mass.
Application April 17, 1937, Serial No. 137,457
3 Claims. (Cl. 219—24)

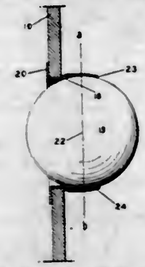
1. A heating device for curls comprising a heating element in the form of a flat piece of metal embodying a plurality of sections connected together, a spacer between said sections, a sheet of asbestos around a portion of said heating element embodying three folds, two of said folds being on one side of said piece of metal and

the other said fold being on the other side of said piece of metal, metal foil around a portion of said



asbestos sheet, a portion of said metal foil being in contact with said flat piece of metal.

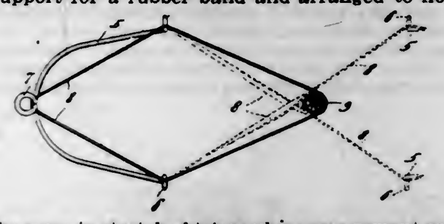
2,125,403
SIGN UNIT MOUNTING
Israel Slutsky, New York, N. Y.
Application August 26, 1937, Serial No. 160,968
3 Claims. (Cl. 40—130)



1. In a device of the class described, the combination of a one-piece tubular mounting means open at opposite ends having one end portion of a greater diameter of bore than the other end portion and providing an internal shoulder connecting the portions of different diameters, said shoulder forming an annular stop, a light transmitting element having a snug fit in the portion of larger diameter and engaging firmly against the stop provided by said inclined internal shoulder, the portion of larger diameter adjacent the shoulder being of cylindrical form between the shoulder and a plane perpendicular to the axis of the tubular mounting means at the center of the spherical element and the portion on the other side of said plane having its inner face forming a section of a sphere contoured substantially to that of the portion of the spherical element encircled thereby and in clamping engagement therewith and the extreme outer edge of said last named portion being drawn snugly into engagement with the perimeter of the sphere to provide a more or less water-tight circular line joint between the sphere surface and the mounting means and the tubular end of less diameter adapted to be flanged outwardly to form an attaching flange to secure the mounting means to a support.

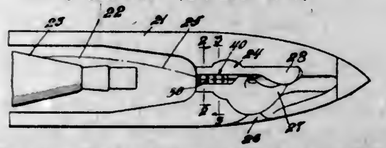
2,125,404
CASTRATION DEVICE
Ed Snyder, Westbrook, Minn.
Application April 5, 1937, Serial No. 134,947
1 Claim. (Cl. 128—306)

In a device of the kind described, a bow formed integral of a single piece of spring metal wire, bent at its ends and intermediate portion to form laterally offset hook-like lugs, affording a three-point support for a rubber band and arranged to hold



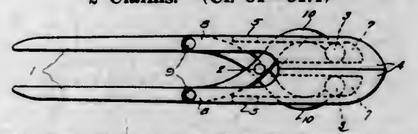
the same in stretched triangular arrangement and in a plane laterally offset from the plane of said bow.

2,125,405
SHUTTLE
William A. Tebo, Anthony, R. I.
Application October 31, 1936, Serial No. 108,602
9 Claims. (Cl. 139—217)



1. In a shuttle for an automatic loom, a threading block having means to cause the yarn to partially move to threaded position on the first pick of the shuttle, said yarn being under greater tension because of its path of travel when completely threaded than in the path of travel when partially threaded on the first pick, and a pair of relatively movable vertically extending members having opposing yarn contacting surfaces at one vertical level and spaced to permit the yarn to run free between them at a different vertical level.

2,125,406
PLIERS
Edward Tetly, Medora, N. Dak.
Application June 30, 1937, Serial No. 151,211
2 Claims. (Cl. 81—51.4)

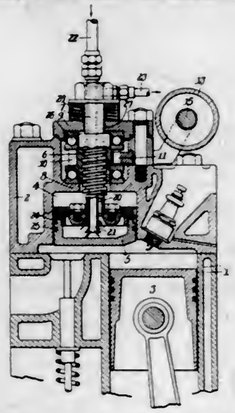


1. A tool of the class described comprising a pair of crossed, pivotally connected levers, a pair of opposed, parallel jaws mounted on said levers, said jaws including bifurcated rearward extensions straddling the levers and pivotally connected thereto rearwardly of the pivotal connection of said levers, said jaws having sockets extending longitudinally thereinto from the rear ends thereof for the reception of one end portion of the levers, and balls fixed on said one end portion of the levers and operable in the sockets.

2,125,407
VARIABLE COMPRESSION RATIO INTERNAL COMBUSTION ENGINE
Kenjiro Tsuneda, Kyoto, Japan
Application September 1, 1936, Serial No. 98,965
In Japan November 18, 1935
3 Claims. (Cl. 123—48)

1. A variable compression ratio internal combustion engine comprising a cylinder, a main pis-

ton in said cylinder, a cylinder head having a cavity and forming a combustion chamber together with said cylinder and the main piston, a piston-like movable member slidably mounted in said cavity in the cylinder head, a threaded central rod fixed to said piston-like movable member, a pinion having its bore internally screw-threaded and engaging with said threaded central rod, a



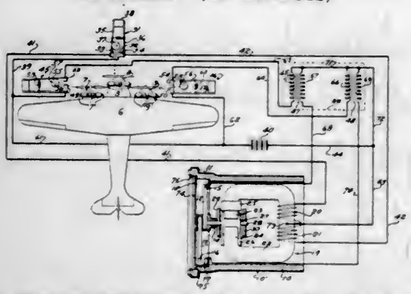
toothed rack engaging with said pinion and adapted to be moved horizontally on the cylinder head, a servo-motor cylinder, a servo-motor piston in said servo-motor cylinder and connected to said toothed rack, a pipe connecting said servo-motor cylinder to said combustion chamber, a controlling valve in said pipe for controlling the flow of explosion gas from said combustion chamber into said servo-motor cylinder.

2,125,408

ENGINE SYNCHRONISM INDICATOR

Adolf Urfer, New Rochelle, N. Y., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y., a corporation of New York

Application September 27, 1930, Serial No. 484,919
Renewed December 23, 1936
11 Claims. (Cl. 177—311)



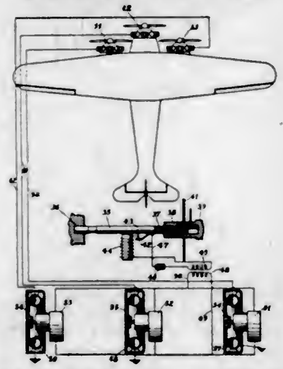
1. The combination with a plurality of internal combustion engines, of means for indicating the synchronism thereof including means operated by and at said engines for producing low tension electrical impulses in synchronism with the rotation of said engines, means at said indicating means and remote from said engines but having electrical connections with said low tension producing means for translating certain of said low tension impulses into high tension alternating currents, whereby the connections between the low tension and high tension producing means may be effectively shielded to prevent radio interference without weakening the high tension currents, means adjacent and electrically connected to said high tension means and periodically illuminated by spark discharges produced therein by said high tension alternating currents in synchronism with certain of said engines, means responsive to the other of said low tension impulses and drivably connected to said illuminating means for rotating said illuminating means in synchronism with another of said engines whereby said illuminating means appear to be illuminated continuously and stationary when the engines are rotating in synchronism, and means for shielding the electrical connections between the engines and the indicating means.

2,125,409

ENGINE SYNCHRONIZER AND TACHOMETER

Adolf Urfer, Yonkers, N. Y., assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y., a corporation of New York

Original application January 18, 1930, Serial No. 421,855. Divided and this application September 17, 1935, Serial No. 41,002
2 Claims. (Cl. 175—183)



1. Means for determining the speed of rotation of a continuously rotating element, comprising a calibrated element continuously vibrating at a known frequency, means operated by said calibrated vibrating element for producing electrical impulses of the same frequency as that of the vibrating element, means operated by the rotating element for also producing electrical impulses, the latter impulses having a frequency corresponding to the speed of rotation of the rotating element, stroboscopic means operated by the impulses produced by both of said means for furnishing an indication of synchronism between said frequencies and, hence, between said rotating and vibrating element, means for adjusting said vibrating element until its frequency is indicated by said stroboscopic means to be the same as the frequency of the impulses produced by the rotating element, and means for indicatterms of the speed of said rotating element.

2,125,410

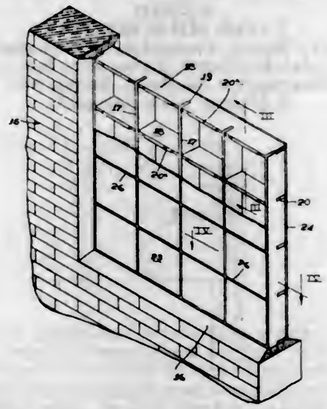
DOUBLE GLASS WALL CONSTRUCTION

George L. West, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania

Application June 11, 1937, Serial No. 147,665
8 Claims. (Cl. 72—44)

1. In combination in a glass wall, an outside frame of rectangular shape, an inside frame

mounted therein comprising a set of spaced upright strips and a set of spaced transverse strips dividing the space in the outside frame into a plurality of cells of rectangular cross section, a glass closure plate on the inner end outer side of



each cell with the opposing edges of the plates on each side of the inside frame spaced apart and engaging said strips and means separate from the strips carried thereby and fitting down into the spaces between the edges of the plates so that they do not project out past the faces thereof.

2,125,411

CLEANING COMPOSITION

Ernest D. Wilson, Larchmont, N. Y., assignor to W-B Chemical Company, New York, N. Y., a corporation of New York

No Drawing. Application August 9, 1933, Serial No. 684,395
2 Claims. (Cl. 87—5)

2. A cleaning composition consisting essentially of a gel containing substantial amounts of water of an oleylaminoethyl sulphonic acid, said gel being substantially free from water-soluble salts.

2,125,412

PROCESS FOR HYDROGENATING POLYNUCLEAR AROMATIC KETONES

Herrick R. Arnold and Crawford H. Greenewalt, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 26, 1936, Serial No. 98,074
19 Claims. (Cl. 260—154)

1. The process for the catalytic hydrogenation of the keto group of an aromatic ketone having at least three benzene rings and characterized in that the keto group is a nuclear keto group with the minimum hydrogenation of the nucleus of said aromatic ketone, which comprises catalytically hydrogenating in the liquid phase said aromatic ketone at a temperature between 120° C. and 250° C. and at a pressure between 20 and 300 atmospheres, while in contact with a chromite catalyst.

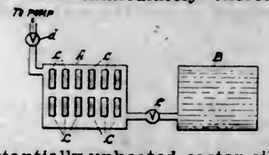
2,125,413

METHOD OF IMPREGNATING ELECTRIC CONDENSERS

William French Arnold, Mount Vernon, N. Y., assignor to Cornell-Dubilier Corporation, New York, N. Y., a corporation of New York

Application November 6, 1935, Serial No. 48,493
8 Claims. (Cl. 91—70)

1. A method of impregnating electrical condenser units comprising metallic elements interleaved with absorbent separators with castor oil, which comprises the steps of heating and evacuating the condenser units to expel air and moisture from within the interstices thereof and to raise the temperature of the units to a predetermined value, interrupting both the heating and evacuation and immediately thereafter admit-



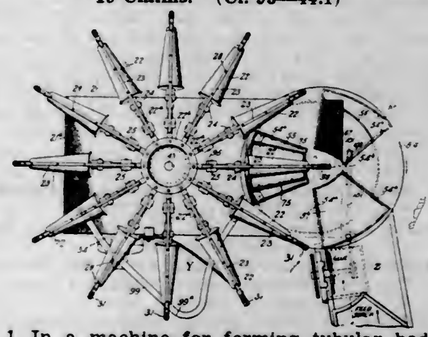
ting substantially unheated castor oil, said castor oil adapted to become heated by contact with the hot condenser units to a degree sufficient to increase its fluidity to afford penetration into the interstices of the units but insufficient to affect its insulating characteristics, and thereafter releasing the vacuum and allowing the condenser units to cool.

2,125,414

MACHINE FOR FORMING TUBULAR SHEET-MATERIAL BODIES

Charles L. Baker, Lancaster, Pa., assignor to Jet D. Sheetz, Lancaster, Pa.

Application August 24, 1937, Serial No. 160,703
19 Claims. (Cl. 93—44.1)



1. In a machine for forming tubular bodies from sheet material, including means bringing a plurality of form elements successively into a predetermined position of arrest, means feeding to said elements successively in the arrested position sheet material in a form to be formed by folding thereon, and means folding the sheet material onto the form elements while they are held in arrested position: means applying pressure to the fold of the material after the folding onto said elements and maintaining said pressure upon the fold for a substantial predetermined period after said elements have moved beyond the arrested position, the last-named means engaging lockably with the form elements in and during the entire period of applying the pressure to said fold.

2,125,415

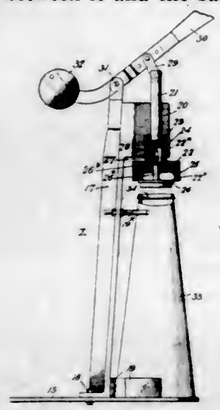
DEVICE FOR APPLYING CLOSURE MOUTHS TO BOTTLE BODIES

Charles L. Baker, Lancaster, Pa., assignor to Jet D. Sheetz, Lancaster, Pa.

Application August 24, 1937, Serial No. 160,704
9 Claims. (Cl. 93—55.1)

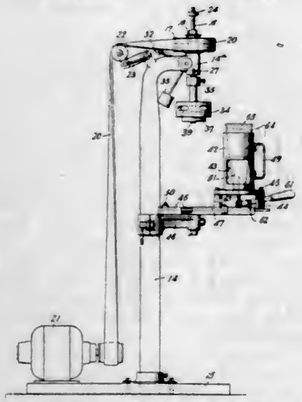
1. Means for applying an edge rim or mouth fixture to the end of a tubular body, comprising

a support in which said body is held in position for the operation thereon, a block member movable into engagement over the said end of the body having the rim to be applied placed loosely thereon, a cooperating member carried by and movable independently in said block member so as to engage a part of the rim and cause the rim to be received foldingly over the body edge with a squeeze between it and the surrounding block



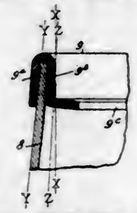
member as said block member is moved into engagement over the end of the body, and an obstructing member acting upon said cooperating member to relatively move the same so as to positively force the overfolded rim on the edge of the body out from the squeeze between it and the said block member when the block member is moved back from engagement over the end of the body.

2,125,416
DEVICE FOR APPLYING CLOSURE BOTTOMS TO TUBULAR CONTAINERS
Charles L. Baker, Lancaster, Pa., assignor to Jet D. Sheetz, Lancaster, Pa.
Application August 24, 1937, Serial No. 160,705
9 Claims. (Cl. 93—55.1)



1. A device for applying a closure to the end of a tubular body, comprising a support, a rotating element on the support movable toward and away from the end of the tubular body held thereon and adapted to affix the closure to said end by press-fold thereinto, and means providing a rigid bearing surface within and transversely across said end against which said element works in affixing the closure and eliminating the said surface when the tubular body is applied to and removed from its held position.

2,125,417
PAPER MILK BOTTLE
Charles L. Baker, Lancaster, Pa., assignor to Jet D. Sheetz, Lancaster, Pa.
Application August 24, 1937, Serial No. 160,706
2 Claims. (Cl. 229—5.5)



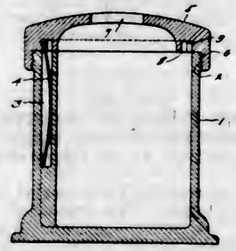
1. In a paper milk bottle, embodying a frustoconical shell body of sheet paper, a paper mouth rim on the upper end of the same comprising a ring having portions bent foldingly over the edge and secured to the body wall on outer and inner sides of the same and another portion extending inwardly circumferentially thereof in provision of a circumferential ledge within the body below its said edge, the portion of the ring of the inner side of the body being inclined to a degree correspondingly with the inclination of the wall of said body so as to be wider at the base adjacent to said another inwardly extending portion thereof than at the top, and the said ring portion inclination being attained by the force of the body wall tending to resume its normal inclination following the attachment of said ring distorting it temporarily out of normal inclination and a paper bottom closure applied in joint to the lower end of the body.

2,125,418
CONSTRUCTION OF ELECTRODES FOR CATHODE RAY TUBES AND THE LIKE
Mark Benjamin, Wembley Park, and Ronald Osmond Jenkins, Wembley, England, assignors to The General Electric Company Limited, London, England
Application August 25, 1937, Serial No. 160,756
In Great Britain September 4, 1936
7 Claims. (Cl. 250—27.5)



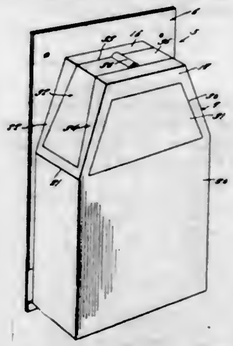
1. In a cathode ray tube or the like, an electron discharge device comprising a modulator electrode having a disc portion with a central opening and a cylindrical hollow portion concentric with said opening, a flat washer of insulating material within the modulator electrode and having one face thereof in contact with said disc portion and its peripheral edge closely fitting the interior of said cylindrical hollow portion, said washer having a circular opening in axial alignment with but of smaller diameter than the opening in said disc portion for holding the cathode centrally of the latter opening, an indirectly heated cathode having a cylindrical body portion closely fitting the hole in said washer and having a circular end surface coated with an active material and a shoulder on the cathode cooperating with one face of said washer for positioning the activated end surface of the cathode within and in precise relation to the hole in said disc portion of the modulator electrode.

2,125,419
RECEPTACLE
Harold W. Birk, East Hartford, Conn.
Application January 14, 1936, Serial No. 59,033
Renewed February 2, 1938
7 Claims. (Cl. 206—1.5)



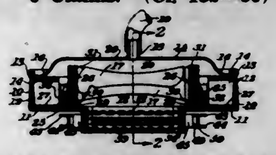
3. A portable receptacle, a closure detachably secured over an opening to said receptacle, and thermo-responsive means attached to one member and engaged with locking means on the other member, said thermo-responsive means under normal temperatures, preventing the removal of the closure and when subjected to abnormal temperatures, flexing and disengaging from said locking means and permitting the closure to be detached from the receptacle.

2,125,420
PAPER TOWEL RECEPTACLE
Henry A. Bisson, Berlin, N. H.
Application July 22, 1936, Serial No. 92,005
6 Claims. (Cl. 220—18)



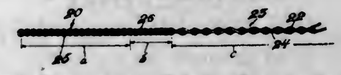
1. A receptacle for waste paper towels and the like, said receptacle comprising a vertical base for attachment to a wall or the like, a forwardly extending bracket on an upper part of said base, transversely spaced elements on a lower part of said base, a container having an open back and an openable screen closing the lower part of said open back, a hinge bracket on an upper part of said container swingably engaging said forwardly extending bracket, whereby the lower part of said container is swingable away from said base into an emptying position, the lower part of said container having opening means at its opposite sides engageable by said bayonet elements in the normal position of said container in a manner to hold said container in said normal position.

2,125,421
APPARATUS FOR WAVING HAIR
William H. Bleuel, Pittsburgh, Pa.
Application January 18, 1937, Serial No. 121,112
6 Claims. (Cl. 132—36)



1. In means for sealing a strand of hair which comprises a sealing neck disposed longitudinally of a scalp protector, a throat in said neck through which a strand of hair may be passed, alternate grooves and lands in parallelism with said throat on the outer surface of said neck for distributing the clamping pressure on the strand of hair passing through said neck.

2,125,422
FABRIC FOR CURTAINS OR THE LIKE
Roswell I. Bosworth, Cranston, R. I., assignor to Guyan Mills, Inc., a corporation of Rhode Island
Application November 23, 1937, Serial No. 176,053
2 Claims. (Cl. 139—383)



1. A window curtain fabric of a single thickness comprising substantially parallel warp and weft threads extending generally at right angles to each other, the parallel threads along one marginal edge being more closely arranged than in the main body thereof, and a group of even more closely arranged threads between said marginal edge and the body of the fabric whereby to simulate a folded and hemmed edge.

2,125,423
KNOTTER
Thomas Charles Bromley and Guy Storr Helliwell, Leicester, England
Application June 21, 1937, Serial No. 149,412
10 Claims. (Cl. 289—3)

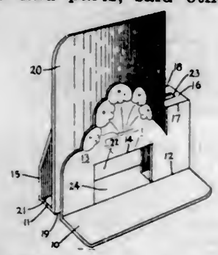


1. In a knotter, a supporting block, side plates secured thereto, a thread guiding and positioning lever pivoted to each side plate adjacent the front end thereof and a second thread positioning and guiding lever pivoted to each of said first levers and movable in a direction opposite thereto, actuating means pivoted in said block and pivoted to each of said second levers, and an operating lever pivoted to said block and having a cam formed therein for actuating and controlling said lever actuating means.

2,125,424
NOVELTY
Claude Carey Cloud, Chicago, Ill.
Application June 19, 1936, Serial No. 86,136
5 Claims. (Cl. 40—126)

1. A paper novelty or the like of predetermined configuration made from a blank having

fold lines extended thereacross in substantially parallel relation and defining the parts of the novelty and along which said blank may be folded to provide the novelty, one of said parts being an intermediate part connected along fold lines to other of said parts, said other parts being



folded on said fold lines on the same side of said intermediate part to thereby provide the predetermined configuration of the novelty or the like, at least one of said parts having a slot in the body thereof through which one of said other parts is bodily extended to retain the novelty or the like in its predetermined configuration.

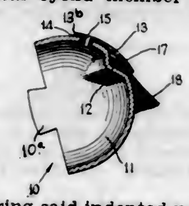
2,125,425
WEAVING HEDDLE
Paul Dathe, Hartha, Germany
Application July 3, 1936, Serial No. 88,585
In Germany July 5, 1935
1 Claim. (Cl. 139—95)



A weaving heddle formed of a plurality of wires and having a main portion and an end loop portion, said wires being twisted together throughout the main portion and the end loop portion, and the wire ends being twisted about the main portion to close the loop.

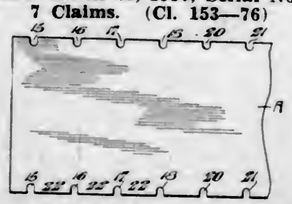
2,125,426
DOLL'S EYE
Matteo De Cesare, Newark, N. J., assignor to Karl Ohlbaum & Son, Inc., New York, N. Y., a corporation of New York
Application May 5, 1934, Serial No. 724,052
2 Claims. (Cl. 46—166)

1. A doll's eye comprising a substantially semi-spherical shell having the representation of an iris on the outer surface thereof, said shell being indented above said iris, an eyelash member comprising an elongated strip to which there are attached a plurality of hairs, said strip being received within the recess formed by the indented portion, and attached therein by adhesive, and a part spherical eyelid member fitted on said



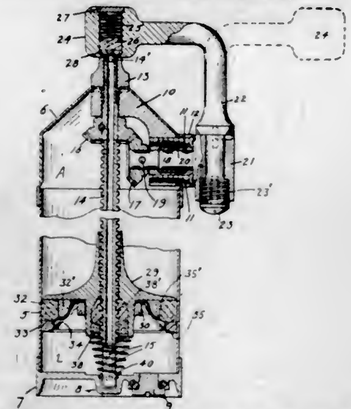
shell and covering said indented portion and said strip, and an eyelet attaching said eyelid member to said shell.

2,125,427
METHOD OF FORMING CORRUGATIONS
Carl de Ganahl, Bristol, Pa., assignor to Fleetwings, Inc., Bristol, Pa., a corporation of Delaware
Application March 25, 1937, Serial No. 132,916
7 Claims. (Cl. 153—76)



1. The method of forming parallel corrugations in a sheet of metal which comprises forming registering pairs of guide means on opposite sides of a sheet with each pair in predetermined laterally spaced relation to adjacent pairs, in using a pair of guide means to hold the sheet against movement while forming side walls of corrugations of the metal between the lines extending between pairs of guide means, then of using a pair of guide means to hold the sheet against movement while forming a corrugation apex between the pre-formed side wall areas.

2,125,428
SPRAYING DEVICE
Edward F. Delfoe, Brooklyn, N. Y.
Application March 20, 1936, Serial No. 69,782
3 Claims. (Cl. 299—93)



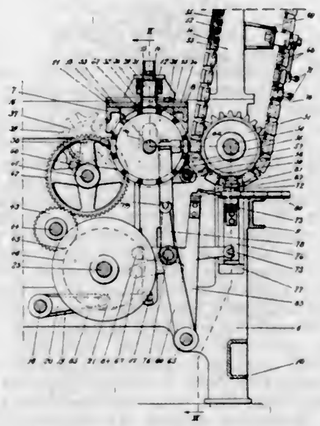
2. A spraying and ejecting device including a cylinder having a base at one end, a cap at the other end, a main shaft held in position by said

cap, a piston on said shaft having a screw-threaded hub provided with a cap and a pair of abutting plates spaced therefrom, packing material in said space upon which said plates exert a pressure to force it against the cylinder wall to provide a liquid-proof and air-proof closure, a nozzle at one end of the shaft for directing the flow of fluid in a predetermined form of spray-stream, a crank arranged to rotate the main shaft, and including a crank arm always perpendicular to the crank shaft, and a member rotatable about the crank arm as an axis and arranged to serve in one position as a seal for the nozzle and in another as a handle for said crank.

2,125,429
TREATMENT OF WELLS
Frank A. Denker, Hobbs, N. Mex., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 28, 1936, Serial No. 98,335
4 Claims. (Cl. 166—21)

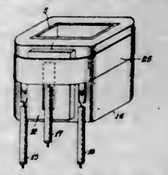
1. In a method of treating an oil well in a calcareous formation with aqueous hydrochloric acid, the step which consists in introducing the acid into the well and thence into the formation in the presence of a relatively small proportion of an agent selected from the group consisting of phenol, cresols, and xylenols.

2,125,430
METHOD OF AND MACHINE FOR MANUFACTURING BOXES
Paul Wilhelm Dietmann, Jonkoping, Sweden, assignor to Aktiebolaget Siefvert & Fornander, Kalmar, Sweden
Application May 7, 1936, Serial No. 78,496
In Sweden May 9, 1935
16 Claims. (Cl. 93—44)



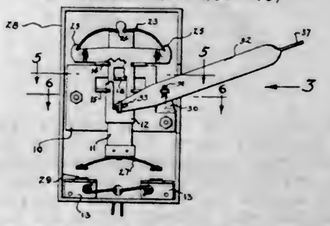
1. A method of making open boxes from corner-cut blanks having side-portions and extensions integral with some of said portions, comprising the steps of forming a blank into tray-shape by folding up the side-portions thereof, turning inwardly the upstanding extensions, folding down said extensions by sliding the box on to a holder corresponding in shape to the interior of the box, and pressing the two-fold side-walls thus produced against the box supporting holder.

2,125,431
MAGNETIC COIL STRUCTURE
Nathan Dinion, Easton, Pa., assignor to Magnetic Windings Company, Easton, Pa., a corporation of Pennsylvania
Application February 7, 1936, Serial No. 62,790
2 Claims. (Cl. 175—21)



1. A magnet coil structure comprising a coil having a plurality of terminal leads extending from the periphery of said coil in parallel relation to one another and in the same plane, a spacing element of flat insulating sheet material arranged in contact with the periphery of said coil, said sheet material having a thickness substantially equal to the diameter of the terminal leads and being in the form of a body portion from which extend parallel fingers which enter the spaces between the terminal leads, and means for holding said spacing element in position on the periphery of said coil.

2,125,432
SPRING SWITCH WITH HANDLE
Stanley R. Du Brie, Detroit, Mich.
Application December 2, 1936, Serial No. 113,790
4 Claims. (Cl. 200—76)

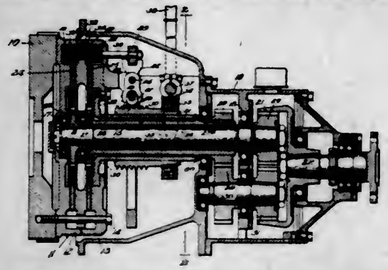


4. In a switch, a sheet metal base plate having four tongues bent therefrom and arranged with pairs of facing edges, each having two notches therein, a sliding plate between the tongues having its edges in four notches of the four tongues, a second sliding plate between the tongue and alined with the first sliding plate and also having its edges in four notches of the four tongues, the two sliding plates having registering slots, a tongue in said slots forming a bearing and stop for the sliding plates, a tongue bent up from the second sliding plate, a handle having a slotted end receiving the latter tongue and thus pivotally connected to the second sliding plate, and a tongue bent up from the base plate, the handle having a slot receiving the latter tongue and thus pivotally mounted on the base plate, the second sliding plate having laterally extending arms, and leaf springs connecting such arms to the end of the first sliding plate.

2,125,433
CLUTCH MECHANISM
Henry J. Dunkelow, Racine, Wis., assignor to Twin Disc Clutch Company, Racine, Wis., a corporation of Wisconsin
Application August 22, 1936, Serial No. 97,308
17 Claims. (Cl. 192—48)

1. In clutch mechanism, the combination of clutch devices connected to separate rotary parts,

a clamping member connected to one of the devices and shiftable to drivably connect both devices, separate loading spring means contacting opposite sides of the member and acting against



each other to hold the member in a neutral position, and means for disabling one of the spring means without affecting the other spring means said other spring means then shifting the member to driving position.

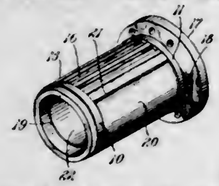
2,125,434

METHOD OF MAKING HONED GUIDES

Emanuel S. Eplett, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application January 5, 1937, Serial No. 119,107

4 Claims. (Cl. 29—156.4)



1. The method of forming cylindrical-guide-surface-providing parts which have opening-traversed, bored and honed guide surfaces, which includes, between the boring and honing of said parts the step of nearly severing from the adjacent material, any portions which are to be removed to provide openings.

2,125,435

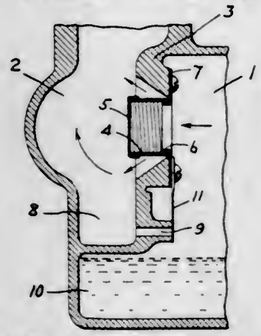
REMOVING OIL FROM FLOWING AIR STREAMS

Sven Johan Erling, Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application September 17, 1936, Serial No. 101,202

In Sweden November 5, 1935

9 Claims. (Cl. 183—44)



1. Means for removing oil particles from a stream of air flowing through a passage from a source of higher pressure to a source of lower pressure comprising a wall having an opening forming a part of said passage, a spiral spring with one open end and one closed end, the open end being secured in said opening and the spring being otherwise unsupported, said spring extending from said wall toward the region of lower pressure and being so wound that under balanced pressure its adjacent turns aproximately touch one another and substantially close said passage but which, during maintenance of said differential air pressures, is adapted to be thereby expanded to afford between said turns slots of a width sufficient to allow flow of air therethrough but so narrow as to arrest and precipitate oil particles.

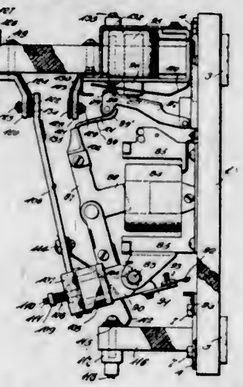
2,125,436

HIGH FREQUENCY ELECTRICAL SWITCH AND ELECTROMAGNETIC ACTUATING MEANS THEREFOR

Joseph F. Frese, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a corporation of Maryland

Original application August 5, 1933, Serial No. 683,861, now Patent No. 2,080,861, dated May 18, 1937. Divided and this application August 1, 1936, Serial No. 93,812

4 Claims. (Cl. 200—98)



4. A high frequency switch comprising a fixed contact mounted on a dielectric standard, a pivotally mounted dielectric support extending parallel with its axis of support, a switch arm mounted on said support and extending normal thereto and adapted to coact with said fixed contact, self-locking electromagnetic actuating means for said switch including an armature connected with said dielectric support at a substantial distance from said switch arm, a fixed extension on said armature disposed normal thereto and having a shoulder portion in the plane of said armature, pivotally mounted latching means engageable with said shoulder portion, auxiliary actuating means connected with said latching means and operable to release the latching means from engagement with said shoulder portion, a resilient strip member disposed intermediate said auxiliary actuating means and said latching means, coacting contacts on said strip member and said latching means, a stop engageable by said strip member with the latching means in operative position, and means on said extension engageable with said latching means for maintaining said contacts engaged and for limiting the movement of the armature in unlatched position.

2,125,437

PRICE TAG

Edmund J. Geary, Detroit, Mich.

Application April 26, 1938, Serial No. 204,384

6 Claims. (Cl. 40—5)



2. In combination, a price tag formed of a sheet of opaque Celluloid or the like, a pair of spaced sign character retaining strips secured on each side of the said price tag having pockets formed therein adapted to retain tabbed interchangeable sign characters of contrasting color flat against the sides of the said price tag, and an inverted U-shaped double faced caption strip telescoped over the said price tag, the lower open edges of the said caption strip being turned inwardly and spaced slightly less than the thickness of the said price tag whereby to cause the said caption strip to frictionally engage the said price tag when telescoped thereover.

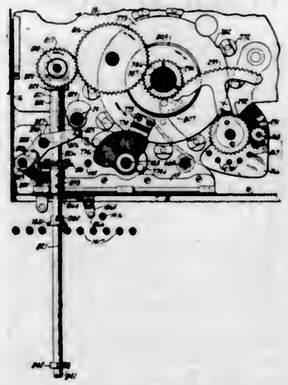
2,125,438

CASH REGISTER

Charles W. Green, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Original application March 27, 1931, Serial No. 525,630. Divided and this application April 24, 1936, Serial No. 76,126

18 Claims. (Cl. 235—22)



1. In a machine of the class described, the combination of a plurality of cash drawers; a plurality of keys; a differentially movable actuator common to all of said keys and controlled as to the extent of movement by said keys; a plurality of latches, one for each drawer; drawer selecting means including a differentially movable member carrying a series of projections, one for each of said latches; means to operate the selecting means by the actuator to position the member to select a drawer for operation; a movable totalizer reel; means for moving the reel; a series of printing totalizers mounted in said reel, one for each cash drawer, the total standing on each of said totalizers representing the cash contained in its related cash drawer; means to operate the selecting means by the reel moving means so that upon movement of said reel to select a totalizer for a printing operation, said differentially movable member will also be adjusted a corresponding amount to select a drawer corresponding to the selected totalizer; and a control means for selectively controlling the operation of the selecting means by the differentially movable actuator or by the reel moving means.

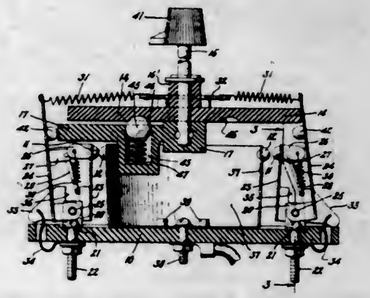
2,125,439

ELECTRIC SWITCH

Carl G. Gross, Mount Vernon, N. Y., assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y., a corporation of Delaware

Application October 15, 1935, Serial No. 45,017

2 Claims. (Cl. 200—6)



1. A switching device including in combination a plurality of switches arranged in arcuate relation, each switch including a pair of contacts, one movable and one stationary, said movable contact being mounted on a pivoted arm actuated by snap mechanism, a cam rotatably mounted to move in a path concentric with the switches for selectively actuating the snap mechanism in one direction, a plurality of interconnected springs interconnecting said snap mechanism for actuating the snap mechanism in the other direction and a cylindrical cup concentric with the cam on which the stationary contacts are mounted and by which they are interconnected.

2,125,440

ILLUMINATING FIXTURE

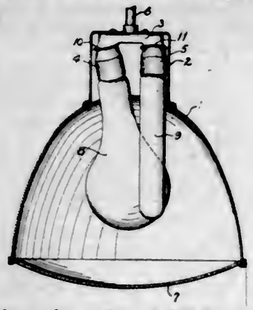
Edwin F. Guth, Webster Groves, Mo.

Application January 27, 1936, Serial No. 60,944

1 Claim. (Cl. 240—78)

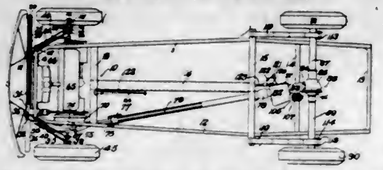
In an illuminating fixture, a mercury vapor lamp of approximately tubular shape, and an incandescent filament lamp of approximately pear-shape, and means supporting said two lamps in such manner that they are closely juxtaposed, the axes of the two lamps being in diagonal relationship, the tubular mercury vapor lamp occupying a position extending across the tapered

throat of the pear-shaped incandescent filament lamp, the axis of the mercury vapor lamp being



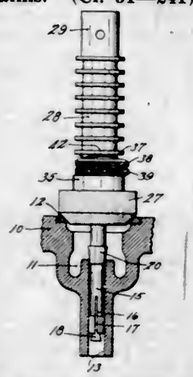
not more than the order of 10° from true vertical in any plane.

2,125,441
AUTOMOBILE CONSTRUCTION
Jules Haltenberger, Ann Arbor, Mich.
Application April 16, 1934, Serial No. 720,746
12 Claims. (Cl. 180—54)



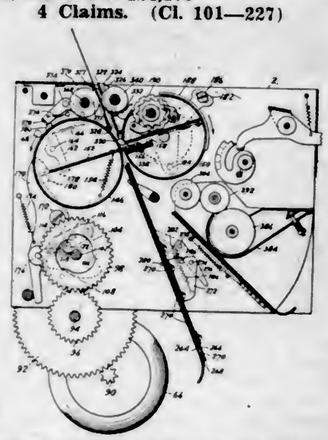
1. In an automobile, front wheels, a multi-cylinder powerplant disposed to be cut by a vertical plane containing the wheel centers, and with its crankshaft parallel to said plane, a body dash-board disposed less than one-half the powerplant length from said plane, bevel gears operatively connected at one end of said powerplant, a rear axle, and a universally jointed drive shaft disposed diagonally of said automobile to connect said axle and bevel gears.

2,125,442
VALVE REGRINDING DEVICE
Francis P. Healy, Springfield, Mass., assignor to Van Norman Machine Tool Company, Springfield, Mass., a corporation of Massachusetts
Application December 23, 1936, Serial No. 117,377
2 Claims. (Cl. 51—241)



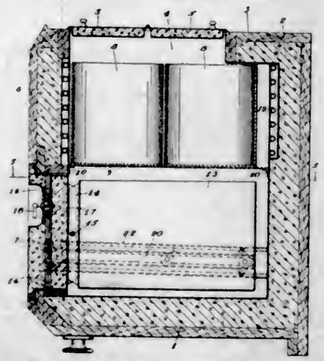
1. In a driving arbor for valve seat grinding wheels, a pair of disks rotatably and eccentrically mounted on the arbor, a plurality of openings formed in one of the disks, a pin carried by the other disk and adapted to be selectively engaged in said openings to compel said disks to rotate as a unit, one of said openings being so positioned that when the pin is engaged therein, the eccentric weights of the disks balance each other on opposite sides of the arbor.

2,125,443
TICKET ISSUING MACHINE
Reuben H. Heisel, Long Island City, N. Y., assignor to General Register Corporation, New York, N. Y., a corporation of Pennsylvania
Original application April 10, 1933, Serial No. 665,386. Divided and this application February 5, 1937, Serial No. 124,176
4 Claims. (Cl. 101—227)



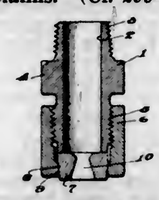
1. A ticket issuing machine including means for printing a ticket strip, said means including a rotary printing member, a knife mounted for radial movement upon the member, and means for radially moving the knife to sever the strip.

2,125,444
COOLING CABINET
Frederick W. Holderle and Carl L. Holderle, Rochester, N. Y.
Application September 9, 1937, Serial No. 163,070
4 Claims. (Cl. 312—168)



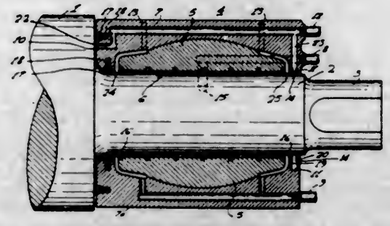
1. A cooling cabinet for ice cream and the like including a chamber having front and top walls, the top wall having a vertical opening permitting access to the lower part of said chamber by a vertical movement from the top, and the front wall having an opening opposite the lower portion of the chamber permitting access to said lower portion of the chamber from the front, a movable cover for said vertical opening in the top wall, a floor portion removably positioned above the lower portion of the chamber whereby an ice cream container may be supported on said floor portion in the upper part of the chamber or a deeper ice cream container may be inserted through said vertical opening in the top wall and supported on the bottom of the chamber when the floor portion is removed, supporting means for said floor portion, and a movable cover for said opening in the front wall.

2,125,445
SPRAY NOZZLE
Joseph E. Holveck, Crafton, Pa., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a corporation of Virginia
Application February 5, 1937, Serial No. 124,214
3 Claims. (Cl. 299—153)



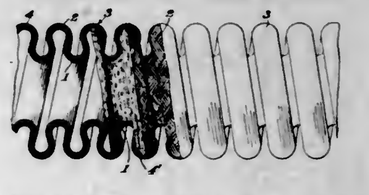
1. In a spray nozzle, a nozzle disc for delivering a fan-like spray of fluid having a fluid passage therethrough, substantially circular in cross-sectional shape at its entrance and gradually decreasing in cross-sectional area for a predetermined portion of its length, said decreasing of cross-sectional area being greater on one diameter of the opening whereby the circular fluid passage will gradually merge into a substantially oval passage of reduced cross-sectional area, said fluid passage gradually increasing in one cross-sectional dimension and decreasing in another cross-sectional dimension outwardly from the minimum area of the gradually decreasing portion thereof, said increasing dimensions lying in the same plane.

2,125,446
BEARING
William T. Hurtt, Wilkinsburg, Pa.
Application October 1, 1936, Serial No. 103,551
2 Claims. (Cl. 308—36.2)



1. The combination with a rotatable member and a lubricated bearing therefor having a cavity therein next to a surface of said member, of retainers contacting said member to form the ends of said cavity, and means for introducing gaseous fluid under pressure into said cavity, said retainers permitting a minimum of leakage of fluid along said member from said cavity.

2,125,447
FLEXIBLE CORRUGATED METAL TUBING
Franz Jacobson, Brooklyn, N. Y.
Application September 10, 1936, Serial No. 100,105
4 Claims. (Cl. 138—50)



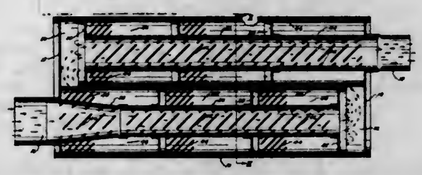
1. A flexible metallic tubing or hose including, in combination, a plurality of corrugated flexible metallic tubes positioned one within the other and an intermediate tube or ply formed of metallic braid and fitting between two of said flexible corrugated metallic tubes and being similarly corrugated.

2,125,448
FUEL
Joseph W. Johnson, Salem, Hugo Van Roosen, Newton Center, Alexis E. Ushakoff, Beverly, and John J. Brophy, Salem, Mass.
No Drawing. Application December 21, 1935, Serial No. 55,562
1 Claim. (Cl. 44—9)

A substantially clear liquid fuel of stable character obtained by mixing the following substances in substantially the stated proportions:

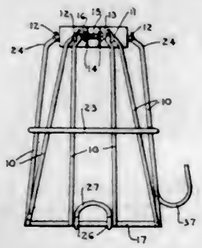
	cc.
Triethanolamine	18
Oleic acid	58
Butyl cellosolve	20
Secondary hexyl alcohol	25
Water	75
Gasoline	750

2,125,449
MUFFLER
George A. Kingsley, Jackson, Mich.; Ruth Riethmiller, administratrix of said George A. Kingsley, deceased, assignor to Hayes Industries, Inc., Jackson, Mich., a corporation of Michigan
Application April 5, 1935, Serial No. 14,850
8 Claims. (Cl. 181—54)



1. A muffler comprising a casing having inlet and discharge openings at opposite ends thereof, an inlet conduit for conducting gases from one end of said casing and discharging the same into the interior of the casing at the opposite end thereof, a second conduit for conducting gases from the interior of said casing at the inlet end of the same to said discharge opening, and means restricting the flow of gas adjacent the inlet end, said first conduit having means for short circuiting a portion of the gas flow therethrough into the interior of said casing adjacent the inlet end.

2,125,450
LAMP GUARD
James P. Knowles, Kansas City, Mo., assignor to Mary Juanita Coe, Kansas City, Mo.
Application December 7, 1936, Serial No. 114,603
3 Claims. (Cl. 240—102)



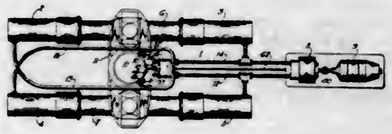
3. In a lamp guard, a cage-like wire body portion comprising a plurality of longitudinally extending members connected at one end with a clamping ring and at the other end thereof with a rectangular frame, whereby the opposite sides of said frame are adapted to be sprung toward each other between their ends out of straight line position, and having an intermediate substantially circular connecting ring, said rectangular frame providing a rectangular open end on said body portion, and a guard member swingable into and out of position across said opening, said guard member comprising a pair of spaced arms hinged at one end at spaced points on one side of said rectangular frame and having a wide hook portion at its other end comprising a gradually curved inclined connecting portion adapted to engage the opposite side of said frame to cam the same inwardly and oppositely curved spaced holding portions at opposite ends of said connecting portion interlocking with said side of said frame at spaced points to hold said guard means in opening-spanning position.

2,125,451
BREECHETTE
Simon A. Kolliner, Stillwater, Minn., assignor to Kolliner St. Croix Garment Company, Stillwater, Minn., a corporation of Minnesota
Application March 27, 1936, Serial No. 71,304
4 Claims. (Cl. 36—2)



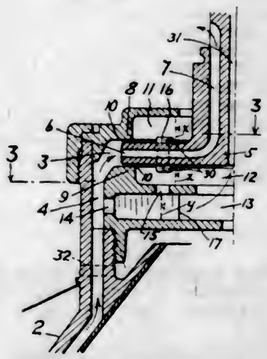
1. A breechette including a tubular body portion open only at each end and freely spaced from the leg a substantial amount made of flexible relatively non-stretching material for warmth, said body comprising a pair of normally flat pieces of material sewed together along opposed edges, band-like elastic webbing at the top of said body portion, and a knitted cuff at the bottom thereof adapted to fit the ankle of the wearer.

2,125,452
HYDRAULIC MOTOR
Robert C. Lamond, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 10, 1934, Serial No. 714,923
14 Claims. (Cl. 60—52)



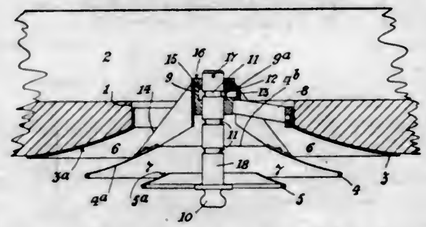
1. In a device of the class described, the combination with a fluid motor, of a pump for actuating said motor, said motor comprising a pair of aligned cylinders and a ram operative in said cylinders, a rudder stock operatively connected to said ram, normally inoperative bypass means connecting said cylinders, and means provided on said rudder stock for actuating said by-pass means to render the latter operative when said rudder stock approaches its limit of travel in either direction.

2,125,453
ANTIFROTH DISCHARGING MEANS FOR CENTRIFUGAL SEPARATORS
Hans Olof Lindgren, Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application March 12, 1935, Serial No. 10,633
In Sweden June 30, 1934
11 Claims. (Cl. 233—22)



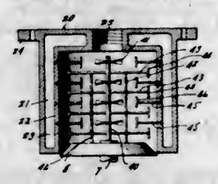
4. A centrifugal separating machine comprising a centrifugal bowl, a stationary skimming device, an enclosure for the skimming device, said enclosure being revoluble with the bowl and the peripheral part of which is adapted to receive separated liquid, the skimming device being disc-shaped and having a peripheral inlet adapted to penetrate the body of separated liquid in the enclosure, said enclosure being contracted adjacent the entire peripheral part of the skimming device to an extent sufficient, in operation, to generate and maintain adjacent the peripheral part of the skimming device, and outside the inner level of liquid in the enclosure, an inwardly directed flow of liquid sufficiently strong to prevent air from being conducted from the inner surface of the liquid to the peripheral inlet of the skimming device.

2,125,454
VENTILATOR
John Marshall, Pollokshaws, Glasgow, Scotland
Application December 4, 1936, Serial No. 114,123
In Great Britain March 17, 1936
4 Claims. (Cl. 98—41)



1. A ventilator comprising a fixed flared member, an intermediate apertured baffle member, an outer baffle member, means for movably connecting said apertured baffle member and said outer baffle member to the flared member so as to be relatively movable to each other and to the flared member, and means for holding said members in predetermined relative positions including closed, fully open and at least one intermediate position, the outer member being adapted to engage the apertured member and to move together with same during the final part of the closing movement.

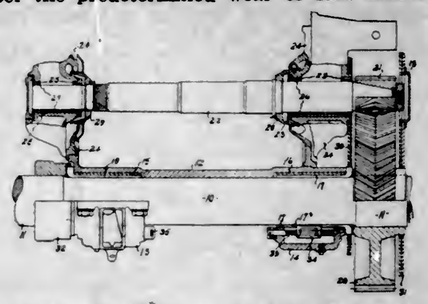
2,125,455
MIXING DEVICE FOR PREPARING MIXTURES SUCH AS MAYONNAISE AND SALAD DRESSING
William A. McLean, Geneva, N. Y., assignor to Geneva Processes, Inc., Geneva, N. Y., a corporation of New York
Application March 31, 1936, Serial No. 71,932
7 Claims. (Cl. 259—9)



1. In a mixing and emulsifying mill, a rotor, a premixing chamber above the rotor, there being left an aperture between the rotor and the bottom of the premixing chamber for the mixture to pass, a centrally located rod on the rotor, propeller vanes on the rod, arms in part supported by the rod and extending substantially at right angles to the rod, and a plurality of additional supports for the arms mounted on the upper surface of the rotor.

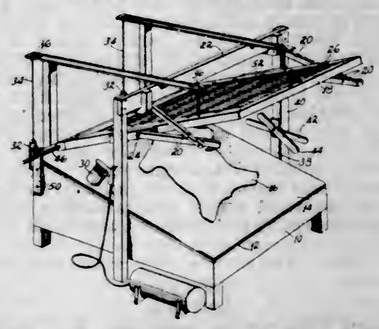
2,125,456
VEHICLE MOTOR DRIVE EMPLOYING HERRINGBONE GEARS
John S. McWhirter, Southport, Conn.
Application March 21, 1936, Serial No. 70,052
4 Claims. (Cl. 74—413)

1. In an apparatus of the type described, the combination including a vehicle axle, a motor housing journalled on said axle, thrust collars on said axle, thrust bearings lying between said collars and housing, the said bearings being fixed to said housing and designed for a predetermined wear, an armature shaft journalled in said housing, the said shaft being provided with end play in excess of the axial movement of said housing after the predetermined wear of said bearings,



and a herring-bone gear train interconnecting said axle and shaft.

2,125,457
ART OF DECORATING SHEET MATERIAL
Matthew M. Merritt, Middleton, Mass., assignor to The Tanning Process Company, Boston, Mass., a corporation of Massachusetts
Application November 22, 1935, Serial No. 51,112
10 Claims. (Cl. 101—129)

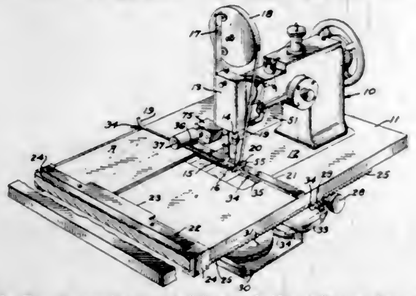


1. That improvement in methods of ornamenting the surface of sheet material which comprises applying to the said surface stripes of the same or of different colors disposed in parallel overlapping relation to each other in such manner as to leave a stripe of the ground color of the surface showing between groups of the applied stripes, thereby providing also a third color stripe in the overlapping portions of two applied color stripes, and then applying a pattern of similarly arranged parallel stripes at an angle to the first group of stripes whereby there is produced a pattern in quadrilateral figures.

2,125,458
METHOD OF BRIGHT-PICKLING ARTICLES OF COPPER-ZINC ALLOYS
Friedrich Ostermann, Menden, Germany, assignor to Georg von Giesche's Erben, Breslau, Germany, a corporation of Germany
No Drawing. Application September 28, 1937, Serial No. 166,093. In Germany September 30, 1936
4 Claims. (Cl. 148—8)

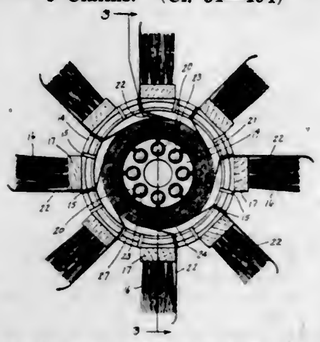
1. The method of bright-pickling products of copper-zinc alloys, comprising first pickling the products in an aqueous solution of chromic acid and hydrochloric acid, rinsing the products, and then pickling them in an aqueous solution of chromic acid only.

2,125,459
BOOK SEWING MACHINE
Joseph Edward Pitts, Oakland, and Edgar Allan Gould, San Bruno, Calif.
Application February 17, 1936, Serial No. 64,206
4 Claims. (Cl. 112—21)



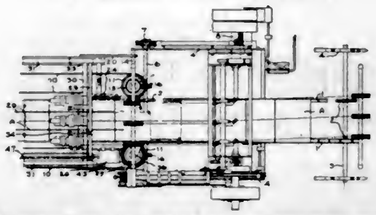
1. In a sewing machine of the character described, the combination of a work supporting table having an overhanging presser foot and needle beneath which the edge of a book section to be stitched may pass, a guide upon said work supporting table adjacent said presser foot for guiding the book section over said table with one edge beneath said presser foot and needle, a second guide means extending across the work supporting table in spaced parallel relation with said first guide adapted to engage the opposite edge of the book section and hold the stitched edge of the book section against said first guide as the stitching proceeds, a rack secured to each end of said second guide and extending toward said first guide, and a manually rotatable shaft extending parallel to said first guide having gears engaging said racks, whereby said second guide may be adjusted while maintaining a parallel relation between said guides by a rotation of said shaft.

2,125,460
SANDER
Matthew Plengemeier, Louisville, Ky., assignor to Adler Manufacturing Company, Louisville, Ky., a corporation
Application April 12, 1937, Serial No. 136,286
9 Claims. (Cl. 51—194)



1. A sander unit comprising a cylindrical head, a plurality of brush blocks rigidly secured in spaced relation to the exterior surface of said head so as to extend longitudinally thereof and radially therefrom in parallel spaced relation, and short flexible bristles extending radially outwardly from said head a substantial distance beyond the surface thereof and secured thereto by said blocks.

2,125,461
MACHINE FOR MAKING WIRED BOX PARTS
Alfred L. Rosenmund, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware
Application October 2, 1935, Serial No. 43,151
Renewed December 29, 1937
47 Claims. (Cl. 140—93)

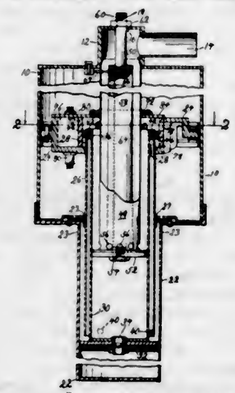


1. A machine for making box parts comprising, in combination, staple forming and driving mechanism to staple binding wire to a succession of box parts, means to sever the binding wire between box parts, means to bend each severed wire to form a bight thereon, means to drive the end of each severed wire into its box part to perpetuate the bight, means to feed the box parts through the machine, means to control the operation of the stapling mechanism in accordance with the passage of the box parts through the machine, and means to move said mechanisms with the work during the respective operations of said mechanisms.

2,125,462
DETONATOR, FOR EXAMPLE, BLASTING DETONATOR
Leon Rubenstein, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application February 9, 1937, Serial No. 124,928. In Great Britain February 14, 1936
7 Claims. (Cl. 102—10)

1. A blasting cap wherein the base charge comprises guanyl azide picrate.

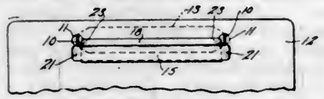
2,125,463
VACUUM MOTOR FOR OPERATING A PUMP
John J. Ryan, Chicago, Ill.
Application August 26, 1936, Serial No. 97,939
8 Claims. (Cl. 121—123)



1. In a vacuum operated pump, a reciprocating motor having a recessed piston, said piston being

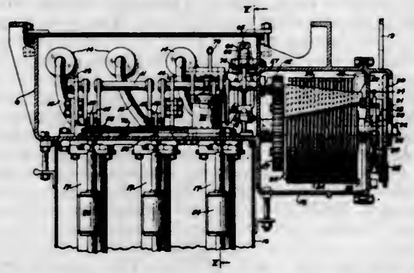
provided with a plurality of spaced passageways, opening into said recess, said passageways alternately leading to the top and to the bottom of said piston, an annular valve having a plurality of spaced ports therein positioned within said recess, and means for rotating said annular valve to cause the ports therein to move into and out of registry with the spaced passageways in said recessed piston.

2,125,464
PAPER FASTENER
John Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application September 15, 1933, Serial No. 689,617
15 Claims. (Cl. 24—153)



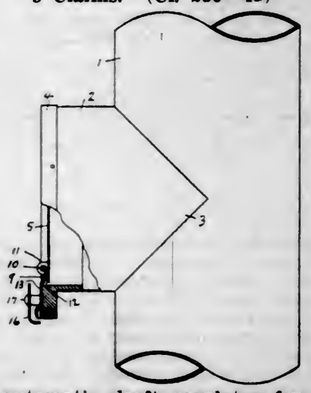
1. In a paper fastener of the type adapted for use with spaced prongs passing through a paper stack, a keeper plate extending longitudinally between the prongs and formed with walls spaced apart to provide between them a prong receiving channel open at one side, said keeper being adapted to be pushed laterally onto the folded down prongs to retain them in folded condition, and having its lower wall extending laterally beyond its upper wall to provide a form for binding down the prongs, the upper wall having its longitudinal edge adjacent the extended portion of the lower wall bent downwardly to form a constricted entrance to the channel facilitating the retention of the prongs therein and avoiding the presence of a blunt paper-engaging edge on that side of the upper wall.

2,125,465
AUTOMATIC RECLOSING CIRCUIT BREAKER
August C. Schwager and Paul Frehner, San Francisco, Calif., assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif., a corporation of California
Application May 18, 1936, Serial No. 80,327
12 Claims. (Cl. 200—89)



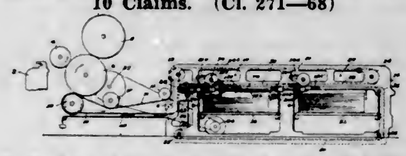
1. In an automatic reclosing circuit breaker, the combination of a pair of spaced stationary contacts having a movable bridging conductor forming a circuit therebetween, a mechanical operating means adapted to move said contact bridging conductor with respect to said contacts, an energy storing spring adapted to impart operative energy for a succession of operations of said mechanical operating means, stop means for preventing the transmission of energy from said spring to said operating means, overload current responsive means adapted to render said stop means inoperative upon a sustained overload and permit said operating means to operate and move said contact bridging member from its contact bridging position to a full open circuit position and back to its initial contact bridging position a plurality of times, whereby a series of circuit opening and reclosing operations of the contact bridging member will result, and time delay means cooperating with said mechanical operating means adapted to produce a time delay in all but the first reclosing operation of the contact bridging member.

2,125,466
DRAFT REGULATOR AND RELIEF DOOR
Lewis L. Scott, St. Louis, Mo.
Application December 24, 1936, Serial No. 117,511
5 Claims. (Cl. 236—45)



5. An automatic draft regulator for heating plants provided with a casing connected to the flue of the heating plant, and having an opening through which air may flow into said flue, a swinging valve arranged in said opening to permit air to flow into the flue and automatically regulate the draft through the heating plant, a frame around said valve which carries pivot bearings for said valve, a pair of cooperating abutment members comprising a hinged member on the valve and a top in the frame, one of said members being yielding so as to limit the closed position of said valve under normal conditions but to permit the valve to move into a reverse open position when abnormal pressure is applied to the inside of the valve, and the hinged member arranged to ride over said stop when the valve moves from reverse open position to normal draft regulating position with substantially no resistance to said movement.

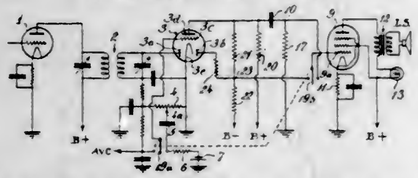
2,125,467
PRINTING PRESS SHEET DELIVERY MECHANISM
James A. Sinclair, Rollinsford, N. H., assignor to U. P. M.-Kidder Press Co., Inc., Dover, N. H., a corporation of Delaware
Application May 6, 1936, Serial No. 78,151
10 Claims. (Cl. 271—68)



1. A sheet delivery mechanism having two receiving pockets in series, a device for advancing

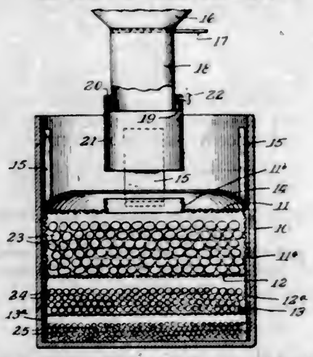
a stream of sheets in a plane above said pockets, a set of tail-edge grippers at each pocket normally operating synchronously to close upon and deposit a sheet in each pocket once each cycle, mechanism for delaying the closing operation of the tail-edge grippers at the first pocket with relation to the closing operation of the tail-edge grippers at the second pocket, and selective hand controls for said mechanism for causing said delayed operation to occur at each cycle or at every other cycle.

2,125,468
RADIO TUNING INDICATOR
Dwight V. Sinninger, Chicago, Ill., assignor to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application June 17, 1937, Serial No. 148,669
5 Claims. (Cl. 250—20)



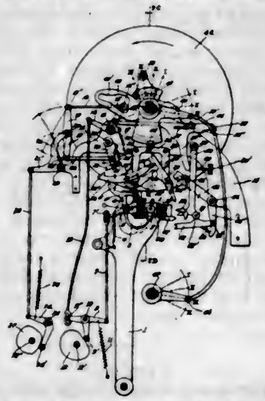
4. A radio receiver including a tuner for selecting any one of a number of carriers differing in frequency, an audio-frequency amplifier having a plate circuit, means for causing the direct current in said plate circuit to reach a maximum value when said tuner is accurately adjusted to select a desired carrier, a device in said plate circuit for indicating maximum current therein, and a switch arranged to substantially prevent any alternating current from flowing in said plate circuit while said tuner is being adjusted to select a desired carrier, and to render said means inoperative after said tuner has been so adjusted.

2,125,469
MINERAL TRAP
Charles B. Ulrich, Jamestown, N. Y.
Application December 23, 1935, Serial No. 55,851
18 Claims. (Cl. 209—206)



16. In a mineral trap, the combination of a housing having imperforate side and bottom walls and open at its top, a plurality of screens in said housing and extending horizontally across the same and establishing superimposed compartments in said housing of vertical depths providing for agitation and scouring action in said compartments by water flow vertically therein, supports for said screens holding them in said spaced relation vertically, and pieces of baffling material loosely contained in said compartments and retained therein by said screens, said baffling material being of substantially less vertical depth in each compartment than the vertical depth of said compartment, whereby space in said compartments is provided for free agitation and movement therein of said baffling material by water flow downwardly into said housing and upwardly out of said housing, to scour and clean mineral particles fed into said housing for treatment.

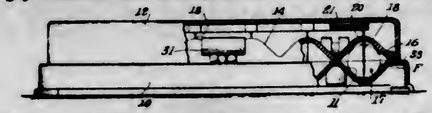
2,125,470
FILLING-CHANGING MECHANISM FOR LOOMS
Georg Wiget, Arbon, Switzerland, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland, a corporation of Switzerland
Application March 18, 1937, Serial No. 131,601
In Germany March 21, 1936
22 Claims. (Cl. 139—232)



1. In filling-changing mechanism for looms, the combination of a loom slay, a bobbin carrier, a bobbin feeler (3) for contact with the bobbin pivotally mounted on the slay and arranged to swing on its pivot, the feeler having an arm (4), a lifting lever (6) also pivoted on the slay, and arranged to be raised by the arm of the feeler, a hooked lever (32) pivoted on the loom frame above the lifting lever, a lever (29) pivotally supported on the loom frame and adapted to be engaged by the hooked lever and checked in motion, a two armed swinging lever (18), a supporting lever (21) on which the swinging lever is pivoted at a point between its ends and connected at one end to the first named lever (29), means to actuate the supporting lever (21), a control lever (14) connected to the other end of the swinging lever (18), a protector lever, a transferrer, means actuated by the protector lever to permit or prevent operation of the transferrer, and means (56) intermediate the control lever and the protector lever whereby the protector lever is shifted to release the transferrer for operation.

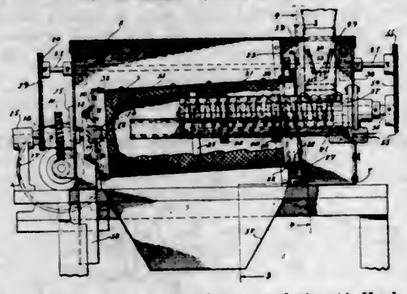
2,125,471
FRANKFURTER BROILER
Stewart Nelson, New York, N. Y.
Application October 27, 1934, Serial No. 750,242
Renewed January 5, 1938
3 Claims. (Cl. 219—19)

1. A frankfurter broiler comprising a base having cavities receptive of frankfurters, a cover hinged thereto, a frankfurter piercing knives carried by the cover and adapted to enter said cavities when the cover is closed, means to conduct electric current to the knives, and means to yieldingly confine the frankfurters in their respective



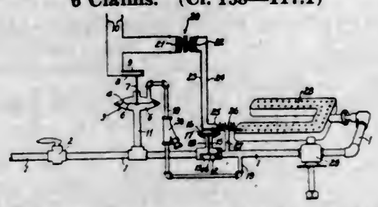
cavities, said means comprising an intermediate cover member having cavities complementary to the base cavities, said member having one end yieldingly hinged to the base and its other end yieldingly latchable to the base.

2,125,472
BRONZER
Arthur K. Taylor, Baltimore, Md., assignor to The United States Printing and Lithograph Company, Baltimore, Md., a corporation of Ohio
Application March 26, 1936, Serial No. 70,940
8 Claims. (Cl. 91—43)



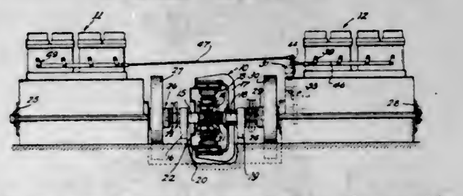
2. In a bronzing machine, a substantially horizontal rotary cylindrical screen, a driven conveyor extending into the same at one end thereof to pass bronze thereinto, means to feed bronze to said conveyor, said conveyor spreading and maintaining in dispersed condition said bronze during its conveyance into said screen, means to heat the bronze while dispersed and during its conveyance into said screen, means to rotate said screen and means to collect the larger particles of material not passing through the walls of said screen separate from the particles passing therethrough.

2,125,473
GAS BURNER CONTROL SYSTEM
Victor G. Vaughan, Attleboro, Mass., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass., a corporation of Massachusetts
Application June 18, 1936, Serial No. 85,859
6 Claims. (Cl. 158—117.1)



1. In a gas burner control system, a main gas feed line, a main burner, a thermostatically operated valve in said main gas line, a pilot burner positioned so as to be capable of igniting said main burner and also to heat said thermostatic valve, electrical heating means in position to heat said thermostatic valve, and also to ignite said pilot burner, and a balanced pressure switch adapted to operate said electrical heating element, said balanced pressure switch comprising a movable member subjected on its two sides respectively to gas pressure from the opposite sides of said thermostatic valve.

2,125,474
POWER DEVELOPING APPARATUS AND METHOD OF OPERATING THE SAME
Theodore Wachs, Evanston, Ill., assignor to Lucien I. Yeomans, Inc., Chicago, Ill., a corporation of Illinois
Application July 11, 1936, Serial No. 90,055
8 Claims. (Cl. 290—4)



2. In a power plant installation, the combination of, a double rotation generator having oppositely rotatable primary and secondary members, individual prime movers for said generator members, said prime movers being oppositely rotatable, governor means for maintaining the speed of one of said prime movers close to its normal value with changes in load thereon, and means controlling the speed of the other of said prime movers to compensate for variations from normal speed of said one prime mover, thereby maintaining the relative speed of rotation of said generator primary and secondary members at a substantially constant value irrespective of the load imposed on said prime movers.

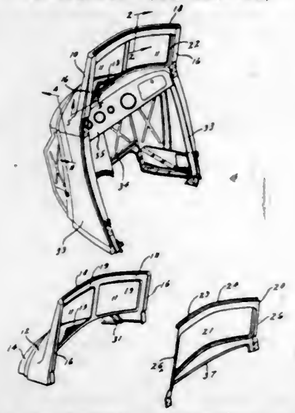
2,125,475
STREET AND ROAD SIGN
John W. Weigele and Morris Caminetz, Brooklyn, N. Y.
Application October 21, 1937, Serial No. 170,176
2 Claims. (Cl. 40—145)



1. A sign frame comprising a unitary member formed of a front section and a rear section both having aligned openings therethrough through which a sign may be exposed, a yoke joining the under edges of said sections and a split yoke joining the top edges thereof, said first yoke having a toothed socket projecting downward therefrom, said split yoke having a split toothed boss projecting upward therefrom, said frame being adapted to be interlocked with a second identical

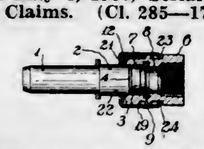
frame by registering said boss of said frame with said socket of the second frame and passing a clamping means therethrough.

2,125,476
COWL CONSTRUCTION
Fred J. Westrope and Alfred Person, Detroit, Mich., assignors to The Murray Corporation of America, a corporation of Delaware
Application July 17, 1936, Serial No. 91,030
9 Claims. (Cl. 296—28)



1. In a windshield construction, a pair of stampings each surrounding and defining a windshield opening, said stampings being each preformed to provide mating flanges in the marginal edges of said windshield openings for securing said stampings together, each of said stampings having a portion adapted to be in the surface of a jam face of a door opening, said last mentioned portions being secured together in overlapping relation to reinforce said jam face.

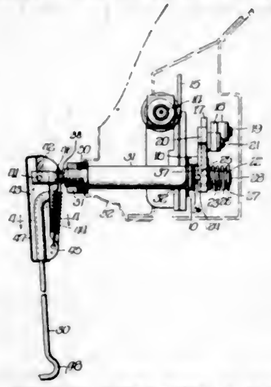
2,125,477
HOSE COUPLING
Maurice P. Whitney, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York
Application May 4, 1937, Serial No. 140,624
5 Claims. (Cl. 285—174)



1. In a hose coupling, a socket member, a nipple member adapted to fit loosely therein, means for packing the joint therebetween, a locking element anchored to one coupling member having a portion loosely fitting the other member and tiltable to grip the same, and a manually operable thimble surrounding the socket and slidable thereon for straightening up the gripping portion of the locking element to release the coupling.

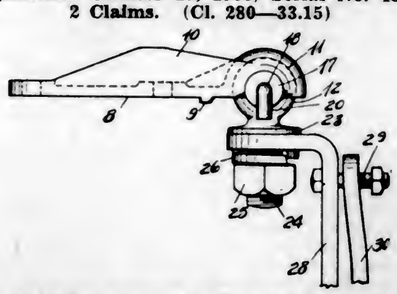
2,125,478
WINDSHIELD WIPER CONNECTION
John B. Whitted, Evanston, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application October 7, 1933, Serial No. 692,588
4 Claims. (Cl. 15—255)

1. In a windshield wiper, connections between a wiper bearing arm thereof, and a driving shaft therefor, comprising, a slot in the end of said shaft, a pin in the shaft and passing transversely through said slot, stamped members fastened to opposite sides of the upper end of said arm and



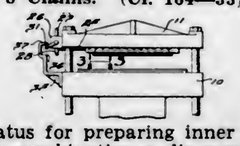
having a common upper edge, a notch in said upper edge receiving said pin, a coiled tension spring fastened to said shaft inwardly from said pin, and to said arm downwardly from said notch.

2,125,479
COUPLING
Frank Zagelmeyer, Bay City, Mich.
Application October 19, 1935, Serial No. 45,756
2 Claims. (Cl. 280—33.15)



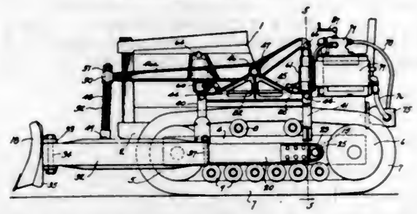
1. A trailer coupling of the class described and comprising an attaching member adapted to be secured to a trailer tongue, a socket formed integral with and provided in one end of said member, a ball bolt journaled in said socket and formed with a horizontally disposed passage therethrough, a horizontally disposed pin of less diameter than said passage extending therethrough, one end having threaded engagement with the wall of the socket, the opposite end of said pin being turned at right angles to the main body to form a depending section and a weight to prevent accidental rotation of said pin.

2,125,480
APPARATUS FOR PREPARING TRIM PANELS
Clarence W. Avery, Detroit, Mich., assignor to The Murray Corporation of America, Detroit, Mich., a corporation of Delaware
Application January 14, 1937, Serial No. 120,514
8 Claims. (Cl. 164—33)



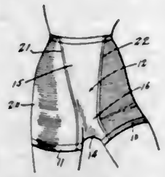
8. Apparatus for preparing inner trim panels including in combination a die member, spaced cutting knives projected from the surface of said die member, ducts in said die member opening into the space between said cutting knives, a source of fluid pressure and a source of suction adapted for communication with said ducts and a valve for selectively supplying either suction or pressure to said ducts.

2,125,481
BULLDOZER
George S. Allin, Seattle, Wash., assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich., a corporation of Michigan
Application November 25, 1933, Serial No. 699,759
7 Claims. (Cl. 37—144)



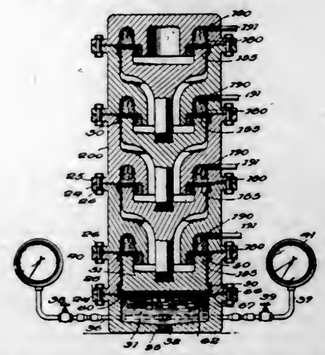
2. In combination, a tractor having a main frame, relatively movable track frames at opposite sides thereof, means for mounting a blade forwardly of the tractor for vertical adjustment, lever arms pivotally mounted on the track frames, with movable ends operatively connected with the blade mounting means for adjusting and retaining the latter at different positions of vertical adjustment and hydraulic means on the track frames for adjusting the lever arms and for holding them rigid relative to the track frames.

2,125,482
BODY GARMENT
Mabs Ryden Barnes, Los Angeles, Calif.
Application July 20, 1937, Serial No. 154,625
3 Claims. (Cl. 2—224)



1. In a body garment of the character described and provided with a waist portion, the combination of: a crotch member which in extended form comprises a rear portion, a front portion and an intermediate crotch portion, said crotch member being resiliently stretchable longitudinally but not transversely, the front portion of said member being adapted to traverse the abdomen to the waist portion, said front portion being relatively wide in the region of the waist and narrow at the lower portion of the front of the garment; the intermediate crotch portion of said member being sufficiently wide to cover the crotch of the wearer and extend downwardly along opposing inner sides of the legs when on the wearer; the narrow constriction being adapted to overlie the pubic region and being materially narrower than the front portion in the region of the abdomen and narrower than said crotch portion; and a body member adapted to resiliently stretch vertically and horizontally, attached to the edges of said front portion of the crotch member, adapted to cover the hips and also attached to the rear portion of the crotch member at the back; said rear portion of the crotch member extending upwardly toward the waist, the lower edge portions of the body member coacting with the edge areas of the crotch portion to form a pair of separately movable leg-encircling pants.

2,125,483
HYDRAULIC WEIGHING AND TESTING MACHINE
Alva G. Blanchard, Shreveport, La.
Application June 26, 1936, Serial No. 87,528
5 Claims. (Cl. 265—47)

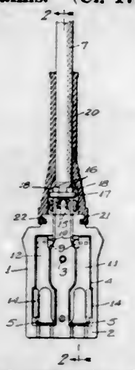


1. In an apparatus of the character described, the combination of a reservoir, a tubular member forming an extension of said reservoir, a diaphragm of incompressible material interposed between said reservoir and extension, a piston slidable in said extension toward and from said diaphragm, a layer of incompressible material interposed between said diaphragm and piston, said material being resilient and plastic whereby pressure thereon will cause it to conform to the interior of the extension, a body of liquid filling said reservoir, and an indicator responsive to pressures imposed on said liquid by said piston through said diaphragm.

2,125,484
NONLIFTING LACQUER
Charles Bogin, Terre Haute, Ind., assignor to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland
No Drawing. Application December 14, 1935, Serial No. 54,376
3 Claims. (Cl. 91—68)

1. A process for inhibiting lifting, of a nitrocellulose lacquer containing a volatile solvent and a drying oil modified synthetic resin, for a period of time sufficient for the application of a plurality of coats, comprising incorporating in said lacquer an anti-oxidant for the resin of a character and in an amount sufficient to prevent oxidation of the lacquer film for the period of time between application of successive coats and longer than normal application schedules for lacquer finishing and sufficient to allow drying of an applied undercoat by evaporation of the solvent and the application of a subsequent coat, applying the undercoat and then applying the succeeding coat during the period of time in which oxidation of the undercoat is inhibited and while the undercoat is soluble in the solvents of the succeeding coat.

2,125,485
ELECTRICAL CONNECTER
Albert E. Caldwell, Lockport, Ill., assignor to George D. Ladd, Lockport, Ill.
Application February 28, 1936, Serial No. 66,260
3 Claims. (Cl. 173—322)



1. An electrical connecter for use in connection with a multi-conductor cord having an outer insulating covering common to said conductors, said connecter comprising a body, insulatingly spaced contacts in said body, the number of contacts corresponding to the number of said conductors and each of said conductors being electrically connected to one of said contacts, a jaw carried by each of said contacts, said jaws being arranged to grip the insulating covering of said cord in spaced apart relation around the surface thereof, and ring means disposed around said insulating covering, said ring means being axially slidable over the said jaws to clampingly retain the jaws in gripping engagement with said covering and mechanically support the contacts in relation to said cord.

2,125,486
VEHICLE VENTILATING STRUCTURE
John N. H. Christman, Detroit, Mich., assignor to Evans Products Company, Detroit, Mich., a corporation of Delaware
Application November 20, 1936, Serial No. 111,771
6 Claims. (Cl. 98—2)



3. Apparatus for ventilating the interior of a closed vehicle body having an outer roof panel and a windshield comprising means forming injector openings through said outer roof panel immediately above and transversely of said windshield, means forming a plurality of transversely aligned exhaust openings in the outer roof panel adjacent the front thereof, a unitary pan member extending longitudinally of said roof substantially co-extensive with the upper portion of said roof and cooperating with the outer roof panel to form a first compartment, said pan member having forward and rear openings therethrough communicating with the interior of said body adjacent the front and rear portions thereof, means separating said compartment into a plurality of independent chambers, one of said chambers being in communication with the interior of said body through said forward opening and being in communication with certain of said exhaust openings, and another of said chambers being in communication with the interior of said body through said rear openings and being in communication with the other of said exhaust openings, a unitary sheet metal member having a transverse front portion adjacent said injector openings and having side portions extending longitudinally of said vehicle and cooperating with the side portions of said roof panel to form a second compartment in communication with said intake openings, said side portions having openings therethrough communicating with the interior of said vehicle body, and means to control the flow of air through the openings communicating the intake and exhaust chambers with the interior of the body.

2,125,487
PIPE PERFORATOR
Walter L. Church, Houston, Tex.
Application February 24, 1936, Serial No. 65,405
8 Claims. (Cl. 164—0.5)



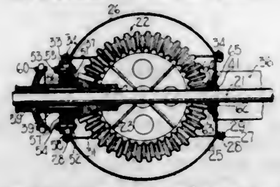
1. A pipe perforator comprising a body, explosive cartridges therein, projectiles in the body aligned with the cartridges, a source of electrical energy associated with the body and adapted to be lowered with the body into a well, electrical conductors leading from said source through the charges of the cartridges and means operable in continuous sequence by well liquid pressure for successively completing electrical circuits through the conductors whereby the charges will be ignited.

2,125,488
SIGN
Claud C. Colie, Bloomington, Ill.
Application July 13, 1937, Serial No. 153,450
3 Claims. (Cl. 40—23)



1. A chair or similar marker of the class described, an attaching and retention member of ductile material adapted to be bent and shaped by hand to conform to a predtermined object, a horizontal bar attached to a predtermined portion of said retention member, a sign carrying plate secured to said attaching member, and fastening means including screws passing through said attaching member, bar and plate for securing the several parts together, an indicator sign attached to said plate, and a protective covering for said member.

2,125,489
GEAR HOUSING
Wilbur J. Coultas and Nolan D. Colvin, Moline, Ill., assignors to Deere & Company, Moline, Ill., a corporation of Illinois
Application June 27, 1934, Serial No. 732,596
10 Claims. (Cl. 308—36.1)



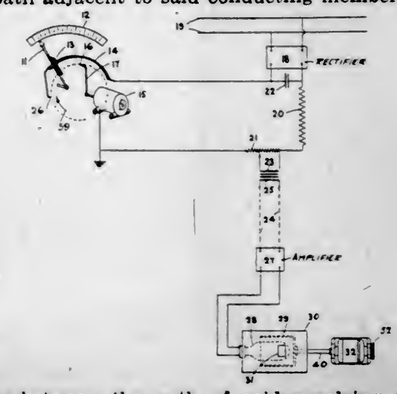
1. The combination with a frame member and a shaft journaled in a bearing supported by said frame member, of a housing enclosing a portion of said shaft, one wall of said housing disposed adjacent said frame member and having an opening through which said bearing projects, means for sealing said opening against the escape of lubricant therefrom, said means comprising a washer tightly embracing the inner end of said bearing and disposed against the inner side of said wall of the housing, a bracket engaging said washer, and means serving to hold said bracket in compressing engagement with said washer and to fix said housing to said frame member.

2,125,490
MANUFACTURE OF AROMATIC ALCOHOL
Harold S. Davis, Bound Brook, N. J., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application October 18, 1935, Serial No. 45,580
11 Claims. (Cl. 260—153)

1. A method of producing an alcohol having the formula $R(C_nH_{2n})OH$ in which R is an aromatic hydrocarbon radical which comprises bringing about reaction between the corresponding olefine oxide and a suspension of aluminum chloride in the aromatic hydrocarbon corresponding to R under conditions which result in sufficiently rapid removal of the reaction product from the zone of reaction to prevent a concentration of reaction product in the zone of reaction high enough to result in rapid side reactions with the olefine oxide and hydrolyzing the reaction product to produce the alcohol.

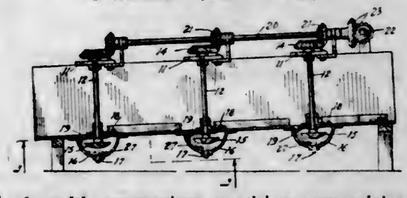
2,125,491
ELECTRICAL SIGNALING SYSTEM
William Henry Dean, Darlington, England
Application December 31, 1935, Serial No. 57,071
In Great Britain January 8, 1935
4 Claims. (Cl. 177—351)

1. An electrical signaling system operating on the stroboscopic principle including impulse-originating apparatus comprising an insulated conducting member moving in agreement with an oscillating pointer the angular position of which is to be signaled, a stationary segmental electrode adjacent to said conducting member, a point electrode, means for maintaining said segmental electrode and said point electrode at considerable potential difference, means for revolving said point electrode at constant speed in a path adjacent to said conducting member, the



gap between the path of said revolving point electrode and said conducting member and the gap between said conducting member and said stationary segmental electrode being such that sparks occur momentarily in said gaps at the instant when said revolving point electrode passes said conducting member and originate a signal impulse once during each revolution of said point electrode with said oscillating pointer in any position within the limits of its swing.

2,125,492
GOLD RECOVERING MACHINE
Frank W. Dodge, Hotchkiss, Colo.
Application May 11, 1937, Serial No. 141,956
3 Claims. (Cl. 209—43)

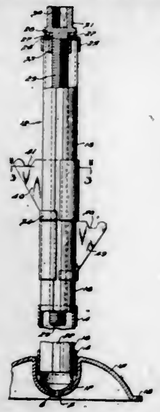


1. A gold recovering machine comprising: a relatively long, inclined sluice box; shafts extending through the bottom of said box at spaced-apart intervals throughout its length; means for supporting said shafts perpendicular to said box; flaring guide strips on the bottom having their apexes directed toward said shafts, there being an intake opening above each shaft and a discharge opening below each shaft through said bottom; a recovery bowl about each impeller below each pair of openings; and means for rotating said shafts.

2,125,493
LIFTING JACK
William H. Foster, Elkhart, Ind., assignor to Walco, Incorporated, Detroit, Mich., a corporation of Michigan
Application June 22, 1936, Serial No. 86,449
4 Claims. (Cl. 254—100)

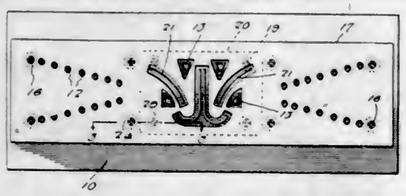
3. A lifting jack including in combination a pair of sheet metal columns secured together in

spaced relation and serving to support a rotatable threaded lifting shaft therebetween, a lifting lug threaded on said lifting shaft and disposed between said columns, said columns each being preformed to provide an axially extending outwardly



presenting channel in the exterior surface thereof, said lifting lug having portions thereof adapted to lie closely adjacent the exterior surface of said columns and a flange on said last mentioned portion adapted to enter said channel to guide said lifting lug during vertical movement.

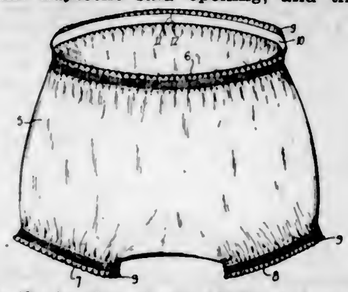
2,125,494
DIE
Benjamin W. Freeman, Cincinnati, Ohio
Application August 17, 1937, Serial No. 159,594
18 Claims. (Cl. 101—30)



1. In a die of the class described, a base, cutting means mounted thereon, marking means independent of said cutting means also mounted on said base, and stripping means for said cutting means constructed and arranged for operation free and independently of said marking means, said marking means having a portion extending between said stripping means and said base, in normal juxtaposed relation to said stripping means.

2,125,495
METHOD OF MAKING GARMENT PROTECTORS
Edward M. French, Garden City, N. Y., assignor to Rand Rubber Company, Inc., Brooklyn, N. Y., a corporation of New York
Application April 4, 1936, Serial No. 72,687
2 Claims. (Cl. 154—2)

1. A method of making a garment-protector of elastic material having an expandible opening, which comprises securing a previously formed continuous looped band of elastic material of uniform thickness throughout its periphery while stretched as a whole under tension greater than that of the material forming said expandible opening about the inner face of the garment adjacent said opening, and then re-



leasing the tension of said wholly stretched band to produce shirring in the garment material adjacent the band.

2,125,496
INGOT MOLD STOOL
Charles R. Fon Dersmith and William W. Bergmann, Middletown, Ohio, assignors to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application April 29, 1937, Serial No. 139,670
5 Claims. (Cl. 22—139)



1. An ingot mold stool for use with open-end ingot molds, said stool comprising a unitary casting having a relatively thin portion forming the bottom of the mold, and strengthening ribs integral therewith on the underside along two opposed edges and centrally thereof, whereby the under surface of said stool is accessible to cooling currents of air when said stool and mold are standing on an ingot mold car.

2,125,497
SIFTING AND MEASURING CONTAINER
Emil Frank, Cincinnati, Ohio
Application October 19, 1936, Serial No. 106,406
8 Claims. (Cl. 221—62)



1. A container having a top wall with a dispensing opening therein and a slide member arranged to expose said opening, said opening being of segmentary shape the chord of said segment extending diagonally across the box and said slide member having dispensing openings therein positioned along a curve corresponding to the arc of the segmental opening for the purposes described.

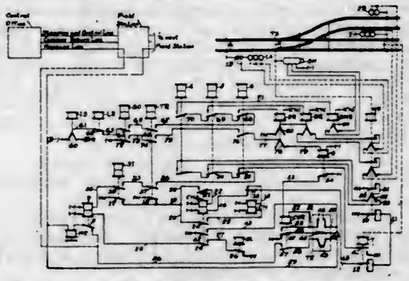
2,125,498
PIVOT LIFT AND HOLD-DOWN FOR REVOLVING DOORS
Thurloe M. Hagenbook, Evansville, Ind., assignor to International Door Company, Evansville, Ind., a corporation of Illinois
Application April 8, 1937, Serial No. 135,781
11 Claims. (Cl. 20—18)

1. A pivot lift and hold-down for revolving doors comprising a hollow tubular shaft, a pintle, a member connected with said pintle and extending interiorly of said hollow tubular shaft, a fulcrum member carried by the aforesaid member, a lever pivotally mounted on said fulcrum member, a locking pin extending transversely through said first mentioned member and connected with one end of said lever member, said locking pin being



engageable with spaced recesses in the interior wall of said tubular shaft, and spring means engageable with the opposite end of said lever member and tending to normally shift said lever member into a position for ejecting said locking pin into a position engaging a selected recess in said tubular shaft.

2,125,499
CENTRALIZED TRAFFIC CONTROLLING SYSTEM
William D. Hailes, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application November 21, 1931, Serial No. 576,547
7 Claims. (Cl. 246—3)



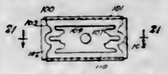
1. In a centralized traffic control system for railroads, a communication system having a series message circuit including a message relay and a pulsing contact in series at a field station, a plurality of devices at said field station, indication means operating said pulsing contact upon a predetermined number of steps in accordance with the condition of said devices, said indication means being initiated upon a change in condition of any one of said devices, cut-out means including a shunt circuit for automatically rendering said communication system ineffective to transmit an indication by shunting said message relay and pulsing contact, said cut-out means being effective if said predetermined number of steps is not taken before a predetermined time, and manually operable means for rendering said automatic cut-out means ineffective.

2,125,500
HOBBLE
Warren J. Heimer, Denver, Colo.
Application August 16, 1937, Serial No. 159,284
4 Claims. (Cl. 119—128)



1. An article of manufacture comprising a metal hook, for use in a cow hobble and adapted to engage with the rear leg tendon directly above the hock, and a spatula shaped leather flap attached at its narrow end to one end of the hook and provided on its outside with a strap extending crossways thereof and secured thereto at its ends to form a guide loop.

2,125,501
RAZOR BLADE AND HOLDER
John Holtzman, New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application August 30, 1930, Serial No. 478,812
7 Claims. (Cl. 30—72)



6. A safety razor blade having a central longitudinal slot, parallel cutting edges on the blade portions spaced by said slot, end portions of a width less than that of the main body of the blade, and transverse necks flexibly connecting said end portions and said spaced blade portions within the limits defined by the length of said slot, said necks forming narrow bands directed at right angles to said cutting edges.

2,125,502
SAFETY RAZOR BLADE
John Holtzman, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Original application February 21, 1931, Serial No. 517,497. Divided and this application February 10, 1933, Serial No. 656,176
1 Claim. (Cl. 30—351)

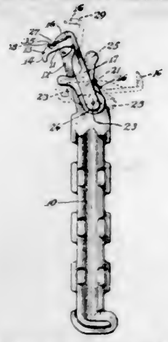


A safety razor blade having a central longitudinal slot, parallel cutting edges on the blade portions spaced by said slot, end portions of a width less than that of the main body of the blade, and pliable neck portions forming narrow bands directed at right angles to said cutting edges within the limits defined by the length of said slot and connecting said end portions and said spaced blade portions, the flexibility of said pliable portions exceeding that of said end portions.

2,125,503
SAFETY RAZOR
William H. Huenergardt, Chicago, Ill.
Application June 15, 1934, Serial No. 730,696
4 Claims. (Cl. 30—40)

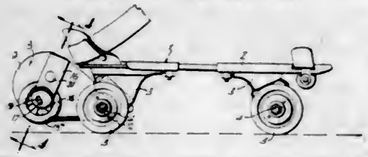
1. In a razor, the combination with a handle, of a blade holder member associated with said

handle, a cap to confront said blade holder member for receiving a razor blade therebetween, thumb operated bell-crank lever means having a toggle action for mounting said cap to



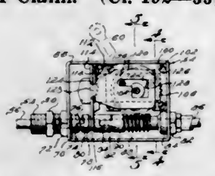
said handle for movement relative to said holder member, and complemental means on said holder member and cap to guide their relative movement in effecting the grasp and release of a blade therebetween.

2,125,504
SOUND PRODUCING ATTACHMENT FOR ROLLER SKATES
Clarence E. Karst, Cincinnati, Ohio, assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio, a corporation of Ohio
Application September 16, 1936, Serial No. 101,120
7 Claims. (Cl. 116—61)



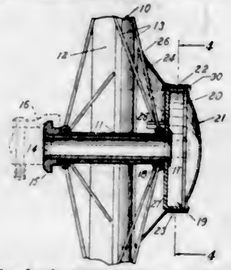
1. The combination, with a roller skate, of a bracket plate fixed to the skate, a ground wheel journalled on the bracket plate with its tread out of ground contact and adapted to be grounded upon canting of the skate, and a sound producing apparatus mounted on said bracket and having a shaft frictionally contacting the tread of the ground wheel for actuation thereby.

2,125,505
CLUTCH CONTROL MECHANISM
Frank Kritz, Detroit, Mich.
Application March 5, 1934, Serial No. 714,010
1 Claim. (Cl. 192—33)



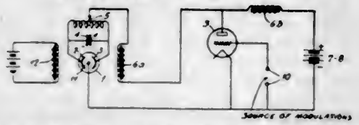
In a mechanical power transmission system having a driving shaft, a driven shaft axially aligned therewith, and a clutch movable to connect and disconnect said shafts, the combination of a member directly driven in rotation by one of said shafts and having a laterally extending projection offset from the axis thereof, a plate positioned at one side of and in overlapping relation to the member, said plate being slidably guided for movement in a plane substantially parallel to the plane of the member and having a part operatively engaging the clutch, a shiftable plate positioned at the opposite side of and in overlapping relation to the member, for movement in a plane substantially parallel to the plane of the member, said shiftable plate having a projecting part thereon for cooperation with said projection and being operatively connected to said first mentioned plate, and a control arm connected to said shiftable plate and actuable to pivot said shiftable plate between a position in which said projecting part is in the path of said projection and a position in which said projecting part is outside of the path of said projection.

2,125,506
VEHICLE HUB CAP
Nathan J. Kroll and Samuel Kroll, Chicago, Ill.
Application October 2, 1935, Serial No. 43,158
10 Claims. (Cl. 301—108)



1. A vehicle hub structure comprising a hub member having spokes attached thereto, a bushing arranged in the bore of the said hub member, a cap supporting member mounted upon the axially outer end portion of said bushing, said bushing having an axially outer end bent back upon itself against the axially outer wall of said supporting member, and a hub cap removably mounted upon said supporting member, said hub cap having a plurality of latch elements formed thereon and said latch elements being latchingly and frictionally engageable with the said supporting member, said hub cap including a flange having a plurality of notches or indentations formed in its peripheral edge for the reception of the spokes of a wheel.

2,125,507
MAGNETRON MODULATION SYSTEM
Alan Wilfrid Ladner, Goonhilly, Danbury, England, assignor to Radio Corporation of America, a corporation of Delaware
Application June 7, 1934, Serial No. 729,382
In Great Britain June 28, 1933
5 Claims. (Cl. 179—171)



1. In a system of the class described, a magnetron oscillator device having split anodes and a cathode, means including a magnetizing coil for producing a magnetic field within which said device is to operate, a source of direct current potential for activating said magnetizing coil and also the electrodes of said magnetron, an impedance in series with and of greater inductive

value than said magnetizing coil, both the impedance and the magnetizing coil constituting part of an anode potential supply lead for said magnetron device, and an electron discharge device having an input circuit connected to a source of modulations and an output circuit connected between the cathode of said magnetron and a point in said anode potential supply lead intermediate said impedance and said magnetizing coil.

2,125,508
PROCESS OF PREPARING A SUBSTANCE PROMOTING LACTATION
Carl Ludwig Lautenschläger, Frankfort-on-the-Main, and Willy Ludwig, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application January 9, 1937, Serial No. 119,868. In Germany January 15, 1936
4 Claims. (Cl. 167—74)

1. Process of preparing a substance promoting lactation which comprises extracting the anterior lobes of the hypophysis at a temperature not exceeding 60° C. with the aid of organic solvents miscible with water, extracting the remaining gland residue with water and then with an aqueous alkaline solution of a pH-value of about 8 to about 12 and precipitating the active substance from the alkaline extract by acidification.

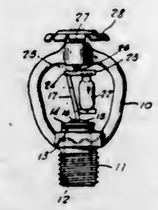
2,125,509
DIAZOBIGUANIDES
Hans Z. Lecher, Plainfield, N. J., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application April 2, 1937, Serial No. 134,574
20 Claims. (Cl. 260—69)

3. A diazobiguanide having the formula

$$R-N=N-B$$

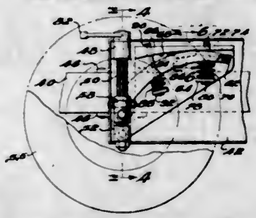
in which R belongs to the group consisting of aromatic and heterocyclic radicals free from carboxylic and sulfonic groups and B is a biguanide radical free from substituents capable of coupling with diazo compounds to form azo dyes.

2,125,510
AUTOMATIC SPRINKLER
Leroy M. Lewis, Rosemont, Pa.
Application August 20, 1936, Serial No. 96,911
2 Claims. (Cl. 169—38)



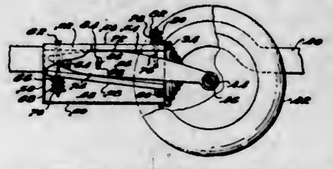
1. In the manufacture of automatic sprinklers, the method of forming a frangible vessel having a predetermined rupturing temperature which consists in placing an expansive material within the bottle, building up a predetermined air pressure in said bottle over said expansive material, and then sealing the bottle.

2,125,511
WHEEL SUSPENSION
Borge Martins, Copenhagen, Denmark
Application December 16, 1935, Serial No. 54,636
23 Claims. (Cl. 267—20)



1. In a resilient connection between a pair of relatively movable parts, a first member pivotally connected to one of said parts, a second member, an arm member connected to said second member at an angle thereto, said arm member being pivotally connected to the other of said parts, the pivotal axes of said first and arm members being substantially parallel and in substantially the same plane in the direction of relative movement between said parts and said first and second members extending in the same general direction away from said pivot points, said first and second members having contacting faces so constructed and arranged as to effect a rocking action between them upon relative movement of the pivot point of one towards and away from the pivot point of the other thereof, and spring means normally urging the ends of said first and second members opposite said pivot points thereof toward one another.

2,125,512
WHEEL SUSPENSION
Børge Martins, Copenhagen, Denmark
Application December 30, 1935, Serial No. 56,685
In Denmark September 25, 1935
10 Claims. (Cl. 267—20)

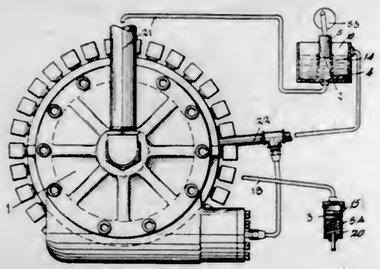


1. In combination with a pair of relatively movable parts, a pair of members rockably engaging each other and respectively secured to the respective said parts, a third member rockably engaging one of said members, and spring means cooperating with said third member to urge said pair of members toward one limit of their relative rockable positions, the construction and arrangement of said members and said spring means being such that the distance between the points of engagement of said one of said members with the other of said members and with said third member varies upon relative movement of said movable parts.

2,125,513
FLUID PRESSURE INDEXING VALVE
William H. Martin, Detroit, Mich.
Application August 20, 1936, Serial No. 97,007
12 Claims. (Cl. 60—54.5)

1. In a fluid pressure indexing valve having two chambers, a plurality of pressure devices connected to one chamber, a pulsating pressure means

connected to the other chamber, a movable member having a passageway for selectively closing the connection of each pressure device with the



said one chamber and connecting it with the said other chamber to produce operation of the pressure devices at least one at a time by the pulsating pressure of the pressure means.

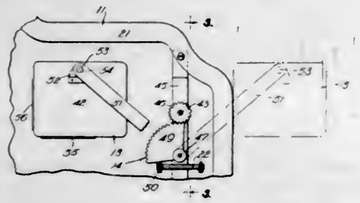
2,125,514

DEVICE FOR USE ON COOKING RANGES

Robert J. Merritt, Los Angeles, Calif.

Application June 18, 1937, Serial No. 148,871

14 Claims. (Cl. 126—333)



1. In a cooking range having a rear guard rail with an opening, a condiment carrier behind the rail, means supporting the carrier for movement between a position where its contents are accessible through the opening and a position where its contents are accessible beyond a margin of the rail, and gear means for moving the carrier.

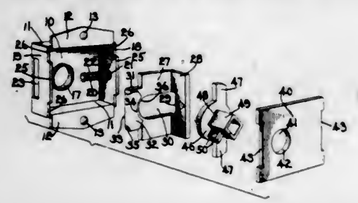
2,125,515

LATCH CONSTRUCTION

Fred W. McCormick, Grand Rapids, Mich.

Application May 18, 1936, Serial No. 80,382

2 Claims. (Cl. 292—169)



2. A combined sleeve and cam member comprising a flat metal plate having an enlarged central part with cam arms extending therefrom, said enlarged part having a square opening therethrough, and a sleeve having a square cross sectional shape, said sleeve being formed of sheet metal and having integral outwardly extending ears engaging said plate to prevent movement thereof in one direction.

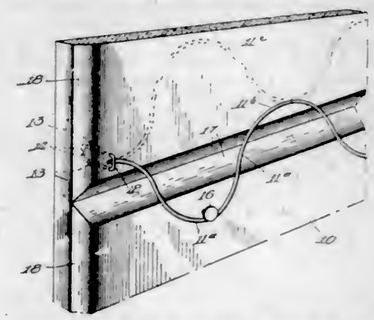
2,125,516

PLASTER BASE CONSTRUCTION

Carl L. Neumeister, Oak Park, Ill., assignor to The Celotex Corporation, Chicago, Ill., a corporation of Delaware

Application March 26, 1937, Serial No. 133,099

3 Claims. (Cl. 72—32)



1. In combination support members, mounted thereon, edge abutting plaster base units, and a plaster reinforcing member overlying the joint between the adjacent units, the plaster reinforcing member secured in place overlying the joint and comprising a continuous strand reversely formed and providing a member of funicular shape crossing and recrossing the joint.

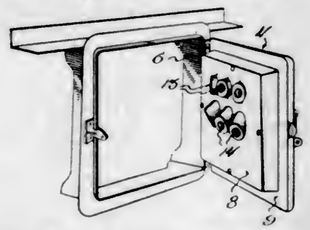
2,125,517

INCINERATOR

Herbert E. Nicol, Milwaukee, Wis., assignor to Kerner Incinerator Co., Milwaukee, Wis., a corporation of Wisconsin

Application November 2, 1935, Serial No. 48,018

3 Claims. (Cl. 110—18)



1. In a refuse incinerator including a combustion chamber and a combined flue and delivery chute communicating with the top of said combustion chamber adjacent its rear wall for delivering refuse to the rear of said chamber; a firing door positioned in the front wall of said combustion chamber above its bottom, said door being provided with upper and lower orifices to provide spaced separated jets of air directed into the combustion chamber, the jet from the lower orifice being directed against a confined area of refuse at the forward and bottom portion of the pile to create initial combustion at high temperature within said area only, and the jet from the upper orifice being completely separated and directed above the lower jet to continue combustion of the unburnt gases resulting from the primary combustion.

2,125,518

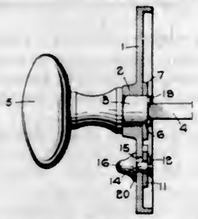
LATCH OPERATING MECHANISM

James Lonsdale Oldham, Nelson, England

Application June 3, 1937, Serial No. 146,276

In Great Britain November 28, 1936

15 Claims. (Cl. 292—359)



1. Latch operating mechanism including a supporting plate, a latch spindle mounted rotatably in said supporting plate for movement on its own axis, a member rotatable with the latch spindle, a movable pawl adapted for co-operation with said member to lock said latch spindle against rotation, a resilient plate engaging frictionally with and being adapted to move said pawl, said pawl and said resilient plate being both pivotally mounted on said supporting plate, an operating member for moving said pawl, said member being attached to said resilient plate and operable from the exterior of said supporting plate and means for retaining said pawl in an adjusted position.

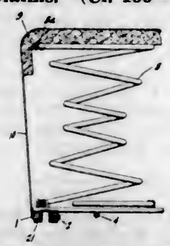
2,125,519

SEAT SPRING COVER ANCHOR

John M. Oldham, Pleasant Ridge, Mich., assignor to L. A. Young, Detroit, Mich.

Application October 5, 1936, Serial No. 104,080

8 Claims. (Cl. 155—180)



1. The combination with a cushion trimmed with an upholstery cover which is drawn down at the sides of the cushion, said cushion being provided with a bottom frame having an opening, the seat cover being drawn down around the bottom frame and folded into the opening, and an anchor clip of distortable metal inserted in the fold of the upholstery cover and opening and having portions of the clip within said opening permanently expanded after insertion in the opening to lock the clip and the cover into the frame.

2,125,520

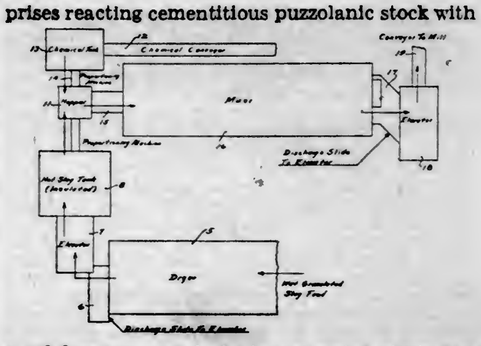
PROCESS FOR MANUFACTURING CEMENTITIOUS SUBSTANCE FROM BLAST FURNACE SLAG

Joseph L. Parker and Clarence H. Starns, Birmingham, Ala., assignors to Southern Cement Company, a corporation of Alabama

Application April 19, 1937, Serial No. 137,759

14 Claims. (Cl. 106—25.5)

1. The process for improving the strength of puzzolanic cementitious substances, which comprises reacting cementitious puzzolanic stock with



a sulphur compound of a heavy metal within the temperature range of 300° to 700° F.

2,125,521

BATTERY TERMINAL CONNECTER

Henry A. Recen, Kokomo, Colo., assignor of one-half to Charles W. Burnheimer, Breckenridge, Colo.

Application May 25, 1937, Serial No. 144,625

3 Claims. (Cl. 173—259)



1. A battery terminal connecter having one end provided with means for making connection with a cable and the other end provided with an opening for the reception of a battery terminal post, the opening having a portion of its wall formed by a semi-cylindrical surface and another portion by a concave surface opposed to the semi-cylindrical surface and eccentric with relation to the latter, a clamping member positioned in the opening, provided with a concave surface facing the semi-cylindrical surface and a convex surface for engaging the eccentric concave surface and for movement therealong, and means comprising a screw, threadedly associated with and extending through the clamping member for engaging the wall of the opening in the connecter, to push the clamping member along the concave eccentric surface in a direction to decrease the distance between the concave surfaces on the clamping member and the semi-cylindrical surface on the connecter.

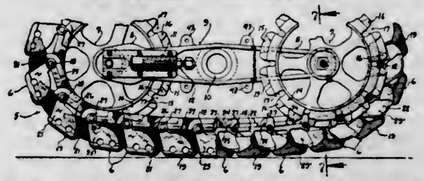
2,125,522

TRACTOR

Hugo F. Schmidt, Milwaukee, Wis.

Application July 13, 1935, Serial No. 31,235

9 Claims. (Cl. 305—8)



1. In a device of the character described, a sprocket wheel, an endless crawler track trained

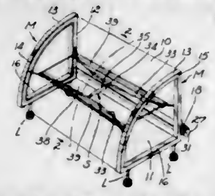
about the sprocket wheel and comprising a plurality of articulated link units each having a ground engaging tread, pins joining said units and spaced equidistantly on a definite pitch line, the pin engaging portions of the units being overlapped so that there are two pins for each unit located substantially in line with the end of the ground engaging tread, the rim of the sprocket wheel having tooth spaces to receive said pins, said spaces being spaced apart a distance equal to the spacing of the pins as measured on a given pitch circle, a rolling surface on the rim of the wheel lying substantially directly on said pitch circle, and rolling surfaces on each link unit projecting endwise beyond each end of the ground engaging tread so as to be positioned between the pins of the adjacent units and lying substantially on the pitch line of the track to contact the rolling surface of the wheel with a non-slipping rolling engagement.

2,125,523

CONSTRUCTION FOR DEVICES MADE OF FLEXIBLE TRANSPARENT MATERIAL

Lewis V. Smith, Los Angeles, Calif.

Application December 4, 1936, Serial No. 114,160
17 Claims. (Cl. 312—114)



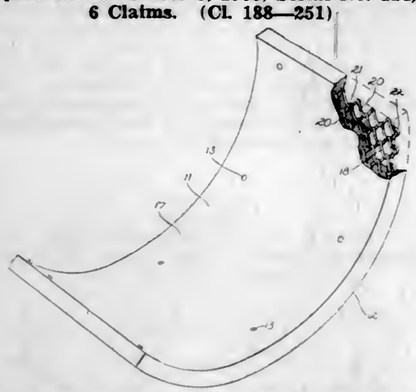
15. In a display case or the like, the combination of: a sheet of flexible transparent material; means at two opposite edges of the sheet to hold the sheet in a desired configuration; and means acting on said holding means respectively in opposite directions to place said sheet under tension.

2,125,524

BRAKE BLOCK CONSTRUCTION

Walter G. L. Smith, Los Angeles, Calif.

Application December 5, 1936, Serial No. 114,382
6 Claims. (Cl. 188—251)



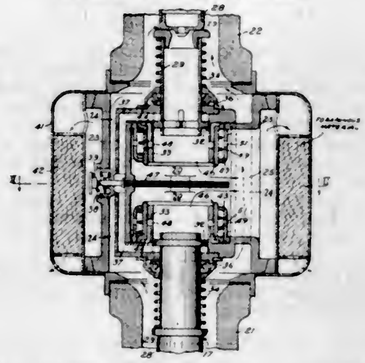
1. A brake block comprising: a body; and a metal binding web characterized by continuity of metal across one dimension of the web and discontinuity of metal across the transverse dimension, said web consisting of separate elements having loosely intermeshing portions capable of limited relative movement allowing longitudinal and transverse expansion and contraction of said web, said web being molded in said body whereby relative shrinkage of the material of said body and the metal of said binding web will not warp said body.

2,125,525

ELECTRIC CIRCUIT BREAKER

Hans Thommen, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland, a joint-stock company of Switzerland

Application May 1, 1937, Serial No. 140,078
In Germany July 13, 1935
16 Claims. (Cl. 200—148)



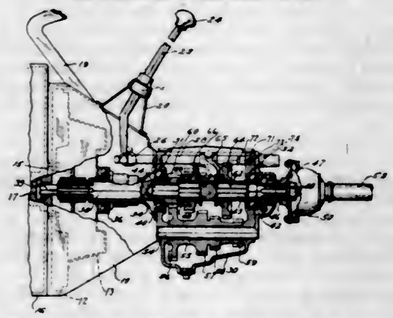
1. An electric circuit breaker comprising a source of supply of fluid under pressure, an arcing chamber having an outlet, a pair of cooperating contacts arranged in said chamber, means operable by fluid under pressure for separating said contacts, means for controlling the admission of fluid from said source into said chamber and to said contact separating means to cause separation of said contacts and interruption of the arc drawn therebetween, and means distinct from said contact separating means and responsive to the operation of said contact separating means for closing said outlet and maintaining fluid under pressure in said chamber.

2,125,526

POWER TRANSMISSION MECHANISM

Samuel Trimbath, Kalamazoo, Mich., assignor, by mesne assignments, to Willys-Overland Motors, Inc., a corporation of Delaware

Application December 1, 1932, Serial No. 645,217
Renewed November 13, 1937
15 Claims. (Cl. 192—108)



1. In a device of the character disclosed, in combination, power transmission mechanism including aligned slidable interengageable elements; said elements being movable into and out of engagement, said elements being provided with a series of interlocking projections; certain of said projections being of a thickness whereby driving engagement is effected throughout only a portion of the peripheries of said elements.

2,125,527

COATING OF ABSORBENT MATERIALS

George Crawford Tyce, Norton-on-Tees, and Victor Lefebure, London, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application April 2, 1937, Serial No. 134,676. In Great Britain April 15, 1936
7 Claims. (Cl. 91—68)

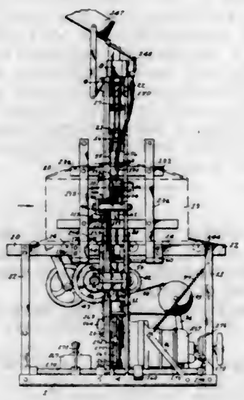
1. A process for treating absorbent materials with resin so as to produce a coated material with a glossy surface which comprises applying to the materials a dispersion of solid resins insoluble in the dispersing medium and subjecting the material to a temperature between the boiling point of the dispersing medium and the melting point of the resin until the resin has formed a continuous film on the surface of the material, drying the material at a lower temperature and then passing the material through hot rollers.

2,125,528

BAND STRAPPING MACHINE

Herbert E. Twomley, Riverside, Calif., assignor, by mesne assignments, to Acme Steel Company, Chicago, Ill., a corporation of Illinois

Application August 14, 1934, Serial No. 739,734
20 Claims. (Cl. 1—10)



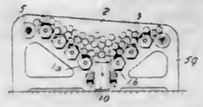
1. In a machine for applying straps to boxes, a supporting table for supporting boxes ready to be strapped, means for feeding a strap across said table above the position of a box thereon, means for initially partially nailing the free end of said strap to said box, means for reversing the strap feeding means to draw said strap taut upon said box, means for nailing the strap to the opposite side of said box, and means for completing the nailing of said free end of said strap to said box.

2,125,529

APPARATUS FOR BARKING LOGS

Johan Daniel Ullgren, Stocksund, Sweden, assignor to Ruthsaccumulators Nordiska Aktiebolag, Stockholm, Sweden, a corporation of Sweden

Application November 7, 1935, Serial No. 48,781
In Sweden November 7, 1934
4 Claims. (Cl. 144—208)



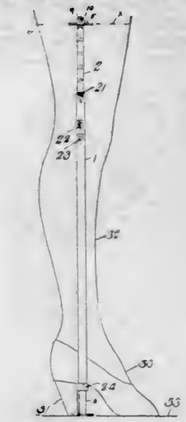
1. Apparatus for barking a bundle of logs comprising in combination a frame, side-walls on said frame, a number of parallel prismatic rollers with at least three plain sides and journaled in said frame, so as to form at least one part of the bottom of a container between the said side walls, said rollers being placed at such a distance from one another that the logs placed parallelly with the rollers cannot fall through the interstices between them, but only partially enter into said interstices, means for imparting rotary motion to said rollers during the work of the apparatus, so that the bundle of logs is given a circular rotary motion and the logs in the interstices between the rollers are given an individual rotary motion and a jumping motion, means for feeding logs into the container and means for ejecting barked logs from the same.

2,125,530

HOSIERY CALCULATOR

Paul Verdier, San Francisco, Calif.

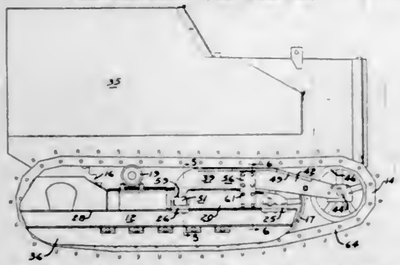
Application October 30, 1936, Serial No. 108,389
10 Claims. (Cl. 33—8)



1. In a device of the character described, an elongated vertically disposed standard, an elongated post arranged in longitudinal extension thereto slidably secured to the post for longitudinal movement upwardly relative to the standard, an arm projecting laterally from the lower end of the standard formed to snugly fit across and engage the instep of a shoe on the foot of a standing person, said post and standard being of a length whereby when said post is extended and when the arm is in engagement with said instep the upper end of the post will reach a point substantially above the knee of said person, a vertical row of indicia inscribed on said post and said standard being provided with

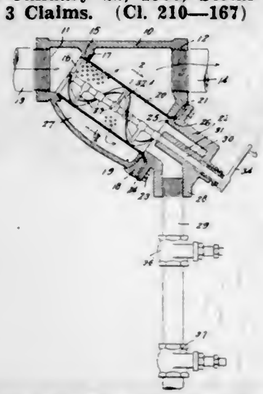
means for facilitating the reading of the indicia on said post adjacent the upper end of the standard.

2,125,531
TRACTOR
Paul Weeks, Washington, D. C., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application June 11, 1935, Serial No. 26,064
20 Claims. (Cl. 305—8)



1. An adapter for enabling a track-type tractor having a tractor body and a track frame hingedly connected to said body to employ an increased length of endless track, comprising an auxiliary structure having means enabling support thereof by said track frame, and an idler wheel supported by said auxiliary structure in a position so as to be in alinement with said track frame for accommodating said increased length of endless track to such tractor.

2,125,532
CONTINUOUS FLOW STRAINER
Herbert James Clement Wells, Jackson Heights, N. Y.
Application January 22, 1936, Serial No. 60,216
3 Claims. (Cl. 210—167)

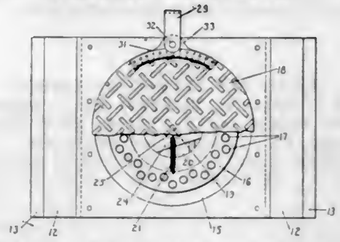


1. A strainer for fluid lines including a casing having a fluid inlet, a fluid outlet and a foreign matter discharge outlet, a hollow cap removably associated with the casing in covering relation with the foreign matter discharge outlet, a tubular strainer within the casing communicating respectively at its opposite ends with the fluid inlet and the foreign matter discharge outlet and intercepting the flow of fluid from the inlet to the fluid outlet, and a scraper including a shaft journaled for rotation within the casing and having an operating portion exterior thereof and a helical scraper blade connected to and spaced from the shaft to permit of the flow of the fluid between the blade and the shaft, said blade having its outer edge engaging the inner surface of the strainer to dislodge and deposit within the cap foreign matter intercepted by the strainer.

2,125,533
BIOLOGICALS
Howard M. Winegarden, Oakland, and Frances W. Westfall, Roland C. Hawes, and Fred W. Wood, Berkeley, Calif., assignors to The Cutter Laboratory, Berkeley, Calif., a corporation of California
No Drawing. Application January 12, 1934, Serial No. 706,406
3 Claims. (Cl. 167—78)

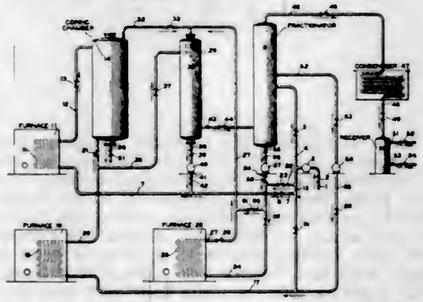
1. A blackleg antigen incorporated in an adsorbent and astringent comprising aluminum hydroxide.

2,125,534
RADIUS GAUGE FOR AUTOMOBILES
Henry Wochner, Rock Island, Ill., assignor to Bear Manufacturing Company, Rock Island, Ill., a corporation
Application February 6, 1936, Serial No. 62,666
Renewed November 24, 1937
4 Claims. (Cl. 33—203)



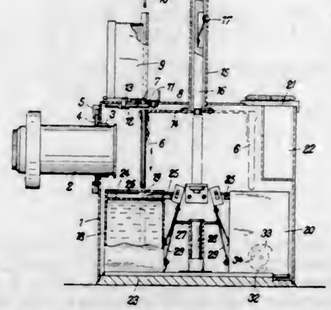
1. A device of the class described, comprising a base, a wheel supporting disk mounted thereon for rotation, an anchor-plate for said disk in said base, and a compound leverage between said anchor-plate and base comprising two pairs of arms and connections between one of said pairs and the other pair, with a substantially right-angle disposition of one pair to the other, whereby said anchor-plate and disk are capable of a free movement in a horizontal plane.

2,125,535
CONVERSION OF HYDROCARBON OILS
Charles H. Angell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application January 25, 1936, Serial No. 60,819
5 Claims. (Cl. 196—48)



1. In a process for the conversion of hydrocarbon oils, wherein an oil of relatively high boiling characteristics is subjected to conversion conditions of cracking temperature and superatmospheric pressure in a heating coil, the heated products introduced into an enlarged reaction chamber, also maintained at a substantial superatmospheric pressure and at cracking temperature, wherein vaporous and residual liquid conversion products separate, the vapors subjected to fractionation for the formation of reflux condensate which is separated into selected relatively low boiling and high boiling fractions, the latter returned to said heating coil for further cracking, fractionated vapors of the desired end boiling point subjected to condensation and the resulting distillate recovered, the improvement which comprises separately removing residual liquid conversion products from the reaction chamber, heating the same to a high conversion temperature under non-coking conditions in a separate heating oil, introducing the resulting heated products into an enlarged coking chamber wherein their non-vaporous components are reduced to coke, withdrawing vaporous products from the coking chamber and supplying the same for further cracking to the reaction chamber, subjecting said selected low boiling fractions of the reflux condensate to independently controlled conversion conditions of cracking temperature and superatmospheric pressure in another separate heating coil, and introducing regulated quantities of the resulting heated products into the reaction chamber.

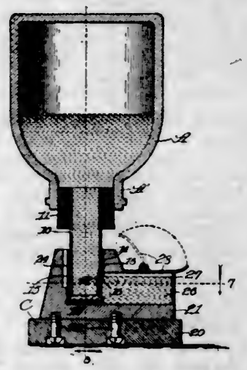
2,125,536
PHOTOGRAPHIC CAMERA WITH BUILT-IN DEVELOPING DEVICE
Paul Baumgarten, Berlin-Halensee, Germany, assignor of one-half to Paul W. Rosenfeld, Berlin-Dahlen, Germany
Application December 15, 1936, Serial No. 116,015
In Germany December 24, 1935
14 Claims. (Cl. 95—13)



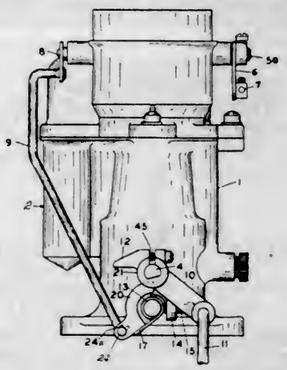
1. In a developing camera for sensitized plates, comprising a camera box having a lens system, a vertically movable carrier to receive the plates to be exposed and developed and turnable about a vertical axis and arranged behind said lens system, and developing means comprising developing and fixing tanks enclosed within the camera box, said carrier being operable to dip the plates successively in said tanks.

2,125,537
LIQUID DISPENSING MEANS
George Boden, Waterbury, and John L. Flannery, Canton, Conn.
Application September 1, 1937, Serial No. 162,036
10 Claims. (Cl. 120—59)

1. In a device of the character set forth, a base equipped with a vertical well and a horizontal channel communicating with said vertical well, a liquid receptacle provided with an outlet pipe, said outlet pipe being provided near its lower end with a discharge slot and a rotary sleeve adapted to close said slot and provided with a slot adapted to be brought into alignment with the first-mentioned slot to permit discharge of liquid from said pipe, and cooperating means carried by said sleeve and said base member for locking said sleeve against movement to permit opening and closing of said discharge slot when said container is rotated.

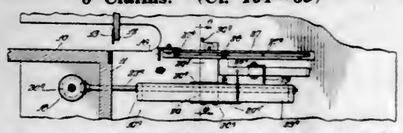


2,125,538
CONTROL LEVER
Leonard D. Boyce, Maplewood, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application December 21, 1933, Serial No. 703,341
9 Claims. (Cl. 261—52)



1. In a carburetor having a main body member, a throttle valve shaft projecting from said member, a pivot on said member and having an axis parallel and adjacent to the axis of the throttle shaft, an operating lever mounted on said throttle shaft, means for preventing axial movement of said operating lever with respect to said shaft, and a cam member rotatably mounted on said pivot for cooperating with said lever to affect the functioning of said throttle valve, said cam member having a projection extending between said operating lever and said body member, said projection constituting a means for preventing dis-assembly of said cam member from said pivot.

2,125,539
BACK GAUGE FOR SQUARING SHEARS
Robert L. Brownlee, Chicago, Ill., assignor to Dreis & Krump Mfg. Company, Chicago, Ill.
Application September 23, 1935, Serial No. 41,804
6 Claims. (Cl. 164—59)



1. In a squaring shear, a back gauge, a frontal shaft forming a control therefor, companion screws geared to and extending rearwardly of the shaft, traveling supports threaded on the screws, and hangers suspended from horizontal pivots in the supports, the hangers extending horizontally forward and the gauge being attached to the frontal portions of the hangers.

2,125,540
FASTENING DEVICE
Carl I. Carlson, Jennings Lodge, Oreg.
Application August 15, 1936, Serial No. 96,260
1 Claim. (Cl. 24—263)



A garter fastener comprising a receptacle and a tapered wedge for engagement with the receptacle, said receptacle being made of a single piece of wire formed into two transverse portions and two converging longitudinal portions, the longitudinal portions being spaced from the transverse portions and inset from the ends thereof to form two opposed semi-circular portions at each end of the receptacle, said wedge being made of a single piece of wire and formed into two transverse portions and two converging longitudinal portions for wedging engagement within said receptacle.

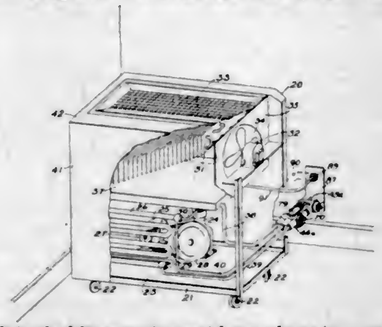
2,125,541
PISTON RING
Paul Carlton, St. Louis, Mo.
Application July 3, 1936, Serial No. 88,740
13 Claims. (Cl. 309—24)



1. A piston ring comprising a plurality of intertwined helical steel ribbons, each of said ribbons having a deformation in one turn thereof, said deformation having two parallel sections angularly disposed to the plane of the piston ring.

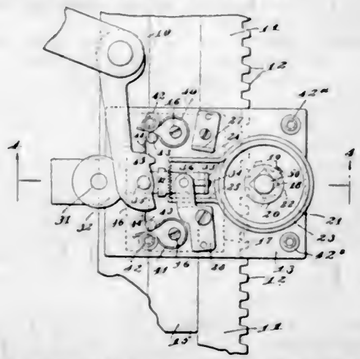
2,125,542
PORTABLE REFRIGERATING DEVICE, PARTICULARLY FOR AIR CONDITIONING
Everett S. Catterlin, New York, N. Y.
Application November 28, 1934, Serial No. 755,114
4 Claims. (Cl. 62—129)

2. In a cooling device for portable refrigerating mechanisms, a coupling comprising two oppositely disposed members each having a plurality of fluid passages formed therein, one of said members being mounted in fixed relation to the plumbing of a building and having one of its passages connected to a source of fluid and the other of said members being secured to said portable device adapted to utilize said fluid, cam means



for detachably securing said members in cooperative relation, and a multiple valve in each member for simultaneously closing the passages therein to prevent the egress of fluid from any of said passages when said members are disassociated.

2,125,543
WINDOW LOCK
Daniel L. Chandler, Somerville, Mass., assignor to Aresee Company, Inc., Salem, Mass., a corporation of Massachusetts
Application June 28, 1937, Serial No. 150,693
5 Claims. (Cl. 192—8)



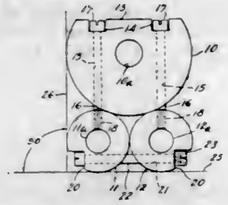
1. An improved friction lock for window elevating mechanisms comprising in combination, a lock base member secured to a slide member located between two guide members, one of said guide members being provided with rack teeth on its outer edge, a pinion engaging in said rack teeth and journalled in said base member, a friction drum secured to said pinion, a coil spring provided with a plurality of convolutions surrounding the periphery of said friction drum, the normal internal diameter of said convolutions being slightly less than the outer periphery of said drum, substantially parallelly disposed extension members comprising the two ends of said spring extending away from said convolutions and connected together at their ends by means of a tension spring, a lever pivoted to said base member one end of which extends between the said parallelly disposed spring extension members and having an up-turned portion located on its free end, one end of a secondary lever engaged in said up-turned portion of said lever, said secondary lever being pivoted in a bracket member attached to said base member, back contact members located on said secondary lever being adapted to engage the up-turned ends of said spring extension members, stop members attached to said base member being adapted to limit the expansion movement of said spring extension members, an operating lever pivoted to said first lever at a point between the pivot point and the up-turned end of said first lever, said operating lever being adapted to operate said first and secondary levers for the purpose of separating the extension members of said spring convolutions, neutralizing springs attached to said base member adapted to engage cam surfaces on said operating lever for the purpose of centering and neutralizing said levers.

2,125,544
PROCESS OF TREATING VEGETABLE AND ANIMAL OILS AND PRODUCT OBTAINED THEREBY
Ivor M. Colbeth, East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application May 1, 1934, Serial No. 723,354
14 Claims. (Cl. 87—12)

1. The process which comprises treating vegetable or animal oil containing an oxyacid radical with a boron compound by heating until foaming practically ceases and a tough resilient product is formed that will flow slowly when it is cold.

2. The process which comprises treating oxidized vegetable or animal oil containing an oxyacid radical with a boron compound by heating until foaming practically ceases and a tough resilient product is formed that will flow slowly when it is cold.

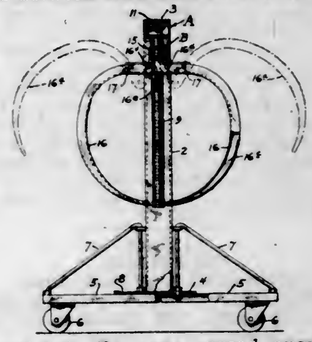
2,125,545
GAUGE
James O. Coleman, South Gate, Calif., assignor of one-half to Marcus A. Gartner, Los Angeles, Calif.
Application February 14, 1938, Serial No. 190,467
7 Claims. (Cl. 33—174)



1. In a device of the kind described, a major circular member, two minor circular members each of which is one-half the diameter of said major circular member, and means whereby all three of said members are secured together in positions wherein each of said members contacts peripherally with the other two.

2,125,546
PORTABLE LIFTING DEVICE
Thomas E. Corr, San Francisco, Calif.
Application February 17, 1937, Serial No. 126,184
3 Claims. (Cl. 5—86)

1. In a lifting device of the character described an elongated frame, a lifting beam guided and vertically movable in the frame, a plurality of hangers movable longitudinally of the beam, a pair of arcuate supporting arms independently pivoted to each hanger, a spring interposed between each arm and hanger to normally maintain the arms spread apart, means for limiting the movement of the arms towards each other, and a resilient support for each end of the beam.

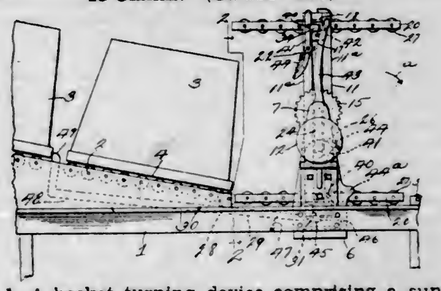


2,125,547
SELF-DUMPING ELEVATOR
George P. Coughlin, Fairbanks, Alaska
Application March 26, 1937, Serial No. 133,234
6 Claims. (Cl. 214—120)



1. An elevator adapted for vertical movement from loading to dumping positions and comprising a deck having forward and rear edges, a bucket pivotally mounted on the rear edge of said deck, means for tripping the bucket, and a gravity actuated scoop on the forward edge of the deck whereby material under the deck will be removed as the elevator approaches loading position.

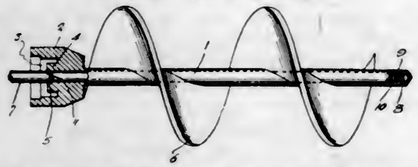
2,125,548
PACKAGE INVERTING DEVICE
John S. Cowl, Swoope, Va.
Application January 15, 1937, Serial No. 120,802
13 Claims. (Cl. 214—130)



1. A basket turning device comprising a support, a rotatable frame within said support, said

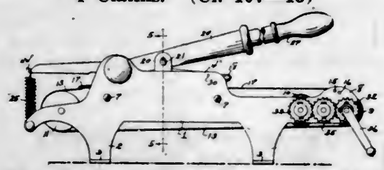
frame being in a vertical plane and adapted to receive therein a basket to be inverted, gripping frames slidably mounted in the ends of the rotatable frame, basket control means for moving the gripping members inwardly when either gripping member is in upper position, latching means for maintaining the gripping members in outer position when the rotatable frame is in a vertical position, the gripping members when in upper position being held raised by latching means, and members cooperating with the latching means whereby upon initial rotation of the frame the upper gripping member will be allowed to move inwardly under control of the basket and upon continued rotation of the frame will be latched in outward position.

2,125,549
PROPELLER
Benjamin H. Deal, Price, Utah
Application May 7, 1937, Serial No. 141,341
1 Claim. (Cl. 170—156)



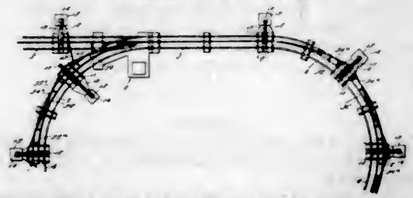
In a propeller assembly, a propeller shaft having a reduced threaded rear extremity and a pin extending diametrically through the shaft at a point remote from and forwardly of said extremity, and a propeller including an elongated tubular hub member telescoping over said shaft and provided with an enlarged head at the front end thereof having a stepped chamber therein through which said shaft extends and an annular boss at the back of said chamber surrounding said shaft and provided with a front face having a diametrical groove therein for seating the above mentioned pin, and a nut threaded onto said extremity of the shaft and locked thereto.

2,125,550
TORTILLA MACHINE
Joseph G. Curry, San Antonio, Tex.
Application March 1, 1937, Serial No. 128,540
4 Claims. (Cl. 107—15)



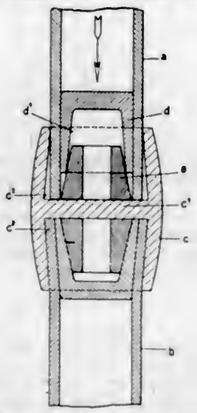
1. A cake forming machine comprising a trough like frame, supporting legs for the frame, a pressing table bridging the frame, a presser plate cooperating with the table, a shaft rockably mounted in the frame, a handled lever fixed intermediate its ends to the shaft and having a hooked end, U-shaped means formed on and rising from the presser plate and having slots in the arms thereof, means securing the lever to and between the arms and mounted in the slots for slidable movement, a cross member bridging the frame, a coil spring secured to said cross member and the hooked end of the lever respectively for holding the presser plate elevated above the table, lever abutment means formed on and rising from the presser plate between the arms, to provide direct pressure between the lever and the plate, conveying means including means looped upon itself to provide superimposed portions forming a pocket to receive dough therein, handled gear means for moving the conveying means for disposing the superimposed portions between the table and plate to form a cake from the dough upon downward movement of the lever and for conveying the cake therefrom, and means for discharging the cake from the belt.

2,125,551
TOY RAILWAY EQUIPMENT
George W. Davis, Trenton, N. J.
Application February 25, 1937, Serial No. 127,755
2 Claims. (Cl. 191—40)



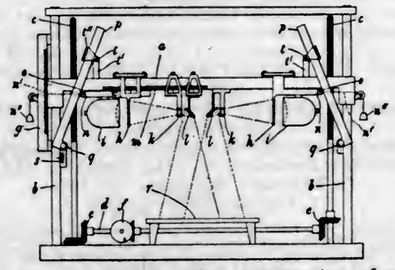
1. In a toy electric railway system including a track and sleepers supporting the track, an overhead third rail structure including poles detachably secured to said sleepers, an arm extending laterally from each pole over said track, an insulator suspended from the outer end of each arm, a transmission line including grid-like sections of tubular metal detachably secured together in end-to-end adjoining relation and each comprising a lower rod for engagement by a trolley and an upper brace rod, and means for detachably securing said sections to said insulators comprising eyelet members on the ends of the upper rods, eyebolts in the bottom of the insulators extending through the eyelet members of adjoining upper rods, respectively, coiled springs depending from the eyebolts and terminating in loops, and hooks on the ends of the lower rods extending through said loops.

2,125,552
THREADLESS TUBE CONNECTION
Paul Feidhoff, Radevormwald/Rhineland, Germany, assignor to "Kronprinz" Aktiengesellschaft für Metallindustrie, Solingen-Ohligs/-Rhineland, Germany, a corporation of Germany
Application July 7, 1936, Serial No. 89,353
In Germany December 12, 1935
1 Claim. (Cl. 287—113)



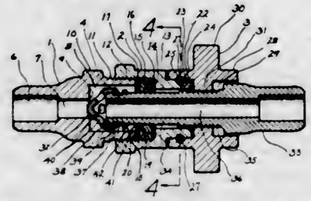
A threadless tube connection for long and thin walled tubes comprising an outer sleeve having a conical interior receiving the ends of the tubes, a transverse partition in said sleeve, conical members disposed against each side of said partition interiorly of the tube ends and hollow cylindrical members inserted between the cones and the tubes, said cylindrical members being interiorly conical, to force the tube ends against the outer sleeve.

2,125,553
CONSTRUCTION OF MAPS FROM PHOTOGRAPHS TAKEN FROM THE AIR
Henry Georges Fourcade, Humansdorp, Cape Province, South Africa
Application April 12, 1937, Serial No. 136,481
In Great Britain May 11, 1936
7 Claims. (Cl. 33—20)



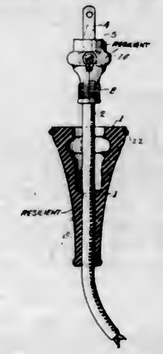
1. An apparatus for the construction of maps from photographs taken from the air, by means of the coincidences of projected images of the photographs, comprising in combination a vertically movable bridge, two projection systems for the construction of maps, both carried by the bridge, and means for simultaneously and automatically keeping the scale of the coinciding parts of the images constant, the images in focus and the displacement of the bridge proportional to the height of the coinciding parts of the images, consisting of a plate carriage displaceable on the bridge, and a pivoted straight rule adapted to cooperate with the bridge and with the plate carriage.

2,125,554
LINE VALVE
George E. Franck, Berwyn, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill.
Application August 17, 1936, Serial No. 96,426
12 Claims. (Cl. 251—8)



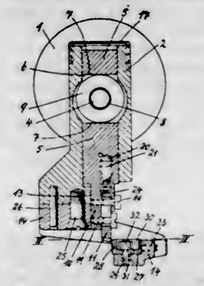
1. A valve device for a fluid line comprising member for opening and closing the valve device. a body member including one element connectible at one of its ends with the fluid line and having at the other end an extension, a recess in said extension, and a valve seat at the bottom of said recess; another element having a pocket to engage the extension on the first element, a packing gland at the bottom of said pocket having packing material therein and a ring of rigid material surmounting the packing material, said gland being impressed between said body elements, and a valve member including a floating valve cap and a valve stem, said valve member extending through the pocket and the recess in the body member and encompassed by said packing gland; means for loosely attaching the valve cap to one end of the stem to permit said valve cap to find its own seat when the valve device is closed, means forming a passage for fluid extending through the valve and the stem, a means at the other end of said stem for connecting the device with the fluid line, an annular offset on said valve member cooperable with the ring of rigid material to form a seal to minimize leakage from said valve device when in open position, and a handle member engaging the body member and the valve member for opening and closing the valve device.

2,125,555
ELECTRICAL CONNECTER
Walter A. Frantz, Cleveland, Ohio
Application July 9, 1928, Serial No. 291,323
15 Claims. (Cl. 173—36)



4. A detachable terminal plug for an electric cable having conductor strands comprising, a separable soft rubber inner and outer sections, contact terminal members carried by said plug and projecting outwardly therefrom, means for detachably connecting the conductor strands to said contact terminal members and means to tightly clamp both of said sections to the body of the cable.

2,125,556
SHEARING MACHINE
Fritz Gleich, Weil-in-the-Dorf, near Stuttgart, Germany
Application January 29, 1937, Serial No. 123,053
6 Claims. (Cl. 30—272)



1. In a hand operable shearing machine the combination of a casing serving as a handle, an electromotor in said casing, a driven shaft therein, a housing attached to said casing at right angles thereto and having a cylindrical bore and

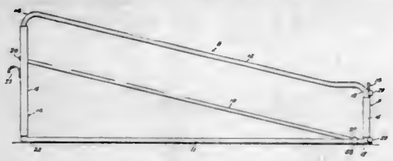
having a flat guide surface parallel with the axis of said bore, a reciprocatable shear blade holder having a cylindrical part slidable in said bore and having outside said bore a flattened part in contact with said guide surface, said cylindrical part of said holder having a recess having two flat wall surfaces in planes perpendicular to the axis of said cylindrical part, and the driven shaft having at one end an eccentric pin extending into said recess, and a ring rotatably mounted on said pin in sliding contact with said flat wall surfaces of said recess.

2,125,557

COMMODITY ACCOMMODATION AND VENDING RACK

Sylvan N. Goldman, Oklahoma City, Okla.

Application December 22, 1937, Serial No. 181,228
4 Claims. (Cl. 211—74)



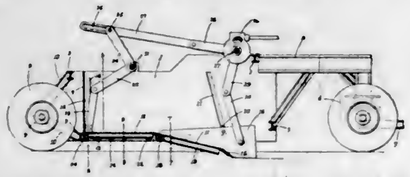
1. In a rack of the class described, a pair of longitudinal side frames, forward and rear transverse plates hingedly attached at their opposite ends to the adjacent front and rear ends of said longitudinal side frames, and an inclined channel-shaped longitudinally elongated bottle support detachably connected at opposite ends to the transverse end plates.

2,125,558

CARRYING SCRAPER

Rolland A. Grant, Lodi, Calif.

Application July 6, 1936, Serial No. 88,988
9 Claims. (Cl. 37—126)



1. A scraper comprising a wheel supported body which includes side plates, separate front and rear bottom plates disposed between the side plates normally forming a continuous load supporting surface, a scraper blade across the forward end of the front bottom plate, means operable at will to separate the bottom plates at their adjacent ends to provide a gap for dumping, at the same time causing said plates to have a downward tilt toward said gap and means mounting the plates so that with such movement their adjacent ends will remain in their original horizontal plane.

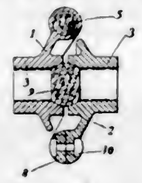
2,125,559

COUPLING FOR THE TRANSMISSION OF POWER OR MOVEMENT

William Wilson Hamill, Chigwell, England

Application June 24, 1935, Serial No. 28,046
In Great Britain June 26, 1934
6 Claims. (Cl. 64—14)

5. A flexible coupling for shafts arranged in axial alignment and otherwise disconnected, comprising an annular series of resilient bodies arranged in a plane concentric with and beyond both shafts, means for exerting initial compres-



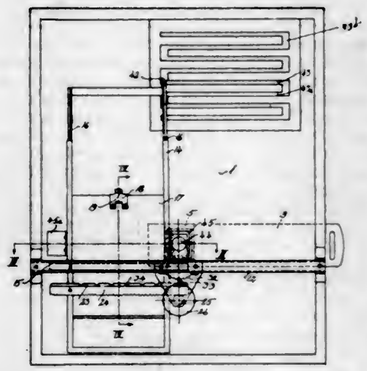
sion on said bodies in the normal relation of the shafts and independent of shaft movement, and a compressible body interposed between the ends of the shafts and in the axial line thereof.

2,125,560

PHOTOGRAPHIC CAMERA FOR MULTI-PHOTOGRAPHY

Jens Peter Hansen, Copenhagen, Denmark

Application December 21, 1934, Serial No. 758,674
In Denmark December 23, 1933
3 Claims. (Cl. 95—36)



1. The combination in a camera for multiple photography, of a work plate, a lens disposed within the camera in alignment with an aperture formed in the work plate, a guide device traversing the work plate and attached by its ends thereto, a frame disposed to move horizontally between the work plate and the guide device and guided by the latter, rotatable means journaled in a fixture attached to the guide device to cooperate with rigid means traversing the frame for displacing the latter laterally in relation to the lens aperture in the work plate, a sensitized material carrier, a holder for the said carrier disposed for vertical displacement within the frame, recessed guiding means arranged on the rear side of the work plate to cooperate with a guide member attached to an extension on the holder for displacing the latter during its downward passage in relation to the lens aperture in the work plate when the frame is in one of its extreme lateral positions, a ground glass plate attached to the side of the frame and so disposed as to be carried into alignment with the lens aperture in the work plate when the frame reaches one of its extreme lateral positions, a longitudinal recess in the work plate traversing the lens aperture in the work plate, and a mask slide disposed within the recess for displacement longitudinally therein.

2,125,561

ANTISYPHILITIC PREPARATION AND PROCESS OF MANUFACTURE

Paul J. Hanzlik, San Mateo, Calif., assignor to Board of Trustees of Leland Stanford Jr. University of California

No Drawing. Application February 14, 1936, Serial No. 63,941
7 Claims. (Cl. 167—68)

1. In an antisyphilitic preparation, the bismuth product resulting from the exothermic incorporation of sodium bismuthate with triisopropanolamine, capable of forming feather-shaped clusters of needle-like crystals.

2,125,562

CHEWING GUM BASE

George A. Hatherell, Roscoe, Calif., assignor to Frank A. Garbutt, Los Angeles, Calif.

No Drawing. Application July 17, 1936, Serial No. 91,101
5 Claims. (Cl. 99—135)

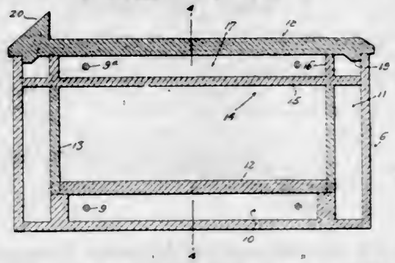
1. A chewing gum base containing water, rubber, and a cyclic aromatic petroleum resin.

2,125,563

BURIAL VAULT

Benjiman Franklin Hays, Hamburg, Iowa

Application September 30, 1937, Serial No. 166,643
1 Claim. (Cl. 72—7)



In a burial vault construction of the class described a box-like concrete vault comprising a unitary pre-cast structure including a bottom, side and end walls and a riser attached to and rising from the interior of the bottom, said riser being a rectangular frame-like form and spaced from the side and end walls and forming an air cavity, a casket receptacle coextensive with the riser and seated on the upper edges of said riser and covering said cavity, said receptacle being spaced from the walls of the vault to provide an air space entirely surrounding the receptacle, a horizontal partitioning unit removably positioned in the vault and covering said receptacle, said partition further constituting a top for the air space and being provided with an upstanding rectangular frame providing an additional air space above the receptacle, a removable cover seated upon the upper edges of the vault and said last named frame and a plurality of pipes affording communication between the spaces surrounding the receptacle.

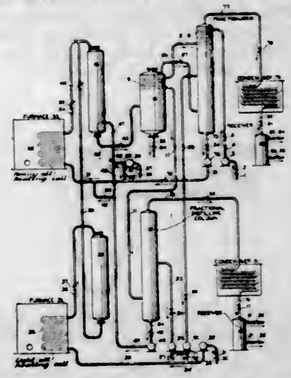
2,125,564

CONVERSION OF HYDROCARBON OILS

Jacob Benjamin Held, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application October 12, 1934, Serial No. 748,032
9 Claims. (Cl. 196—48)

1. In a process for the conversion of hydrocarbon oils wherein relatively low-boiling and relatively high-boiling oils are subjected to independently controlled conversion conditions of elevated temperature and superatmospheric pressure each in a separate heating coil and communicating reaction chamber, the improvement which comprises withdrawing both vaporous and liquid conversion products from the reaction chamber succeeding the light oil heating coil and passing the same through the reaction chamber to which the heated products from the heavy oil heating coil are directly supplied, withdrawing liquid and vaporous conversion products from the last mentioned reaction chamber, subjecting the



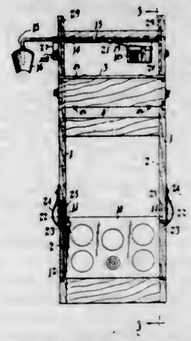
latter to further vaporization at substantially reduced pressure, subjecting the vaporous products, including those evolved by said further vaporization, to fractionation, whereby their insufficiently converted components are condensed as reflux condensate and separated into selected relatively low-boiling and high-boiling fractions, returning selected relatively low-boiling and high-boiling fractions of the reflux condensate, respectively, to the light oil and heavy oil heating coils for further conversion, subjecting fractionated vapors of the desired end-boiling point to condensation and recovering the resulting products.

2,125,565

TARGET APPARATUS

William Archibald Hibberd, Toronto, Ontario, Canada

Application May 1, 1937, Serial No. 140,089
8 Claims. (Cl. 273—102)



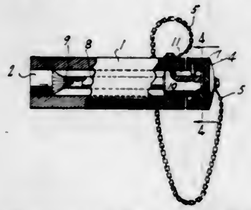
1. Target apparatus comprising a plurality of target units; a substantially vertical chute down which the target units are slidable; a spring catch at one side of the chute, each target being formed with a downwardly facing shoulder at one side

near the top and engageable by the catch, and a lateral projection adjacent the bottom; and a catch releasing pin engaging the catch and having a bevelled end engageable by the side edge of the lateral projection of a following target to release the catch from engagement with the shoulder of a preceding target, the said edge being sufficiently long to hold the catch retracted till the lower edge of the following target has passed the catch.

2,125,566

SHARPENING TOOL FOR PAPER DRILLS

Harry S. Hill, Portland, Oreg., assignor to Harry Hill Manufacturing Co., Portland, Oreg.
Application March 2, 1936, Serial No. 66,693
2 Claims. (Cl. 76—82)

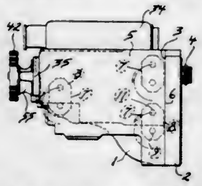


1. A sharpening tool for paper drills comprising a hollow cylindrical body member whose inside diameter is equal to the outside diameter of the head of a paper drill, a sharpening element mounted on the interior of the body member at one of its ends, rotatable means disposed at the opposite end of the body member and adapted to impart rotary motion to a paper drill disposed within the body member.

2,125,567

PHOTOGRAPHIC CAMERA

Albert S. Howell, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a corporation of Illinois
Application January 5, 1937, Serial No. 119,103
8 Claims. (Cl. 88—16)

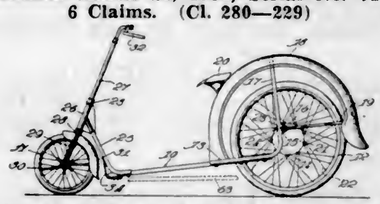


1. In a photographic camera the combination with a photographic lens carrying member comprising a base portion and a forwardly disposed lens carrying portion extending upwardly from said base portion and providing a rearwardly facing surface, and a camera body overlying said base portion and arranged rearwardly of said lens carrying portion and providing a forwardly facing surface engageable with said rearwardly facing surface, of a plurality of correspondingly disposed and spaced cooperating pivot arm devices operative between said base portion and said camera body and each of which is pivotally connected with said base portion and said camera body on spaced parallel axes disposed normal to an axial plane of said lens, said devices affording arcual bodily shifting of said camera body relative to said lens carrying member in said plane, said surfaces engaging in at least one terminal position of said camera body.

2,125,568

SELF-PROPELLING VEHICLE

Phillip H. Huyssen and Prescott S. Huyssen, Chicago, Ill.
Application March 24, 1934, Serial No. 717,230
6 Claims. (Cl. 280—229)

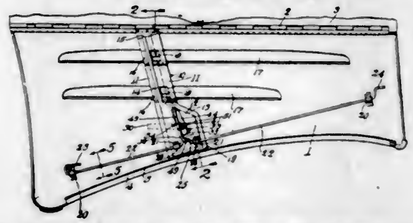


1. In a vehicle, a pair of spaced wheels, at least one of which is a drive-wheel, a footboard, means for suspending the board between the wheels, said means providing an eccentric connection with the drive-wheel, and releasable coaster means associated with the drive-wheel for providing an eccentric axis rotation for the drive-wheel.

2,125,569

HOOD

Dibrell P. Hynes, Evanston, Ill., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill., a corporation of Illinois
Application March 12, 1936, Serial No. 68,431
7 Claims. (Cl. 180—69)

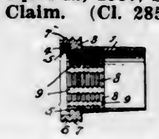


1. In combination, a generally horizontally hinged automobile hood closure having a plurality of longitudinally extending louvres and a portion free from louvres adjacent the lower edge of the closure, a brace secured to the inner face of said closure and bridging said louvres, said brace including a widened portion opposed to the inner face of the louvre-free portion of said closure.

2,125,570

PIPE COUPLING

James N. Ice, Wheeling, W. Va., assignor to Dise Engineering & Manufacturing Company, Wheeling, W. Va.
Application April 12, 1937, Serial No. 136,445
1 Claim. (Cl. 285—145)



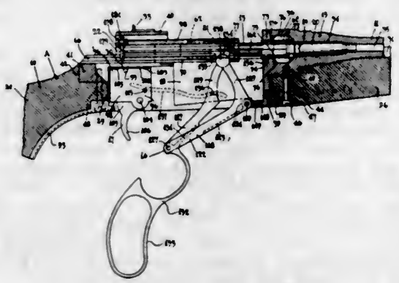
A pipe coupling unit including a member to fit over one pipe end, and thread cutting elements on the interior of said member to cut threads on the member to which the pipe is being applied to insure threaded connection of the member with the pipe end, said thread cutting elements being provided as a series of longitudinally extending thread cutting sections separated by plain channels, said thread cutting elements having their trailing ends of maximum thread cutting depth

and their leading ends of reduced depth, whereby the threading operation in applying the first mentioned member is perfected solely by turning the first mentioned member.

2,125,571

GUN

Ernest F. Jacobson, Minneapolis, Minn.
Application January 10, 1935, Serial No. 1,095
15 Claims. (Cl. 42—16)



1. In a gun having a sliding bolt mechanism including a sliding bolt, a locking mechanism for said bolt, said bolt mechanism actuating said locking mechanism throughout a portion of the travel of said bolt mechanism to effect locking of the bolt with respect to the barrel, said bolt mechanism being movable throughout another portion of its travel to direct cartridges into and out of the cartridge chamber, a lever action for moving said bolt, said lever action including a power lever for moving said bolt during locking and unlocking thereof and a speed lever for moving said bolt during the movement of the cartridge, and means for guiding said levers for movement.

2,125,572

DISPENSER

Harold F. Johnston, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application July 2, 1936, Serial No. 88,521
16 Claims. (Cl. 221—102)

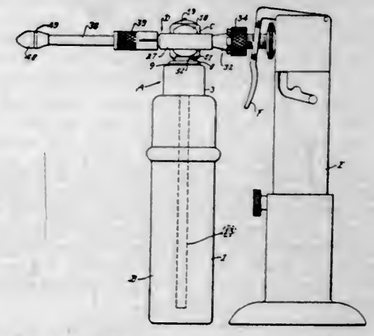


1. A liquid dispenser of the class described including a closure cap adapted for attachment to a container and having a raised top portion with perforations therethrough, a depending cylindrical member secured to the cap having an inlet in its lower end, a valve covering the inlet, a piston within the cylinder having means for engagement and operation, a spring to normally hold the piston in an extended normal position, the said piston being provided with perforations therethrough, a relatively flat valve member secured on the piston and having extended leaves registering with and covering the perforations and adapted to yield and uncover the perforations with movement of the piston.

2,125,573

ATOMIZER

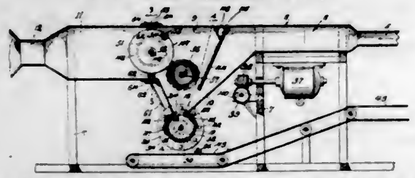
Isaac D. Kelley, Jr., St. Louis, Mo.
Application August 10, 1936, Serial No. 95,147
7 Claims. (Cl. 299—89)



1. An atomizer comprising a container for fluid, a closure element for said container adjustable to open and closed positions and provided with passageways formed transversely therethrough for the passage of fluid, said closure element including a portion fixedly mounted on said container and a portion supported by said fixedly mounted portion for rotary movement with respect thereto, and a spraying arm adapted for detachable attachment to the rotary portion of said closure element, said spraying arm including a portion so shaped that said closure element is disposed between parts of said spraying arm, and said spraying arm being provided with fluid passageways which are formed only in the parts of the spraying arm which are located at opposite sides of the closure element, the passageways of the closure element and of the spraying arm being adapted for communication with each other whereby fluid may pass through the passageways of the spraying arm and closure element.

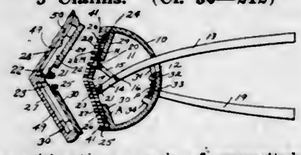
4. An atomizer comprising a container for fluid, a closure element for said container including an inner portion fixedly mounted on said container and an outer portion supported by and arranged for rotary movement with respect to said inner portion, said inner portion being provided with opposed openings and said outer rotary portion being provided with openings adapted on rotation of said rotary portion to be moved into and out of registration with the opposed openings of said inner portion so as to place the closure element of the atomizer in open or closed condition, a restricted passageway connecting the opposed openings of said inner portion of the closure element, a fluid conductor communicating at its upper end directly with said restricted passageway and communicating at its lower end with the interior of the container, said restricted passageway providing a mixing chamber wherein fluid withdrawn from said container through said conductor and air or gas introduced into the atomizer are commingled, means for preventing vertical movement of said outer rotary portion of the closure element of the atomizer with respect to said inner portion of said closure element, and a spraying arm adapted for detachable attachment to said closure element to and through which commingled fluid and air or gas are directed.

2,125,574
SEPARATING MEANS
Jesse L. Knight, Montgomery, and Charles R. Stahl, Kimberly, W. Va.
Application April 23, 1936, Serial No. 76,032
2 Claims. (Cl. 183—51)



1. In apparatus of the character described, the combination of an air duct having an inlet and an outlet and an air velocity reducing enlargement intermediate said inlet and outlet, means for inducing a flow of solid particle bearing air through the duct, a solid particle collecting hopper associated with said enlargement, a first contacted baffle screen of relatively large mesh swingably supported in the duct traversing said enlargement, and a second contacted rotary cylindrical screen of relatively small mesh traversing said duct in said enlargement.

2,125,575
DUPLEX CLIPPERS
Godfrey Kotzin, Los Angeles, Calif.
Application June 13, 1936, Serial No. 85,113
5 Claims. (Cl. 30—212)



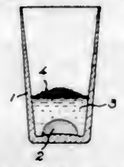
2. In combination a pair of oppositely and angularly disposed hair clipping cutters adapted to move towards and from each other, a unitary fixed comb extending in overlying contact with said cutters and hand operated means adapted to impart motion to the cutters.

2,125,576
CHANGEABLE SIGN
Lee C. Loy, Tyler, Tex.
Application December 22, 1936, Serial No. 117,196
7 Claims. (Cl. 40—125)



1. In a sign construction, a sign element, and mounting means including a support-engaging member formed with a socket and having resilient jaws at opposite sides of the socket, and an anchoring member carried by the sign element and adapted to be forced into the socket of the support-engaging member and firmly gripped by said jaws, the anchoring member being provided at one end with means for engaging between the support-engaging member and a support and aiding said jaws in maintaining the anchoring member in the socket.

2,125,577
AUXILIARY MEDICAL AGENT AND METHOD OF PREPARING THE SAME
Akiyoshi Matsumae, Kumamoto, Japan
Application September 10, 1936, Serial No. 100,168
6 Claims. (Cl. 167—57)



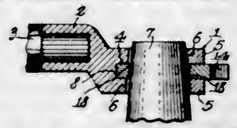
1. A method of preparing an auxiliary medical agent to be used for the administration of oily and unpleasant tasting medicines, which comprises mixing an alkali metal compound of carbonic acid, an acid reacting substance which will set free carbon dioxide from the said compound when the mixture is added to water, a water soluble adhesive gum, a flavoring substance and a perfume, and finely grinding the mixture, the said mixture, upon the addition of water yielding a pleasant tasting liquid, and a mass of lasting bubbles of carbon dioxide.

2,125,578
CASING REPAIR
Thomas W. Mullen, Indianapolis, Ind., assignor to Bowes Seal-Fast Corporation, Indianapolis, Ind.
Application October 24, 1936, Serial No. 107,384
11 Claims. (Cl. 152—370)



6. A tire repair patch flexible in nature having an outer peripheral zone adapted to contact initially an appreciable area of the tire, and having a central zone to receive and carry a quantity of tire hole sealing, initially flowable material, and a pilot extending from said zone, said central zone comprising a pocket formed in the patch, a cover over said pocket having an orifice therein from which said pilot extends, said pilot extending into said pocket and having a head therein detachably retaining the pilot in position.

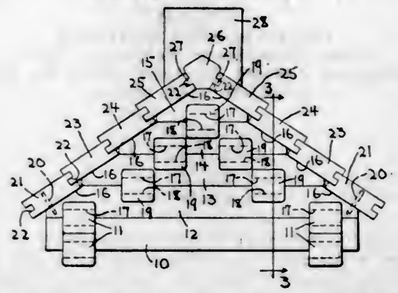
2,125,579
BATTERY CONNECTER
Lawrence O'Brien, Mount Pulaski, Ill., assignor of one-third to Charles E. Hildreth and one-third to Effie Zimmermann, Mount Pulaski, Ill.
Application March 22, 1937, Serial No. 132,418
2 Claims. (Cl. 173—259)



1. In a device for fastening conductors to battery terminals, a first member having an opening for the reception of a battery terminal, and provided with a bearing surface located inwardly

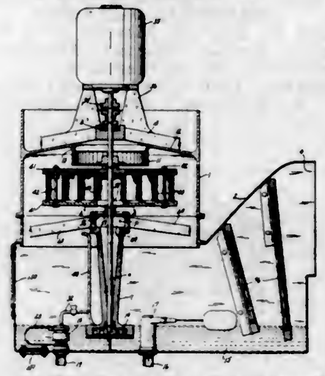
of the opening, and a second member having an opening disposed in approximate registration with the opening of the first member to receive a battery terminal, the axis of the opening of the second member being disposed otherwise than at a right angle to the outer surface of the second member, thereby defining, in the second member, sharpened biting edges for engagement with a battery terminal, the second member being provided with a cam engageable with the bearing surface when the second member is swung on a battery terminal, thereby to produce relative movement between the first and second members, transversely of a battery terminal, and to cause the battery terminal to be gripped in the openings and by the said sharpened biting edges of the second member, the first and second members being interengaged against relative movement longitudinally of a battery terminal.

2,125,580
ROOF AND GABLE CONSTRUCTION FOR TOY BUILDINGS
Nils I. Paulson, Chicago, Ill., assignor to Halsam Products Company, Chicago, Ill., a corporation of Illinois
Application April 5, 1937, Serial No. 135,053
6 Claims. (Cl. 46—20)



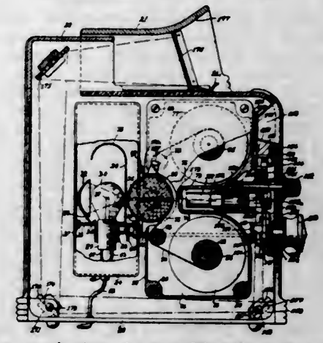
1. In a toy building construction, the combination of a series of log members having similarly beveled end faces extending downwardly and outwardly with the obliquely disposed end face of each log at each end offset downwardly with respect to the obliquely disposed end face of the next higher log.

2,125,581
APPARATUS FOR CONDITIONING AIR
Edwin S. Pearce, Indianapolis, Ind.
Application January 4, 1934, Serial No. 705,262
9 Claims. (Cl. 261—90)



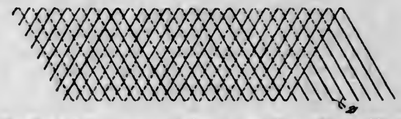
1. Air conditioning apparatus, comprising a casing having an air inlet and an air outlet, means for producing a flow of air through said casing from the inlet to the outlet thereof, a shaft rotatably mounted in said casing, a water atomizer mounted on said shaft for rotation therewith and arranged in the path of the air as it flows through said casing, tubular means surrounding said shaft and having a perforated end head adjacent said water atomizer, a supply of water in said casing, and means within the other end of said tubular means and operable during rotation of said shaft for delivering water from said water supply to the perforated end head of said tubular means, from which said water passes to said atomizer for intimate contact with the air as it flows through said casing.

2,125,582
PROJECTION DEVICE
Verneur E. Pratt, Stamford, Conn., and Zoltan Takats, Leonia, N. J., assignors, by mesne assignments, to Plant Liquidation Corporation, a corporation of New Jersey
Application November 18, 1936, Serial No. 111,438
18 Claims. (Cl. 88—24)



1. In a projector, in combination, a casing, a light source adapted to project a beam of light in said casing, a removable unitary film magazine in said casing including a housing having aligned apertures therein through which said light beam may pass and including a film secured in said magazine in the path of said beam, a rotatable film guide engaging said film throughout the entire width thereof to position the same for projection, a projection lens positioned in the emergent beam from said film and adapted to receive an image therefrom through the aperture in said magazine and to project said image, a screen adapted to display a visual image disposed outside the optical axis of said lens and supported on said casing, and means in the emergent beam from said lens to reflect said image to said screen, the path of said projection passing under said light source.

2,125,583
WIRE FABRIC
William Edgar Reed, Pittsburgh, Pa.
Application August 3, 1934, Serial No. 738,277
23 Claims. (Cl. 189—82)



18. A fabric comprising a series of continuous, laterally spaced strands, each strand being laid forwardly and backwardly diagonally across the

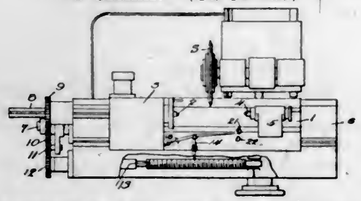
fabric, part of the strands periodically crossing other strands, certain of the strands alternately passing under and then over other strands which they meet, to form a diagonal strand fabric wherein certain strands extend from one face to the other at points intermediate the edges of the fabric, and having the crossings directly secured together.

2,125,584

ADJUSTING DEVICE FOR MACHINE TOOLS

Erich Rotzoll, Berlin-Frohnau, Germany

Application November 15, 1937, Serial No. 174,681
In Germany November 16, 1936
8 Claims. (Cl. 51—95)



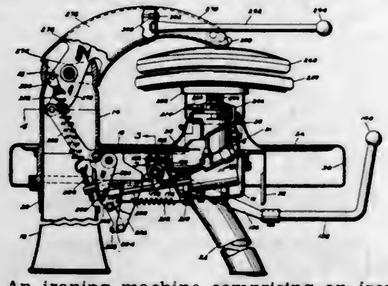
1. A device of the class described, including a guide block, a threaded drive spindle threadedly engaging said block to drive the same longitudinally thereof, a non-driving master spindle mounted in parallel relation to said drive spindle, means rotating both of said spindles at identical speeds, means for correcting deviations of movement of said guide block caused by errors in the pitch of the threads of said drive spindle as compared with the threads of said master spindle, electromagnetic means actuating said correcting means, at least one source of light arranged in moving relation to said master spindle, a light ray produced by said source of light, said ray being movable upon deviations in movement of said guide block, and light sensitive means operable by said ray upon said deviations to actuate said electromagnetic means to correct said deviations of movement of said block.

2,125,585

IRONING MACHINE

Everett W. Rouch, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California

Application November 19, 1934, Serial No. 753,756
5 Claims. (Cl. 38—25)



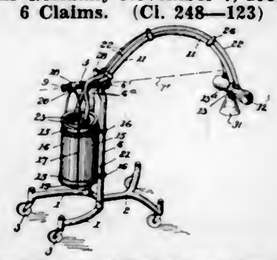
2. An ironing machine comprising an ironing head, a buck for cooperation with the head, means supporting the head for movement into and from operative position, means tending to move the head from operative position, fluid pressure motors for actuating the buck, a fluid pressure motor for actuating the head, a fluid pressure producing device for actuating the motors concomitantly, and manual means for operating the fluid pressure producing device.

2,125,586

STAND, MORE PARTICULARLY FOR RÖNTGEN APPARATUS

Ernst Pohl, Kiel, Germany

Application November 7, 1933, Serial No. 697,057
In Germany November 7, 1932
6 Claims. (Cl. 248—123)



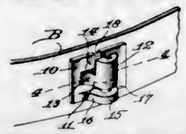
1. A stand for a medical apparatus, more particularly for a Röntgen tube, comprising a base, a curved supporting arm and means for supporting said arm on said base for pivotal movement in a substantially vertical plane and for rotation about an axis forming a chord of the curvature arc.

2,125,587

ORTHODONTIA BRACKET

Annie Richardson, Hollywood, Calif.

Application October 21, 1935, Serial No. 45,939
3 Claims. (Cl. 32—14)



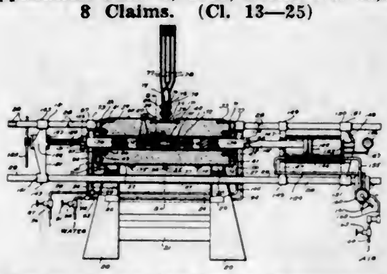
1. An orthodontia bracket comprising a base plate, a bracket formed integral with and projecting forwardly from the front face of said base plate, fillets between the sides of said bracket and said base plate, said bracket being provided with a pair of horizontally disposed notches for the reception of an arch bow, ligatures and said base plate being divided by a centrally arranged vertically disposed slot, and said bracket being provided with a vertically disposed notch that extends from the slot in the plate forwardly into said bracket and constituting a slot for the reception of the pin or key that secures the arch bow and ligatures to the bracket.

2,125,588

ELECTRIC FURNACE

Raymond R. Ridgway, Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application June 6, 1935, Serial No. 25,244
8 Claims. (Cl. 13—25)



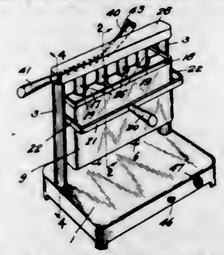
6. In an electric furnace, a symmetrical, approximately cylindrical metallic casing divided into two parts along a median line, a pair of interlaced parallel bus bars, one connected to each of said parts, annular insulation separating said parts, a central axial tube of resistance material in said casing, radial electric connecting means conveying current from the ends of the respective parts of said casing, an electrode structure rigidly clamped to said tube and connected to said radial electric connecting means, and separate supporting means for said tube allowing sliding motion for expansion and contraction of said tube, the construction constituting a substantially non-inductive furnace having a high power factor by reason of non-inductiveness and rigidly clamped electrodes avoiding fracture of the tube by reason of the sliding action.

2,125,589

SANDWICH COOKER

Leo Shuman, Spokane, Wash., assignor to Ellsworth A. Shuman, Spokane, Wash.

Application May 7, 1937, Serial No. 141,356
9 Claims. (Cl. 219—19)



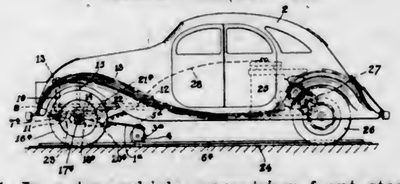
2. In a device of the character described, a body having a vertically extending stationary section and a movable section mounted for movement from a reclining position to a vertical position against the stationary section, confronting faces of the sections being provided with recesses registering to form a dough-receiving chamber open at its upper end, one section being formed at the top of its recess with an opening constituting a steam outlet, a core for extending into the chamber through the open upper end thereof, actuating means for moving said core into and out of said chamber, and means for heating the core and said sections.

2,125,590

TOY VEHICLE

George Edward Smallwood, London, England

Application September 15, 1937, Serial No. 164,056
In Great Britain February 10, 1937
4 Claims. (Cl. 104—247)



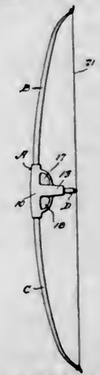
1. In a toy vehicle comprising front steering wheels, driving wheels and means for driving the latter and thereby the vehicle, the combination of a vertical angularly turnable spindle mounted towards the front end of the body of the vehicle in the central vertical plane of said body, means connecting said spindle to the steering wheels of the vehicle whereby angular movements imparted to said spindle impart directional movements to each of the steering wheels, a track, a steering arm extending from said spindle towards the rear end of the body of the vehicle, means connecting the forward end of said arm to said spindle to cause said arm and spindle to turn as a unit about the axis of said spindle, means allowing vertical angular movements of said arm incorporated with said last mentioned connecting means, a grooved track-engaging wheel mounted on the rear end of said arm to rotate about a horizontal axis, and resilient means urging vertical angular movement of said arm in one direction.

2,125,591

BOW AND ARROW CONSTRUCTION

Oscar R. Smith, Mansfield, Ohio

Application May 17, 1937, Serial No. 143,188
2 Claims. (Cl. 124—24)



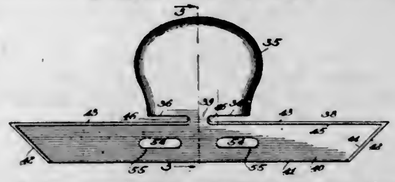
1. An archery bow having a central handle, said handle including a body portion, oppositely disposed resilient bow elements carried by the body portion, a rearward extension on the body portion, said extension and body portion being provided with a bore through which an arrow travels during discharge, and bridging connections between the body portion and extension forming thumb openings, and acting as reinforcement ribs.

2,125,592

FORM FOR MAKING RUBBER ARTICLES

Abraham N. Spánel, Rochester, N. Y.

Application December 11, 1935, Serial No. 53,923
6 Claims. (Cl. 18—41)



1. A form on which a bathing cap or the like and a tying strip therefor can be deposited simultaneously, said form comprising a head portion terminating in an abrupt edge to define a head opening in the cap and extensions on said head portion extending in opposite directions therefrom, each extension having an abrupt edge.

2,125,593

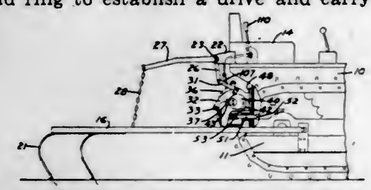
DRIVE ESTABLISHING MECHANISM

Oscar L. Starr, Mission San Jose, Calif., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California

Application August 4, 1936, Serial No. 94,209
3 Claims. (Cl. 97—50)

1. Mechanism adapted for attachment to a tractor for effecting both raising or lowering of

an implement by power, comprising a drive establishing device including a rotatably mounted ring having a series of notches, a rotatably mounted shaft about which said ring is rotatable, pawl means mounted for rotation with said shaft for engaging a notch of said ring to establish a drive and carry load when the implement is being raised, and additional pawl means mounted for rotation with said shaft for engaging a notch of said ring to establish a drive and carry load



when the implement is being lowered; a cam-follower adapted for connection with said implement; and a cam connected for rotation by said shaft and upon which said cam-follower is adapted to ride; said cam having opposite circumferential portions substantially concentric with the axis of rotation of said shaft for preventing the load of said implement from causing chattering of said pawl means during the periods when engagement with or disengagement from said ring is being effected.

2,125,594

FLOOR AND WALL COVERING MATERIAL

Hugo Strauch, Krefeld-Uerdingen, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application December 19, 1935, Serial No. 55,293. In Germany December 29, 1934

16 Claims. (Cl. 106—7)

1. A composition of matter comprising a filler and a pigment moistened with an aqueous solution of a product obtainable by the action of ethylene oxide on castor oil thoroughly intermixed with material selected from the group consisting of a drying oil, stand oil, an alkyd resin of soft consistency comprising a radicle of a fatty acid derived from a drying oil and a lacquer, said material being incorporated with a drier.

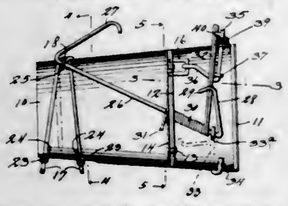
2,125,595

GOPHER TRAP

John Tenbrook, Sepulveda, Calif.

Application January 26, 1937, Serial No. 122,428

10 Claims. (Cl. 43—81)



1. A trap, comprising a base plate, a pair of upwardly and inwardly curved fixed jaws at the forward end of the base plate, a rock shaft extending in a general longitudinal direction along the base plate and having an upwardly and inwardly curved jaw at its forward end confronting the fixed jaws, the rear end of the shaft having an upwardly and forwardly extending arm, a coiled spring surrounding the rear portion of the shaft anchored at its forward end to the base plate and at its rear end formed with a radial arm, the arm on the shaft extending transversely across the radial arm of the spring, a trigger mounted on the base plate at its rear end and having a hook engaging over the arm of the spring and holding the arm down against the tension of the spring, an abutment plate operatively engaged with the base plate and supported thereon in an approximately vertical position but having slight swinging movement rearward, and means on the abutment plate for engaging with and latching the trigger against relative movement, said means being constructed and arranged to release the trigger upon a rearward movement of the abutment plate.

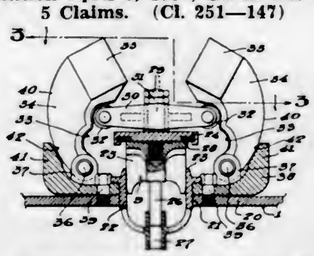
2,125,596

VALVE MECHANISM FOR COMPOUND METERS

Leon Trager, Newark, N. J., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Virginia

Application April 7, 1937, Serial No. 135,359

5 Claims. (Cl. 251—147)



1. In a compound meter, a vertically movable valve for controlling the flow of liquid therethrough and adapted to be opened by pressure there against and closed by its own weight, pivotally mounted weighted levers co-acting with said valve to hold the valve closed under predetermined conditions and to be moved by said valve upon opening of the valve, said levers mounted and having their weights disposed so that when the valve is open the pressure of the weights will be substantially normal to the axis of the valve.

2,125,597

HIGH FREQUENCY TRANSMISSION SYSTEM

Eric Lawrence Casling White, Hillingdon, and Edward Cecil Cork, Worcester Park, England, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England, a company of Great Britain

Application April 11, 1935, Serial No. 15,782

In Great Britain April 17, 1934

5 Claims. (Cl. 178—44)



1. A high frequency transmission system working at a relatively short wavelength, comprising a load, a feeder line of length greater than said wavelength and having a characteristic impedance different from the impedance of said load, and a transformer comprising first and second sections of transmission line being of different characteristic impedances and each having distributed inductance and capacity, said sections arranged serially in the order named between said load and said feeder, and the impedance looking into said first section towards said feeder being substantially equal to the impedance of said load, whereas the impedance looking into said second section towards said load is substantially equal to the characteristic impedance of said feeder.

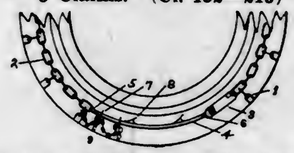
2,125,598

TIRE CHAIN

Guy D. Yoakum, Sturgeon Bay, Wis.

Application April 10, 1936, Serial No. 73,611

5 Claims. (Cl. 152—213)



1. A tire chain of a type comprising a pair of side chains and a plurality of cross chains, characterized by slidable connections between one or more of said cross chains and said side chains whereby to permit displacement of said cross chains from their normal positions and by means for holding said cross chains in their normal positions, said cross chains being capable of manual disengagement from said holding means whereby to permit displacement of said cross chains.

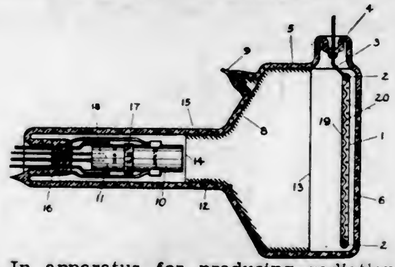
2,125,599

FLUORESCENT STRUCTURE

John C. Batchelor, New York, N. Y.

Application February 8, 1935, Serial No. 5,521

7 Claims. (Cl. 250—27.5)



6. In apparatus for producing radiation by electronic bombardment, the combination of a luminescent screen having openings therethrough, an electron gun positioned on one side of said screen to project electrons toward said screen and through said openings, and controlling means for causing said electrons to impinge the surface of said screen after passing through said openings.

2,125,600

AIR GUN

George H. Bugenhagen, Minot, N. Dak.

Application October 6, 1936, Serial No. 104,173

3 Claims. (Cl. 124—13)



1. In an air pumping mechanism for compressed air guns, a pump cylinder, a tubular plunger operative within the said pump cylinder, means for dividing said tubular plunger into a storage chamber and a discharge chamber, said dividing means having an equalizing duct therein, means for regulating the speed of equalization of the air pressure in the aforesaid chambers and means for releasing the compressed air from the said discharge chamber to fire a suitably connected compressed air gun.

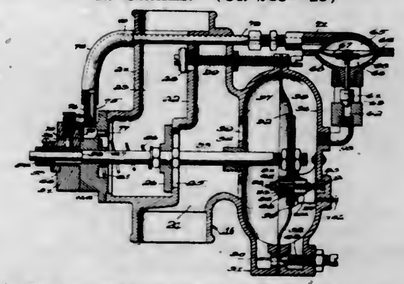
2,125,601

PNEUMATIC POWER CONTROL

Herman Busch, Long Island City, N. Y., assignor to Airmatic Systems, Inc., New York, N. Y., a corporation of New York

Application February 2, 1937, Serial No. 123,672

12 Claims. (Cl. 243—15)



1. Power control apparatus for a pneumatic conveyor having a transmission line, an exhaust line and a casing therebetween enclosing a main valve for controlling the line fluid flow, means for opening and closing the main valve, means for establishing a minimum flow of air through the line when the main valve is closed, and means for controlling the opening and closing of the main valve in response to the introduction of a carrier in the line, said controlling means including a control diaphragm normally responsive to said carrier introduction, a recess in said casing disposed remotely from said diaphragm and a single passageway establishing communication between said recess and said diaphragm, said recess being provided with two ports, one of said ports leading to the transmission line, the other port to the atmosphere, valve means for the atmospheric port, said valve means being normally closed for rendering said diaphragm normally responsive to the introduction of a carrier in the line and movable to open position for rendering the diaphragm unresponsive, and means operated by the movement of the main valve at the end of its opening and closing strokes for opening and closing said atmospheric port.

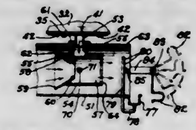
2,125,602

ORCHARD SPRAY

Theodore L. Cairns, Lindsay, Calif.

Application September 29, 1934, Serial No. 746,122

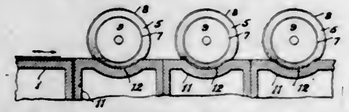
1 Claim. (Cl. 299—88)



A vapor spraying machine comprising a conduit, a blower connected to one end of said conduit to produce an air stream therein, a primary mixing chamber suspended within said conduit, a Venturi tube mounted in one end of said chamber with its large end spaced away from the wall of said conduit, a perforated pipe extend-

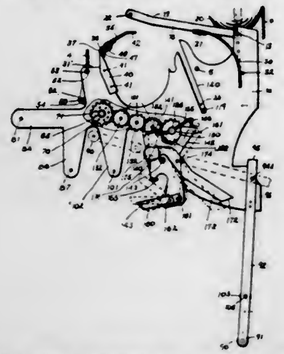
ing into said primary mixing chamber, means for conducting liquid to said pipe, a trough attached at the outlet end of said conduit, means for passing any accumulated liquid from said trough back into the air stream issuing from said conduit.

2,125,603
PADDING FOR PRESSING DEVICES
Joseph R. Crockford, New York, N. Y.
Application May 16, 1936, Serial No. 80,039
2 Claims. (Cl. 38—65)



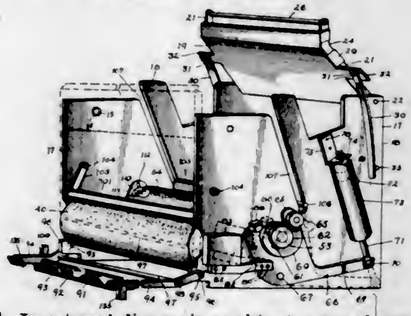
1. A padding for pressing and ironing devices comprising a sheet of sponge rubber in which is incorporated a quantity of wool fibres, said sheet having its faces formed with the conventional "skin" or surfacing, the wool fibres penetrating said "skin".

2,125,604
TOWEL DISPENSING CABINET
Joseph Darman, Utica, N. Y.
Application February 13, 1935, Serial No. 6,345
4 Claims. (Cl. 312—38)



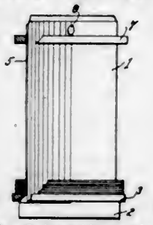
1. In a towel dispensing cabinet, a compartment having a swinging base for holding a towel supply, a roller mounted in said cabinet and engaging said towel, another roller mounted in said cabinet for accumulating said towel thereon, a third roller mounted adjacent said last named roller, whereby to cause a rotation thereof, gears mounted in said cabinet and connecting said first and last named rollers, whereby a pull on said towel will rotate said first and last named rollers to allow for a take up of said towel, a latch member pivotally mounted in said cabinet, an overhanging member formed on said latch member, a shaft mounted in said cabinet and carrying said third named roller and one of said gears, whereby the rotation of said third named roller will actuate said towel accumulating roller, a pin extending from said shaft engaging said overhanging member formed on said latch member, whereby to arrest the turning of said rollers. another member pivotally mounted to said latch member, a yoke member pivotally mounted in said cabinet and adapted to engage said last named member, whereby to rock said latch member from locking to releasing position and another rock member mounted on said latch member, whereby to arrest the swinging of said yoke member.

2,125,605
TOWEL DISPENSING CABINET
Joseph Darman, Utica, N. Y.
Application March 23, 1936, Serial No. 70,242
3 Claims. (Cl. 312—38)



1. In a towel dispensing cabinet, a towel supply, a rock shelf for supporting said towel, a roller for accumulating said towel thereon, open bearings for supporting said accumulating roller, other rollers mounted in said cabinet for rotating said accumulating roller, a shaft for supporting one of said actuating rollers, a pin mounted in said shaft, a lever for engaging said pin, whereby to arrest rotation of said actuating rollers, a piston rod connected with said lever, a piston connected with said piston rod, a dash pot in which said piston moves, whereby to control the movement of said lever and a cam member mounted on said shaft, whereby to rock said lever to locking position.

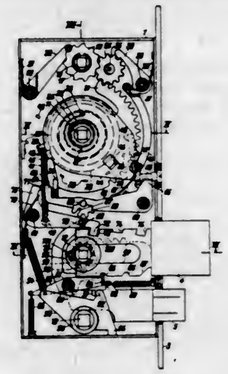
2,125,606
METHOD OF TREATING PISTON RINGS
George J. Deeb, Indianapolis, Ind.
Application January 23, 1936, Serial No. 60,411
3 Claims. (Cl. 148—16)



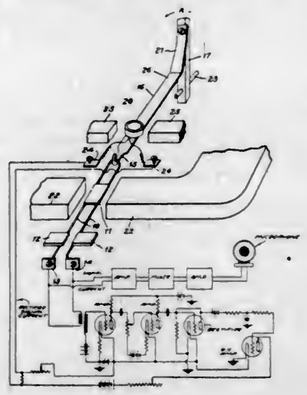
1. The method of treating piston rings fabricated from steel which consists in assembling a series of rings in a stack in axial alignment compressing said stack, masking at least a portion of the inner circumference of the rings and supporting said rings against inward circumferential distortion and then subjecting the assembled stack, while under axial pressure, to nitriding treatment to harden the outer periphery of the ring.

2,125,607
COMBINATION LOCK
Leo Fuchs, Berlin, Germany
Application February 18, 1937, Serial No. 126,323
In Germany January 10, 1933
12 Claims. (Cl. 70—305)

1. In a combination lock, a plurality of locking members, a setting member provided with an endless row of operating handles equally spaced apart and adjustable relatively to a fixed scale, said setting member remaining in position after each adjustment, a stop arranged in the path of said operating handles and limiting the travel of said setting member, and means for the progressive coupling of the setting member with the locking member following in each case.



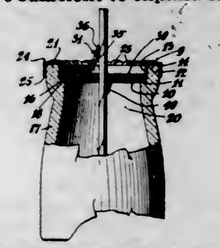
2,125,608
OSCILLOGRAPH GALVANOMETER
Erwin Gerlach, Berlin-Siemensstadt, Germany, assignor to Klangfilm G. m. b. H., Berlin, Germany, a corporation of Germany
Application July 23, 1936, Serial No. 92,086
In Germany September 24, 1935
3 Claims. (Cl. 171—95)



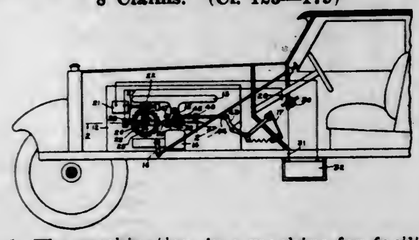
1. A galvanometer including means movable in accordance with impulses to be indicated, a support for said means, means operable to shift said support in accordance with a current which varies as the envelope of said impulses, and means for adjusting the zero position of said support.

2,125,609
MILK BOTTLE CAP
Carl W. Goodwin, Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del., a corporation of Delaware
Application April 14, 1937, Serial No. 136,732
2 Claims. (Cl. 215—38)

1. The method of making a milk bottle cap or the like from a pretreated waxed blank which comprises scoring said blank to form a tab therein and forming the cap from said blank under pressure sufficient to expand said tab and to cause the wax to effectively re-seal the tab to said cap.

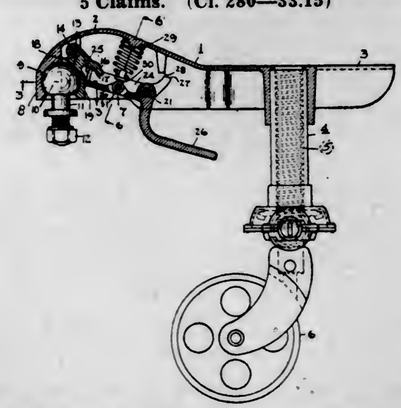


2,125,610
MEANS FOR FACILITATING ENGINE STARTING
John Hays Hammond, Jr., Gloucester, Mass.
Application December 23, 1933, Serial No. 703,826
8 Claims. (Cl. 123—179)



1. The combination, in a machine for facilitating the starting of internal combustion engines of a mechanism comprising a motor, an oscillatory member driven by said motor and means interconnecting said oscillatory member and the throttle of said engine for causing said throttle to be opened and closed at a predetermined rate.

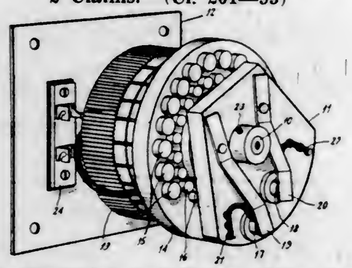
2,125,611
TRAILER COUPLING
Carl R. Hennicke, Cleveland Heights, Ohio, assignor to The Eastern Malleable Iron Company, Naugatuck, Conn., a corporation of Connecticut
Application September 26, 1936, Serial No. 102,643
5 Claims. (Cl. 280—33.15)



5. In a trailer coupling, a coupling element, a drawbar, a pressure block pivotally mounted on said drawbar, and adapted to engage said coupling element to couple the latter with said drawbar, toggle means for locking said block in a

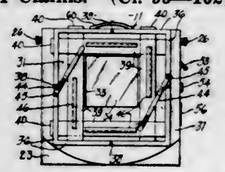
position wherein said coupling element may be uncoupled from said drawbar, and means operative in response to the coupling of said element with said drawbar for automatically releasing said toggle means from its said locking position, and means operative upon said release for automatically moving said block to engage said coupling element.

2,125,612
ATTENUATOR
Philip J. Herbst, Merchantville, Ralph H. Heacock, Oaklyn, and Philip G. Bindloss, Audubon, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application September 28, 1935, Serial No. 42,592
2 Claims. (Cl. 201—55)



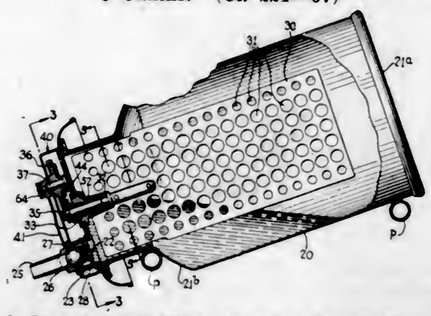
1. An attenuator including a stator member provided with a pair of sets of brass contacts, a pair of impedance devices concentrically mounted on said member and each connected to a different set of said contacts at points spaced from one another, a third impedance device mounted concentrically with said devices and provided with sections connected between said devices at points spaced from one another, input terminals, and a rotor member provided with a pair of copper carbon brushes arranged to be moved along said contacts for variably interconnecting said terminals with said devices.

2,125,613
REVOLVING RETOUCHING DESK
Henry Hjort, Bay Terrace, Staten Island, N. Y.
Application August 28, 1937, Serial No. 161,356
11 Claims. (Cl. 95—102)



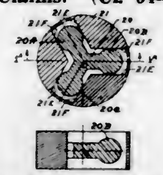
1. A device including a photographic retouching means comprising a lighting cabinet having an opening, a wall for said opening swingably mounted on the cabinet to move toward and away from the cabinet into easel-like position, light retaining means connected to said wall for movement into and out of the cabinet to confine the light therein, a desk member having a transparent portion, said desk member being journaled on said wall around said transparent portion for angular movement of the desk member, a shutter means including a plurality of plate-like shutter elements slidably mounted on the desk member, the latter having rail elements, the shutter elements each having guide engagement at one end with a respective one of the rail elements, said shutter elements being adapted to overlie and hold a negative on said transparent portion and to expose only a required portion of the negative, and elements on the shutter means co-operating to hold a positive over the shutter elements.

2,125,614
BEVERAGE DISPENSING DEVICE
Morris Kessler and Julius Hader, Brooklyn, N. Y.
Application December 10, 1935, Serial No. 53,696
8 Claims. (Cl. 221—67)



1. In a device of the character described comprising a container having a removable cover and adapted to hold a beverage, a discharge aperture in said cover communicating with the interior of said container, means for normally restricting the discharge of said beverage from said container, and means for rendering said restricting means ineffective and to permit the discharge of said beverage from said container, said last named means including means mounted on said cover for agitating said beverage to thoroughly mix the same before it is permitted to be discharged from said container.

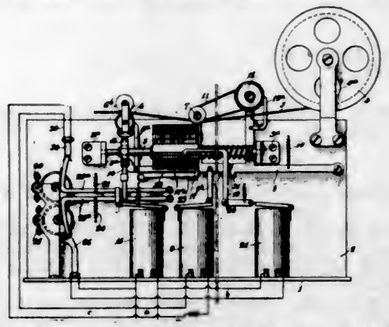
2,125,615
FLEXIBLE COUPLING FOR SHAFTING
John W. Kittredge, Akron, Ohio
Application August 2, 1935, Serial No. 34,463
9 Claims. (Cl. 64—7)



1. A shaft coupling comprising a member with fixed axis; a float member; three pairs of parallel planes on one of said members; three pivots on the other member; a roller on each pivot, each roller fitting between a pair of parallel planes and having a spherical bearing surface with diameter equal to the distance between said planes.

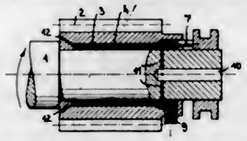
2,125,616
TELEGRAPHIC RECEIVER
Filippo Laudano, Turin, Italy
Application January 20, 1936, Serial No. 59,859
In Italy January 21, 1935
2 Claims. (Cl. 178—39)

1. In a telegraphic receiving apparatus using the conventional Morse code dot and dash signals, the combination with a printing mechanism of a type-carrying drum comprising a cylindrical sector having the types distributed thereon in longitudinal rows according to a predetermined order, a second cylindrical sector having a plurality of saw-teeth distributed on the same according to a predetermined order corresponding to the predetermined type order, means actuated by the incoming dash signals and co-acting with said saw-teeth for producing an axial displacement of said drum, a third sector carrying stop



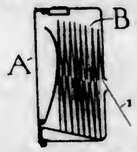
teeth and means engaging said stop teeth to hold the drum against further axial displacement, a toothed wheel rigidly connected in rotation with the drum, and means responsive to the dot signals for producing a rotation of said drum in order to bring the type corresponding to the transmitted signal under the printing mechanism.

2,125,617
ENGAGEABLE POWER TRANSMITTING DEVICE
Gustav Niemann, Brunswick, Germany
Application February 26, 1936, Serial No. 65,803
In Germany March 13, 1935
6 Claims. (Cl. 192—58)



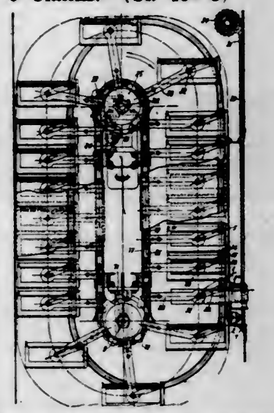
1. An engageable power transmitting device with two co-axial parts which are to be connected by friction, an enclosed space between these parts, friction surfaces on these parts as limitation for the intermediate space, all frictional surfaces of one of these parts being smooth, a filling of balls and lubricant in the space and a displacing member shutting in the said space, the said displacing member having a smaller pressure surface than the said smooth friction surface, the purpose being to press the balls together and against the friction surfaces.

2,125,618
INTERFOLD SHEET PACKAGE
Daniel Nystrand, Green Bay, Wis.
Application March 16, 1937, Serial No. 131,133
2 Claims. (Cl. 206—57)



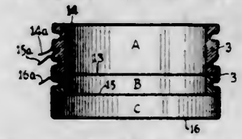
1. A package of interfolded sheets in which the sheets are folded to form a body portion and an interfolding tab, the sheets being arranged with the tab of each sheet overlying the body portion of the next succeeding sheet of the package and the length of the tab being long enough to assure the projection from the cabinet of the leading edge of the next sheet when the next preceding sheet is withdrawn, but not greater than one half of the body of the sheet so that the tabs of successive sheets do not overlap in the package.

2,125,619
VERTICAL FILING DEVICE FOR CARDS AND OTHER USES
Edmond Henri André Parent, Paris, France
Application October 7, 1935, Serial No. 43,965
In France October 8, 1934
6 Claims. (Cl. 45—3)



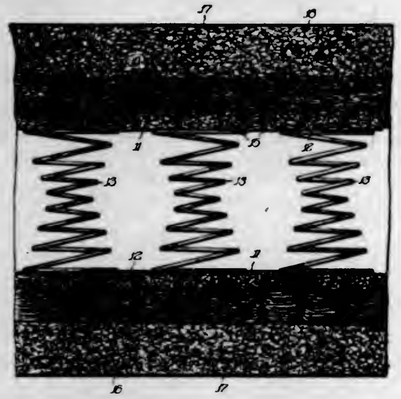
6. In a device of the character described, vertically spaced horizontal shafts, chain-carrying wheels on said shafts, an endless chain passing over said wheels, trunnion supporting arms carried by said chain, trunnions pivotally mounted in said arms, a plurality of filing containers, means for slidably mounting said containers on said trunnions, guiding cranks mounted on said trunnions, and an endless guide track cooperating with said guiding cranks for maintaining said containers horizontal in all positions through which they are moved by the chain.

2,125,620
CONTAINER AND METHOD OF MAKING THE SAME FROM FOIL
Peter Schlumbohm, New York, N. Y.
Application October 19, 1935, Serial No. 45,737
In Germany April 24, 1935
16 Claims. (Cl. 29—148.2)



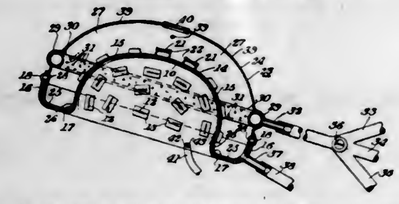
1. The method of making an air and watertight container from metal foil, by joining a rigid, grooved ring and two aluminum foil caps, the edges of which have cylindrical shape and the diameter of which corresponds to the diameter of the rigid, grooved ring, which comprises placing said caps respectively over opposite sides of the ring and deforming the margins of the caps into a groove of the ring to provide a sealed joint.

2,125,621
PADDED SPRING-CUSHION
Oliver M. Burton, Chicago, Ill., assignor to Burton-Dixie Corporation, Chicago, Ill., a corporation of Delaware
Application April 3, 1936, Serial No. 72,575
4 Claims. (Cl. 5—351)



1. In a padded spring-cushion, the combination of a spring-assembly, a first cotton-batting cushion layer bearing directly on said assembly, a second sisal cushion layer outside of and bearing on said first layer, a third resilient padding layer outside of and bearing on said second layer, said second sisal layer having certain of its fibres needled through and interlaced in spaced rows with the fibres of said first and second layers, and a cover for the padded spring-assembly.

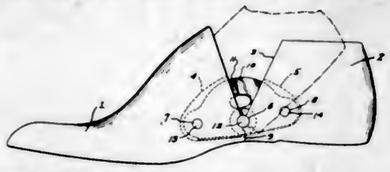
2,125,622
PROCESS AND APPARATUS FOR WAVING HUMAN HAIR
William H. Bleuel, Dormont, Pa., and Samuel Steek, Warren, Ohio; said Steek assignor to said Bleuel
Application August 5, 1935, Serial No. 34,788
17 Claims. (Cl. 132—36)



1. In apparatus for waving hair on the human head the combination of a scalp protector provided with a plurality of hollow necks through which the strands of hair are drawn and clamped, a hood forming a heating chamber with said scalp protector for enclosing the wound hair strands for treatment, and a fluid actuated band for sealing the scalp protector to the head and to said hood.

2,125,623
HINGED SHOE LAST AND HINGE THEREFOR
Harold W. Clausing, Norwood, Ohio
Application January 18, 1937, Serial No. 121,089
5 Claims. (Cl. 12—136)

1. A hinge for a last comprising a member having a tongue, a cooperating member comprising a channeled member having resiliently tensioned lips for receiving said tongue and means for



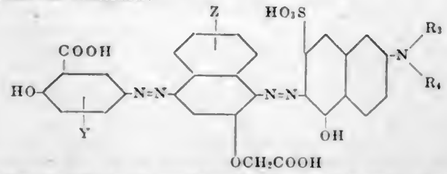
securing said hinge to the heel and toe portions of a shoe last.

2,125,624
METHOD OF RECOVERING GLAUBER'S SALT FROM NATURAL BRINE
Sidney H. Davis, Henry W. Doennecke, and Emory W. Douglass, Tulsa, Okla., assignors to Ozark Chemical Company, Tulsa, Okla., a corporation of Delaware
No Drawing. Application February 26, 1937, Serial No. 127,910
6 Claims. (Cl. 23—41)

1. The method of recovering Glauber's salt from natural brine containing sodium sulfate which comprises the steps of introducing the brine into a subterranean deposit of sodium chloride to thereby effect the solution of said chloride in the brine in quantity insufficient to precipitate Glauber's salt therefrom, then withdrawing the brine from the deposit and finally chilling it to precipitate Glauber's salt.

2,125,625
AZO DYESTUFFS
Detlef Delfs and Otto Bayer, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 16, 1937, Serial No. 169,519. In Germany October 28, 1936
4 Claims. (Cl. 260—83)

1. As new products the azodyestuffs of the general formula:

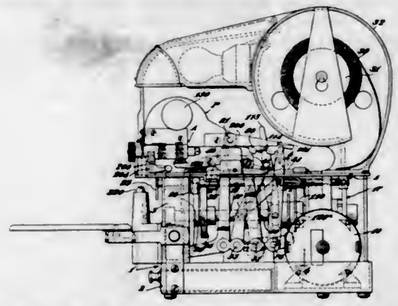


wherein Y is a substituent selected from the group consisting of hydrogen, methyl and chlorine, Z is a substituent selected from the group consisting of hydrogen and the sulfonic acid radical and is attached to one of the β-positions, and R_3 and R_4 stand for radicals selected from the group consisting of hydrogen, alkyl and aryl radicals, being soluble in water and dyeing materials of cellulose or regenerated cellulose blue shades which by aftertreatment with agents yielding copper yield similar shades of improved fastness to light and washing.

2,125,626
PRINTING AND PINNING MACHINE
Carl A. Flood, Framingham, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application May 29, 1936, Serial No. 82,423
12 Claims. (Cl. 101—288)

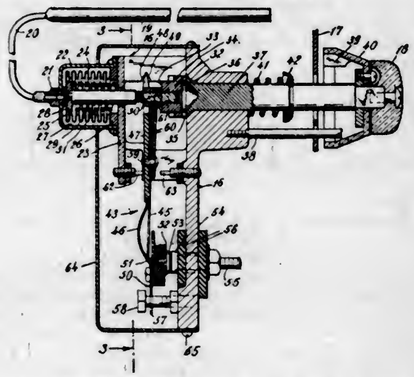
1. In a machine of the class described including a cutter for severing a ticket from a strip and

printing mechanism for printing a severed ticket, strip and ticket feeding and guiding means comprising guides to engage the edges of the strip and ticket, said guides being adjustable toward and away from each other to accommodate strips and tickets of different widths, said printing mechanism including a movable platen to support



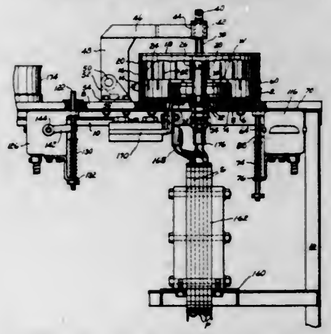
the ticket, said guides having aligned end portions and having intermediate portions in the vicinity of the platen out of alignment with said end portions, said intermediate portions being arranged so that the width of the platen may be greater than the distance between the end portions of the guides when the latter are nearest to each other to receive a narrow ticket.

2,125,627
THERMOSTAT FOR ELECTRIC RANGES
Edward L. Fonseca, Newark, N. J., assignor to The Wilcolator Company, Newark, N. J., a corporation of Delaware
Application June 20, 1934, Serial No. 731,403
11 Claims. (Cl. 200—83)



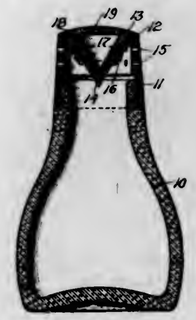
1. In a thermostatic switch, a closed system comprising an expansible and contractible chamber, a thermoresponsive liquid completely filling the system and retaining its liquidity throughout the range of temperature changes to which the switch is submitted, an actuator operatively connected to the chamber, a snap switch controlled by said actuator, a compensating thermostat connecting the actuator and the snap switch to vary the operation of the switch in accordance with the effect of temperature changes on said compensating thermostat, and manual adjusting means to permit changing the relative position of the actuator and the chamber without exerting pressure on the chamber by the actuator.

2,125,628
MAGNETIZER
Gustav Fredrickson, Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 22, 1933, Serial No. 703,595
Renewed September 18, 1935
14 Claims. (Cl. 175—21)



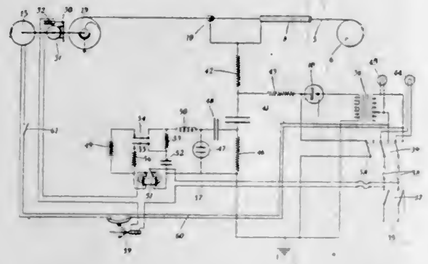
2. In a device of the character described, a surge generator having a core, a primary coil, a secondary coil, means for causing a preliminary surge of current through the primary coil in one direction, a toroidal coil of one turn comprising a circumferentially continuous wall adapted to contain a ring-shaped work-piece and a plug concentric with the wall and passing through the work-piece, the plug and the wall being connected to the secondary coil, and means for causing a surge of current through the primary coil in the opposite direction; substantially as described.

2,125,629
CONTAINER
John W. Gallo, Revere, Mass.
Application April 22, 1937, Serial No. 138,330
2 Claims. (Cl. 65—57)



2. A dispensing cap for a container made with a skirt for attachment to said container, said skirt being apertured laterally, and a pointed boss depending from the cap top with an outstanding radial step formed thereon facing the pointed end of said boss, said step being intermediate the base and point of said boss and defining an abrupt abutment shoulder co-operative with the point of said boss for breaking up lumps in the contents being dispensed and for directing the contents toward the lateral apertures of the skirt.

2,125,630
ELECTRIC TRIGGER RELAY AND SIMILAR DEVICE
Hubert Thorn Gooding, Kent, England, assignor to Callender's Cable and Construction Company Limited, London, England, a British Company
Application February 14, 1936, Serial No. 63,976
In Great Britain February 15, 1935
2 Claims. (Cl. 175—320)



1. Apparatus responsive to an electric current impulse of short duration flowing in a circuit, comprising a high resistance inserted in said circuit, an operative circuit, a two-electrode neon tube forming part of said operative circuit, means for subjecting said tube to a direct current voltage between the critical starting and stopping voltages thereof, means associating said neon tube with said high resistance whereby a non-oscillatory voltage impulse set up across said resistance by a current impulse exerts a trigger action on said tube and starts a flow of current in said operative circuit, a polarized relay inserted in said operative circuit and actuated in one direction by the flow in the said operative circuit, a switch for opening said operative circuit, and means for supplying to said relay a second flow of current whereby the relay is actuated in the opposite direction.

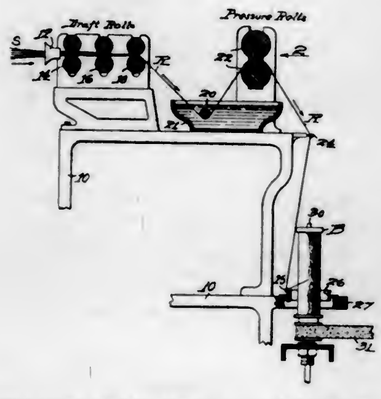
2,125,631
PROCESS FOR CONCENTRATING OXIDIZED ORES BY MEANS OF FROTH FLOTATION
Grégoire Gutzeit, Geneva, Switzerland, assignor, by mesne assignments, to Visura Treuhand Gesellschaft, Zurich, Switzerland, a corporation of Switzerland
No Drawing. Application February 27, 1936, Serial No. 66,055. In Germany March 4, 1935
8 Claims. (Cl. 209—166)

1. In the concentration by froth flotation of ores containing oxidized base metals, the method which comprises subjecting a pulp containing such ores to conditioning in the presence of an isopolyacid of a metal chosen from the group consisting of tin, tungsten, vanadium, germanium, and molybdenum, and thereafter subjecting the pulp to froth flotation to obtain a concentrate rich in oxidized values.

2,125,632
PROCESS FOR THE PRODUCTION OF LEAD GLAZES
Hermann Harkort, Berlin, Germany
No Drawing. Application August 22, 1936, Serial No. 97,441. In Switzerland August 26, 1935
7 Claims. (Cl. 106—36.2)

1. A process for producing lead "glazes" comprising the introduction of the lead into the preparation to be fritted in the form of a lead-sulphate-containing substance, and the reduction of all of the sulphate during the fritting by means of a powderous metal which is combined with the "glaze".

2,125,633
METHOD OF MAKING TIRE CORD
Paul E. Harrison, Dover, N. H.
Original application January 9, 1937, Serial No. 119,798. Divided and this application October 6, 1937, Serial No. 167,612
6 Claims. (Cl. 117—2)



1. The method of making a cord of high tensile strength and highly heat-resistant which comprises preparing a substantially untwisted roving having a multiplicity of parallel textile fibres, impregnating said roving while substantially untwisted with a cohesive liquid which is heat-resistant when dried, and spinning said impregnated roving to form a single-strand cord, the impregnating and spinning forming one continuous operation.

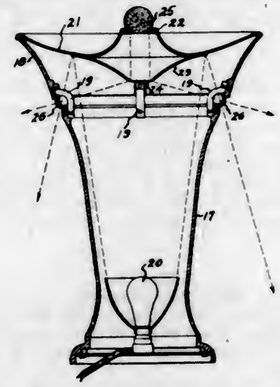
2,125,634
METHOD OF BLEACHING PULP OR PAPER WEBS
Clark Cable Heritage, Rumford, Maine, assignor to Oxford Paper Company, a corporation of Maine
No Drawing. Application March 29, 1937, Serial No. 133,647
12 Claims. (Cl. 8—2)

1. In the manufacture of a web of pulp or paper in which the web is dried by being passed through a heat drier, the improvement which comprises preparing a solution of hydrogen peroxide and applying the solution thus prepared to at least one side of the web at a point in advance of the dry end of the drier whereby the heat of at least a portion of the drier is utilized to render the hydrogen peroxide active to bleach the web.

2,125,635
ILLUMINATING DEVICE
John P. Hobart, Kalamazoo, Mich.
Application January 14, 1935, Serial No. 1,609
4 Claims. (Cl. 240—81)

3. In a lighting fixture, a hollow pedestal, a source of light in said pedestal, a reflector thereabove receiving light from said source and diverting said light outwardly and downwardly and confining said light to a relatively narrow band slightly above the upper edge of said pedestal, and

housing means covering said reflector and interspaced from said pedestal top substantially only

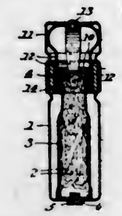


sufficiently to let the reflected light through at said band only.

2,125,636
METHOD OF STABILIZING GASOLINES
William W. Holland, Baltimore, Md., assignor to Petroleum Conversion Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application June 3, 1936, Serial No. 83,267
5 Claims. (Cl. 196—33)

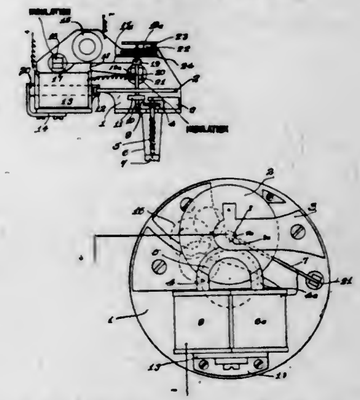
1. The method of stabilizing gasoline involving the use of an inhibitor, which consists in first subjecting the raw gasoline to the action of an alkali plumbite solution to doctor sweeten the same, water washing to remove excess plumbite solution dissolved or entrained in the gasoline, removing the last traces of alkali imparted by said alkali plumbite solution by intimately commingling said gasoline with an aqueous solution of a normally mildly acidic compound which provides low hydrogen ion concentration, removing the excess of such solution last mentioned whereby substantially complete neutralization of said alkali traces is effected without leaving the solution appreciably acid, and then adding the inhibitor.

2,125,637
LIGHTER
David Hoppenstand, Glenshaw, Pa.
Application October 22, 1935, Serial No. 46,092
1 Claim. (Cl. 67—7.1)



A lighter comprising a tubular case having an open end, a wick disposed substantially axially therein and terminating slightly below the open end of said case, an annular flint seated in said open end of the case, and terminating short of a medial transverse plane through said case, said flint being grooved circumferentially on the interior thereof, a cover removably disposed on said end of said case, and resilient striker points secured to said cover and engaging the flint adjacent its inner end when said cover is positioned on said case.

2,125,638
CLOCKWORK MOVEMENT
Jean Hubert, Paris, France, assignor to Jean Delviniotti, Paris, France
Application January 6, 1933, Serial No. 650,531
In Belgium January 7, 1932
25 Claims. (Cl. 58—28)



1. In a clockwork movement of the character described, the combination of a circular balance of non-magnetic metal, a coiled spring operatively connected to the balance, a mass of magnetic metal carried by the balance and shaped to form two magnetic poles at substantially 90 degrees to one another and located at the periphery of the balance, an electromagnet embodying coils and associated cores, the latter of which are positioned to be juxtaposed with the magnetic poles of said mass when the balance is in a position of equilibrium, an electric circuit for energizing said magnet, and current switching means included in said circuit and operable upon oscillation of the balance to open and close said circuit in predetermined timed relation with the movements of the balance, said current switching means maintaining said circuit open when the balance is in its position of equilibrium.

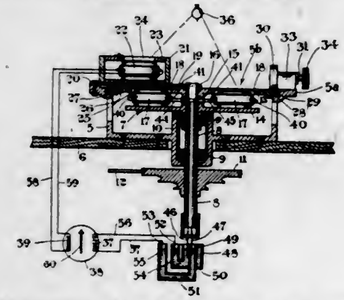
2. In a clockwork movement of the character described, the combination of a circular balance of non-magnetic metal, a coiled spring operatively connected to the balance, a mass of magnetic metal carried by the balance and shaped to form two magnetic poles at substantially 90 degrees to one another and located at the periphery of the balance, an electromagnet embodying coils and associated cores, the latter of which are positioned to be juxtaposed with the magnetic poles of said mass when the balance is in a position of equilibrium, an electric circuit for energizing said magnet, and current switching means included in said circuit and comprising a pair of oppositely inclined pallets movable with and about the axis of the balance, fixed and movable contact members included in said circuit and the movable one of which projects into the path of said pallets to be controlled thereby and move into and out of engagement with the fixed contact member as the pallets move with the balance.

2,125,639

APPARATUS FOR DETERMINING THE OPACITY OF PAPER AND OTHER MATERIALS

Otto Maass, Montreal, Quebec, and Ronald E. Richardson, Oshawa, Ontario, Canada, assignors to The Canadian Pulp and Paper Research Corporation, Montreal, Quebec, Canada

Application October 16, 1935, Serial No. 45,294
4 Claims. (Cl. 88—14)



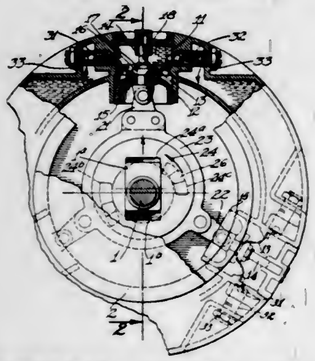
1. Apparatus for determining the opacity of paper and the like, comprising a light source, a pair of photovoltaic cells positioned to receive light from said source, electrically operable indicating means, circuits connecting said indicating means and said cells in a manner to oppose the cell currents produced by the action of light from said source to register in said indicating means differences in the strengths of the opposed currents, a light intercepting member disposed between said light source and one of said cells and having an aperture therein, a rotary carrier behind said member, one of said cells being mounted eccentrically on said carrier behind said member, means for rotating said carrier to move the cell thereon periodically across the aperture at a predetermined speed, and a cover adjustable over said aperture to vary the effective area thereof.

2,125,640

HYDRAULIC BRAKE

Howard E. Marsh, Ventura, Calif.

Application January 27, 1936, Serial No. 61,004
3 Claims. (Cl. 188—91)



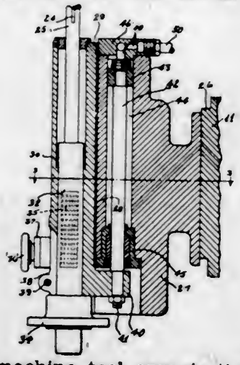
1. In a fluid brake, a revoluble member, a support therefor, one of the former having a compression chamber, a guide in alignment with the chamber, a yieldable diaphragm between the chamber and the guide forming the end wall of the chamber adjacent the other of the former members, and secured at its peripheral portion to the side wall of the chamber, a bearing mounted on said other of the former members at the central portion of the revoluble member, means mounted on the bearing and operatively connected to the yieldable portion of the diaphragm, the latter means having a flange reciprocally mounted in the guide and engaging the side of the diaphragm opposite the chamber, said flange covering the greater portion of the diaphragm inwardly from its secured peripheral portion, a removable cap for the end of the compression chamber opposite the diaphragm and provided at its axial portion with a longitudinal guiding recess, and a guide extending from the flange through the diaphragm and reciprocally mounted in the guiding recess.

2,125,641

MACHINE TOOL

George K. McKee and Charles E. Bernitt, Cincinnati, Ohio, assignors to The Avey Drilling Machine Company, Covington, Ky., a corporation of Ohio

Application April 29, 1935, Serial No. 18,817
6 Claims. (Cl. 77—32)



1. In a machine tool organization, the combination of a column or bed, a prime mover at one end of said column or bed, a work support beneath said prime mover, a tool head carried by the column or bed at a point intermediate the prime mover and work support, said tool head having in one face thereof an angular guide-way, a spindle carrier adjacent to the tool head and having a guiding tongue projecting therefrom into the tool head guide-way, a spindle rotatably journaled in said spindle carrier and having its upper end connected with the prime mover, a lug projecting from the spindle carrier, means within the tool head behind the guide-way and connected with the spindle carrier lug for actuating the carrier through a path determined by the guiding tongue and guide-way toward the work supporting table, and means for effecting an axial adjustment of the spindle carrier and spindle relative to one another.

2,125,642

METALLURGY OF FERROALLOY METALS

Ralph F. Meyer, Freeport, Pa., assignor to Meyer Mineral Separation Company, Pittsburgh, Pa., a corporation of Delaware

Application July 27, 1934, Serial No. 737,239
4 Claims. (Cl. 23—15)

4. In a method of recovering a ferro-alloy metal of the group molybdenum, vanadium, tungsten from ore material containing lead, that combination of steps comprising forming an intimate finely divided mixture of ore material and a solid carbonaceous reducing agent, then heating the mixture and effecting partial reduction of the ore, without sintering or fusing and without substantial reduction of ore constituents to the metallic condition and removal from the ore, to convert the ferro-alloy metal to oxidized form in a lower state of valence, cooling under non-



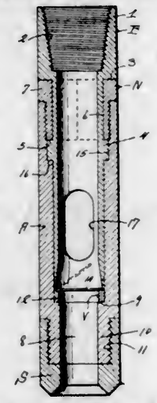
oxidizing conditions to a temperature below the sintering temperature of the normal oxide of the ferro-alloy metal, treating the ore with a reagent to remove lead therefrom, reoxidizing the ore at a temperature below said sintering temperature, and treating the thus-treated ore with aqueous sodium hydroxide to recover its ferro-alloy metal content.

2,125,643

BAILER BOTTOM

Burton W. McCune, Bakersfield, Calif., assignor to Fletcher Oil Well Desander Corporation, Bakersfield, Calif., a corporation of California

Application June 26, 1937, Serial No. 150,609
5 Claims. (Cl. 166—19)



1. A bottom structure for a bailer comprising two shells one being rotatably mounted on the other for free rotation in either direction free of relative endwise movement, said shells having ports to be brought into or out of register upon rotation of the outer shell in either direction, means carried by the inner shell for securing the same to the bailer to maintain the bottom structure in working position within the structure below the ports of the shells, the outer shell having an internal shoulder coacting with the inserted end of the inner shell for maintaining the valve unit in position.

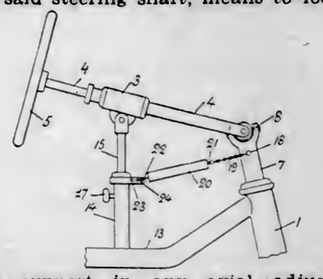
2,125,644

STEERING DEVICE FOR VEHICLES

Holger Møller, Copenhagen, Denmark

Application January 20, 1936, Serial No. 59,886
In Denmark April 25, 1935
1 Claim. (Cl. 280—271)

In a steering device for cycles having a steering shaft connected by means of a universal joint to a steering wheel shank, an axially adjustable telescopic support having a bearing to support the steering wheel shank at any angle and at a point beyond the universal connection with the said steering shaft, means to lock the



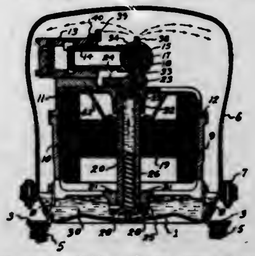
telescopic support in any axial adjustment thereof, and a resilient connection between the telescopic support and steering shaft to yieldably hold the latter against axial rotation and in a straight forward steering position.

2,125,645

LUBRICATING ENCLOSED ENGINES

Roland H. Money, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application June 11, 1936, Serial No. 84,768
6 Claims. (Cl. 184—6)



1. In a device of the character described, a vertical hollow shaft having bearing members for maintaining a reservoir of lubricant, a fixed screw located within said shaft, means for permitting ingress of lubricant to said shaft at one end of the screw therein, and passageways through said shaft for delivering lubricant from the hollow interior thereof to the bearing surfaces for said shaft bearings, a crank member on the end of said shaft opposite said screw, a passageway through said crank member and delivery means for lubricant therefrom, said crank member adapted to be given a gyratory movement whereby lubricant is sprayed in transverse directions from said lubricant delivery means.

2,125,646

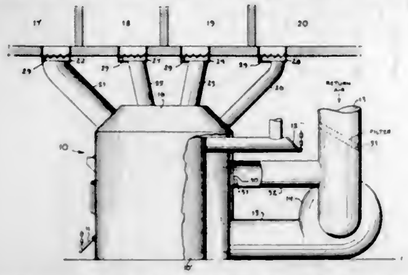
AIR CONDITIONING SYSTEM

Clarence W. Nessell, Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application July 12, 1937, Serial No. 153,095
6 Claims. (Cl. 98—39)

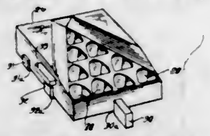
1. In an air conditioning system, an air conditioning chamber, a delivery duct connecting said chamber to a space to be conditioned, means for recirculating air through said chamber, duct, and space, said means including a fan having its outlet in communication with the chamber, a conduit through which return air from said space passes to the fan inlet, and a second conduit

connecting said first conduit directly to said chamber, said second conduit forming a by-pass from said chamber to said fan inlet, means to adjust the effective area of said delivery duct, and means in said second conduit, responsive to a



change in the effective area of said delivery duct, to change the area of said second conduit an amount sufficient to maintain the pressure of air through said delivery duct substantially constant at all times during operation of the system.

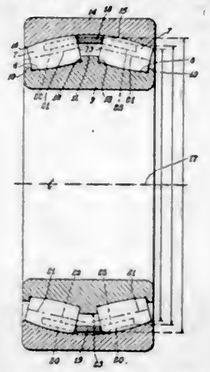
2,125,647
PIN SETTER
Arthur Nyerges, Cleveland, Ohio
Application March 11, 1937, Serial No. 130,337
2 Claims. (Cl. 273—42)



1. A portable pinsetter adapted for use in setting pins upon a block, comprising a hollow box-like unitary frame capable of being slid upon or lifted as a whole from the block, the frame having pockets and including a bottom board with circular openings at the bottoms of the pockets, cleats extending across under the bottom board and adapted to rest upon the block when the pinsetter is placed thereon and space said bottom board above the block until said openings are in substantially the same horizontal plane as the points of greatest diameter of the pins, said cleats having depending flanges at the ends thereof which engage opposite side edges of the pin block and guide the sliding movement of the pinsetter thereon, the frame also including a top board having enlarged openings at the top of the pockets, and a handle at the front end of the frame provided with a shoulder arranged to strike the front end of the block and stop backward slide of the frame on the block.

2,125,648
ROLLER BEARING
Per Gunnar Palmgren, Philadelphia, Pa., assignor to S K F Industries, Inc., Philadelphia, Pa., a corporation of Delaware
Application August 12, 1936, Serial No. 95,495
4 Claims. (Cl. 308—214)

1. In a roller bearing, the combination with an outer ring having formed within it a continuous hollow spherical raceway surface, such surface being symmetrically disposed, of two rows of slim rollers for running upon such spherical raceway, an inner ring having raceways for the rows of rollers, and a cage having arms extending laterally from both sides, lying between the rollers, spacing them apart and retaining them within the respective raceways of the inner ring, the outer



perimeter of the cage being of greater diameter than is the diameter at the sides of the spherical raceway.

2,125,649
PRODUCTION OF POLYMERIZATION PRODUCTS FROM THIOVINYL ETHERS
Walter Reppe and Hanns Ufer, Ludwigshafen-on-the-Rhine, and Erich Kuehn, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application August 1, 1935, Serial No. 34,295. In Germany August 3, 1934
10 Claims. (Cl. 260—2)

1. A process of producing polymerization products which comprises polymerizing in the presence of sulphur dioxide a vinyl ether of a mercaptan which contains but one vinyl group attached to one sulphur atom.

2,125,650
OPTICAL OCCLUDER
Ernest A. Ring, Providence, R. I., assignor of one-half to Francis M. Blakeney, East Providence, R. I.
Application December 12, 1936, Serial No. 115,570
5 Claims. (Cl. 2—15)

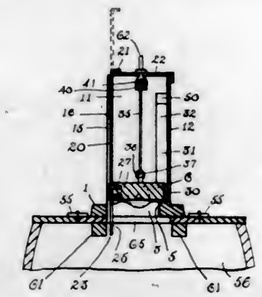


1. As a new article of manufacture, an occluder or device for excluding light from an eye of the user, said device having a basal portion with a face-engaging rim, said device also having means for attaching the same by suction directly to a lens of spectacles, eye-glasses or the like, said attaching means constituting the sole attaching means for said occluder.

2,125,651
BOTTLE BREAKER
Samuel Rosen, Utica, N. Y.
Application January 29, 1936, Serial No. 61,345
4 Claims. (Cl. 83—93)

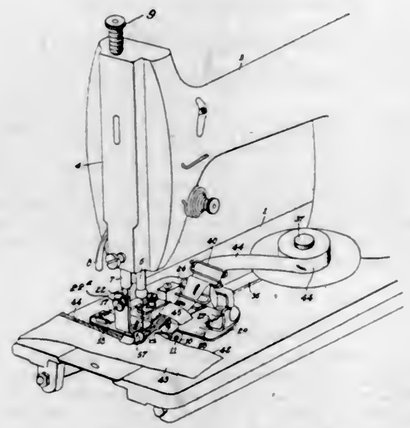
3. In a bottle breaker, a casing with feed opening at one side for the introduction of a bottle, a bottom opening for the discharge of the broken bottle, members for supporting said bottle within said casing, a vertically sliding cover for closure of said first named opening and gravity actuated

breaker element fixed to said cover, and spaced above the lower edge of said cover, whereby said



cover will close with said opening before said breaker strikes and breaks said bottle.

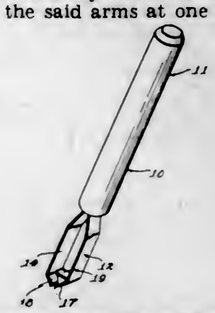
2,125,652
SEWING MACHINE
Charles Seaman, Jamaica Estates, N. Y.
Application November 17, 1936, Serial No. 111,216
28 Claims. (Cl. 112—140)



2. A sewing machine for blind-stitched piping comprising a needle head carrying a reciprocating needle, a binding folder having a throat adjacent the path of travel of the needle, a member having a surface which guides the folded binding to the path of the needle in a position to be blind-stitched, and spring means attaching said member to said folder whereby the folder can be displaced slightly without altering the position of said member.

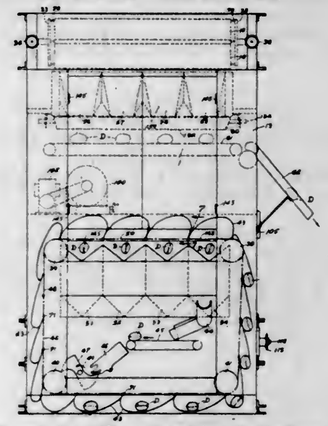
2,125,653
SCRAPING TOOL
Lloyd Seguin, Merrill, Wis.
Application February 8, 1937, Serial No. 124,641
4 Claims. (Cl. 15—236)

2. A scraping tool comprising a member including a pair of spaced and substantially parallel arms each having a scraping jaw formed thereon at its outer end said member including a cross bar immovably mounted on and extending between the said arms at one lateral side of



the said scraping jaws and adjacent the outer ends of said arms.

2,125,654
DOUGH PROOFING MACHINE
Sigmund Schiff, Cincinnati, Ohio, assignor to The J. H. Day Company, Cincinnati, Ohio, a corporation of Ohio
Application July 9, 1935, Serial No. 30,481
10 Claims. (Cl. 198—31)

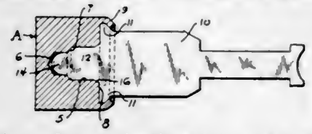


1. A dough handling machine including a lump transfer section comprising a driven endless pocket-conveyor having an upper pocket-supporting reach and a lower pocket-supporting reach connected thereto, means within the enclosure formed by said endless conveyor for feeding dough lumps to the pockets of the lower reach, and means for discharging said lumps when the pockets supporting them assume predetermined positions along the upper reach of the endless conveyor, said discharging means including mechanism for emptying a plurality of pockets simultaneously, a proofing section adjacent to the lump transfer section, and means for guiding the simultaneously discharged lumps to the proofing section of the machine.

2,125,655
LATCH BOLT AND RETRACTOR BAR STRUCTURE
Walter R. Schlage, San Francisco, Calif., assignor to Schlage Lock Company, San Francisco, Calif., a corporation of California
Application February 24, 1937, Serial No. 127,463
4 Claims. (Cl. 292—2)

1. In a structure of the character described a latch bolt having a plurality of annular recesses

of increasing depth formed in one end thereof, a flat retractor bar, projections on one end of the bar extending into said recesses, a pair of lugs



on the bar also projecting into one of the recesses, and an annular flange on the latch bolt turned over the lugs to secure the bar and the latch bolt against endwise separation.

2,125,656

METHOD OF PRODUCING HALOGENATED SULPHATES AND SULPHONATES

Walther Schrauth, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland, a corporation of Switzerland

No Drawing. Application January 24, 1934, Serial No. 708,108. In Germany January 25, 1933

14 Claims. (Cl. 260—99.12)

1. A process for producing halogenated derivatives of sulphated unsaturated fatty alcohols which comprises reacting the unsaturated fatty alcohol with halogen sulphonic acid, the halogen gases evolved during this reaction being maintained in contact with the reaction mixture.

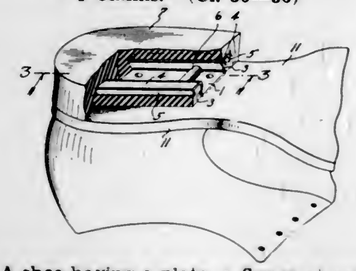
2,125,657

DETACHABLE SHOE HEEL

Edward Elmer Staub and Ernest H. Wolfe, Detroit, Mich.

Application November 11, 1936, Serial No. 110,215

4 Claims. (Cl. 36—36)



1. A shoe having a plate, a flange at each side of the plate, the flanges extending in parallel relation, a shoe heel of yieldable material fitting over said flanges and movable longitudinally thereof, a transverse rib formed in the plate between said parallel flanges, the shoe heel being provided with a transverse groove engaging over said transverse rib as the heel is moved to locking position on the plate, the plate being provided with a series of nailing apertures in the bottom and the heel being provided with a series of apertures aligning with the nailing apertures of the plate as the heel is moved to locking position on the plate.

2,125,658

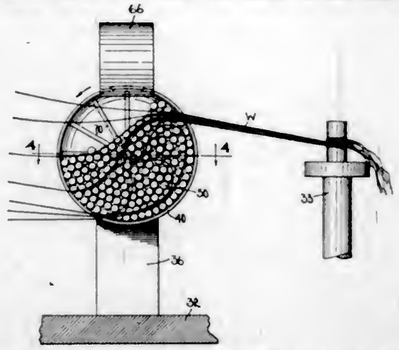
THREAD HOLDER FOR WEFT REPLENISHING LOOMS

Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application April 12, 1937, Serial No. 136,331

15 Claims. (Cl. 139—247)

1. In a weft replenishing loom, an actuator moving during loom operation, a magazine to hold reserve bobbins from which extend weft threads, means to hold the ends of the threads,



a group of shot, and means moved by the actuator to cause the shot to fall on and hold the weft threads.

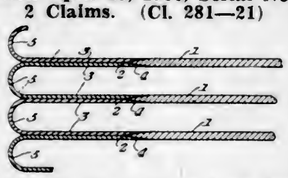
2,125,659

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James W. Ward, Pittsburgh, Pa.

Application April 15, 1936, Serial No. 74,475

2 Claims. (Cl. 281—21)



2. The combination with a book leaf having its binder edge portion skived on both faces, of a pair of binder strips each of substantially one-half the thickness of the leaf and having their edge portions skived and secured to the opposite skived portions of the leaf, said strips being free from each other but lying in surface contact with each other.

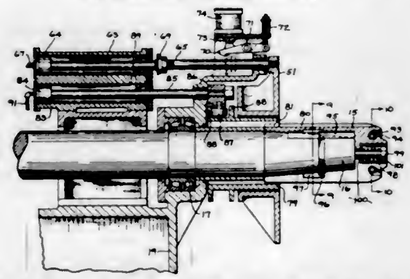
2,125,660

STRIP REEL

John N. Whalen, Boylston, Mass., assignor to Morgan Construction Company, Worcester, Mass., a corporation of Massachusetts

Application June 17, 1936, Serial No. 85,766

9 Claims. (Cl. 242—78)



3. A strip reel comprising a rotatable drum, means to rotate the drum, means to deliver stock to the drum, guide means to direct the front end portion of the stock around the drum, and means to withdraw the guide means from the path of the stock in a direction parallel to the axis of the drum.

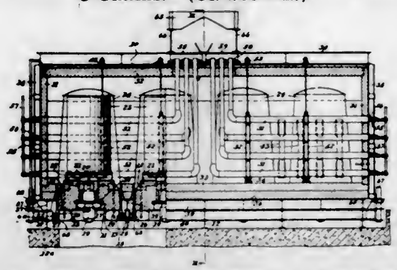
2,125,661

ANNEALING FURNACE

James C. Woodson, Cleveland, Ohio, assignor to Lee Wilson Sales Corporation, Cleveland, Ohio, a corporation of Ohio

Application October 7, 1937, Serial No. 167,721

3 Claims. (Cl. 263—42)



1. In apparatus for annealing a plurality of charges, the combination with a plurality of spaced, aligned bases each adapted to receive and support a charge thereon, of a cover adapted to be lowered over said bases to enclose said charges, said cover including a bottom wall, side walls and a roof, said bottom wall being provided with spaced, aligned holes shaped and dimensioned to admit said bases.

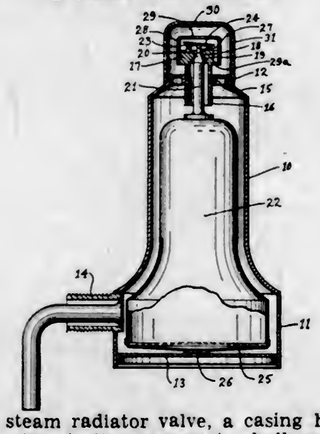
2,125,662

RADIATOR AIR VALVE

Ernest W. Work, Toronto, Ontario, Canada, assignor to The Beaton & Cadwell Manufacturing Company, New Britain, Conn., a corporation of Connecticut

Application October 21, 1935, Serial No. 45,999

1 Claim. (Cl. 236—63)



In a steam radiator valve, a casing having a vent aperture in its upper part, a hollow expansible float member located in said casing and having a needle valve at its upper end for closing said vent aperture, said float member having a flexible diaphragm on its base supported by said casing, an auxiliary check valve adapted to close the exterior of said vent aperture and exclude air when said needle valve is depressed from its seat, and a reduced elongated rod extending upwardly from said needle valve to hold said auxiliary valve upwardly from its seat and prevent it from sticking whenever said float is held in its upper valve closing position by the downward flexing of said diaphragm under the action of excessive temperature or vacuum conditions.

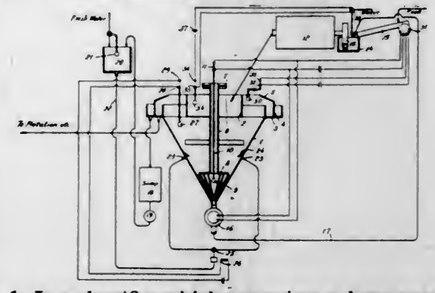
2,125,663

CLASSIFIER

Charles Erb Wuensch, Joplin, Mo., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del., a corporation of Delaware

Application November 23, 1935, Serial No. 51,329

6 Claims. (Cl. 209—173)



1. In a classifier which comprises a downwardly tapering chamber, means for withdrawing material respectively from lower and upper portions of the chamber, and an agitator disposed in the lower portion of the chamber, the combination which comprises a cage-like agitator in the lower portion of the chamber driven from the top by an upright hollow shaft, a float disposed within the agitator and attached to a rod extending upwardly through the hollow shaft, means for increasing the speed of withdrawal of material from the lower portion of the chamber when said float is buoyed up and means operatively connecting the float and said means for increasing the speed of withdrawal.

2,125,664

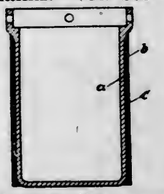
IRON ANNEALING RECEPTACLE

Friedrich Barmé, Wuppertal-Barmen, Germany

Application March 31, 1937, Serial No. 134,175

In Germany December 3, 1936

2 Claims. (Cl. 263—49)



1. An external protective covering for an iron annealing receptacle, consisting of a network of expanded metal and a refractory material of good thermal conductivity filling the meshes of the network.

2,125,665

SLEEVE PACKER CONSTRUCTION

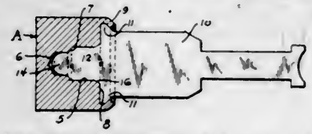
Wilbur F. Bettis, Glendale, Calif., assignor to M. O. Johnston, Los Angeles, Calif.

Application July 1, 1935, Serial No. 29,294

4 Claims. (Cl. 166—10)

1. A well packer comprising an upper anchor member carried by tubular suspending means, a tubular mandrel fixed at its upper end to said anchor and extending downwardly therefrom, a deformable packing sleeve mounted upon said mandrel and abutting at its upper end against the lower face of said upper anchor, a rigid anchor sleeve having a perforate cylindrical portion embedded in the packing sleeve and having a flanged extension projecting upwardly and

of increasing depth formed in one end thereof, a flat retractor bar, projections on one end of the bar extending into said recesses, a pair of lugs



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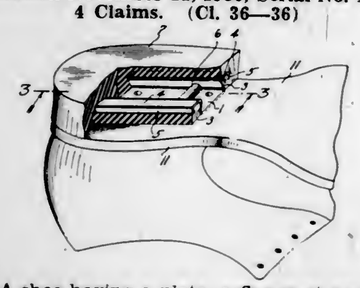
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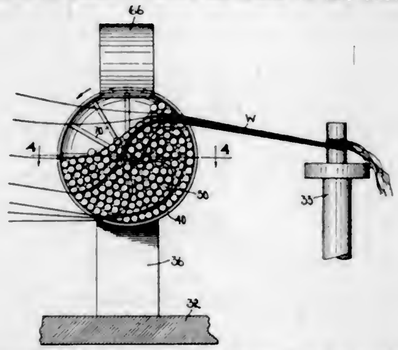
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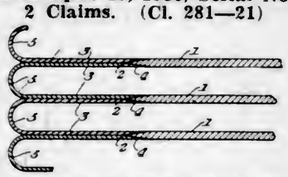
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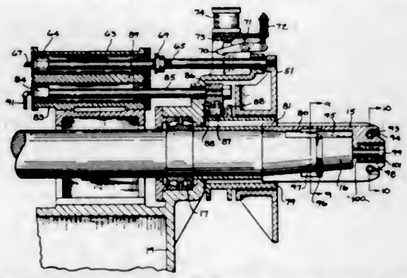
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9 Claims. (Cl. 242—78)



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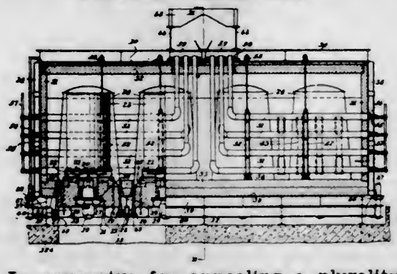
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3 Claims. (Cl. 263—42)



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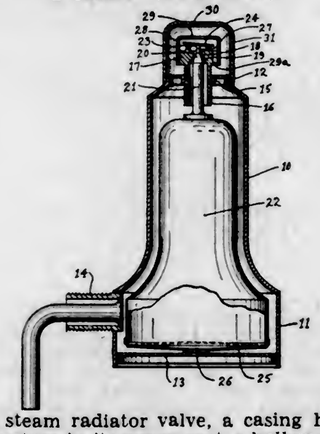
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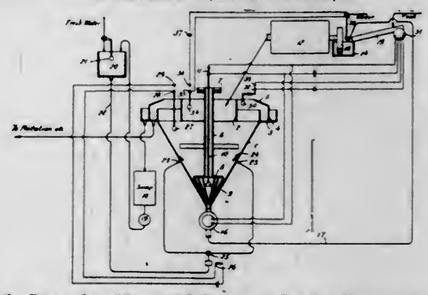
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2,125,664

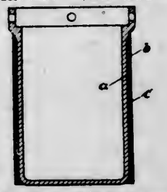
IRON ANNEALING RECEPTACLE

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In Germany December 3, 1936

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1. An external protective covering for an iron annealing receptacle, consisting of a network of expanded metal and a refractory material of good thermal conductivity filling the meshes of the network.

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SLEEVE PACKER CONSTRUCTION

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4 Claims. (Cl. 166—10)

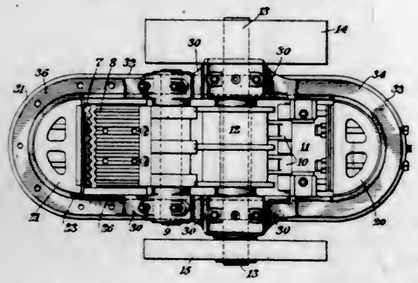
1. A well packer comprising an upper anchor member carried by tubular suspending means, a tubular mandrel fixed at its upper end to said anchor and extending downwardly therefrom, a deformable packing sleeve mounted upon said mandrel and abutting at its upper end against the lower face of said upper anchor, a rigid anchor sleeve having a perforate cylindrical portion embedded in the packing sleeve and having a flanged extension projecting upwardly and

against the end face of the upper anchor, means embracing said upper anchor and projecting portion of anchor sleeve to rigidly fasten the anchor to the packing sleeve, a lower anchor slidably mounted on said mandrel and against which the bottom face of the packing sleeve abuts, a lower



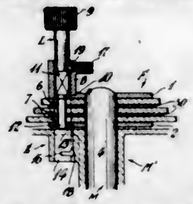
anchor sleeve having a perforate cylindrical wall embedded in the wall of the packing sleeve and having a flanged portion projecting from the end of the packing sleeve, means embracing said lower anchor and the projecting portion of the anchor sleeve rigidly fastening said parts together.

2,125,666
CRUSHER FRAME
Gordon Buchanan, East Orange, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa., a corporation of New York
Application February 14, 1934, Serial No. 711,178
3 Claims. (Cl. 83—53)



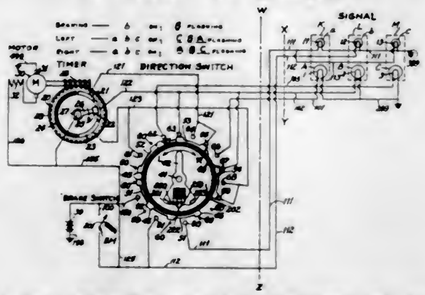
1. In a crusher construction the combination with a frame having straight side plates and end plates welded together to form a continuous normally unstressed loop, at least one of said end plates being semi-circular in horizontal section, front and rear heads fitting the inner end surfaces of said frame and having flat thrust receiving surfaces extending transversely across the frame, a pivoted jaw and operating means therefor, separate mountings for said jaw and operating means carried by said side plates, said heads being separately and independently mounted in said frame without initial stresses between them, and interlocking means between said semi-circular end plate and the corresponding head preventing relative rotational movement between them.

2,125,667
PERMUTATION LOCK
Charles Casey, Jr., St. Arnaud, Australia
Application February 2, 1937, Serial No. 123,711
In Australia February 14, 1936
4 Claims. (Cl. 70—312)



1. A permutation lock comprising a series of superposed separately rotatable coded discs located within a housing and centrally mounted on a fixed rod, each disc being formed with an arcuate slot concentric with said rod, said slot being widened at a position between its ends to form a hole, a locking pin eccentrically disposed relative to the discs and manually movable in a longitudinal direction and partially rotatable and adapted to pass through the holes in the discs and the housing and the shank of said locking pin formed with two separated flat portions at an angle to each other and an interengaging element with which the inner end of the locking pin is adapted to engage, said housing and interengaging element being fixed respectively to relative movable members to be locked.

2,125,668
SIGNAL
Philip H. Chase, Bala-Cynwyd, Pa.
Application October 14, 1935, Serial No. 44,941
19 Claims. (Cl. 177—337)

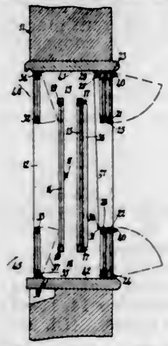


1. In a direction signal, a compartment containing a plurality of signal lights, means for coalescing the light fluxes therefrom, comprising means common to all the lights presenting the fluxes to an observer as a flux from but a single source, means for energizing at least one of said signal lights constantly and means for energizing the remainder of the lights therein changeably whereby said common means presents a changing unitary light effect to said observer.

2,125,669
SOUND EXCLUDING VENTILATING WINDOW
Ernest Thomas Fisk, Sydney, New South Wales, Australia
Application November 15, 1935, Serial No. 50,038
In Australia December 8, 1934
1 Claim. (Cl. 98—88)

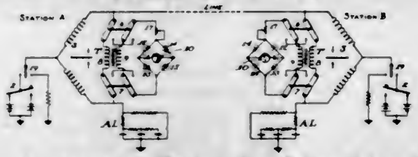
A window fitment adapted to be arranged in an aperture comprising in combination, a win-

dow frame, two vertically disposed non-sliding glazed panels arranged in said frame, one panel fitting three sides of the frame leaving an opening between the top thereof and the frame, the other panel fitting three sides of the frame leaving an opening between the bottom thereof and the frame, two main panels arranged in the



frame in a spaced relation with respect to each other, both of said main panels being displaced with respect to said first mentioned panels, each of said main panels fitting opposite vertical sides of the frame, and each of said main panels being dimensioned to provide an opening between the top thereof and the frame and an opening between the bottom thereof and the frame.

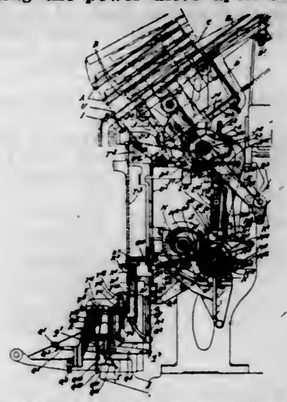
2,125,670
DUPLEX BALANCE INDICATOR
William G. Fluharty, Rockville Centre, N. Y., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application June 19, 1936, Serial No. 86,181
3 Claims. (Cl. 178—69)



1. A balance indicator for determining the out-of-balance current of a duplex telegraph system employing signals of changing polarity, comprising a meter, a full wave rectifier connected to deliver the out-of-balance currents of both polarities to the operating element of said meter as uni-directional current, a transformer for transmitting the variable voltage components of said out-of-balance currents to said rectifier and switching means to disconnect the transformer and connect the rectifier direct to the real line and an artificial line of the duplex system.

2,125,671
TYPOGRAPHICAL COMPOSING MACHINE
Frank C. Frolander, Elizabeth, N. J., assignor to Mergenthaler Linotype Company, a corporation of New York
Application March 29, 1937, Serial No. 133,561
23 Claims. (Cl. 199—45)

1. A typographical composing machine including, in combination, a series of at least three superposed matrix magazines shiftable in opposite directions to bring any selected one thereof into operative position, a reversible power drive for shifting said magazines in both directions, and means having a fixed setting for all magazines of the series and operable automatically for disconnecting the power drive upon the arrival



of the selected magazine in operative position irrespective of the direction of movement.

2,125,672
APPARATUS FOR GENERATING OZONE
Robert U. Garrett, Enka, N. C.
Application October 6, 1936, Serial No. 104,261
3 Claims. (Cl. 204—32)



1. In an ozone generating device, an ozonizing unit having an inner electrode comprising a glass cylinder, a metal electrode within the cylinder and carbon granules filling the space between the electrode and the cylinder, and an outer electrode comprising a cylindrical metal shell surrounding the glass member and provided with vertically extending corrugations and perforations to permit free circulation of air.

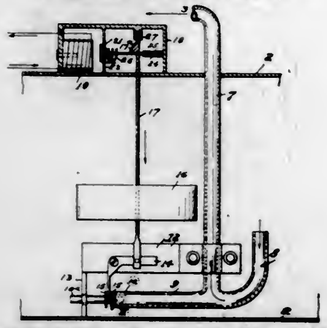
2,125,673
GLOVE CONSTRUCTION
Gladys Whitcomb Geissmann, New York, N. Y.
Application March 1, 1938, Serial No. 193,226
9 Claims. (Cl. 2—169)



1. A glove comprising palm and back portions having fore, middle and little finger portions extending therefrom and fourchettes connecting corresponding finger portions on the palm and back portions, a thumb portion connected to adjacent edges of the palm and back portions from adjacent the base of the forefinger portions to the edges of the palm and back portions and

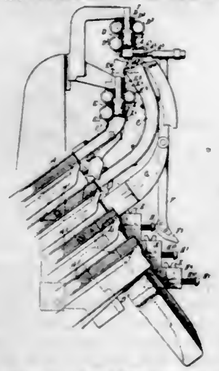
having a projecting tab forming the back of the thumb, and a fourchette connected to the edges of the tab to form the front of the thumb and extending along the edges of the forefinger portions.

2,125,674
RESERVE LIQUID FUEL CONTROLLING DEVICE
Nathaniel O. Gould, Detroit, Mich.
Application December 16, 1936, Serial No. 116,052
1 Claim. (Cl. 158—46.5)



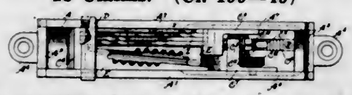
The combination of a fuel tank, a fuel supply pipe leading from the bottom of the tank, with an upturned nipple open on a plane with the predetermined level of the reserve fuel to be maintained in said tank, said supply pipe also extending horizontally adjacent the bottom of the tank with an open end adapted to be closed by a valve; a valve submerged in the reserve fuel, adapted to maintain the open end of the supply pipe normally closed; means fitted with a float, adapted to insure a definite opening and closing of said submerged valve, whereby the latter may not chatter and cause intermittent operation of the engine; and a remotely actuated electrical controlling means, adapted when actuated to release the means fitted with a float, and whereby the valve is held open to release the reserve fuel, until automatically closed through the act of refilling the tank.

2,125,675
TYPOGRAPHICAL COMPOSING MACHINE
Paul Hilpman, West Hempstead, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application April 19, 1937, Serial No. 137,609
20 Claims. (Cl. 199—38)



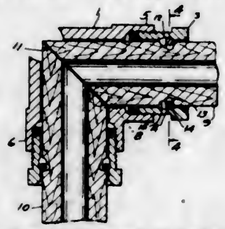
1. In or for a typographical composing machine adapted to be equipped with a plurality of magazines movable into and out of operative position and containing matrices of different fonts varying in form according to font, a distributing mechanism including, in combination, adjustable means for permitting the distribution to a magazine in operative position of only those matrices of the font contained in said magazine, and mechanism for automatically adjusting said means as a different magazine is moved into operative position to cooperate in like manner with the matrices of the font contained in said magazine, said mechanism including a matrix corresponding in form to the matrices contained in the magazine moved into operative position for controlling the adjustment of said means.

2,125,676
PRINTING FORM AND METHOD OF PREPARING THE SAME
George P. Kingsbury, Hollis, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application September 14, 1936, Serial No. 100,662
18 Claims. (Cl. 199—49)



1. A printing form holder for supporting a group of printing slugs having their type lines centered with respect to each other, said slugs being adjustable endwise as a unit to position them with one end of the longest type line in a given location in the holder.

2,125,677
BEVERAGE COOLER AND FITTING
George Kuchenmeister, Hastings on Hudson, N. Y.
Application August 5, 1937, Serial No. 157,607
1 Claim. (Cl. 285—166)



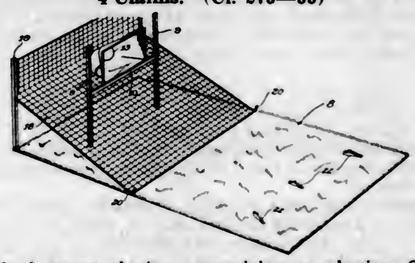
In a cooler for fluids and the like of the type having a coil of wood pipe lengths, fittings connecting the ends of the said pipe lengths comprising a coupling member having internally threaded ends, and with the inside diameter thereof slightly larger than, and spaced from, the outer surfaces of said pipe lengths, said member also having relatively large side openings exposing to view abutting ends of pipe lengths held therein, bushings with internal recesses threaded into the ends of said coupling member, said pipe lengths having external recesses positioned to correspond with the internal recesses of the bushings, the recesses of said pipe lengths having two diameters, with the larger diameter positioned toward the end of the pipe, and expanding spring rings in the recesses in the pipe lengths adapted to be crowded into the recesses to permit the passage of the threaded bushings thereover, and adapted to expand into the recesses of the bushings, and forced into the portions of the recesses of the pipe lengths having the larger diameter, providing positive holding means between the pipe lengths and bushings, said device characterized in that the pipe is separated from and suspended in the fittings, and the abutting ends of the pipe lengths forced together by the fittings forming sealed joints.

2,125,678
GAS BURNER
Frank H. Le Compte, Wichita, Kans., assignor of one-half to O. A. Keach, Wichita, Kans.
Application December 3, 1935, Serial No. 52,637
2 Claims. (Cl. 158—99)



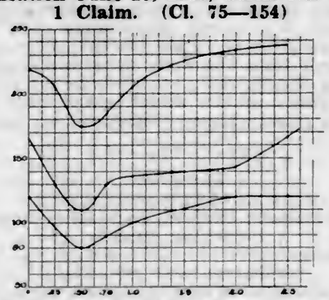
2. As an element of a gas burner, an elongated bar carrying a plurality of spacing lugs, and having a longitudinally concave upper surface.

2,125,679
FOOTBALL AMUSEMENT DEVICE
Willard J. Longstreet, Bayonne, N. J.
Application June 22, 1936, Serial No. 86,655
4 Claims. (Cl. 273—55)



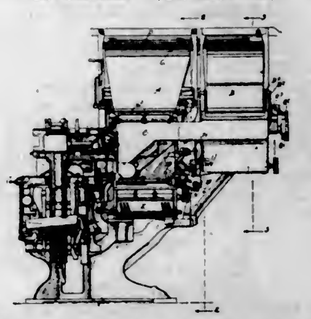
1. A game device comprising a playing field for receiving a plurality of missiles to be projected therefrom, a target in the form of a football goal and including a pair of spaced standards having a cross-bar therebetween, a wide open-faced receptacle positioned between said standards and resting on said cross-bar, said receptacle having a restricted opening for receiving missiles from the playing field, and a netting forming a backstop for said missiles, said netting being inclined upwardly from said playing field from a line in front of and below said target to extend rearwardly and upwardly back of same in order to direct and return said missiles to the player.

2,125,680
ALLOY
Alpine Ross MacGregor, Forest Hills, Pa.
Application June 10, 1936, Serial No. 84,577
1 Claim. (Cl. 75—154)



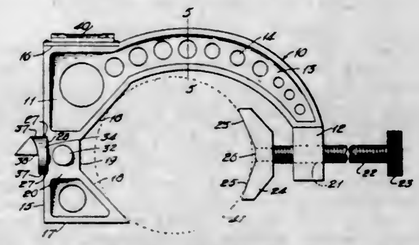
An alloy containing from 2 per cent to 8.3 per cent phosphorus and from 0.25 per cent to 0.75 per cent tin, the balance being substantially all copper.

2,125,681
TYPOGRAPHICAL COMPOSING MACHINE
Richard R. Mead, Queens Village, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application July 6, 1936, Serial No. 89,105
30 Claims. (Cl. 199—45)



1. In or for a typographical composing machine of the shiftable multiple magazine variety, magazine raising and lowering mechanism comprising a rotary shaft, an operative connection between said shaft and the magazines, means for rotating the shaft in opposite directions to raise and lower the magazines, and a flat spiral counterbalancing spring connected at one end to the rotary shaft and anchored at the opposite end to a relatively fixed part of the machine, said counterbalancing spring acting constantly to rotate the shaft in a magazine raising direction while permitting the shaft to be rotated in the opposite or a magazine lowering direction.

2,125,682
LATHE HAND GAUGE
Julius Meluzin, Washington, D. C.
Application September 2, 1937, Serial No. 162,209
2 Claims. (Cl. 33—185)

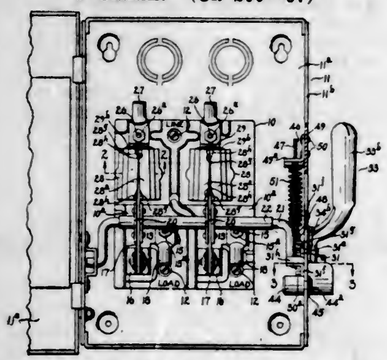


1. In a gauge for the purpose described, a substantially C-shaped frame including a pair of spaced terminal portions, one of said terminal portions constituting a head having a rear edge formed by a pair of flat forwardly converging faces, the other terminal portion having a screw threaded axially aligned opening bisecting the angle between said faces, an adjustable clamping device comprising a screw threaded into said opening and having a clamp head swivelled on its front end, said head having an opening therein aligned with the threaded opening, a gauge point having a shank fitting revolubly in the opening in said head and having a head provided with a plane gauge face positioned diametrically of the shank, and a set screw extending laterally in said head and engaging said shank to hold the gauge point with its gauge face in adjusted position.

2,125,683
PRINTING INK
Cyril Frederick Percy Millar, Cheriton on Medlock, Manchester, England
No Drawing. Application December 30, 1935, Serial No. 56,830. In Great Britain November 27, 1935
4 Claims. (Cl. 134—17)

1. A process for manufacturing products for working up into printing inks which comprises the steps of subjecting a charge of vulcanized rubber containing fabric and at least one oil selected from the group consisting of vegetable and mineral oils to the action of agitation and distillation by heat, stopping the distillation while the residue is still in a freely flowing condition and blowing superheated steam at a temperature above 450° F. through the residue in a separate vessel to remove objectionable pungent matters.

2,125,684
ELECTRIC SWITCH
Ralph A. Millermaster, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Original application July 10, 1936, Serial No. 89,884, now Patent No. 2,090,764, dated August 24, 1937. Divided and this application July 24, 1937, Serial No. 155,410
9 Claims. (Cl. 200—67)

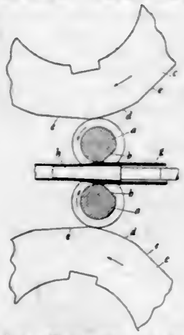


1. In an electric safety switch, in combination, a sheet metal casing having an openable cover, a metal bracket secured to the inner surface of one side wall of said casing, said bracket having a pivot opening formed therein, a crank member having one end thereof pivotally supported within said bracket opening, the opposite side wall of said casing having a relatively large opening formed therein in alinement with said bracket opening, a washer adapted to bear within said last mentioned opening, a hub member having a relatively large end portion located within said casing, said end portion having a recess adapted to provide a bearing for the other end of said crank member, a switch actuating element having a portion thereof interposed between said hub end and the last mentioned side wall of the casing, said element and said hub member being cooperatively formed to provide a predetermined degree of lost motion therebetween, said element having spaced lugs formed integrally therewith to provide a predetermined degree of lost motion between the same and said crank member, said hub member having a portion of non-circular cross section projecting from said casing, a stamped sheet metal member having an opening therein corresponding in shape to said last mentioned hub portion to provide a positive driving connection therebetween, a sheet metal handle member having a portion of inverted channel-shape superimposed upon said stamped sheet metal member and rigidly attached thereto, said portion of the handle member having an opening formed therein, said hub member having a reduced and threaded end portion extending through said opening, and a nut engaging said threaded end and having clamping engagement with said handle portion to retain the latter and said hub member in assembled relation to said casing.

2,125,685
POLYMERIZATION PRODUCTS AND PROCESS OF PREPARING THEM
Otto Nicodemus, Heinrich Lange, and Otto Horn, Frankfort-on-the-Main-Hochst, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 9, 1936, Serial No. 67,996. In Germany March 16, 1935
10 Claims. (Cl. 260—2)

1. The process which comprises polymerizing a 4-substitution product of butadiene-1.2 by heating the monomeric material to about its boiling point for at least about 24 hours.

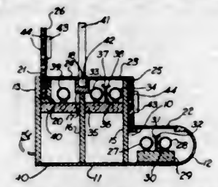
2,125,686
ROLLING MILL
Albert Norton, Birmingham, England, assignor to Tube Products Limited, Oldbury, Birmingham, England
Application June 28, 1937, Serial No. 150,817
In Great Britain July 4, 1936
12 Claims. (Cl. 80—14)



1. A machine for effecting reducing operations on tubes or rods, comprising the combination of die rollers forming the pass through which the work piece is to travel, driven supporting rollers which also serve to rotate the die rollers and to move them along the work piece, and means for returning the die rollers to their initial positions independently of the driven supporting rollers when the latter assume predetermined positions.

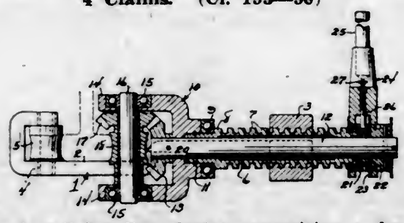
2,125,687
ILLUMINATED SIGN UNIT
George Henry Peebles, Vancouver, British Columbia, Canada
Application October 11, 1937, Serial No. 168,466
6 Claims. (Cl. 40—130)

1. An illuminated sign unit comprising a casing, means in the top of the casing adapted removably to retain suitable indicia, a panel mounted in the casing adjacent the rear thereof and projecting upwardly therefrom, said panel being adapted to have secured thereto additional indicia, a plurality of lighting tubes mounted in the casing, means for directing the light rays



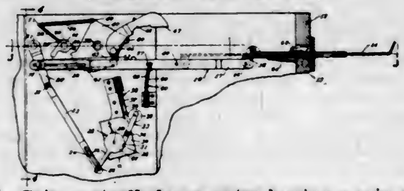
from at least one tube to the lower portions of the indicia, and means for directing the light rays from at least one other tube to the upper portions of said indicia.

2,125,688
PORTABLE ROLLER BENDER
Fronso A. Price, Ansted, W. Va.
Application April 26, 1937, Serial No. 139,051
4 Claims. (Cl. 153—38)



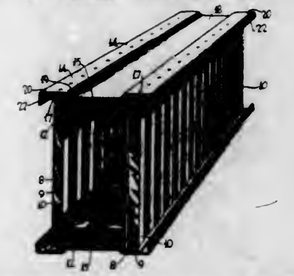
1. A rail bending device comprising a frame, rollers carried by said frame to engage one side of a rail, a feed box carried by said frame, a feed sleeve threaded in said feed box, a shaft journaled in said sleeve, a head journaled on said feed sleeve, a roller journaled on said head to engage the opposite side of the rail from the first-named rollers, a drive means connecting the shaft to said second-named roller, and means whereby either the sleeve or the shaft may be rotated and in either direction.

2,125,689
COIN CONTROLLED DEVICE
Bruno Radtke and Claude R. Kirk, Chicago, Ill., assignors to Exhibit Supply Co., Chicago, Ill., a corporation of Illinois
Application December 13, 1935, Serial No. 54,227
7 Claims. (Cl. 194—92)



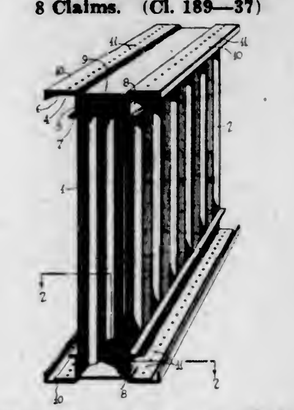
1. Coin controlled apparatus having a coin slide provided with detent means released to permit full stroke movement of the slide upon deposit of a coin therein, said slide having a normal limited idle stroke movement, a controlled instrumentality, link means connecting said instrumentality with said coin slide for operation of the former by the slide in full stroke movement of the latter, together with repeat operating mechanism operably connected with said link means and including an actuating member movable by operation of said link means, responsive to a movement of the latter by a slide in a full stroke movement of the slide, into a position for operative engagement with said link means for movement by the latter to operate said instrumentality when said slide is subsequently moved in idle stroke movement, and means cooperable with said repeat operating mechanism for automatically moving said actuating member out of position for further operative engagement with said link means until said slide is again moved in full stroke operation as aforesaid.

2,125,690
BOX SECTION BEAM
Earl J. W. Ragsdale, Norristown, and Albert G. Dean, Narberth, Pa., assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa., a corporation of Pennsylvania
Application November 2, 1933, Serial No. 696,298
9 Claims. (Cl. 189—37)



1. A beam comprising a pair of bodily spaced corrugated webs, a chord member between said webs having a pair of side chord elements extending along the webs and beyond the edges of the webs, and a bridging chord member of flanged channel section fitted between the side chord elements across the edges of the webs with its flanges over-lapping the side chord elements, the channel section of the bridging chord member spacing the webs apart through engagement of the side walls of the channel cross section with the side chord elements.

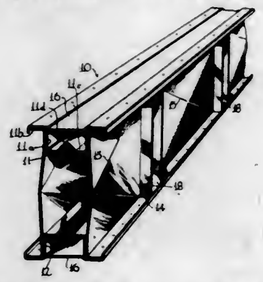
2,125,691
SHEET METAL BEAM
Earl J. W. Ragsdale, Norristown, and Albert G. Dean, Narberth, Pa., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 22, 1933, Serial No. 699,102
Renewed April 24, 1936
8 Claims. (Cl. 189—37)



8. A beam comprising a pair of sheet metal webs, and chords each having outwardly facing

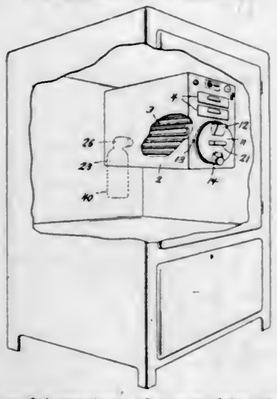
channel section members having their bottoms lying along and secured to the outer face of each web near the edge of the web with a bridging member overlying the ends of the webs and one side wall of the channel section members, and secured to the side walls of the channel members.

2,125,692
BEAM STRUCTURE
Earl J. W. Ragsdale, Norristown, and Albert G. Dean, Narberth, Pa., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application April 27, 1932, Serial No. 607,690. Divided and this application April 13, 1936, Serial No. 74,135
5 Claims. (Cl. 189—37)



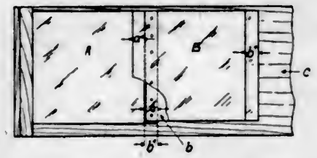
1. A beam comprising a pair of bodily spaced webs, a one-piece angular chord member having flanges extending along the edges of said webs and being secured to the edge portions of the respective webs, other flanges extending laterally outwardly of said webs, and a bridging chord member of channel section fitted between portions of the angular chord member and across the edges of the webs and having flanges overlapping flanges of the angular chord member and secured thereto, the channel section of the bridging chord member spacing the webs apart through engagement of the side walls of the channel cross section with the chord member.

2,125,693
DESSERT FREEZER
Walter J. Ralph, Jr., Oakland, Calif.
Application March 23, 1936, Serial No. 70,532
2 Claims. (Cl. 62—116)



1. In a refrigerator, the combination with a food container, and an agitator in the container including a horizontally disposed operating shaft extending adjacent to the rear wall of the refrigerator, of a drive for the operating shaft comprising a motor set into the back of said rear wall below the operating shaft and having a vertically disposed armature shaft, operating connections between the upper end of the armature shaft and the rear end of the operating shaft and extending through said rear wall, and a housing surrounding said connections and sealing the same exteriorly of said wall.

2,125,694
DOUBLE LAYER CARDBOARD ROOF
Philipp Sattig, Mannheim, Germany
Application April 16, 1936, Serial No. 74,751
In Germany April 20, 1935
1 Claim. (Cl. 108—7)

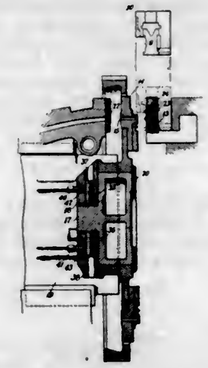


A roof covering made up of unit sections, each comprising two layers of cardboard or the like of substantially uniform surface area and disposed one upon the other in offset edge relation, whereby a margin of the lower layer projects beyond the upper layer at one edge and a similar margin of the upper layer projects beyond the proximate edge of the lower layer at the opposite edge, the contacting faces of the layers being cemented together except for a marginal area of the lower layer at the edge adjacent the projecting margin of the upper layer, the sections being applied for roofing purposes with the uncemented margin of the lower layer resting upon the projecting margin of the lower layer of the preceding unit and abutting the adjacent edge of the upper layer of such preceding unit, the uncemented margin of the lower layer when in position on the projecting margin of the lower layer of the preceding unit providing a double thickness which may be nailed directly to the roof, the projecting margin of the upper layer of the unit being laid and that portion of the upper layer overlying the uncemented portion of the lower layer being designed to be cemented down to overlie, protect and seal the securing means and to overlie and be secured to the upper layer materially beyond the edge of the upper layer of the preceding section, whereby the roof as a whole presents a double thickness of material throughout its full area and a third thickness overlying and sealed to the roof covering in both directions beyond the meeting edges of adjacent units.

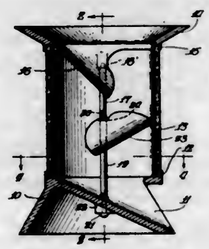
2,125,695
SLUG CASTING MACHINE
Anthony J. Stouges, Queens Village, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application September 11, 1937, Serial No. 163,403
15 Claims. (Cl. 199—47)

1. In a slug casting machine, the combination of a mold wheel carrying a slotted mold, a pair of vise jaws, at least one of which has a longitudinally extending rib on the casting face thereof, means for presenting said mold against said jaws, and means for adjusting the level at which

said mold is presented against said jaws to insure entrance of the rib into the slot without disturbing the relationship between said mold and said wheel.

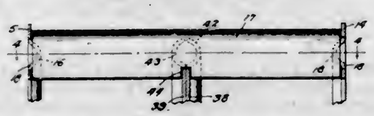


2,125,696
GAME APPARATUS
Glenn M. Surprise, Cedar Lake, Ind.
Application July 18, 1936, Serial No. 91,249
3 Claims. (Cl. 273—145)



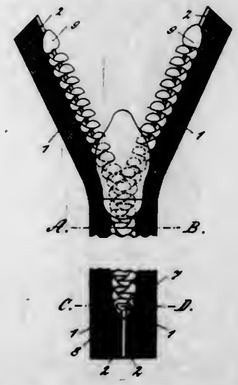
1. Apparatus of the class described comprising a base member equipped with a laterally inclined discharge chute; a transparent cylinder seated on said base member; a top member having flaring sides and an open bottom and seated on top of said cylinder and provided with an inclined entry chute; and an intermediate chute within said cylinder arranged to receive dice from said entry chute, deflect them and discharge them onto said discharge chute.

2,125,697
CENTRIFUGAL BLOWER WHEEL
Wayne T. Swingle and Leo P. Buckley, Hastings, Nebr.
Application September 14, 1937, Serial No. 163,854
3 Claims. (Cl. 230—134)



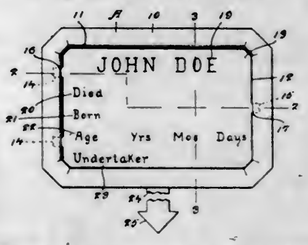
1. A centrifugal blower wheel comprising a pair of end rings having annular ribs formed on one face of each ring, each of said rings being provided with slots extending only through said ribs, blades seated in said slots with their ends against the inner sides of said rings and suitably secured thereto.

2,125,698
SEPARABLE FASTENER
Otto Ulbricht, Birkwitz-on-the-Elbe, Germany
Application May 3, 1935, Serial No. 19,677
In Germany May 2, 1934
5 Claims. (Cl. 24—205)



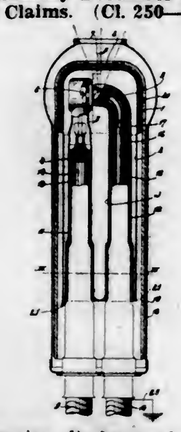
1. Separable fastener, comprising, in combination, stringers each having a reinforced edge, exchangeable and fixable initial and end members on the reinforced edges of said stringers and a plurality of detachable fastening elements loosely disposed on the reinforced edges of said stringers between said initial and end members, said fastening elements being provided with channels and slots laterally extending from said channels and open on the side for selectively arranging said elements on said stringers.

2,125,699
GRAVE MARKER
Sherman H. Updike, Baltimore, Md.
Application April 28, 1937, Serial No. 139,590
1 Claim. (Cl. 40—124.5)



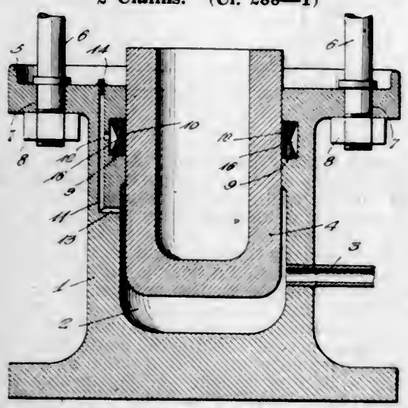
A grave marker comprising a body of sheet material having a flat center portion and an outwardly and laterally curled unbroken edge entirely about and merging with the flat center portion, said edge having slots next to the center portion, diagonally disposed and in spaced relation to each other, and a flexible indicia panel of a size corresponding to the flat center portion of said body and having areas thereof next to the slots separably received therein with the edges of said panel between said areas contacting with the said curled edge, one of said panel areas constituting a latching tongue and engageable with the body for releasably securing the panel in place.

2,125,700
HIGH TENSION DISCHARGE VESSEL
Leopold Völkel, Blankensee, Germany, assignor to C. H. F. Muller, Aktiengesellschaft, Hamburg, Germany
Application November 16, 1933, Serial No. 698,380
In Germany December 2, 1932
4 Claims. (Cl. 250—35)



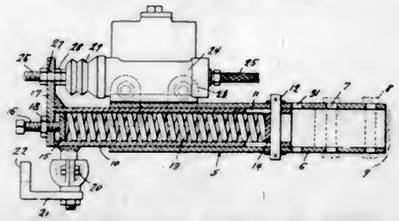
1. A high-tension discharge device comprising an elongated envelope having two re-entrant parts of insulating material forming hollow tubular members, and a cylindrical portion surrounding said members, said members extending side by side into said portion from one end thereof, and being symmetrically disposed with respect to the axis of said portion, two electrodes within said envelope and mounted one on one end of each of said members, said electrodes being spaced apart to form a discharge gap, current leads passing through the hollow of said members and electrically connected to the electrode of their respective member, and means to electrically insulate said leads from each other, said means comprising insulating sleeves surrounding said leads and extending into the hollow of said tubular members, said insulating means being adapted to withstand the full voltage occurring between said electrodes.

2,125,701
PACKING FOR HYDRAULIC PRESSES
William B. Ware, Memphis, Tenn.
Application October 22, 1936, Serial No. 107,066
2 Claims. (Cl. 288—1)



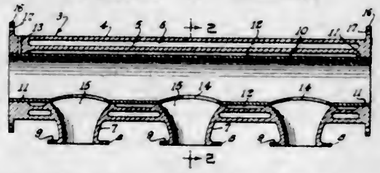
1. A packing ring comprising a laminated structure consisting of strips of flexible material adheringly secured in face to face engagement with each other, portions of the strips at their ends being cut away to provide the same with end tongues and with shoulders at the inner ends of the tongues, said tongues being overlapped and having their free ends disposed in confronting relation to the shoulders, and a sealing strip adheringly secured against the outer side face of one tongue and extending in overlapping relation to the outer side face of the other tongue.

2,125,702
BRAKE ACTUATING TRAILER COUPLING
Frank L. Watson, Walled Lake, Mich.
Application May 29, 1937, Serial No. 145,613
3 Claims. (Cl. 188—142)



1. A trailer coupling comprising a sleeve connected with the trailer, a tubular member telescopically mounted in the forward end of the sleeve, a pin and slot connection between the sleeve and tubular member, a coil spring mounted in the tubular member and bearing against the pin to yieldably maintain the same at the rear end of the slot, means connecting the tubular member to the pulling vehicle and a hydraulic brake actuating mechanism fixedly secured to the sleeve and operatively connected to the tubular member for actuating the mechanism to apply the brakes upon a rearward movement of the tubular member relative to the sleeve.

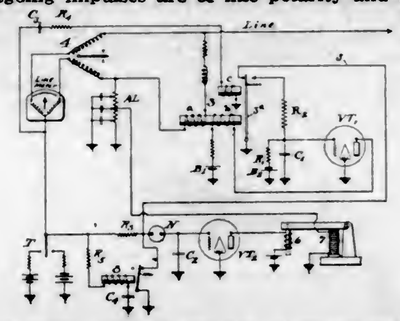
2,125,703
EXHAUST MANIFOLD
John G. Williams, Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey
Application February 19, 1937, Serial No. 126,555
3 Claims. (Cl. 285—210)



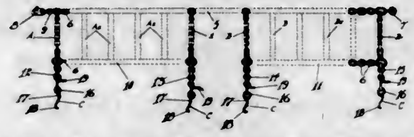
2. An exhaust manifold for internal combustion engines comprising a shell having integral inner and outer walls defining a water chamber therebetween, a sleeve removably secured to the inner wall, said inner wall being recessed to provide an air chamber between the sleeve and said inner wall.

2,125,704
AUTOMATIC DUPLEX BALANCE CORRECTOR
Raleigh J. Wise, Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application September 11, 1935, Serial No. 40,169
5 Claims. (Cl. 178—60)

1. The method of automatically correcting any unbalance between the resistances of the real and artificial lines in a duplex telegraph line, which consists in selecting the maximum amplitude of the received signal waves when the incoming and outgoing impulses are of like polarity and likewise when the impulses are of unlike polarity and varying the resistance of the artificial line under the control of the resultant effect between said different conditions.



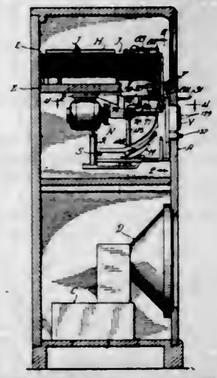
2,125,705
TIRE CHAIN
Charles B. Woodworth, Port Dickinson, N. Y.
Application January 24, 1935, Serial No. 3,296
1 Claim. (Cl. 152—213)



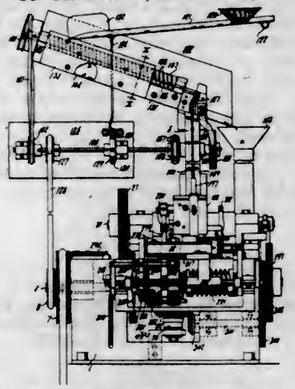
A tire chain comprising a continuous inner side section of interconnected links, means at the ends of the section for securing the same together, an outer side section including two separated lengths of interconnected links, the ends of each of the lengths being provided with additional lengths of interconnected links, the additional links on the relatively outer ends of the separated lengths providing means for locating the outer side section on the outside of a tire, fastening means at the ends of each of said additional lengths for connection with the links of adjacent additional lengths whereby to interconnect the ends of the separated lengths of the outer side sections following location of the side sections on the tire, and cross links extending between the side sections.

2,125,706
PHONOGRAPH
Benjamin F. Wupper, Park Ridge, and James A. Davis, Highland Park, Ill., assignors, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware
Application October 25, 1935, Serial No. 47,656
20 Claims. (Cl. 274—10)

18. In combination in a phonograph for playing records one at a time, a stack of independently operable record carriers for carrying records to and from the stack in the changing from a played record to a record to be played, selector means adjustable along the stack of record carriers to a predetermined position with respect to each said record carrier, bodily swingable record carrier operating means including a plurality of movable members arranged in positions respectively corresponding to the positions of said selector means, each said movable member being engageable by said selector means in its position corresponding to the position of the said movable member for moving said movable member to driving engagement with the corresponding record carrier by the bodily swinging of the record carrier operating means, means for successively adjusting said selector means to a plurality of said predetermined positions, and means for bodily swinging said record carrier operating means while said selector means is in each said position.



2,125,707
MACHINE FOR SECURING FASTENER ELEMENTS
Carl Anderson, George B. Baehr, and Gilman M. Gay, Waterbury, and Charles T. Manville, Woodbury, Conn., assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application May 10, 1935, Serial No. 20,806
36 Claims. (Cl. 153—1)



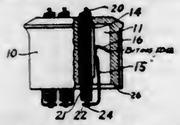
1. In a fastener attaching machine, a main drive shaft, a second shaft selectively connectable therewith, element clamping means, tape feeding means, and counting mechanism normally actuated by said second shaft, a third shaft selectively connectable with said main drive shaft for re-setting the counting mechanism and driving the tape feeding means at a different speed, and means controlled by the counting mechanism for controlling the connection between the main drive shaft and the second and third mentioned shafts.

12. A fastener element sorting mechanism comprising a rotating roll having a groove on its

surface slightly larger than the dimensions of a projecting lug on each of the fastener elements to be sorted, but less in width than other dimensions of the elements, and a spaced wall having a lug engaging and supporting surface, whereby elements falling between the roll and wall with the lugs projecting against the wall are retained in a suspended condition by said surface between the roll and the wall and elements whose lugs project away from the wall fall through the space between the roll and the wall when the lugs engage the groove.

25. A counting mechanism for a slide fastener element setting machine comprising a shaft, a gear secured to the shaft for driving it, a sleeve rotatably mounted on said shaft, a member having a grooved surface secured to said sleeve and rotatable therewith, a member having a tooth engaging said groove and movable longitudinally of the shaft upon rotation of the sleeve, means for turning the sleeve independently of the shaft during the element setting periods of the machine, means actuated by the longitudinally moving element for securing the shaft and sleeve together, and means responsive to the movement of the shaft when so locked to the sleeve for interrupting the movement of the sleeve turning means and actuating the gear attached to the shaft.

2,125,708
ELECTRIC CONNECTER
Milton Alden, Brockton, Mass.
Application May 8, 1933, Serial No. 669,826
16 Claims. (Cl. 173—328)



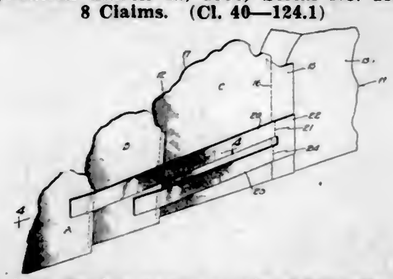
1. An electric connecter comprising an insulating body having recesses open at one end for receiving terminal prongs and closed at the other end and passages opening toward the latter end of the body and communicating with the open ends of the recesses, a contact strip arranged along one side of each recess with a foot resiliently bitingly engaging the wall of said recess near its closed end and having a lug extending transversely of the other end of the body in line with the adjacent passage, and a conductor in each passage having its end electrically connected to the lug at the end thereof.

2,125,709
SURFACING TOOL
Frederick G. Bauer, St. Louis, Mo.
Application July 2, 1936, Serial No. 88,583
3 Claims. (Cl. 51—125)



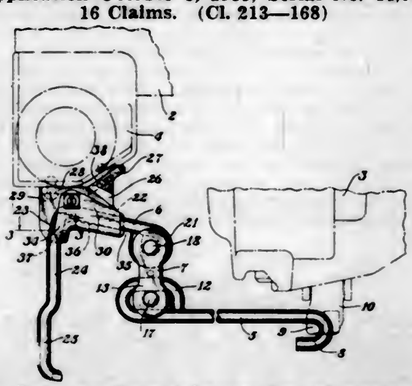
3. A portable conditioning unit for ignition points comprising a support, tapered gripping elements on said support for pivotally mounting a point about its pivotal axis, said elements being movable toward each other to provide a stable pivotal support, clamping means spaced from said tapered gripping elements for positioning and holding the point about said axis, and a manual grinding wheel carried by said support adjacent said clamping means.

2,125,710
DISPLAY DEVICE
Charles J. Bacon, Brooklyn, N. Y., assignor to The Mounting and Finishing Co., Inc., Brooklyn, N. Y.
Application March 12, 1938, Serial No. 195,498
8 Claims. (Cl. 40—124.1)



1. In a display device, a pair of hingedly connected display sections normally disposed in a flat condition one against the other when in non-display position, one of said sections being provided with spaced parallel hinge lines extending from one edge of said section to the opposite edge thereof to divide the said section into integral separate panels, and hinged means connecting the outermost panel of the panel display section with the other of said sections for automatically causing a differential of pivotal movement between said panels when the sections are swung away from each other to cause the panels to assume different flat planes to impart relative depth thereto when in set up display position.

2,125,711
UNCOUPLING MECHANISM FOR CAR COUPLERS
Arthur J. Bazeley, Shaker Heights, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application October 8, 1935, Serial No. 44,008
16 Claims. (Cl. 213—168)



1. In uncoupling mechanism for car couplers, a bracket, a member mounted in said bracket adapted to swing in a substantially vertical plane and having a bearing portion and a second portion substantially at right angles to said bearing portion, means comprising a surface on said bracket adapted to be engaged by said second portion for normally preventing such swinging movement, said member being bodily shiftable laterally in said bracket to a position free of said surface, said bracket being so constructed and arranged as to normally cause said member to assume a position with respect thereto such that swinging movement of said member will be prevented.

2,125,712
DEVICE FOR EXTINGUISHING THE FLAME AND DEADENING THE NOISE OF THE EXHAUST GASES IN INTERNAL COMBUSTION ENGINES
Friedrich Boysen, Stuttgart/Heumaden, Germany, assignor to the firm "J. Eberspächer G. m. b. H.", Esslingen-on-the-Neckar, Germany
Application May 4, 1937, Serial No. 140,995
In Germany May 2, 1936
4 Claims. (Cl. 181—58)



1. A device for doing away with the exhaust flames and deadening the oscillations in the exhaust gases of internal combustion engines, comprising a casing, spaced cooling ducts longitudinally passing therethrough and dividing the interior of the casing into an inner tubular and an outer annular channel, an inlet for the exhaust gases entering the side of the device near one end and discharging tangentially into the said outer channel, and an outlet at the other end of the casing, the spaces between the cooling ducts diverging from the way of the gases in the annular channel at an acute angle in backward direction.

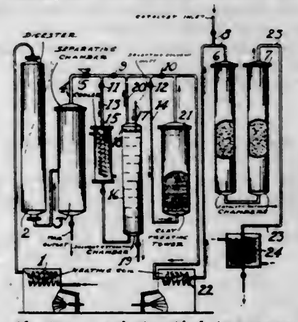
2,125,713
ELECTRICAL TERMINAL PRONG WITH INTEGRAL LUG
Arthur M. Draving, Philadelphia, Pa., assignor to Hugh H. Eby, Inc., Philadelphia, Pa.
Application February 18, 1936, Serial No. 64,481
2 Claims. (Cl. 173—361)



2. A plug-in device comprising a base member having an aperture therethrough, the wall of the aperture being provided with a plurality of inwardly extending projections, a terminal prong generally tubular in configuration and provided at one end with a plurality of axially extending lugs offset radially therefrom, the said lugs being spaced apart circumferentially of the prong a distance substantially equal to the width of the aperture wall projections and the said lugs being so disposed in the aperture that the said projections are interposed between them, whereby the prong is prevented from rotation.

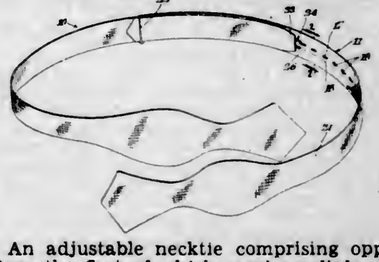
2,125,714
NAPHTHA REFORMING
Stewart C. Fulton, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application October 26, 1935, Serial No. 46,847
4 Claims. (Cl. 196—52)

1. A process for improving the octane number and distillation curve of a heavy straight run naphtha which comprises subjecting said naphtha to a non-catalytic pressure reforming for a length of time sufficient to substantially increase the octane number thereof and to increase its content in light ends to a quantity approximating that desired in the final product, and completing the increase in octane number by subjecting the pressure reformed naphtha to a dehydrogenating catalytic reforming and for a time



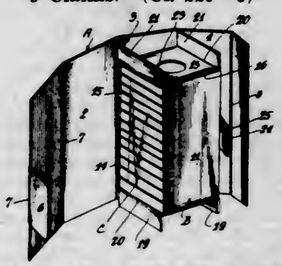
limited so that no substantial increase in light ends is obtained.

2,125,715
ADJUSTABLE NECKTIE
Claire Goldenberg, Brooklyn, N. Y.
Application May 8, 1937, Serial No. 141,395
3 Claims. (Cl. 2—155)



1. An adjustable necktie comprising opposite sections the first of which carries a link affixed to its inner end, the second of which has its end passing through said link and carrying at its inner end a clasp opening in a direction transverse to the length of said section, a strip formed on said second section spaced from its ends, said strip being attached at its ends and at spaced intervals throughout its length to said section but with its margins free to form transverse loops in which said clasp may engage.

2,125,716
CONTAINER
John Golisano, Brooklyn, N. Y., assignor to National Folding Box Company, New Haven, Conn., a corporation of New Jersey
Application June 26, 1936, Serial No. 87,335
9 Claims. (Cl. 229—6)



1. A container for a radio tube and the like including, an outer tubular sleeve, an inner tube-supporting member telescoping within said outer

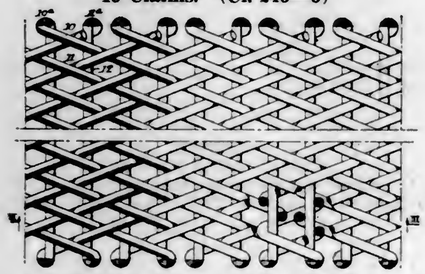
sleeve, said sleeve having a slit therein cooperating with a tab extending from said inner supporting member to limit the telescoping movement of said inner member within the outer sleeve, said cooperating means being so arranged as to be inaccessible from outside the container.

2,125,717

WIRE FABRIC AND METHOD OF MAKING THE SAME

Raymond J. Guba, Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa., a corporation of New Jersey

Application May 20, 1937, Serial No. 143,801
19 Claims. (Cl. 245—6)



1. A wire fabric composed of helically coiled wires arranged in pairs of right hand twist and left hand twist alternately disposed with the spirals of the wires of each pair passing through each other and lying in the same plane, and cross rods forming hinges connecting the respective pairs of wires of different twist throughout the length of the fabric and having their ends permanently connected to the ends of pairs of wires of the same twist which pass through each other and lie in the same plane.

2,125,718

FISHING LINE FLOAT

Herbert C. Haag, Carlstadt, N. J.

Application January 15, 1938, Serial No. 185,095
4 Claims. (Cl. 43—49)



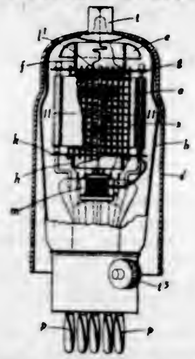
1. A fishing float comprising a body having a projecting means thereon, said means including an eye and a member extending from the eye so that the opening thereof is unobstructed, said eye being adapted to receive a loop formed in the fishing line with a closed end of the loop passed over and around the member to form a slip loop for anchoring the float to the line, said member serving to prevent said loop from passing back through said eye, said eye and extension being relatively rigidly related and constituting a one piece structure.

2,125,719

ELECTRON DISCHARGE TUBE

John Henry Owen Harries, Frinton-on-Sea, England

Application December 12, 1936, Serial No. 115,509
In Great Britain August 24, 1934
14 Claims. (Cl. 250—27.5)



14. An electron discharge tube having a cathode, at least five concentric and successive coextensive grids enclosing said cathode and an anode enclosing said grids and being spaced at the critical anode distance from the nearest of said grids, the second grid counted from the cathode having a mesh more open than that of the first grid counted from the cathode, the third grid counted from the cathode having a mesh closer than that of the first grid, the fourth grid counted from the cathode having a mesh closer than that of said first grid and the fifth grid having a more open mesh than any of said other grid electrodes, said grids being so related that the tube, when employed with the second, fourth and fifth grids at potentials below 100 volts, has an anode current of the order of not more than 10 milliamperes and an anode resistance to alternating current, with an operating anode potential of the order of 250 volts, of the order of 1 megohm, the third grid being grounded and the control grid having a negative potential of the order of 1 volt thereon, and a mutual conductance of the order of 1.5 milliamperes per volt and so that when the fourth grid is grounded, the anode current is of the order of not more than three milliamperes, the mutual conductance of the said third grid is of the order of one-quarter to 1 milliampere per volt, the anode resistance to alternating current and the mutual conductance of the first grid being the same and further, so that with a potential of 250 volts on the anode and the second and third grids, a negative potential of the order of 10 to 20 volts on the first grid with the fourth grid grounded and a potential of the order of 70 volts applied to the fifth grid, the mutual conductance is of the order of 2 to 4 milliamperes per volt and the anode current is of the order of 30 to 40 milliamperes, the knee of the anode-voltage anode-current characteristic occurring at an anode voltage not greater than about 100 volts.

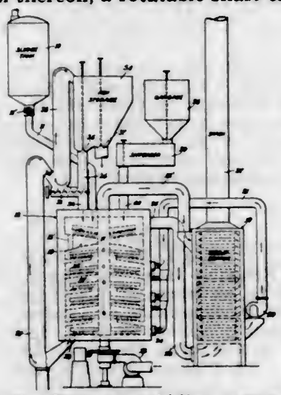
2,125,720

INCINERATION

Henry J. Hartley, Hastings on Hudson, N. Y., assignor to Nichols Engineering & Research Corporation, New York, N. Y., a corporation of Delaware

Application March 31, 1936, Serial No. 71,842
Renewed July 17, 1937
9 Claims. (Cl. 110—12)

1. Apparatus for drying and incinerating a substantially liquid waste material, comprising a furnace having a plurality of superposed hearths, including an upper hearth having a cavity for receiving and temporarily retaining substantial quantities of the material, means for introducing the material onto said upper hearth, a plurality of lower hearths with substantially horizontal surfaces for receiving the material in semi-solid or solid forms, means for providing a flow of gases and air over said lower hearths at a temperature sufficient to dry and then incinerate the material thereon, a rotatable shaft extending



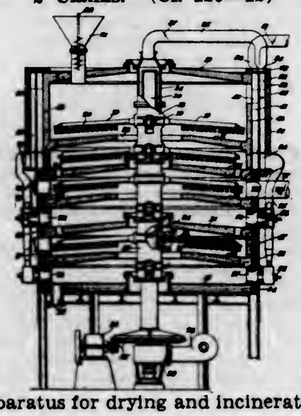
up through the furnace, rabbling means on said shaft at each hearth, alternate hearths respectively being provided with peripheral and central discharge openings permitting the material to pass from hearth to hearth down through the furnace and permitting the hot gases of the lower hearths to rise into contact with the material on said upper hearth, means for conveying ash from a lower hearth onto said upper hearth, said rabbling means including members for mixing said ash with the material on said upper hearth and gradually thrusting the mixture from said upper hearth, for thereby separating the same from the liquid and discharging it to the lower hearths.

2,125,721

FURNACE AND RECUPERATOR STRUCTURE

Henry J. Hartley, Hastings on Hudson, N. Y., and Pauline Schroeder, San Francisco, Calif., assignors to Nichols Engineering & Research Corporation, New York, N. Y., a corporation of Delaware

Application October 3, 1936, Serial No. 103,812
2 Claims. (Cl. 110—12)



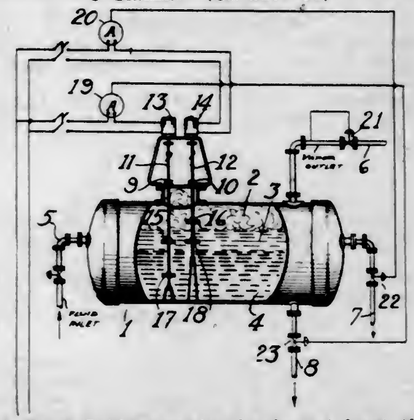
2. Apparatus for drying and incinerating waste materials comprising a furnace having a plurality of superposed hearths surrounded by a generally cylindrical furnace wall, means for introducing the material onto an upper hearth, means for rabbling the material over each hearth and from hearth to hearth down through the furnace, one or more of the upper hearths being provided for drying the material and lower hearths being provided for incineration thereof, means for introducing air at one or more of the incinerating hearths, and means for preheating said air comprising a recuperator of substantially annular shape, mounted upon the upper portion of said wall and substantially concentric therewith, said recuperator including an air passage extending around the top of the furnace and communicating at its intake end with a source of air supply and at its outlet end with an air inlet to the furnace, and a gas passage substantially coextensive with said air passage and extending around the top of the furnace between the furnace wall and said air passage, said gas passage having its intake end connected to receive hot combustion gases from within the furnace and its outlet end connected to a gas exit.

2,125,722

LIQUID LEVEL INDICATING AND CONTROLLING DEVICE

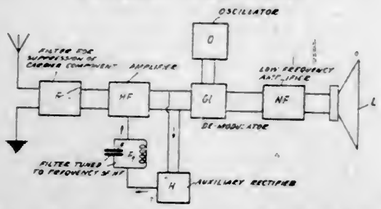
Earl M. Hawkins, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application November 21, 1935, Serial No. 50,993
3 Claims. (Cl. 210—51)



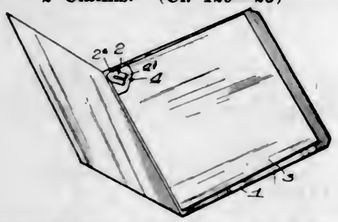
1. In a fluid separator having at least three zones of separation, an inlet for a mixture of fluids of different densities and viscosities, outlet lines communicating with the respective zones in the separator, a valve in each line, actuating means for the valves including means for maintaining a substantially constant pressure on said separator, a means for maintaining a predetermined depth of fluid within each zone comprising drive shafts extending into the several zones, a plurality of impellers mounted in series on the drive shafts, each series of impellers disposed within the predetermined limits of two adjoining zones, means for rotating the drive shafts and means operatively connected thereto adapted to measure the energy consumed by each shaft rotating means with reference to a predetermined constant for the fluid and, in response to variations from said constant, to activate said valve actuating means in the outlet lines as required to maintain the predetermined depth of fluid in each zone.

2,125,723
INTERFERENCE ELIMINATION
Vivian Cohen Henriquez and Bernardus Dominicus Hubertus Tellegen, Eindhoven, Netherlands, assignors to Radio Corporation of America, a corporation of Delaware
Application April 15, 1936, Serial No. 74,428
In Germany May 14, 1935
3 Claims. (Cl. 250—20)



1. A radio receiver having a filter for damping the carrier component of an incoming modulated wave, a high frequency amplifier fed with energy from said filter, a local oscillator and de-modulator for deriving a low frequency wave from the output of said amplifier, a utilization device fed with said low frequency wave, an auxiliary rectifier connected to the output circuit of said high frequency amplifier, and means including a resonant circuit tuned to the frequency of said high frequency amplifier and connecting between the input side thereof and the output side of said auxiliary rectifier for blocking said amplifier in response to interfering and static energy.

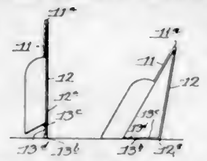
2,125,724
PAPER FASTENER
George B. Hunt, Chicago, Ill., assignor to The Shaw-Walker Company, Muskegon, Mich., a corporation of Michigan
Application March 27, 1935, Serial No. 13,195
2 Claims. (Cl. 129—25)



2. In a folder, the combination of a fastener for binding sheets therein comprising a single broad metal prong secured at one corner of said folder and coinciding with a line extending diagonally across said corner, a follower plate having a slot adapted to receive said prong, and a template portion having two of its meeting edges bearing the same relation to said slot as the corners of the sheets to be fastened in said folder bear to the slits to be pierced therein by said prong when in vertical position, whereby on applying said follower plate to the sheets with said template portion coinciding with the corners to be fastened, the same will be pierced at corresponding points as said prong passes through said slot.

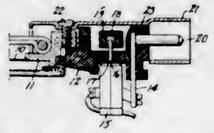
2,125,725
DISPLAY BOX
Marjorie E. Jaques, Chicago, Ill., assignor to Wm. Wrigley Jr. Company, Chicago, Ill., a corporation of Delaware
Application January 18, 1937, Serial No. 121,066
1 Claim. (Cl. 206—44)

A display box having a front wall, end walls, an upwardly and rearwardly inclined bottom wall, a rearwardly inclined back wall, and an easel member, said easel member comprising a supporting member connected to and foldable about the upper edge of said back wall, and a base member connected to and foldable about the bottom edge



of said supporting member and the rear edge of said bottom wall, and said base member being foldable downwardly with reference to said bottom wall upon a transverse line between the bottom of said supporting member and the rear edge of said bottom wall to collapse said supporting member against said back wall.

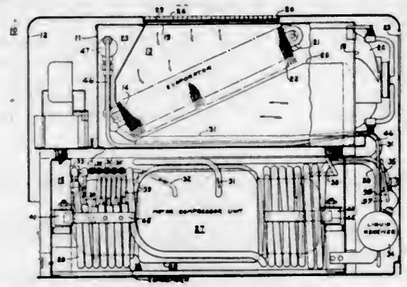
2,125,726
VACUUM CLEANER
Anders Eriksson-Jons, Stockholm, Sweden, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden, a corporation of Sweden
Application December 28, 1934, Serial No. 759,494
In Germany December 30, 1933
1 Claim. (Cl. 173—324)



In a device of the class described, a supporting member made of insulating material and having substantially parallel off-set surfaces joined by an intermediate surface at right angles thereto, conductor members extending through said supporting member at right angles to said off-set surfaces and disposed against said intermediate surface, one of said off-set surfaces being formed with grooves in alignment with said conductor members, contact pins carried by said contact members at right angles thereto and disposed in said grooves, a shield around said pins, an L-shaped insulating member separate from said supporting member and having one branch parallel to said one of said off-set surfaces and formed with grooves embracing said contact pins, the other branch of said L-shaped member being parallel to said intermediate surface and enclosing the portions of said conductor members disposed thereagainst, and means for clamping said L-shaped insulating member between said shield and said pins, whereby said L-shaped insulating member is held in place.

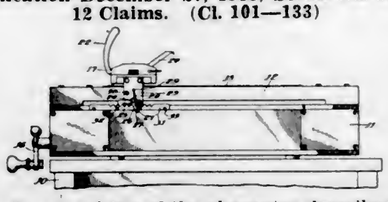
2,125,727
AIR CONDITIONING APPARATUS
Milton Kallscher, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 14, 1933, Serial No. 702,376
10 Claims. (Cl. 62—129)

1. A unit air conditioner comprising a casing having upper and lower compartments, an air cooling evaporator in the upper compartment, means for circulating air through said upper compartment in heat exchange relation with said evaporator, a motor-compressor unit disposed in the lower compartment, a cooling coil disposed about the motor-compressor unit for cooling the



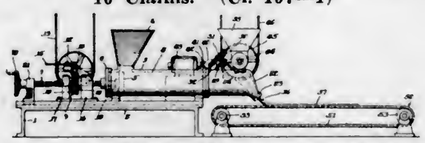
same, and means for conveying cooling water through said coil.

2,125,728
PAYROLL MACHINE
Robert J. Kirkpatrick, Atlanta, Ga., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application December 27, 1935, Serial No. 56,352
12 Claims. (Cl. 101—133)



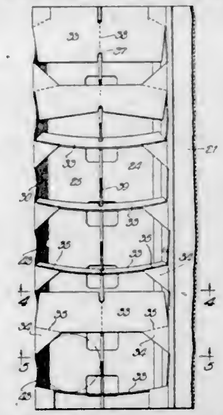
1. In a machine of the character described the combination of a frame, a platen mounted on said frame, a carriage movable over said platen from a home position at the front end thereof, a platen roller movably mounted in said carriage, a handle for moving said platen roller to said platen, a bar on said carriage extending downwardly at the side of said frame, a pawl carried by said bar, and a member carried by said frame and having a plurality of recesses adapted to receive said pawl and selectively limit the movement of the carriage toward home position without preventing it from being advanced over the platen.

2,125,729
MACHINE FOR MAKING FILLED CONFECTIONS
Frank P. Kretchmer, Chicago, Ill.
Application April 30, 1936, Serial No. 77,192
10 Claims. (Cl. 107—1)



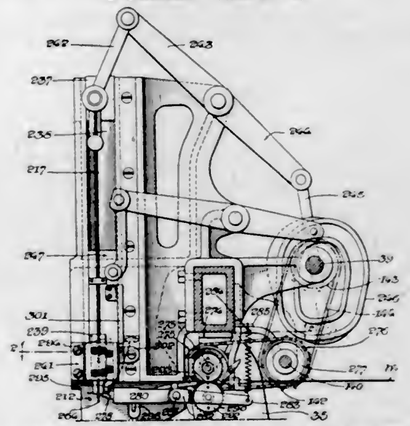
1. A machine for making candy confectionery comprising a chamber, a nozzle communicating with the chamber and having a discharge orifice, a forming member arranged in the nozzle, means for feeding substance into the chamber, a piston in the chamber for forcing substance about the forming member and through the orifice whereby a tubular confection is provided, and screw means in the forming member for forcing substance through the forming member, said forming member having a discharge orifice within the area of the first orifice whereby substance within the forming member is forced through said last named orifice and into the hollow tube confection.

2,125,730
COLLAPSIBLE EGG CARTON
David Levkoff, Brooklyn, N. Y.
Application September 9, 1937, Serial No. 162,959
12 Claims. (Cl. 229—29)



1. In a cardboard egg carton having longitudinal side walls, a bottom wall, a top wall, cross partitions formed integral with said top wall, inwardly converging fold lines extending from opposite sides of said top wall on which the respective cross partitions fold inwardly within said carton, said converging fold lines causing said cross partitions to assume transversely flexed bowed positions when folded into said carton.

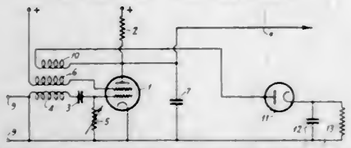
2,125,731
STAPLING MECHANISM
William D. Lipps, Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y., a corporation of Delaware
Original application March 13, 1936, Serial No. 68,683. Divided and this application May 22, 1937, Serial No. 144,137
5 Claims. (Cl. 1—2)



1. The combination with a staple driving plunger and a stationary staple former through which

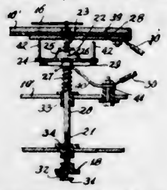
the plunger reciprocates, of a mandrel movable under, into and from the staple former through a determined continuous orbital path, means for actuating said mandrel in timed relation to the plunger, means for intermittently projecting the free end of a wire across said mandrel when the mandrel is under the staple former, and means for severing the projecting end of the wire preparatory to the movement of the mandrel into the staple former, whereby in the entrant travel of the mandrel the severed wire is carried into the stationary staple former and therein bent to staple form.

2,125,732
OSCILLATION GENERATOR
Michael Bowman-Manifold, Worplesdon Station, and Rolf Edmund Spencer, London, England, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England, a corporation of Great Britain
Application May 14, 1936, Serial No. 79,652
In Great Britain May 30, 1935
3 Claims. (Cl. 250—36)



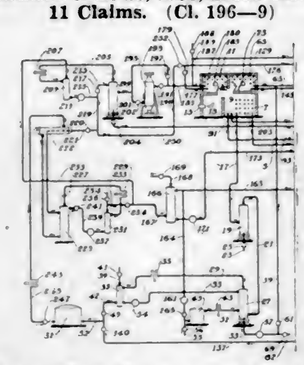
1. An oscillation generator comprising an electron discharge tube certain electrodes of which are interconnected through a reactance and a resistor, said generator being independently operable to deliver impulses at a predetermined natural frequency, a source of driving impulses of a second predetermined frequency higher than the frequency first mentioned, means responsive to impulses from said source for driving said generator synchronously therewith, and means including a uni-directionally conductive device in circuit with said reactance-resistor combination for increasing the natural frequency of said generator to a value commensurate with that of said second predetermined frequency, the last said means being responsive to a failure of the first said means to receive the driving impulses.

2,125,733
TIME SWITCH
Adrian Martin, New York, N. Y.
Application November 17, 1936, Serial No. 111,192
2 Claims. (Cl. 200—38)



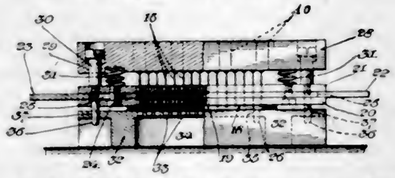
1. In combination with a clock, a switch spindle insulated from and rotative through the frame of said clock and projecting from the face side of the clock and from the back side, a knob on the back side of said spindle by which it may be manually adjusted, a rod slidable through said spindle and projecting from the back side end, a lug slidable on said spindle and connected through a slot in said spindle with said rod, an insulated gear rotative on said spindle and having a hub with a cam cutout cooperative with said lug to permit the gear to slide on said spindle when the cutout and lug are in line, resilient means for urging said gear to slide when said lug and cutout are in line to operate a circuit, a head on the extended end of said rod, and releasable means coacting with said head to hold the rod in said spindle until the gear slides and then by impact releasing said rod whereby said lug becomes inoperative to control said gear and so indirectly said circuit.

2,125,734
METHOD FOR PRODUCING HIGH OCTANE RATING MOTOR FUEL
Percy A. Maschwitz, Chicago, Ill., assignor to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
Application June 28, 1935, Serial No. 28,866
11 Claims. (Cl. 196—9)



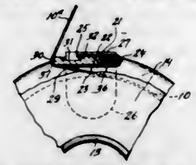
11. The method of converting heavy oils into gasoline which comprises subjecting said oil to conditions of temperature and pressure in a cracking zone suitable for converting a substantial portion of said oil to gasoline boiling hydrocarbons, separating the conversion products into gas, gasoline distillate, and products heavier than gasoline distillate, subjecting gases from the oil cracking step to polymerization conditions of elevated temperature and superatmospheric pressure in a separate zone, quenching the products issuing from the polymerization zone by means of said gasoline distillate to a temperature below polymerization temperature, and contacting the total quenched products with adsorptive catalytic clay without release of pressure at a temperature sufficient to induce polymerization of the gum-forming and color-imparting bodies in said products.

2,125,735
METHOD OF AND MEANS FOR APPLYING PINS TO FLEXIBLE BRUSH BACKS AND THE LIKE
John Morrison, Mamaroneck, N. Y., assignor to Ox Fibre Brush Company, Inc., New York, N. Y., a corporation of Delaware
Application July 24, 1937, Serial No. 155,499
17 Claims. (Cl. 300—21)



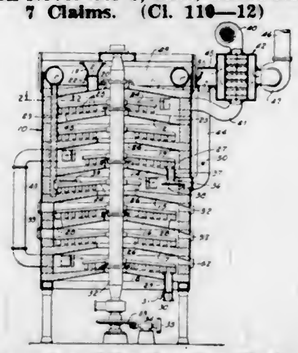
1. In a method of applying pins to flexible backing material, the steps of placing a group of pins, heads down, in the perforated area of a pin guiding element whereof each perforation is of sufficient size in cross-section for the free passage of the head of a pin; supporting the heads of the said pins upon a base element; temporarily securing the pins in the respective perforations of the guiding element; placing backing material upon the said guiding element and above the pins; placing a pin-shank receiving element upon the said backing material; and effecting opposing relative movement between the pin-shank receiving element and the heads of the group of pins in a manner to enter the pins in spaced parallel relation in the opposing surface of the backing material.

2,125,736
TAPE CUTTING DEVICE
Thomas L. Murray, New Rochelle, N. Y.
Application October 1, 1936, Serial No. 103,495
8 Claims. (Cl. 206—59)



1. A cutting device comprising spaced upper and lower walls joined along one longitudinal edge by an end wall, said lower wall being of greater width than said upper wall, a knife-edge formed on the free longitudinal edge of said lower wall, a guard element for said knife-edge arranged for bodily transverse sliding movement between said upper and lower walls, spring means acting on said guard element to move the same outwardly, stop means carried by said upper wall and coacting with a portion of said guard element to limit said outward movement, and means associated with at least one of said walls for mounting said cutting device on a supporting structure.

2,125,737
INCINERATION
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application November 7, 1936, Serial No. 109,617
7 Claims. (Cl. 110—12)



1. In apparatus of the class described, the combination with a multiple-hearth furnace having vertically spaced hearths with outlets through which material introduced at the top of the furnace may be passed from hearth to hearth to the lowermost hearth and then be discharged from the furnace, means at the outlet of one hearth for preventing the passage of gases and dividing the furnace into an upper drying section and a lower burning section, means for supplying air to the drying section and means for discharging hot combustion gases from the burning section and means for conducting air and vapor from the drying section into the burning section, of means for passing hot gases of combustion from the burning section upwardly in heat exchanging relation with the interior of said drying section.

2,125,738
AIRFOIL
William K. Rose, New York, N. Y.
Application December 17, 1936, Serial No. 116,246
5 Claims. (Cl. 244—40)



1. An airfoil for an airplane provided with an elongated wing tip extending downwardly at an angle substantially not greater than 90° from the plane of the main supporting surface of the airfoil and embodying in the wing tip a plurality of vanes or blades forming one or more passageways extending through the wing tip from the lower surface to the upper surface thereof, said vanes or blades being formed with cooperating curved surfaces and being so constructed and arranged that the said passageways are of the turbine type, the passageways being positioned substantially chordwise of the wing tip.

2,125,739
KNITTED AND REINFORCED HEADGEAR
Samuel Rosenberg, Milwaukee, Wis., assignor to Reliable Knitting Works, Milwaukee, Wis., a corporation of Wisconsin
Application January 24, 1936, Serial No. 186,603
4 Claims. (Cl. 2—201)

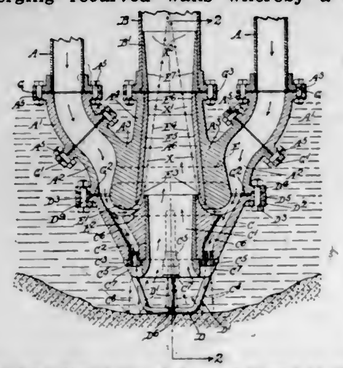


1. A doubled walled rib stitched knitted head covering having the ribs extending over the crown and down the sides, and provided with an insert of relatively stiff form maintaining material enclosed between said walls along the forward margin of the upper portion of the covering, and secured to said walls in tensioning relation thereto, said walls being uncut, seamless and continuously knitted above their lower margins.

2,125,740
HYDRAULIC EXCAVATING DEVICE OR BOOSTER
William H. Schacht, Painesdale, Mich.
Application December 24, 1934, Serial No. 758,923
7 Claims. (Cl. 37—62)

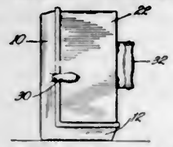
7. An intake device for hydraulic excavators which includes an intake passage member having

a free lower intake edge and a free upper delivery edge, a discharge member axially alined with said intake passage member and including a passage wall in the form of a venturi, a liquid supply passage, means for supplying a liquid therealong, a circumferential liquid passage in communication therewith and surrounding the axis of the venturi, said liquid passage having converging recurved walls whereby a gradual



reversal in direction of flow of liquid is obtained, and terminating in a discharge lip adjacent and surrounding the upper lip of the intake passage member and generally alined with the lower face of the venturi, the length of the intake passage member being substantially less than the length of the venturi, and means for directing an excavating jet downwardly about said intake passage member.

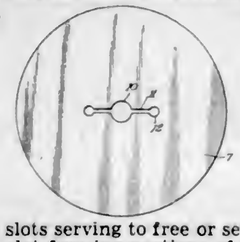
2,125,741
COOKING UTENSIL
Charles Stirn, Chicago, Ill.
Application February 21, 1938, Serial No. 191,587
6 Claims. (Cl. 53—7)



1. A cooking utensil of the frying pan type, comprising: two adjacent bottom elements joined at a dihedral angle along one side of the periphery of each element; rim flanges around the remainder of the periphery of each bottom element; one of said elements being longer than the other; a handle projecting from said long element; the center of gravity of said utensil lying within the geometrical projection of both bottom elements; said handle lying slightly offset from the center of gravity of the utensil in a direction away from the short bottom element.

2,125,742
ABRASIVE DISK
Herman O. Sundhauss, Chicago, Ill., assignor to Joseph L. Eisendrath, Jr., Chicago, Ill.
Application September 26, 1936, Serial No. 102,736
2 Claims. (Cl. 51—195)

1. As a new article of manufacture, an abrasive disk in the form of a comparatively stiff backing piece with a coating of grit particles on one face thereof and adapted to be mounted on a rotary head having a centering hub and a plurality of oppositely facing wings positioned adjacent to the sides of the hub and extending outwardly and substantially parallel to the front face of the head, said disk having a hole in the central portion thereof for receiving the centering hub of the head and a plurality of slots extending outwardly from the hole and adapted to receive and interlock with the locking wings, and also having comparatively large holes at the outer



ends of the slots serving to free or sever the outer ends of the slot forming portions of the disk and to permit such portions to be flexed or distorted out of the plane of the disk and without causing the disk to rupture or crack at the outer ends of the slots in connection with insertion of the wings into the slots during disk mounting.

2,125,743
CATALYST AND PROCESS FOR HYDROGEN PRODUCTION
William J. Sweeney and William E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 24, 1935, Serial No. 56,088
8 Claims. (Cl. 23—212)

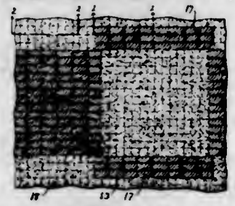
1. A process for the production of hydrogen, which comprises passing a hydrocarbon gas and steam at a reacting temperature of about 1500 to 1700° F. over a catalyst in the form of pills, comprising about 25% nickel and about 75% magnesia, and obtained by admixing nickel, magnesia, and about 1% of boric acid, reducing said mixture to a powdered form, molding said powder into pills, and heating said pills to a temperature above 1700° F. for a sufficient length of time to materially increase their mechanical strength.

2,125,744
WOMAN'S UNDERGARMENT
Gladys M. Stuckey, Manteca, Calif.
Application July 6, 1937, Serial No. 151,975
2 Claims. (Cl. 2—113)



1. In a garment having shoulder straps, an open-ended sleeve formed along one upper edge of the garment between the shoulder straps, and a flexible element, initially having a certain slack therein, slidably disposed in the sleeve and extending beyond the open ends thereof to fixed connection with the garment, the adjacent ends of the shoulder straps being free of the garment and slidably secured in connection with the extending portions of the element between the sleeve ends and the fixed ends of the element; the slack in the element forming loops beyond the ends of the sleeve when the garment is worn and whereby the effective length of one shoulder strap may be increased and at the same time proportionately decrease the effective length of the other strap.

2,125,745
PILE FABRIC AND METHOD OF MAKING THE SAME
William H. Walsh, Philadelphia, Pa.
Application August 11, 1934, Serial No. 739,400
2 Claims. (Cl. 139—403)



1. The method of weaving a pile fabric of the character described which consists in providing stuffer warps, shots of filling weft above the stuffer warps, other shots of filling weft below the stuffer warps, passing a series of pile strands comprising a multiplicity of pile yarns, and each strand of the series being unseparated from an adjacent pile strand of that series by a pile warp strand of another series, successively under and over lower and upper shots of filling weft, and passing another series of pile strands comprising a multiplicity of pile yarns, and each strand of the series being unseparated from an adjacent pile strand of that series by a pile warp strand of another series, successively over and under the alternate upper and lower shots of filling weft, whereby one entire series of pile strands is in staggered relation to all of the pile strands of the contiguous series.

2,125,746
AUTOMATIC FENDER LIGHT
Willoughby Woodward, New York, N. Y.
Application December 3, 1936, Serial No. 113,948
2 Claims. (Cl. 248—289)



1. In a device of the class described, a bracket for attachment on the fender of a vehicle, a band rotatively mounted on one side of said bracket, means for holding said band in fixed rotative positions comprising a depressible stem, and a tubular body rotative in said band and having a cam element engaging said depressible stem for controlling same, said cam element comprising a cam groove being deep at one end and shallow at the other end, and the ends of said groove serving as a limiting means for limiting turning of said tubular body, said depressible stem being slidably and non-rotatively connected with said band, the outer end of the stem being provided with a clutch jaw engageable in the extended position of the stem with a coacting clutch jaw mounted on said bracket.

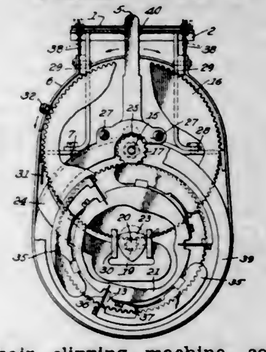
2,125,747
HOLDER FOR PARTITIONS AND THE LIKE
Milton Zadek, Chicago, Ill., assignor to Reflector Hardware Corporation, Chicago, Ill., a corporation of Illinois
Application October 30, 1937, Serial No. 171,921
6 Claims. (Cl. 24—259)

1. A holder for partitions and the like comprising a single piece formed of resilient material and composed of a clip for clasping a partition and having rearwardly divergent wall engaging wings projecting therefrom and adapted for engagement with the side of a wall or partition, at



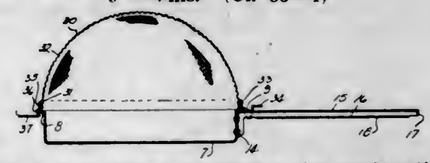
least one of said wings having a foot adapted to extend underneath said wall or partition, whereby the holder is removable and replaceably held in any located position by the wall or partition.

2,125,748
HAIR CLIPPING MACHINE
Willy Rabald, Leipzig, Germany
Application May 16, 1936, Serial No. 80,151
In Germany May 17, 1935
5 Claims. (Cl. 30—43)



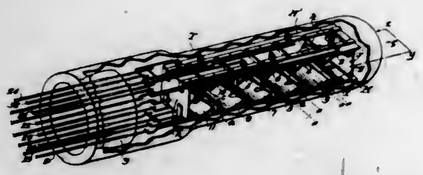
1. A hair clipping machine, comprising in combination a clipper head composed of a guard and a clipper blade both of curved cross-section of approximately the same radius, the edges of the blade resiliently bearing against the guard and being provided with teeth of a depth of about 0.2 millimetre hollowed out to knife edge sharpness on the side of the blade adjacent the guard, means for holding and guiding said blade on said guard, a housing carrying said clipper head, a spring motor accommodated in said housing, and means for transmitting rotary motion of said motor to reciprocate said blade.

2,125,749
CORN POPPER
William Rahr, Two Rivers, Wis., assignor to Carlier & Rahr, Inc., Manitowoc, Wis., a corporation of Wisconsin
Application September 23, 1936, Serial No. 102,097
9 Claims. (Cl. 53—4)



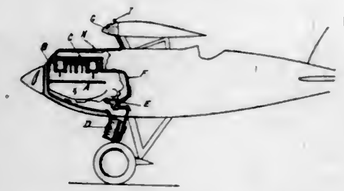
1. A corn popper comprising the combination with a pan, of a flexible cover therefor, means providing a hinged connection between the cover and the pan at one side of the pan, and a latch at the other side of the pan comprising the complementary parts of the cover and pan, each of which is relatively rigid, said parts being engageable and disengageable upon the flexing of the cover.

2,125,750
ELECTRON MULTIPLIER
Edward G. Ramberg, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 26, 1937, Serial No. 144,825
9 Claims. (Cl. 250—27.5)



2. An electron-multiplier comprising a plurality of curved electron-emissive surfaces mounted in spaced relation on opposite sides of an axis which is normal to the generatrices of said curved emissive surfaces.

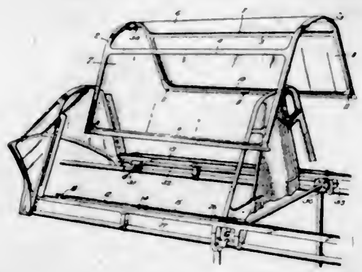
2,125,751
LIQUID COOLING DEVICE FOR AIRCRAFT ENGINES
Raymond Saulnier, Paris, France
Application December 28, 1936, Serial No. 117,945
In France December 27, 1935
5 Claims. (Cl. 123—170)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. In an airplane engine of the liquid cooled type, a cooling system which comprises, in combination, jackets for the cooling fluid surrounding the engine cylinders, a feed tank for the cooling liquid at the front end of the engine, a feed tank for the cooling liquid at the rear end of the engine, said feed tanks being so located and dimensioned as not to project upwardly beyond the highest point of the engine and being located above the engine cylinders, means for interconnecting the upper parts of said feed tanks, and means for connecting the respective lower parts of said feed tanks with said jackets.

2,125,752
REMOVABLE ROOF FOR THE COCKPITS OF AIRCRAFT
Raymond Saulnier, Paris, France
Application December 28, 1936, Serial No. 117,946
In France December 27, 1935
7 Claims. (Cl. 244—121)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)

1. In combination with an aircraft having a cockpit, a roof normally slidable above said cockpit and capable of being operated when in flight, means operative from the inside of said cockpit for displacing said roof, said roof being detachable instantaneously from said airplane, and

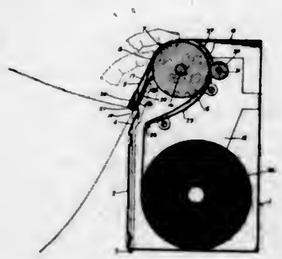


means, operative from the inside of said cockpit, for detaching said roof from said airplane.

2,125,753
PROCESS OF TREATING COAL, COKE, AND THE LIKE
George P. Spencer, New York, N. Y.
No Drawing. Application April 9, 1930, Serial No. 443,001
10 Claims. (Cl. 44—6)

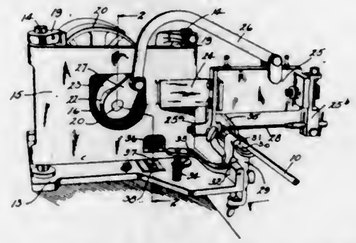
7. A process of treating commercial coal or coke, said process comprising applying to said coal or coke a non-binding emulsion consisting of a quickly evaporating liquid and a slowly volatile petroleum oil; said emulsion having a viscosity sufficient to render the coal substantially dustless and insufficient to cause the lumps of coal or coke to bind together or to cause clogging during flow in chutes.

2,125,754
UNIT DISPENSING DEVICE
Frank G. Steiner, Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah, a corporation of Utah
Application September 21, 1935, Serial No. 41,608
10 Claims. (Cl. 164—84.5)



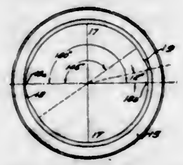
1. A paper dispensing apparatus comprising, a cabinet having a delivery orifice, feeding means including a roll around which the paper passes before reaching the delivery orifice, an opening through which a finger can engage the paper on the roll for moving the roll to feed the paper, severing means arranged intermediately of the roll and orifice, means acting with said severing means to direct the paper to and through the orifice in a downward and outward direction, said severing means being so arranged that after the paper passes through the orifice the same can be engaged with said severing means by an upward movement to procure severing.

2,125,755
SAW FILING MACHINE
Joseph L. Torgerson, Milwaukee, Wis.
Application June 26, 1936, Serial No. 87,343
6 Claims. (Cl. 76—33)



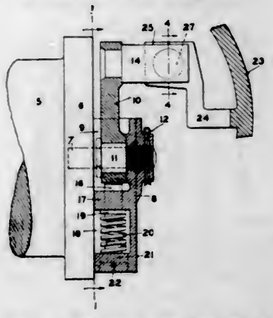
1. In a machine for sharpening a saw having teeth of varying characteristics including a saw holder, a drive shaft, a member mounted for reciprocating movement, means connected to said drive shaft for actuating said member, a sharpener slidably connected to said member, means operatively connecting said drive shaft to the sharpener to move the latter across the saw, stop means for controlling the limit of the movement of the reciprocating member in one direction, and means for actuating the stop means so that during the continuous operation of the machine automatically to control the operating position of the sharpener relative to the saw teeth in accordance with the particular characteristics of the tooth being sharpened.

2,125,756
VEHICLE WHEEL
Andrew S. Van Halteren, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application August 5, 1936, Serial No. 94,399
4 Claims. (Cl. 152—411)



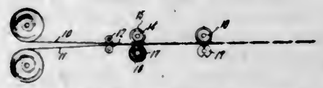
1. A wheel rim comprising an annular tire seat having a gutter at one edge thereof, a tire retaining flange in the form of an endless ring mounted in said gutter, the internal diameter of the flange being less than the distance from the top of the gutter at one side of the rim to the bottom of the gutter at the diametrically opposite side of the rim, said flange provided with means for mounting and demounting the same consisting of a single relief of limited circumferential extent and a mounting slot formed in the inner edge of the flange in a region remote from the relief to provide an inclined contact surface, one circumferential extremity of the contact surface being more remote from the center of the flange than the other circumferential extremity.

2,125,757
DISK DRIVE FOR JOURNAL BEARINGS
Albert Vigne, Webster Groves, Mo., assignor to National Bearing Metals Corporation, St. Louis, Mo., a corporation of New York
Application August 22, 1936, Serial No. 97,479
6 Claims. (Cl. 308—85)



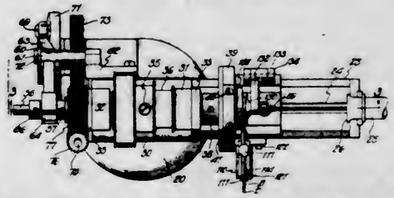
1. In a device of the class described, the combination with a lubricating disk, of an axle, a resiliently mounted arm carried by one of said parts and provided with a dog, and a pair of jaws carried by the other part, said jaws including a pair of spring-pressed balls engaging said dog.

2,125,758
MACHINE FOR MANUFACTURING BAGS
Harry F. Waters, New York, N. Y.
Application May 8, 1935, Serial No. 20,370
7 Claims. (Cl. 93—20)



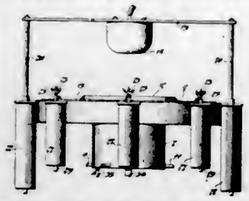
5. In a bag making machine, means to adhere overlapping surfaces of material together comprising in combination, a heat sealing element, a backing member cooperating with said heat sealing element provided with a rubber covering capable of resisting high temperatures.

2,125,759
METALWORKING MACHINE
Hermann Weinacker, Maplewood, N. J., assignor to Universal Chain Co. Inc., Maplewood, N. J., a corporation of New Jersey
Application September 10, 1935, Serial No. 39,883
10 Claims. (Cl. 153—64)



1. In a machine of the type described, an expansible and contractable forming mandrel, means for rotating said mandrel, means for expanding said mandrel, and resilient means for contracting said mandrel, said mandrel expanding and contracting means being automatically operated independently of each other during rotation of the mandrel.

2,125,760
APPARATUS FOR MOLDING, BLOCKING, OR OTHERWISE SHAPING MATERIALS, HATS, OR ARTICLES
George David Weir, Caulfield, Victoria, Australia
Application April 9, 1935, Serial No. 15,469
In Australia April 21, 1934
6 Claims. (Cl. 223—13)



1. Apparatus for molding, blocking or otherwise shaping materials comprising a casing having a vacuum chamber therein, a perforated fixed mold on said casing to receive a hat or article to be shaped or molded, a movable mold adapted under the action of vacuum and compressed air to engage and disengage respectively with said fixed mold, means to stretch the brim of said hat outwardly synchronously with the movable mold engaging with the fixed mold and a resilient pressure creating and molding member mounted on said casing to close on to and grip the hat or article on said fixed mold after the movable mold has been displaced from engagement therewith.

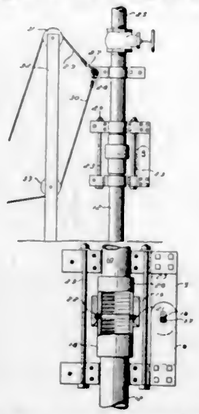
2,125,761
DECK DOOR
Fred J. Westrope and James Vehko, Detroit, Mich., assignors to The Murray Corporation of America, a corporation of Delaware
Application June 1, 1936, Serial No. 82,900
9 Claims. (Cl. 296—44)



4. A deck door construction comprising a reveal panel preformed to provide a channel presenting inwardly around the marginal edge thereof, a flange on one leg of said channel extending substantially perpendicularly to the body of said panel, a reinforcing member having portions adapted to lie adjacent the inner surface of said panel and having a flange adapted to mate with the flange on said panel, said members being secured together through said mating flanges and providing a structure of hollow box section adjacent the marginal edge of said panel, and a section of soundproofing material disposed on the interior surface of said panel and retained in position by said reinforcing member.

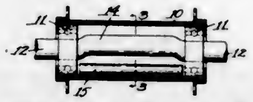
2,125,762
OIL OR GAS WELL SNUFFER
Charles E. Wheeler, Casper, Wyo., assignor of twenty-five per cent to Marcel L. Gehres and twenty-five per cent to Bryant S. Cromer, both of Casper, Wyo.
Application August 16, 1937, Serial No. 159,395
1 Claim. (Cl. 166—15)

In combination with a well casing having an upper end section, a well snuffer device comprising a control head casing equipped with a coupling on the lower end thereof, a sleeve fixed to said coupling and having a lower section extending below the lower end of the coupling, said sleeve formed with an interior circumferentially extending groove adjacent said lower section, a gasket mounted in said groove for effecting a seal between said coupling and said well casing, said lower section fashioned with an arcuate shaped circumferentially extending inner face for guiding said lower section over the upper section of said well casing, pairs of relatively adjustable hinged arms clamped to said control



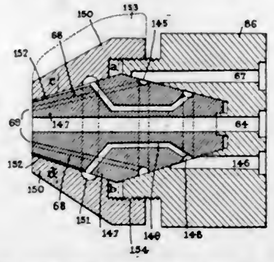
head and said well casing respectively and permitting vertical adjustment of said control head relative to said well casing, means connected to said control head above said coupling for pivoting said control head above said well casing for connection with the latter through the medium of said sleeve, and bolts equipped with nuts and extending through the respective pairs of arms for adjusting said control head on said well casing in a manner to compress said gasket and thereby seal said sleeve on said upper end of said well casing.

2,125,763
COASTING AND DRIVING HUB
Paul V. Anderson, Gardner, Mass., assignor to Gardner Tool and Stamping Company, Gardner, Mass., a partnership consisting of Paul V. Anderson, Gardner, Mass., and William Le Clair and Henry F. Greene, both of East Templeton, Mass.
Application January 25, 1937, Serial No. 122,327
3 Claims. (Cl. 192—64)



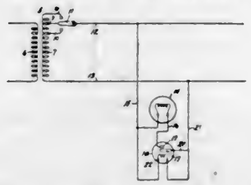
1. In a device of the character described, the combination with a wheel hub having a cylindrical inside surface, of an axle for supporting pedals on its ends, said axle having an eccentric portion entirely in the form of an offset complete circle from end to end of the hub, and a roller inside the hub of such size as to be engaged by the outside of the eccentric part of the axle and pressed by the rotation thereof against the inside of the hub at the bottom thereof, irrespective of the direction of rotation, to clutch the hub and cause it to rotate with the axle, said roller being set free of the axle when the axle is turned backwardly so that the eccentric portion extends away from the roller to allow the hub and the wheel carried thereby to coast in either direction.

2,125,764
APPARATUS FOR PROJECTION OF MOLTEN PULVERIZED BODIES
Francois Philippe Charles Benoit, Paris, France
Application October 19, 1935, Serial No. 45,772
In France October 31, 1934
1 Claim. (Cl. 91—12.2)



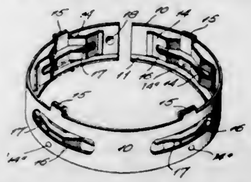
A burner for use in projecting molten material comprising at least one member having the following conduits and arrangement thereof, a central conduit for the discharge of an air stream holding in suspension particles of the material to be melted, a plurality of gas conduits for the discharge of a gaseous combustible mixture disposed around said central conduit and terminating at the burner tip in an annular series of outlet orifices surrounding the outlet orifice of the central conduit, and a plurality of air conduits through which air may be passed to cool said member and said gaseous combustible mixture, said air conduits throughout a part of their length being located closer to the central conduit than are the gas conduits and then crossing said gas conduits and terminating at the burner tip in outlet orifices which form an annular series surrounding the annular series of outlet orifices of the gas conduits.

2,125,765
REMOTE CONTROL SYSTEM
Henry E. Butler, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application April 9, 1937, Serial No. 135,907
3 Claims. (Cl. 171—97)



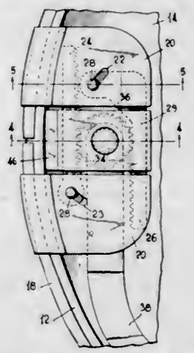
3. In a street lighting system, the combination of a single power circuit, means for changing the voltage on said power circuit above and below a predetermined value, a street lighting unit, a switch operable to connect said unit to said power circuit, and means for operating said switch comprising a heating element the temperature of which is responsive to the voltage on said power circuit, and a thermal element connected to operate said switch to connect said unit to said circuit when the voltage on said power circuit remains for a definite period of time at a predetermined value above rated value, and to disconnect said unit from said circuit when said voltage remains for a definite period of time below the rated value, and to maintain said switch in either of said operating positions when said power circuit voltage remains at normal value.

2,125,766
PISTON RING EXPANDER
Maynard G. Carlisle, Manchester Center, Vt.
Application April 10, 1937, Serial No. 136,233
3 Claims. (Cl. 309—43)



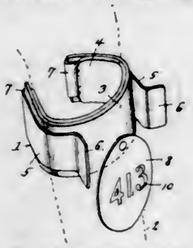
3. A device for the purpose indicated comprising a ring member formed with an inturned annular flange at one edge and tongues at the opposite edge bent over and down against the back face of the ring member and terminating in presser springs, the ring member being formed with circumferential slots directly in front of the presser springs, the presser springs being arranged in pairs with the units of each pair on opposite sides of but integrally connected with the tongues, and the latter having vent openings therein.

2,125,767
FULL REMOVABLE DRUM HEAD CLAMPING RING
Robert Campbell, West New Brighton, Staten Island, N. Y., and John R. Proctor, Bayonne, N. J., assignors to Atlas Steel Barrel Corporation, Bayonne, N. J., a corporation of New Jersey
Application March 19, 1935, Serial No. 11,884
12 Claims. (Cl. 220—61)



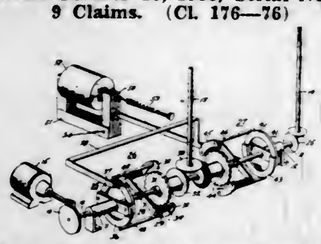
1. In combination with a split clamping ring adapted to embrace the head and flange of an assembled drum and removable drum head, a manually operable assembly pivotally associated with and bodily movable with reference to the ends of the ring and connecting the same operable to first draw the ring firmly against the head and flange at a point diametrically opposite the split portion of the ring and subsequently wrap each half of said ring progressively about the head and flange.

2,125,768
ANIMAL MARKER
Harry S. Christensen and Donal D. Draper, Oxford, Nebr.
Application November 9, 1937, Serial No. 173,675
2 Claims. (Cl. 40—23)



2. A marker to be applied to a leg or to the tail of an animal and comprising a resilient clip embodying a substantially U-shaped outer band of flat resilient metal having rear free ends urged together and adapted to be spread apart, an inner lining band of soft material secured to the outer band, a pair of spreader members of flat metal extending along opposite sides of said outer band and terminating at the front of said outer band in a pair of opposed laterally spaced hand grips, said spreader members being bent around the rear free ends of the outer band, respectively, and secured thereto, and an identification tag secured to the front of the outer band.

2,125,769
ELECTRIC ARC LAMP
Clarence T. Crocker, Daytona Beach, Fla., assignor to General Electric Company, a corporation of New York
Application October 17, 1936, Serial No. 106,152
9 Claims. (Cl. 176—76)
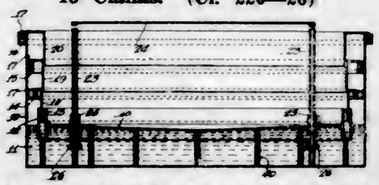


1. The combination in an arc lamp having a carbon and a carbon feeding mechanism for advancing and retracting the carbon, of means for actuating the carbon feeding mechanism comprising a drive member, a driven member operatively connected to said carbon feeding mechanism and a reversible clutch mechanism interposed between said members, said clutch mechanism being adjustable to effect a variable average speed transmission between said members, and means actuated in response to operating conditions of the arc for selectively actuating said clutch mechanism to effect movement of said carbon for adjusting the clutch mechanism to vary the average speed transmission between said members.

2,125,770
PICTURE HANGER
Stanley Dabroski, Chicopee, Mass.
Application April 6, 1936, Serial No. 73,033
1 Claim. (Cl. 248—32)

In a picture hanger, a vertical shank having a lower out-turned continuous approximately circular spiral bend the inner and outer portions of which are lapped and spaced apart to provide a wedge-form passage and seat for the picture wire, the inner upper portion of said spiral bend forming with the lower portion of said shank a flaring entrance to said passage, said spiral bend being a spring bend which tends to be reduced in diameter by the engagement of the picture wire with said wedge-form passage.



2,125,771
STORAGE TANK FOR VOLATILE LIQUIDS
Vincent A. de Castro, Habana, Cuba
Application March 7, 1936, Serial No. 67,694
15 Claims. (Cl. 220—26)

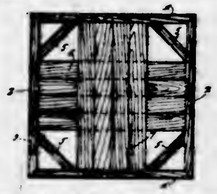


1. A tank and roof construction comprising a shell adapted to contain fluid, a roof adapted to overlie and float upon the fluid so contained, sealing means between the roof and the shell, comprising, an upwardly facing annular trough on the roof, a plurality of upwardly facing troughs spaced vertically and fixed to the inner face of the shell and decreasing in width, from lower to upper, and a sealing means for each shell trough including spaced depending flanges each being telescopically receivable in the one above.

2,125,772
SEXUAL HORMONE COMPOSITIONS AND PROCESS OF PRODUCING SAME
Wilhelm Dirscherl, Heidelberg, Germany, assignor to Rare Chemicals, Inc., Nepera Park, N. Y., a corporation of New York
No Drawing. Application November 5, 1935, Serial No. 48,391. In Switzerland November 7, 1934
25 Claims. (Cl. 260—26)

25. A crystalline hormone preparation, melting at 174° C., containing a keton group, soluble in a mixture of benzene and ligroine and possessing a capon unit in about 10–20 gamma, obtained from acetyldihydrocinchol through oxidation, forming the semicarbazone and splitting the isolated semicarbazone.

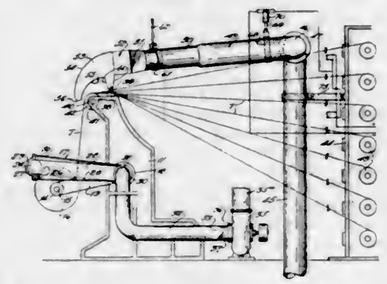
2,125,773
SEAT FOR AMUSEMENT SLIDES
Glenn H. Drabenstott, Wooster, Ohio
Application August 15, 1936, Serial No. 96,263
2 Claims. (Cl. 272—56.5)



1. A seat for use with amusement slides and chutes and comprising a frame having opposed

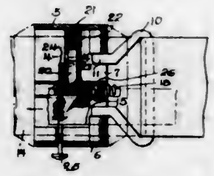
sets of grooves in the inner faces thereof, with the grooves of each set arranged one above the other, flexible cross slats bridging the frame and providing a seat portion, with the ends of the slats mounted in certain corresponding grooves of opposed sets and the slats being removable therefrom to be interchangeable with any of the corresponding grooves of opposed sets to vary the height of the seat portion with respect to the frame.

2,125,774
CLEANING HOOD FOR TEXTILE MACHINERY
Ernest J. Eaddy, Spartanburg, S. C.
Application April 20, 1937, Serial No. 138,055
11 Claims. (Cl. 28—22)



1. A lint removing device for the comb of a warping machine comprising a transparent hood, means to support the hood normally over said comb and having an intake passage normally positioned above said comb, and means to produce suction in said hood, said hood also extending to a point forwardly of the comb and having a second intake passage at said forward point.

2,125,775
SEPARABLE FASTENER OR BUCKLE
Louis Eisenman, Brooklyn, N. Y.
Application September 16, 1936, Serial No. 101,166
2 Claims. (Cl. 24—206)

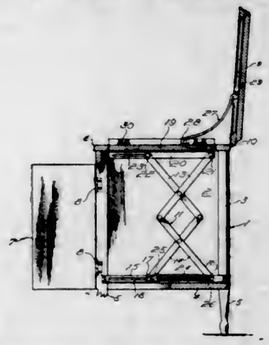


1. A device of the character described comprising a hollow body member having a through channel, means on the body member for attaching the same to one of two strap members adapted to be connected, the other of said strap members being adapted to pass through the open body member, a ratchet mounted upon the free end of one of the strap members comprising a plurality of vertically disposed teeth, a wire upon which the teeth are mounted, and a flexible support for the wire secured to the free end of the strap member, and cooperating means in the body member adapted to engage with the ratchet teeth.

2,125,776
COMPOSITE MOLDING COMPOSITION AND PROCESS OF MAKING SAME
Carleton Ellis, Jr., Montclair, N. J., assignor to Plaskon Company, Incorporated, a corporation of Delaware
No Drawing. Application October 31, 1935, Serial No. 47,614
2 Claims. (Cl. 106—22)

1. Hot pressed objects consisting of urea aldehyde horn condensation products having internal projections which mesh with projections on the hot press, said objects by virtue of their horn content having such flexibility when hot as to permit said projections thereon to be sprung over the projections of the mold without breaking of said objects.

2,125,777
CONVERTIBLE TYPEWRITER CABINET
Eustace D. Estrates, Irvington, and Alex Psihas and George Lasfakis, Newark, N. J.
Application May 3, 1937, Serial No. 140,518
3 Claims. (Cl. 312—24)

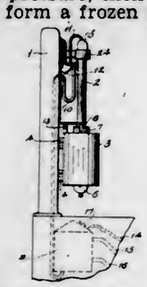


1. A typewriter cabinet open at its upper end and comprising, a table for supporting a typewriter, lazy tong devices supporting said table for vertical movement inwardly and outwardly of the cabinet, stops for limiting outward movement of said table to the plane of said upper end to close the latter, a pair of leaves on opposite sides of said table, respectively, hinged thereto to be swung over and against the upper edges of said cabinet when said table is located in said plane, and a top for the cabinet hinged thereto and operatively connected to said table to move the same.

2,125,778
CONTINUOUS METHOD OF TREATING EDIBLE FLUIDS
Milton Feder, Lancaster, Calif.
Application May 10, 1935, Serial No. 20,860
Renewed April 14, 1938
1 Claim. (Cl. 99—136)

The continuous method of treating edible fluids in successive steps in a hermetically sealed system, which comprises agitating and refrigerating the edible fluids at one end of the system while maintaining the same above atmospheric pressure, then feeding said fluids by said pressure through an intermediate part of the system while heating same to a pasteurizing temperature, then removing the heat of pasteurization while maintaining the pressure adjacent the remote end of the system and spraying the fluid under pressure to produce particles forming a

mist at reduced pressure, then freezing said mist on a surface to form a frozen mass while scrap-



ing said surface and collecting said mass at the remote end of the system.

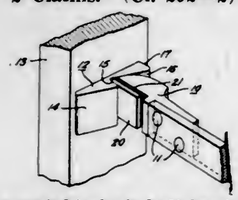
2,125,779

AUTOMOBILE DOOR LOCK-BOLT

Harvey D. Geyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application May 15, 1936, Serial No. 79,871

2 Claims. (Cl. 292—2)



1. A reciprocatable lock-bolt having a separate metal contact plate yieldably mounted on its outer end portion, said metal contact plate being adapted to engage a relatively stationary keeper, and a resilient non-metallic cushion isolating said contact plate from the main body of said bolt.

2,125,780

METHOD OF AND MEANS FOR PRODUCING LUMINOUS EFFECTS

Jeremiah F. Goggin, Davenport, Iowa

Application February 20, 1936, Serial No. 64,991

2 Claims. (Cl. 40—134)



2. An article of manufacture comprising a supporting member having a surface bearing luminescent material to be activated by vibrational energy, in combination with a picture, symbol, character, object, or the like, in contact with the luminescent material and serving as a shield to shield, in part, the luminescent material from the vibrational energy, whereby to cause said material to have the appearance, when exposed in the dark and with the picture, symbol, or the like, removed, of having a shadow thereon, said picture, symbol, or the like, being free of any connection with the supporting member.

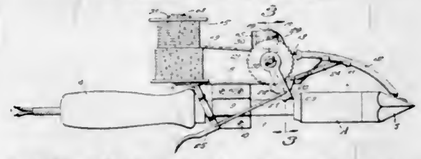
2,125,781

SOLDER FEED FOR SOLDERING IRONS

Burness V. Harris, Fort Sumner, N. Mex., assignor of one-half to Harry Hasskamp, Fort Sumner, N. Mex.

Application June 1, 1937, Serial No. 145,872

1 Claim. (Cl. 113—109)



A solder feeder device for a soldering iron comprising a separable clamp for fastening to the iron and having a relatively long support provided with an outwardly bent hanger terminal at the foremost end thereof, an inwardly curved feeder tube on said terminal for the training of strip or tape solder therethrough and directing it to a tip of the iron, an outstanding journal at the other end of the support and disposed at right angles to the longitudinal axis of said iron, a strip or tape solder-carrying spool rotatably fitting the journal for the delivery of strip or tape solder to the tube, spaced outstanding bearings on said support between the tube and spool, closely arranged related rollers journaled in said bearings and having the strip or tape solder passing therebetween, a ratchet wheel for driving one of the rollers and disposed at one side of the support, a substantially U-shaped swinging arm loose about the axis of said wheel and in suspended relation thereto, a ratchet dog pivoted in said arm for ratchet action upon the wheel, a spring connected with the terminal and said dog for holding it in ratchet acting position and also for exerting a pull upon the arm in one direction, an oscillatory trigger swingingly suspended from said support in close relation to the iron, and a link connecting the trigger and the said arm.

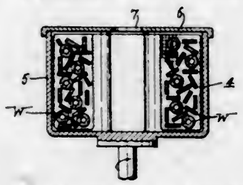
2,125,782

METHOD OF MAKING ABRASIVE TOOLS WITH CONDUCTING PROPERTIES

Roger N. Heald, Worcester, Mass., assignor to The Heald Machine Company, Worcester, Mass., a corporation of Massachusetts

Application November 16, 1936, Serial No. 110,945

6 Claims. (Cl. 51—278)



1. A method of treating an abrasive element of a porous nature, which consists in subjecting the element to the action of pressure developed centrifugally within a mass of colloidal graphite completely surrounding the abrasive element.

2,125,783

DOOR HANDLE

Herbert H. Heeman, Lakewood, Ohio

Application August 10, 1937, Serial No. 158,382

11 Claims. (Cl. 292—347)

2. A door handle having a plurality of annular grooves formed therein and a plurality of longitudinal bores connecting said grooves, an integrally formed rubber cushion device molded



within said grooves and bores having portions thereof projecting through said grooves beyond the outline of the handle to cushion the same.

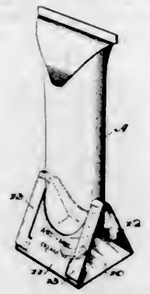
2,125,784

HOLDER OR SUPPORT FOR COLLAPSIBLE TUBES AND THE LIKE

Edward Higgins, Scottdale, Pa.

Application August 21, 1937, Serial No. 160,334

3 Claims. (Cl. 248—109)



3. A support of the character set forth, comprising a base portion, upwardly extending walls forming continuations of, and rising from, opposite sides of the base portion, said walls having cutaway portions presenting an article receiving opening spaced vertically above the base portion, and one of said walls having portions thereof at points laterally offset from the opening and overlapping the other wall and provided with locking tongues projecting laterally therefrom through slitted portions of the last-mentioned wall to thus hold the walls securely against relative displacement.

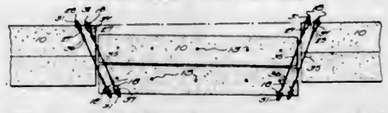
2,125,785

METHOD OF RECONDITIONING ROADS AND PAVEMENTS

George H. Hill, Jr., Parkersburg, W. Va.

Application December 29, 1933, Serial No. 704,588

12 Claims. (Cl. 94—22)



1. The method of replacing in normal position one of a pair of adjacent slabs which has become relatively displaced laterally away from the other slab which comprises engaging an opposite connected pair of clamping means with the remote edges of the two slabs, and progressively tightening the clamping means until the displaced slab has been returned to normal position while resting on the supporting subgrade.

2,125,786

MOTOR VEHICLE WHEEL FOR TRACTORS

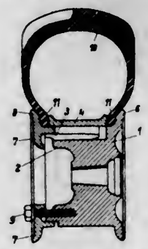
Hans Hürlimann, Wil, Switzerland

Application February 24, 1937, Serial No. 127,501

In Switzerland August 25, 1936

3 Claims. (Cl. 152—401)

1. In a vehicle wheel of the type aforesaid, a wheel body adapted to receive the axle, a pneumatic tire adapted to be detachably mounted on said wheel body, a distancing ring axially movable on said wheel body and located between the base flanges of the tire, means to slidably interconnect the said distancing ring and the said



wheel body, a pressure ring, screws engaging said pressure ring, said distancing ring being composed of a plurality of sections, each section having means engaging the wheel body.

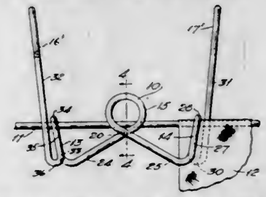
2,125,787

WIRE CLOTHESPIN

Sola Istre, Lake Charles, La., assignor of one-half to Alvin O. King, Lake Charles, La.

Application September 16, 1937, Serial No. 164,218

1 Claim. (Cl. 24—139.1)



A clothes holder for wire clothes lines comprising a single length of wire formed to provide a central coil, having its axis extending transversely of the holder, having the convolutions divided into two groups, with a common plane of each group extending at an angle to the common plane of the other group to provide an upwardly facing clothes line gripping portion therebetween; horizontally extending arms, extending in opposite directions from the remote ends of said coil, substantially parallel to each other along the holder; transversely and oppositely extending downwardly facing line gripping portions at the remote ends of said arms; angularly oppositely upwardly extending levers forming reverse bend connections with respect to the said last mentioned portions; and oppositely extending hand grip loops at the upper ends of said levers; said downwardly facing line grip portions and said hand grip loops having parallel planes common to the loop and grip at each end of the holder and extending transversely thereof.

2,125,788

CLOSURE FOR BOTTLES, JARS, AND LIKE CONTAINERS

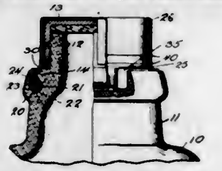
Charles W. Johnson, Washington, D. C.

Application July 27, 1934, Serial No. 737,281

19 Claims. (Cl. 215—7)

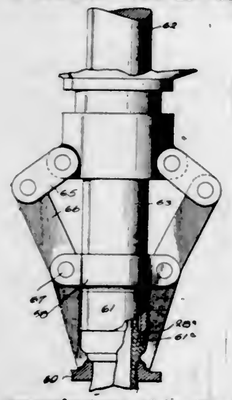
13. A bottle having a neck and being provided with an integral, upwardly extending neck flange which terminates short of the mouth edge of the bottle, the flange forming with the exterior neck surface an annular sealing pocket which opens upwardly, the diameter of the bottle neck portion within the pocket being reduced in the direction

of the bottom of the pocket to provide a surface against which a closure sealing instrumentality may be clinched, and the pocket being of sufficient



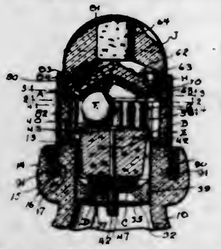
width as to permit the insertion, with slight clearance, of means for clinching the instrumentality as aforesaid.

2,125,789
METHOD OF MANUFACTURING GLASSWARE
Charles W. Johnson, Uniontown, Pa.
Application November 12, 1934, Serial No. 752,757
3 Claims. (Cl. 49—84)



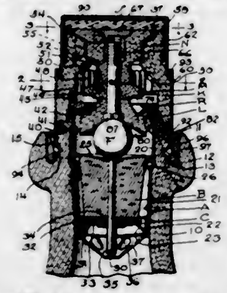
1. In the manufacture of bottles or like ware, the method which consists in the steps of shaping and finishing the neck portion of the ware and simultaneously therewith forming a solid flange which extends outwardly from the exterior surface of said neck portion, blowing the body portion of the ware, reheating the upper and lower faces of the flange, and thereupon turning the flange relatively upwardly along the ware neck into annular pocket-forming relation with the neck.

2,125,790
NONREFILLABLE BOTTLE AND LIKE CONTAINERS
Charles W. Johnson, Uniontown, Pa.
Application September 11, 1935, Serial No. 40,137
8 Claims. (Cl. 215—22)



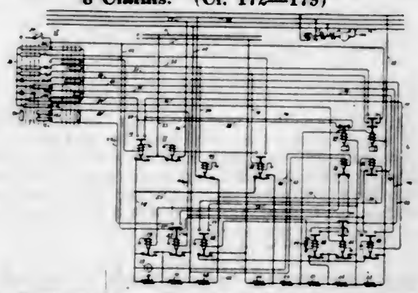
1. In a non-refillable bottle, in combination with a bottle having a neck flange forming with the exterior bottle neck surface an annular sealing pocket about the bottle mouth, and the bottle neck having an undercut shoulder disposed within said pocket, of a non-refillable stopper for said bottle provided with a shoulder, a foil cap for the stopper extending over said stopper shoulder, a crimp ring having a portion bearing on said stopper shoulder and being thereby operative to secure the foil cap to the stopper and having another portion extending into said pocket, and means, insertable into said pocket for permanent location therein, for crimping said extending portion of the crimp ring beneath the undercut shoulder of the bottle neck whereby to secure the stopper to the bottle.

2,125,791
NONREFILLABLE STOPPER
Charles W. Johnson, Uniontown, Pa.
Application December 20, 1935, Serial No. 55,461
16 Claims. (Cl. 215—25)



3. A non-refillable stopper unit for a bottle or like container, the stopper having an inlet and an outlet, means providing a tortuous passage between said inlet and outlet, float controlled means within the stopper for controlling admission of liquid from the bottle to said passage, and gravity responsive means contained in the stopper for controlling said stopper outlet, said first means including a movable retaining element for said last means.

2,125,792
CONTROL SYSTEM
Benjamin W. Jones, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application January 30, 1937, Serial No. 123,217
8 Claims. (Cl. 172—179)



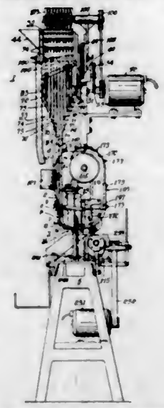
8. A motor control system for hoists and the like in which the motor drives the load and at times is overhauled thereby comprising a plurality of resistors in the motor armature circuit, a plurality of contactors each for shunting a corresponding one of said resistors, a multi-position reversing type master switch for controlling the operation of said contactors in sequence to shunt said resistors, and means responsive to the direction of current flow in the armature circuit of said motor for preventing operation of one of said contactors from shunting its corresponding resistor during motoring operation in the lowering direction and providing for shunting said resistor when said motor is overhauled by its load and during motoring operation in the hoisting direction said means comprising a rectifier connected across a portion of said armature resistors.

2,125,793
PAPER UTENSIL
Garrett B. Linderman, Jr., Hagerstown, Md., assignor to Kimberly Stuart, Neenah, Wis.
Application June 26, 1937, Serial No. 150,447
4 Claims. (Cl. 229—2.5)



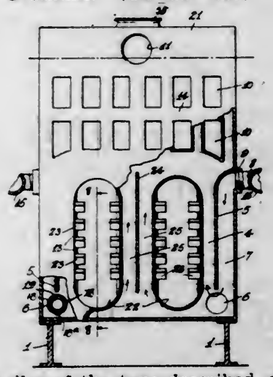
1. A generally cup-shaped receptacle formed from flat sheet material and having a bottom, a side wall, and a flange extending outwardly from the periphery of said side wall, said side wall and flange having pleats therein resulting from drawing said flat sheet material into cupped form, the pleats of said side wall merging with the pleats of said flange, and a rigid, peripherally extending member encircling said receptacle and having portions frictionally engaging all around the upper surface of the flange and the lower surface of the flange for positively maintaining the pleats of both said flange and said side wall in tightly closed condition, said member also being operable to stiffen said receptacle and protect the edge of said flange.

2,125,794
MACHINE FOR MAKING TAGS
Frank Magidson, Pittsburgh, Pa., assignor to Pittsburgh Tag Company, a corporation of Pennsylvania
Original application February 16, 1934, Serial No. 711,550. Divided and this application May 7, 1937, Serial No. 141,380
11 Claims. (Cl. 93—87)



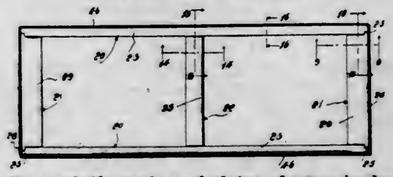
1. A machine for making pin-on tags comprising a landing having one end of a strip of tab material positioned thereover, means for feeding pins to said landing one at a time, means for folding the end of said tab material around a portion of said pin, means for securing the folded material to a pin, means for pulling the pin with the material secured thereto out of said landing to advance said tab material through the same, and means for severing the pin-on tag from said material and leaving the severed end of said strip over said landing.

2,125,795
CAST IRON STEAM, VAPOR, AND HOT WATER BOILER
Thomas F. Maguire, Charlotte, N. C.
Application June 16, 1936, Serial No. 85,578
4 Claims. (Cl. 122—225)



1. In a boiler of the type described, a series of sectional vertical hollow water containing units, each unit constructed with two horizontally spaced openings to provide fire chambers with a water chamber therebetween and water chambers at the sides of the unit, return water headers in connection with each of the aforesaid units, inwardly projecting heat absorbing vertical fins projecting into the water chambers, vertically disposed chambers forming a partition midway between the walls of the spaced fire chambers to provide an upward flow of water in separate bodies of water, and vertically extending partitions within the series of sectional vertical hollow water containing units dividing said series of sectional vertical hollow water containing units into vertical passages for the down flow and up flow of water, said vertical passages communicating with each other for the up flow of water adjacent the fire chamber.

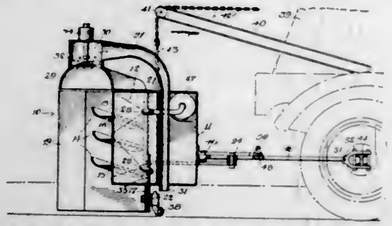
2,125,796
CLOTH REEL
Giles M. G. Makin, Pawtucket, R. I.
Application December 21, 1936, Serial No. 117,038
5 Claims. (Cl. 206—50)



2. In a cloth reel, a skeleton frame including side and end rails and an intermediate transversely extending brace rail, said rails being constructed of sheet metal, a slidable interlocking connection between the rails, and angle

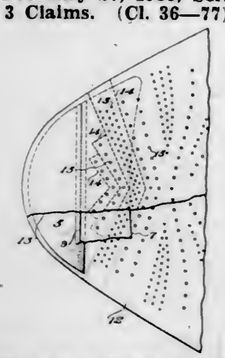
braces between the corners of the side, end and brace rails having an interlocking connection at their edges with the rails.

2,125,797
SNOW REMOVAL MACHINE
John J. Marino, New York, N. Y.
Application June 8, 1937, Serial No. 146,995
7 Claims. (Cl. 37—12)



1. A device for melting snow, comprising a contact plate, burners situated behind said contact plate and adapted to heat the same, and shutters in said contact plate to allow the passage of melted snow therethrough.

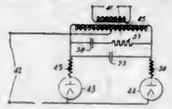
2,125,798
TOE STIFFENER
Harry G. McMurray, Greenwood, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H., a corporation of New Hampshire
Application February 27, 1936, Serial No. 65,987
3 Claims. (Cl. 36—77)



1. A two-part toe stiffener for shoes and the like comprising a front portion of fibrous material impregnated with stiffening material of dark color and a rear portion of substantial width from the front to rear impregnated with a stiffening material of light color only thereby to prevent discoloration on the exposed surface of the shoe upper over said rear portion of the stiffener when the stiffener is used with an upper of light color.

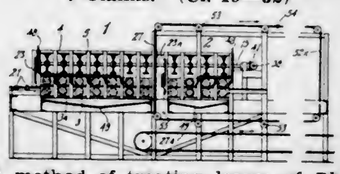
2,125,799
CIRCUITS FOR ARC-BACK SUPPRESSION
George F. Metcalf, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 16, 1936, Serial No. 74,806
6 Claims. (Cl. 175—363)

1. In an electric system comprising an arc discharge device having an anode and a cathode, and means to impress an alternating supply voltage upon said anode, said device being subject to the occurrence of arc-back therein, means to interrupt said arc-back within a time period beginning with the instant of initiation of said arc-back which is less than the time period of a half cycle of said alternating voltage, said means including an oscillatory circuit such that immediately upon



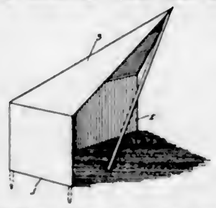
initiation of an arc-back in said device a transient is produced in said system by said oscillatory circuit which continues after said initiation during a time period only which is small relative to the time period of a half cycle of said alternating voltage.

2,125,800
METHOD OF AND APPARATUS FOR THE TREATMENT OF FLAX AND THE LIKE FIBERS
Richard Howse Milburn, Parnell, and Herbert Granville Milburn, Remuera, Auckland, New Zealand
Application February 23, 1937, Serial No. 127,252
In New Zealand March 23, 1936
7 Claims. (Cl. 19—32)



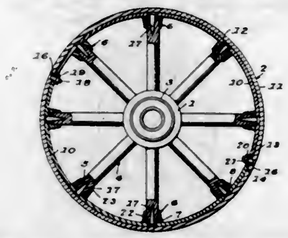
1. A method of treating leaves of *Phormium tenax* and the like so as to decorticate the same and leave the fiber comprising, admitting the leaves at regular intervals to a first series of rollers, crushing the leaves with the exception of their butt ends in said first series of rollers, admitting the butt ends of said leaves to a second series of rollers without treating same in transit therethrough, reversing the direction of travel of said butt ends of the said leaves and crushing same while returning through the second series of rollers, washing away the chlorophyll between the rollers of both series of rollers, and discharging the fiber produced from between the two series of rollers in the desired form.

2,125,801
BEACH TENT
Ralph L. Morgan, Richmond, N. H.
Application June 24, 1936, Serial No. 87,054
3 Claims. (Cl. 135—5)



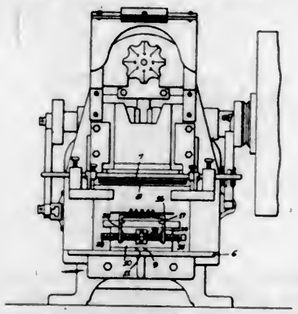
1. A beach tent formed from two similar and trapezoidal-shaped pieces of material having one of the non-parallel edges of each piece substantially perpendicular to the parallel edges and the other non-parallel edge making an angle substantially greater than a right angle with the shorter parallel edge, said pieces having their shorter parallel edges secured together and having said other non-parallel edges located adjacent to each other, with said other non-parallel edges secured together to form the top.

2,125,802
WHEEL
John Nation, Ree Heights, S. Dak.
Application September 18, 1937, Serial No. 164,559
1 Claim. (Cl. 301—70)



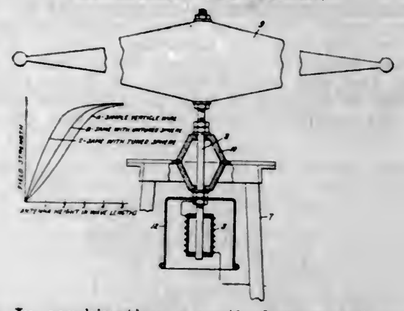
In a wheel of that type including wooden spokes, reinforcing ferrules at the outer ends of the spokes, a felly bearing against the outer ends of the ferrules and formed of a pair of semi-circular members, a tire shrunk upon said felly, means extending through said felly and the outer ends of the ferrules and engaging in said spokes for anchoring the felly and spokes together, and spaced means extending through the bodies of said tire and felly for clamping them together.

2,125,803
PERFORATING MACHINE
Charles E. Newton, Brockton, Mass.
Application January 3, 1936, Serial No. 57,393
13 Claims. (Cl. 164—93)



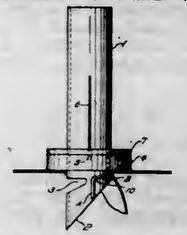
12. In a perforating machine, the combination comprising an anvil, of the type that is supported by the bed of a perforating machine, having ways formed in its upper surface, a guideway for a die structure having a base adapted to be supported by said surface, said guideway having portions resting on said surface and adapted to slide therealong into embracement with opposite sides, respectively, of the die structure base as it is supported on said surface, said guideway also having portions adapted to overlie the margins of said base sides, respectively, said first named guideway portions having secured thereto slide blocks located in said ways to constrain the sliding of the guideway portions to the path determined by the ways, and means cooperating with the slide blocks and mounted independently thereof for sliding said guideway portions and blocks as determined by the ways to effect the embracement and overlying stated.

2,125,804
ANTENNA
Clifford A. Nickle, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 25, 1934, Serial No. 727,409
17 Claims. (Cl. 250—33)



9. In combination, a vertical grounded antenna, and an impedance connected between the top thereof and the ground adjusted to a value on the base current-impedance characteristic where the base current varies over a relatively large range upon any substantial change in said impedance.

2,125,805
SPOUT FOR SEALED METAL CONTAINERS
Jasper B. Peddicord, St. Bernard, La.
Application November 17, 1937, Serial No. 175,114
3 Claims. (Cl. 221—23)

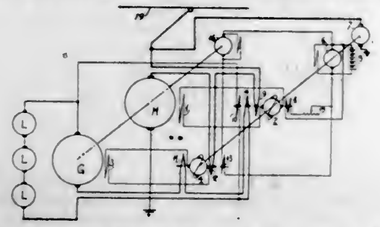


1. A spout for sealed metallic containers comprising a tube having one end obliquely cut to form a penetrating portion and slotted adjacent said penetrating portion, a cushion disc mounted on the tube adjacent the slot, a sustaining washer mounted on said tube against the cushion disc and having oppositely arranged grooves, ribs formed on said tube to overlie the sustaining washer and retain the same tightly against the cushion disc and may enter said grooves to permit removal and replacement of the sustaining washer on the tube, and means carried by the tube adjacent the penetrating portion to have a camming action on a wall of the container penetrated by the penetrating portion when the tube is rotated relative to the container.

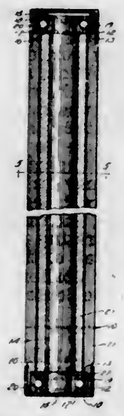
2,125,806
ELECTRICAL EQUIPMENT
Joseph M. Pestarini, Staten Island, N. Y.
Application February 11, 1937, Serial No. 125,254
In Great Britain February 20, 1936
9 Claims. (Cl. 172—239)

1. A motor-generator set provided with a generator having an armature, a motor having an armature arranged to drive said generator, a field exciting winding for said motor, a first source of direct constant current electrical power supply,

means for connecting said motor field exciting winding to said first source of direct constant current supply, a field exciting winding for said generator, a second source of direct constant current electrical power supply, means for connecting said generator field exciting winding to said second source of direct constant current supply, means for controlling the current of said first and said second sources of direct current supply in accordance with the armature current of said motor, means for controlling the current of said first and said second sources of direct current supply in accordance with the armature current of said generator, means for controlling the current of said first and said second sources of direct current supply in accordance with the voltage of said motor, means for controlling the current of said first and said second sources of direct current supply in accordance with the voltage of said generator, means for controlling the current of said first and said second sources of direct current supply in accordance with a current responsive to the speed of said set, means for controlling the current of said first source of direct current supply in accordance with a predetermined controlled current, and means for controlling the current of said second source of direct current supply in accordance with a predetermined controlled current.

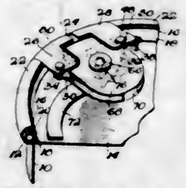


2,125,807
BAR
Zach Ansel Petty, Beckley, W. Va.
Application March 19, 1938, Serial No. 197,006
10 Claims. (Cl. 189—9)



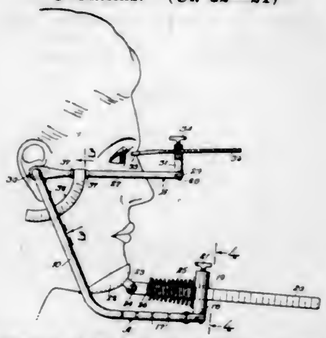
1. A bar for the purpose set forth comprising an outer elongated tubular member, an inner solid bar disposed in said outer member, anti-friction bearings at each end of said bar within said outer member, a sealing means interposed between said anti-friction bearing adjacent one end of said inner bar, and an inner tubular member interposed between said inner bar and said outer member and rotatable relative to said inner and said outer member.

2,125,808
CLAMPING RING
John R. Proctor, Bayonne, N. J., assignor to Atlas Steel Barrel Corporation, Bayonne, N. J., a corporation of New Jersey
Application April 3, 1937, Serial No. 134,908
12 Claims. (Cl. 220—61)



1. In combination with a split channeled clamping ring having inwardly extending lugs associated with each end thereof, an arm pivotally connected to each lug, a bearing in the free end of each arm, eccentrically related cams rotatably journaled in the bearings respectively, and means for rotating said cams as a unit to thereby draw the ring ends together.

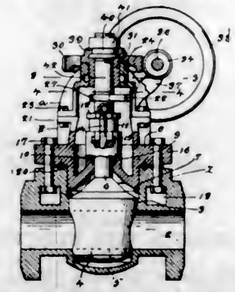
2,125,809
DENTAL DEVICE
John Baird Puckett, Robstown, Tex.
Application April 21, 1937, Serial No. 138,154
5 Claims. (Cl. 32—21)



1. A device of the character described including upper and lower bows pivotally connected, said device having ear-engaging pieces at the points of pivotal connection of the bows, and means carried by both bows for engaging the head of a patient, the means carried by the lower bow constituting a chin-engaging member and the means carried by the upper bow constituting a nose-bridge-engaging member.

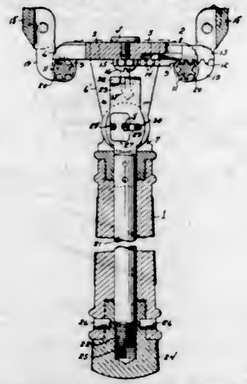
2,125,810
PLUG VALVE
Francis T. Reed, New Orleans, La.
Application February 15, 1937, Serial No. 125,853
2 Claims. (Cl. 251—97)

1. A valve comprising a body formed with a duct therethrough, a tapered plug spanning the duct diametrically to divide the latter into intake and outlet ports, said plug being formed with a diametrical bore therethrough with its axis in the plane of the axis of said duct and being engaged in a tapered seat in the body, a stem extending axially from the plug, a bonnet closing the body above the plug and being formed with a yoke provided at its top with a bearing, a hub rotatably mounted in said bearing and disposed in surrounding relation to the valve stem and operatively connected with the latter to permit limited relative angular movement between itself and the stem, the bearing being formed on the interior surface with circumferential grooves having their intermediate portions in a



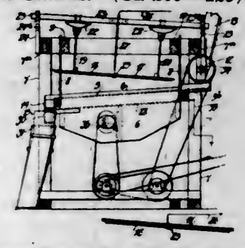
plane at right angles to the axis of said stem and their extremities depressed angularly downward from said plane, the hub having oppositely disposed pins traversing said grooves, and a stop member surrounding the stem below the hub and provided with a radial extension abutting the arms of the yoke to limit angular or turning movement of the stem, the limited relative angular movement between the stem and hub being equal to the angular movement of the pins in traversing the depressed portions of the grooves.

2,125,811
ADJUSTABLE HEAD SAFETY RAZOR
George Lawson Robertson, West Philadelphia, Pa.
Application August 24, 1937, Serial No. 160,687
6 Claims. (Cl. 30—60)



1. A safety razor comprising a bed plate adapted to have a blade positioned thereon and provided with double cutting edges, means for preventing the blade from shifting on the bed plate, guard fingers formed on said bed plate for the cutting edges, clamping plates journaled on the bed plate to assume blade clamping position or blade releasing position, spring means acting on said clamping plates to normally position the latter in non-clamping position, a handle, pivotal means between the handle and the bed plate, an operating means carried by the handle and movable relative thereto, means cooperating with said operating means for swinging the bed plate to assume variable angular positions with respect to the handle, and means cooperating with the operating means for moving the clamping plates into clamping position on the bed plate assuming any of its angular positions with respect to the handle and to free said clamping plates to permit the latter to assume non-clamping position when the bed plate assumes a position at right angles to the handle.

2,125,812
METHOD AND MEANS FOR SEPARATING GRANULAR MATERIAL
John Stephenson Robertson, Melbourne, Victoria, Australia
Application August 28, 1936, Serial No. 98,415
In Australia September 9, 1935
12 Claims. (Cl. 209—129)



1. Apparatus for the separation of granular material wherein the particles are of different shapes comprising, a sieve inclined in one direction and having the openings thereof of such size as to permit particles of the general shape to pass therethrough when upended, means for vibrating the sieve, means for feeding the granular material onto the upper end of said sieve, an electrode arranged adjacent to and oppositely inclined with respect to said sieve, a second electrode associated with said sieve, an electrical source connected with said electrodes, whereby the longer particles of the granular material in moving down said sieve are upended by the electrostatic field, means for collecting the particles which pass over said sieve and means for separately collecting the particles which pass through said sieve.

5. The method of separating elongated granular material from more regular shaped particles which comprises, depositing such mixed material onto an inclined sieve having openings therein of such a size as to permit the minor dimension of the elongated particles to pass therethrough, imparting vibrating motion to the mixed material to cause the same to move downwardly over said sieve, subjecting the mixed material to an electrostatic field of such intensity as to upend only the elongated particles, and thereafter moving the particles into an electrostatic field of gradually decreasing intensity, so that the elongated particles pass through the sieve in the upended position and are thus separated from the more regular shaped particles.

2,125,813
FILING CABINET AND RECEPTACLE FORMING A PART THEREOF
Edwin S. Roscoe, Rochester, N. Y., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y., a corporation of New York
Application July 14, 1933, Serial No. 680,440
5 Claims. (Cl. 45—2)

1. In an article of the class described, an open-ended case formed of sheet material, reinforcing flaps joined to said material at the open end of

said case, and folded to overlap the margins thereof, and a metallic border channel-shaped in cross section having the channel of said border fitting said open end and engaging certain of the folded reinforcing flaps, certain of the flanges



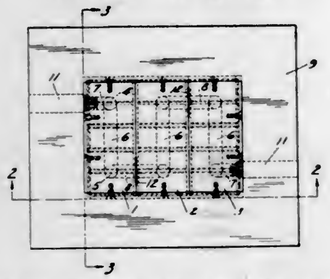
of said border having portions extending inwardly beyond the free edges of said flaps and being reversely bent on themselves for abutting the free edges of certain of said flaps in end-to-end relation to lock the border on the case.

2,125,814

STEAM HEATED CORE FOR MOLDING BATTERY CONTAINERS

Robert J. Rote and Sidney W. Britton, Rock Island, Ill.

Application April 20, 1936, Serial No. 75,400
1 Claim. (Cl. 18—19)



A core for molding plastic articles to be cured by heat, comprising a plurality of shaping blocks having approximately parallel openings extending through a major portion of one dimension thereof, having an opening in each block connecting a pair of adjacent ends of the approximately parallel openings in that block, and each of said blocks having other openings at one end thereof extending transversely to the first mentioned openings to mate with other like openings in adjacent blocks, said blocks being arranged in side-by-side relation with said ends in contact with each other and with the mating openings forming continuous channels between the blocks, and a holding frame tightly shrunk around said ends of said blocks to hold them pressed intimately together so as to prevent leakage between the blocks.

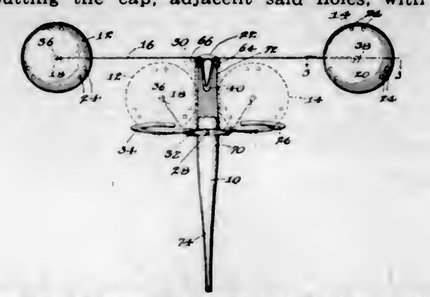
2,125,815

WHIRLING TOY

Gar Lee Rowell, Nichols, S. C., assignor of ninety-five per cent to Rafe Earl Grainger, Nichols, S. C., and Julius Grainger, Green Sea, S. C.

Application August 25, 1937, Serial No. 160,925
3 Claims. (Cl. 46—52)

1. A toy comprising in combination, a handle having an axially extending recess and a circumferential groove; two devices each having a diametral slot; each device comprising two hemispheres, one having an integral axle and the other having a bore hole of less depth than the free length of said axle; a cord secured at each end to the axle of one of said devices and extending through said slot; whistle means spaced about the periphery of said devices and arranged in communication with said slots; a cap having two diametrally spaced holes and inturned flanges; said cord extending through the holes in said cap, having knotted portions internally abutting the cap, adjacent said holes, with a



free loop between the knots and the loop resting in said recess; said flanges engaging said groove.

2,125,816

CONTACT MEMBER FOR ELECTRICAL CONNECTIONS

Charles H. Reynolds, Malden, Mass., assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass., a corporation of Massachusetts

Application May 25, 1935, Serial No. 23,447
5 Claims. (Cl. 173—363)



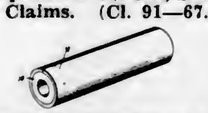
1. An electrical contact member having an outer tube provided with contact fingers opposite each other and separated by spaces of a width substantially equal to that of said fingers, and having a second tube within the outer tube provided with contact fingers separated by spaces of a width substantially equal to that of the last-mentioned contact fingers, said second tube having its spaces registering with the contact fingers of the outer tube and its contact fingers registering with the spaces of the outer tube.

2,125,817

PRINTING ROLL

Moyer M. Safford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application September 11, 1931, Serial No. 562,353
5 Claims. (Cl. 91—67.8)



1. A printing roll comprising a steel core surfaced with a flexible resilient, non-oil-absorbent, printing ink resistant alkyd resin, said resin being the product of reaction of glycerine, phthalic anhydride, glycol and succinic acid.

2,125,818

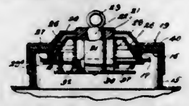
FUEL TANK LOCK

Fred E. Schneider, Grand Junction, Colo.

Application December 31, 1934, Serial No. 759,974
12 Claims. (Cl. 70—172)

1. A locking closure adapted to be applied to a container which has an inturned flange with openings therein, including a locking mechanism, a cap supporting said locking mechanism, said locking mechanism comprising a cylinder mounted within said cap and adapted to be actuated by

a key, an anchoring member carried by said cylinder and comprising an anti-splash plate having laterally extending arms, said anchoring member having angularly extending flanges for reinforcing the same, the flanges of the anchoring member having cut-away portions, a locking member carried by said cap and having depend-



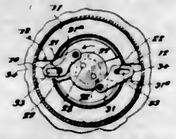
ing legs, the legs being provided with laterally extending feet adapted to be swung within the cut-away portions of the flanges of said anchoring member, whereby said laterally extending feet may be moved into and out of engagement with the inwardly turned flange of the container for preventing the unauthorized removal of the cap from the container.

2,125,819

LOCKING CLOSURE CAP

Fred E. Schneider, Grand Junction, Colo.

Application September 3, 1937, Serial No. 162,382
11 Claims. (Cl. 70—172)



1. A locking closure cap for a fuel tank which has a flange with openings therein including: a lock adapted to be operated for locking engagement with said cap, a retaining member carried by said cap and having means fitting in said opening and movable under said flange for holding said cap against removal, an anchoring member pivotally connected to said lock, and guide means carried by said cap and engaging said anchoring member for limiting the swinging movement of said anchoring member, said anchoring member being movable to and from an engaging position with respect to said opening in said flange as said lock is rotated wth respect to said cap.

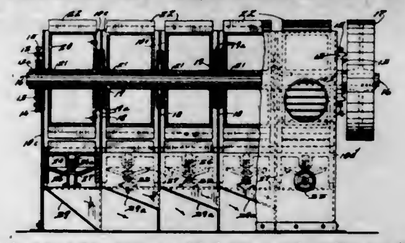
2,125,820

APPARATUS FOR CONTINUOUSLY BEATING PAPER PULP

Ralph J. Serpas, Minneapolis, Minn.

Application August 24, 1936, Serial No. 97,502
4 Claims. (Cl. 92—25)

1. A continuous beater for paper pulp having in combination, a casing having an elongated chamber therein, a single shaft journaled in said casing extending longitudinally through said chamber, a series of partitions in said chamber extending transversely of said shaft and forming a plurality of consecutive and contiguous compartments, a beater roll in each of said compartments secured to said shaft, a group of bars in each compartment cooperating with the beater roll therein, means for delivering pulp to pass between the beater roll and the bars cooperating therewith in said first compartment and means forming passages for receiving the pulp passing between each roll and the bars cooperating therewith, except those in the last compartments; each of said passages leading first downwardly and longitudinally of said casing and then laterally thereof, under the beater roll and bars cooperating therewith in the next adjacent compartment to the intake side of said last-named roll and bars, means for discharging from said casing the pulp passing between the beater roll and bars in the last compartment, and means for



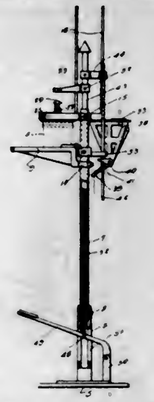
relatively adjusting said bars and rolls so that said bars are successively closer to said rolls from the first to the last compartment.

2,125,821

CONTAINER CAPPING MACHINE

Lucien M. Sibley, Titusville, Pa.

Application October 28, 1936, Serial No. 108,054
2 Claims. (Cl. 226—92)



1. In a capping machine of the character described, a support for the container to be capped, a hollow substantially cylindrical plunger mounted for vertical movement above said support, and adapted to be moved downwardly into engagement with the container, a flat plunger disc having a working fit within the first-mentioned plunger and adapted to move downwardly therewith and also relative thereto for forcing a closure disc into sealing position within the container, said first-mentioned plunger being provided with a slot in the periphery thereof to receive the closure discs, a reciprocally operated rod for actuating said plunger and plunger disk and means operatively connected with said rod for feeding closure disks in succession through said slot, said closure disk feeding means having direct operative engagement with the rod to actuate the said disk feeding means upon an initial movement of the rod and means carried by the rod for contacting and actuating the plunger subsequent to the actuation of the disk feeding means.

2,125,822

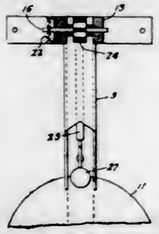
BASKETBALL SIGNAL APPARATUS

Guy W. Small, San Diego, Calif., assignor of fifty per cent to Myrtle R. Workman, San Diego, Calif.

Application May 25, 1937, Serial No. 144,716
1 Claim. (Cl. 267—1)

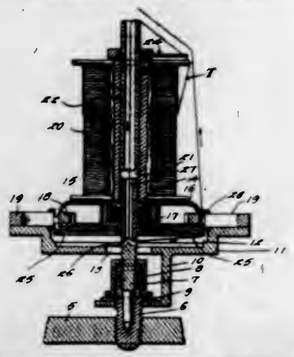
In a basketball goal annunciator, a support, a pair of spaced projections extending from the

support, a shaft journaled through said projections, a basketball engageable annunciator operating member rockably mounted on the shaft, a spring wound on the shaft and having one end secured to the shaft, and its other end engaged



against the annunciator operating member to hold the latter in elevated position, an annular ratchet on one of the projections through which one end of the shaft extends, and a removable cross pin on the last-mentioned end of the shaft for selective engagement with the ratchet.

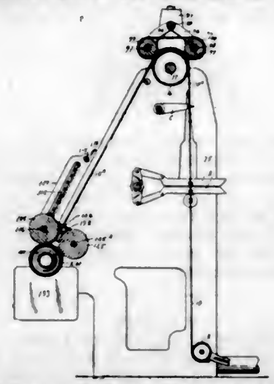
2,125,823
TEXTILE MACHINE
Nicholas Stoddard, Durham, N. C.
Application March 23, 1938, Serial No. 197,697
2 Claims. (Cl. 117—9.5)



1. A device of the character described, comprising, a spindle bolster, a spindle rotatably mounted in said bolster, a package support mounted for relative movement on said spindle and having a circumferentially extending slot, a package mounted on said support, a ring of ferromagnetic material extending within said slot, a magnet support mounted on said bolster, a flyer mounted above said package and movable relative thereto, a flyer mounted on said spindle subjacent said package support and movable therewith, and magnetic means on said magnet support and having pole faces directed towards said ring and coacting with said ring to prevent rotation of said package support relative to said pulley whereby thread from said package is delivered by means of said flyers while said package is maintained stationary relative to said spindle by said magnetic means.

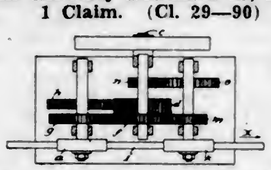
2,125,824
WIND-UP FOR WIRE CLOTH LOOMS
Herbert L. Thompson, Elgin, Ill., assignor to Reynolds Wire Co., Dixon, Ill., a corporation of Illinois
Original application April 3, 1933, Serial No. 664,192. Divided and this application October 21, 1935, Serial No. 45,981
10 Claims. (Cl. 139—304)

1. In a wind-up apparatus for a wire weaving machine, the combination of means for engaging woven cloth and advancing it, with a mandrel, and mechanism for winding the cloth on the mandrel after it has been acted on by said means, said mechanism including a pressure roll adjustably mounted above the mandrel in the path of



travel of the cloth from the means to the mandrel, so that such cloth is pressed against the mandrel by the weight of the roll, and means for operating the pressure roll at a speed faster than that of the advance of the cloth from the first means.

2,125,825
SURFACE TREATING SECTION METAL
Conrad Thyssen, Aachen, Germany, assignor to Schumag Schumacher Metallwerke Aktiengesellschaft für Prazisionsmechanik, Aachen, Prussia, Germany
Application December 1, 1936, Serial No. 113,718
In Germany December 19, 1934
1 Claim. (Cl. 29—90)

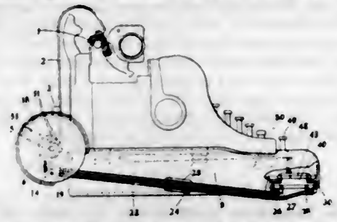


A method of treating section metal, consisting in imparting a regulable positive linear feed movement to the section metal through a pair of feed rolls driven with equal peripheral speed, and passing the metal thus advanced between a pair of cooperating polishing pressure rolls, with one of said rolls having a speed higher and the other a speed lower than the advance speed of the metal, and selecting the ratio of the different pressure roll speeds so as to cause their average peripheral speed to be substantially equal to the peripheral speed of the feed rolls.

2,125,826
TYPEWRITER
Werner Tobias, Berlin, Germany, assignor to Olympia Büromaschinenwerke Aktiengesellschaft, Erfurt, Germany
Application December 23, 1935, Serial No. 55,793
In Germany February 8, 1934
6 Claims. (Cl. 235—59)

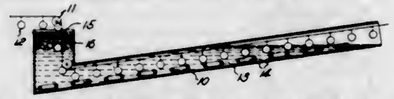
1. A control device for the totalizing mechanisms of calculating typewriters, comprising a control element, transmission mechanism operated from the control element for setting the state control mechanism of the totalizing mecha-

nism, a spindle upon which the control element is mounted, a pinion that is slidably but nonrotatably mounted upon the said spindle, a driving element engaging the said pinion and moving it upon the spindle in accordance with the change



of position of the typewriter platen carriage and a guide rail extending parallel with the spindle, the said guide rail being provided at determined intervals with means for rotating the pinion through a determined angular space as the pinion moves axially.

2,125,827
COATING ARTICLES
Victor H. Turkington, Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware
Application December 24, 1936, Serial No. 117,629
5 Claims. (Cl. 91—70)



1. A method of coating articles which comprises passing the articles successively through a body of a heat-hardenable composition in liquid form and through a body of a heated liquid immiscible with the coating composition without intermediate exposure.

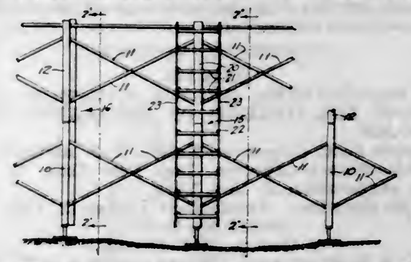
2,125,828
MOUNT FOR TELESCOPIC RIFLE SIGHTS
George K. Turner, Eagle Nest, N. Mex.
Application August 16, 1937, Serial No. 159,394
3 Claims. (Cl. 33—50)



1. The combination with a rifle having a receiver, of front and rear V-bases secured to the receiver, a telescope, and a spring bar pivotally connected at its center to the telescope and releasably engaged by said bases in such manner as to tension the spring bar to draw the telescope down firmly into said V-bases.

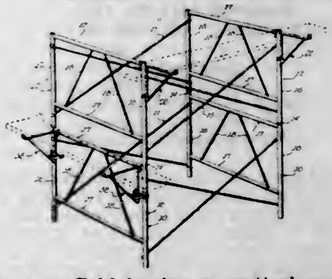
2,125,829
SCAFFOLD LADDER
Reinhold A. Uecker and Ingar G. Rambo, Milwaukee, and Eugene H. Simpson, West Allis, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del., a corporation of Delaware
Application November 13, 1935, Serial No. 49,486
7 Claims. (Cl. 228—45)

2. In combination with a scaffold comprising a plurality of end frames superimposed on each other, each of said end frames comprising a pair of vertical posts and a horizontal brace joining said posts, a ladder comprising, a supporting member embracing one of said posts, a plurality of rungs carried from said supporting member and extending substantially at right angles thereto, and means attached to said ladder and



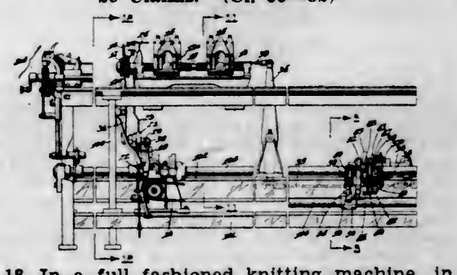
engageable with said horizontal brace to support the ladder from the brace.

2,125,830
SCAFFOLD BRACKET
Reinhold A. Uecker, Ingar G. Rambo, and David E. Beatty, Wauwatosa, Wis., assignors to The Safway Steel Scaffold Co. of America, Wilmington, Del., a corporation of Delaware
Application August 9, 1937, Serial No. 158,106
6 Claims. (Cl. 304—2)



1. In a scaffold having a vertical post and a horizontal brace, a supporting bracket comprising, a frame, an attaching bracket fixed on the upper end of said frame, means on said attaching bracket engageable over said horizontal brace to support said frame from the brace with the upper end of the frame longitudinally alined with the brace and means on the lower end of said frame engageable with said post to maintain the lower end of the bracket in position on said scaffold.

2,125,831
MULTIPLE LOOP REGULATING MECHANISM
Gottlob Bitzer, Lincoln Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application December 29, 1937, Serial No. 182,178
20 Claims. (Cl. 66—82)



18. In a full fashioned knitting machine, in combination, a loop regulating shaft, a cam shaft,

two cam means on said cam shaft arranged to act cumulatively on said regulating shaft, and means for varying the period of action of one of said cam means.

2,125,832

HYDROGENATED BROWN CAMPHOR OIL AND THE METHOD OF PREPARING THE SAME

Marion Scott Carpenter, Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y., a corporation of New York

No Drawing. Application August 13, 1936, Serial No. 95,855
6 Claims. (Cl. 87—12)

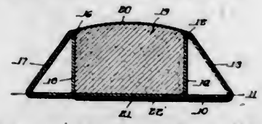
4. A hydrogenated "brown camphor oil" having an odor approximately three times the strength of the starting material produced by the complete hydrogenation of the unsaturated side chain of "brown camphor oil".

2,125,833

PACKAGE

Edward Savage Dowling, Indianapolis, Ind., assignor to Shellmar Products Company, Chicago, Ill., a corporation of Delaware

Application November 7, 1934, Serial No. 751,814
Renewed May 26, 1937
9 Claims. (Cl. 206—44)



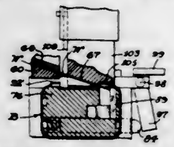
1. A container of the type described, comprising a cardboard backing member having spaced score lines along its longitudinal edges and being folded over to form upwardly and inwardly extending display panels and downwardly extending unattached brace portions forming an article-receiving channel therebetween, and a transparent facing sheet covering said channel and having its longitudinal edges secured beneath said backing member.

2,125,834

APPARATUS FOR INSERTING PINTLES IN BOX PARTS

Henry Hermani, Baltimore, Md., assignor, by mesne assignments, to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware

Application June 12, 1935, Serial No. 26,261
6 Claims. (Cl. 29—11)



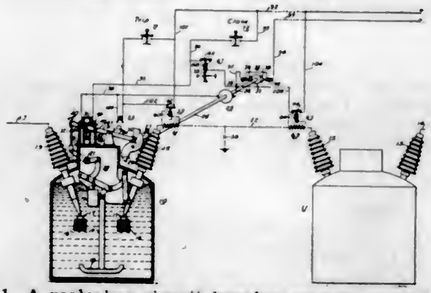
4. In an apparatus for forming box parts having ears and for forming and applying hinge pintles to said ears, a vertically reciprocable die-carrying forming head, a support to receive the box parts with the ears thereof in pintle receiving position, a wire feeding device designed to feed predetermined lengths of wire across said box parts with one end thereof inserted underneath an ear, a cutoff knife carried by said head for severing said predetermined lengths of wire to form the pintles, a block slidable in said support and having a pintle-engaging finger formed thereon designed to engage the inserted ends of the severed pintles to shift the pintles bodily to their final inserted position upon movement of said block in one direction, spring means normally urging said block in the other direction to an inoperative position, a portion of said block projecting beyond the confines of said support, and a bell crank lever having one end thereof bearing against said projecting portion of said block, the other end of said lever being positioned in the path of movement of the descending head whereby the severed pintles are moved to their final position upon descent of said head.

2,125,835

CIRCUIT BREAKER

John B. MacNeill and Allan W. Hill, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application November 29, 1933, Serial No. 700,276
22 Claims. (Cl. 175—294)



1. A reclosing circuit breaker system comprising, in combination, a circuit breaker having relatively movable contact means disposed in operative relation, and reclosing means operatively connected to said relatively movable contact means for initiating the movement thereof to the closed position before the full open position has been reached.

2,125,836

CONDUCTOR COVERING, METHOD AND COMPOUND FOR TREATMENT THEREOF

John W. Olson, Dobbs Ferry, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y., a corporation of Delaware

Application June 19, 1935, Serial No. 27,372
11 Claims. (Cl. 173—264)



7. A conductor having an insulating covering, a jacket of fibrous material enclosing the insulating covering, said jacket being impregnated with a flame-resistant and moistureproof composition comprising stearin pitch and containing sufficient graphite to render the surface of the impregnated material self-lubricating.

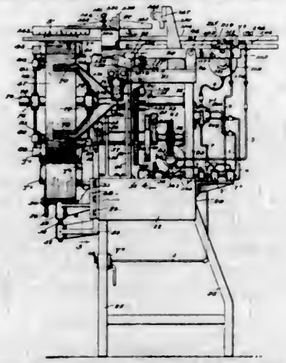
2,125,837

TUMBLER FEEDING MECHANISM

Henry W. Schneider and Lawrence O. Mankin, Toledo, Ohio, assignors to Libbey Glass Company, a corporation of Ohio

Application April 19, 1937, Serial No. 137,716
19 Claims. (Cl. 101—124)

1. In an apparatus for decorating the curved surfaces of articles including a movable stencil screen and a squeegee therefor, a conveyor for articles to be decorated, means for periodically indexing said conveyor, a runway cooperating with said conveyor and adapted upon indexing of said conveyor to receive thereon successive articles issuing from said conveyor, an article support projecting upwardly in the path of movement of the articles on said runway and against which the foremost article is adapted to bear,



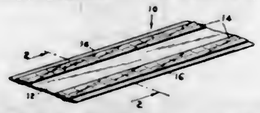
means synchronized with said indexing means for periodically lowering and raising said article support below and above the level of said runway to permit the foremost article thereon to be received on said support and elevated thereby, and means synchronized with said indexing means for periodically removing the elevated articles from said support and for conveying the same to said stencil screen to be decorated.

2,125,838

NARROW FABRIC

Joseph W. Stark, New York, N. Y., assignor to General Ribbon Mills, Inc., Catasauqua, Pa., a corporation of Delaware

Application January 24, 1936, Serial No. 60,596
11 Claims. (Cl. 154—47)



1. A ribbon comprising a strip of textile material and a narrower strip of non-woven non-fibrous material bonded together in superposed face to face relation, said non-fibrous strip being disposed entirely inwardly of the side edges of said textile strip and extending longitudinally thereof, said strip of non-fibrous material having a surface design printed thereon for ornamenting the ribbon, said ribbon being flexible and sufficiently narrow to be tied into a knot or bow.

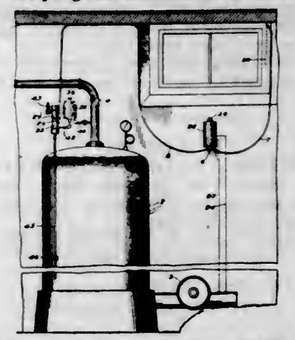
2,125,839

STEAM HEATING SYSTEM

John E. Wasson, Roxbury, and Vernon J. Bean, Newton Highlands, Mass., assignors to Emerson Apparatus Company, Melrose Highlands, Mass., a corporation of Rhode Island

Application April 16, 1936, Serial No. 74,718
6 Claims. (Cl. 236—91)

1. A controlling apparatus for steam heating systems comprising temperature responsive means controlling the increase and reduction in the supply of steam to the system, a steam chamber connected with said system to receive steam therefrom, said means including a temperature responsive element positioned to respond to changes in temperature of said chamber, and means for delaying the admission of steam to said



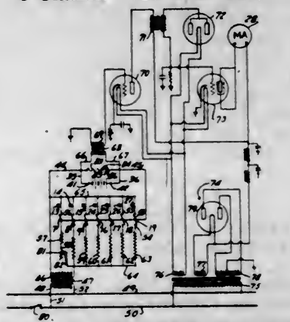
chamber after an increase in the supply of steam to said system has been initiated and until a predetermined minimum steam pressure has been created in said system.

2,125,840

APPARATUS FOR TESTING BATTERIES

Kenneth S. Brooks and Lester G. Henel, Kansas City, Mo., assignors of one-third to Alex B. Flemington, Kansas City, Mo.

Application November 25, 1936, Serial No. 112,730
8 Claims. (Cl. 175—183)



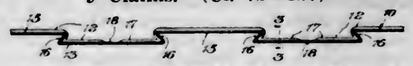
1. An apparatus for testing batteries including means for passing a fluctuating current through the battery, means for selectively connecting separate resistances with the battery corresponding to accessories to be connected with the battery, an amplifying circuit, means bypassing a definite proportion of the current for inducing current in the amplifying circuit, means for rectifying said induced current, and means including an indicator actuated by the effects of said rectified current to indicate serviceability of the battery.

2,125,841

CRIMPED COPPER FLASHING

Allan Cheney, Cynwyd, Pa., assignor to The Cheney Company, a corporation of Massachusetts

Application August 25, 1937, Serial No. 160,931
9 Claims. (Cl. 72—127)



1. A through-wall flashing for masonry structures and the like comprising a sheet of metal of

sufficient width to extend substantially through a masonry wall, said sheet having substantially its entire surface crimped providing alternate ridges and valleys extending lengthwise thereof, said sheet being formed with spaced locking means for bonding engagement with a layer of mortar, and transverse drainage channels between said locking means communicating with said valleys for draining water of infiltration to the outside of said wall.

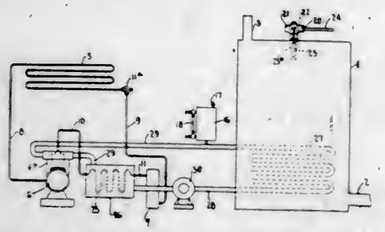
2,125,842

REFRIGERATING APPARATUS

Lewis W. Eggleston, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan

Application April 3, 1936, Serial No. 72,608

3 Claims. (Cl. 62—115)



1. In a system of the character described, the combination of a domestic water supply tank, a closed continuous liquid circulatory system having a portion thereof positioned in the water in said tank and having a container externally of said tank, a refrigerating apparatus including a condenser positioned in the liquid in said container, the liquid circulating through said system transferring the heat of said condenser to the water in said tank, and pump means to circulate the liquid through said circulatory system.

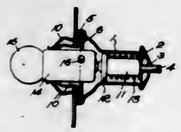
2,125,843

SNAP FASTENER ATTACHED LAMP SOCKET INSTALLATION AND SOCKET FOR THE SAME

Charles L. Hall, Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application September 6, 1934, Serial No. 742,950

12 Claims. (Cl. 173—339)



1. A snap fastener lamp socket installation comprising, in combination, an apertured support member of relatively thin material, a substantially tubular metal shell constituting a socket member having a conductor-receiving opening at one end and a light bulb-receiving opening at the opposite end, a light bulb assembled in the bulb-receiving end of said socket and secured therein, said socket member being provided with a plurality of resilient fingers extending forwardly of the bulb-receiving portion and adapted for snap fastening engagement with the edges of the support surrounding the aperture whereby said socket may be securely mounted on and fastened to the support and detached therefrom solely by force applied substantially axially of the socket member.

2,125,844

PROCESS OF PREPARING LIVER EXTRACTS

Havard L. Keil, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application February 15, 1937, Serial No. 125,931

8 Claims. (Cl. 167—74)

1. In the process of preparing liver extracts, the steps of freeing such extracts if impurities which comprise admixing a paste of the water soluble constituents of the liver with an aqueous alcohol solution having an alcoholic strength of about 60 to 80 percent by volume, cooling the mixture to a temperature of not more than minus 15° F., maintaining the cooled mixture at said temperature for a period of time to effect precipitation of substances insoluble in the solution at this temperature, and then separating insoluble substances from the alcoholic solution.

2,125,845

DISPLAY BOX

James L. Larkin, Winthrop, Mass., assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass., a corporation of Massachusetts

Application July 27, 1935, Serial No. 33,528

4 Claims. (Cl. 206—45)



1. A display box for tiers of articles comprising a circuit of sides and a bottom piece constituting an extension of one side comprising a serial number of portions connected end to end and including a first portion to underlie a tier of articles, a second portion to extend vertically adjacent said tier, and third and fourth portions of equal width with the second differentially foldable to lie interchangeably vertically and horizontally, the distance from said one side to the opposite side being equal substantially to the sum of the widths of said first and fourth portions.

2,125,846

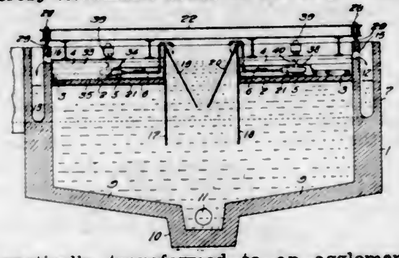
MAGNETIC SEWAGE CLARIFICATION

William C. Laughlin, New York, N. Y., assignor to Filtration Equipment Corporation, New York, N. Y., a corporation of Delaware

Application April 15, 1936, Serial No. 74,404

9 Claims. (Cl. 210—5)

1. A method of clarifying suspensions containing organic colloidal or semi-colloidal materials in a chemically untreated state, which comprises passing said chemically untreated organic colloidal suspensions through a bed of magnetized material of substantial depth and fineness, whereby flocculable solids of the suspension are



magnetically transformed to an agglomerated state and are retained by the bed in this form.

2,125,847

LAMINATED PRESSED WALLBOARD

John H. McKenzie, Chicago, Ill., assignor to Marbon Corporation, a corporation of Delaware

No Drawing. Application June 13, 1936, Serial No. 85,127

7 Claims. (Cl. 154—45.9)

1. A composite article comprising a lamina of fibre board containing a wood resin and a lamina of a composition containing a halogen containing rubber derivative.

2,125,848

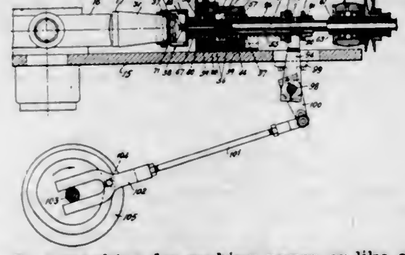
CUP MAKING MACHINE

Albert F. Miller, Flushing, N. Y., assignor to Lily-Tulip Cup Corporation, New York, N. Y., a corporation of Delaware

Application September 13, 1935, Serial No. 40,362

Renewed July 2, 1937

12 Claims. (Cl. 93—36.5)



1. In a machine for making paper or like containers, the combination of a support adapted to hold a container body with one of its ends projecting therefrom, and mechanism for turning in said projecting edge, said mechanism comprising a spinner head, slides mounted for lateral movement on said head, spinners mounted on said slides, a hollow shaft supporting said head, a slide actuator carried within said shaft, a plurality of links operatively connecting said slide actuator with said slides, means for reciprocating said shaft toward and away from the mandrel, a yieldable member operatively connected with said slide actuator and said reciprocating means and operable by the latter to move said slide actuator towards said mandrel, thereby causing said links to move said slides outwardly, a rigid member operatively connected with said slide actuator and said reciprocating means and operable by the latter to positively withdraw said slide actuator from its outer position, thereby causing said links to move said slides inwardly and means for rotating said hollow shaft.

2,125,849

SHORTENING COMPOUND

Charles E. Morris, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application October 25, 1935, Serial No. 46,790

12 Claims. (Cl. 99—123)

1. A substantially anhydrous edible shortening composed of an edible fatty material and containing small amounts of lecithin and triethanolamine, the triethanolamine acting as a stabilizing agent.

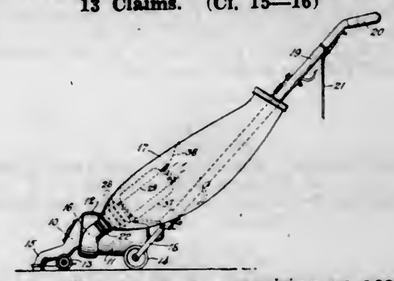
2,125,850

VACUUM CLEANER MUFFLER

Alfred E. Norris, Westfield, N. J., assignor to The Regina Corporation, Rahway, N. J., a corporation of New Jersey

Application February 27, 1937, Serial No. 128,108

13 Claims. (Cl. 15—16)



1. A muffler structure, comprising an acoustic absorption material, for the dust bag of a vacuum cleaner including a flexible tube connection between the muffler elements and the dust bag collar, said flexible tube connection having means to prevent any alteration in the effective interior cross-sectional area of the tube when such tube is bent.

3. A muffler structure for the dust bag of a vacuum cleaner comprising a cylindrical perforated screen, a body of fibrous material surrounding the screen, an outer shell containing said screen and said body of fibrous material and a flexible connection between said outer shell and the dust bag collar, which flexible connection comprises a rubber tube provided with means to maintain constant, when said tube is bent, the effective interior cross-sectional area of the air passage within said tube, said outer shell and said flexible connection being formed of a single piece of molded rubber.

2,125,851

EXTREME PRESSURE LUBRICANT

Anderson W. Ralston, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application October 12, 1936, Serial No. 105,351

7 Claims. (Cl. 87—9)

1. A lubricant comprising a mineral oil lubricant and polymerized aliphatic nitriles.

2,125,852

PROCESS OF CONCENTRATING ORES AND FLOTATION AGENTS THEREFOR

Anderson W. Ralston and William O. Pool, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application May 10, 1937, Serial No. 141,874

6 Claims. (Cl. 209—166)

1. The process of concentrating ores which

comprises subjecting the ore to froth flotation separation in the presence of a mixture of saturated and unsaturated aliphatic carboxylic acids having from three to ten carbon atoms and saturated and unsaturated aliphatic straight-chain hydrocarbons.

2,125,853

SULPHUR MONOCHLORIDE-NITRILE REACTION PRODUCTS AND PROCESS OF PREPARING THEM

Anderson W. Ralston, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application December 21, 1936, Serial No. 117,094

17 Claims. (Cl. 260—17)

17. The reaction product of sulphiding an aliphatic nitrile having the formula RCN wherein R is an alkyl radical containing at least 9 carbon atoms with a sulphiding reagent chosen from the group consisting of sulphur monochloride and mixtures of sulphur and sulphur monochloride at a temperature not exceeding 135° C.

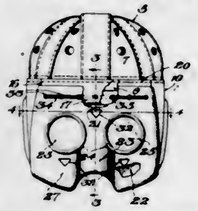
2,125,854

HELMET

Cleo R. Standley, Wheaton, Ill., assignor to Robert Malcom, Chicago, Ill.

Application December 5, 1936, Serial No. 114,490

2 Claims. (Cl. 2—3)



1. A helmet comprising a crown, a depending flange at the front thereof, a flexible fabric flap secured at its top to said flange and depending therefrom, said flap being formed of an outer layer of strong flexible sheet material that overlaps said flange at its top and an inner layer of flexible material that underlaps said flange, and a facepiece detchably secured to the lower edge of said flap and freely swingable upwardly from over the face.

2,125,855

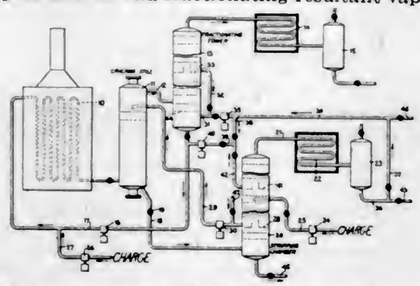
MANUFACTURE OF ANTIKNOCK GASOLINE

Luis de Florez, Pomfret, Conn., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application June 29, 1934, Serial No. 732,986

7 Claims. (Cl. 196—48)

7. In a process for producing gasoline having a high anti-knock value, the process that comprises subjecting higher boiling hydrocarbon oil to cracking temperature under superatmospheric pressure in a cracking zone to effect conversion into lower boiling hydrocarbons, maintaining the temperature in said cacking zone adequate to effect transformation of gasoline constituents into gasoline constituents of increased anti-knock quality, separating the products of the cracking into vapors and unvaporized residue in a separating zone, maintaining a cracking temperature under superatmospheric pressure in said separating zone, subjecting the separated vapors to fractionation in a first fractionating zone to form a reflux condensate and a gasoline distillate of high anti-knock quality as a final product, directing said reflux condensate to said cracking zone, subjecting said unvaporized residue to vaporization under lower pressure in a flashing zone, passing resultant vapors from the flashing zone to a second fractionating zone, introducing fresh charging stock containing gasoline constituents into said second fractionating zone for partial vaporization by contact with the hot vapors therein and fractionating resultant vapors



with vapors from the flashed residue therein, withdrawing a fraction from the second fractionating zone comprising resultant reflux condensate and unvaporized constituents of the charging stock and directing said fractionation into aforesaid separating zone, withdrawing another fraction from the second fractionating zone comprising gasoline constituents and directing it to said cracking zone to effect reforming thereof.

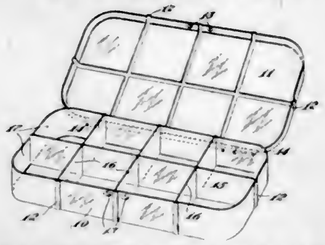
2,125,856

BOX

William J. De Witt, Auburn, N. Y., assignor to Shoe Form Co., Inc., Auburn, N. Y., a corporation of New York

Application June 27, 1936, Serial No. 87,617

4 Claims. (Cl. 220—22)



1. A box comprising a base and a cover, said cover having side walls which enclose the side walls of the base, corrugations formed in the side walls of the base and cover at the front, back and ends thereof, which corrugations provide grooves in the inner faces of the side walls and ribs in the outer faces thereof, the ribs of the corrugations in the side walls of the base entering the grooves of the corrugations in the enclosing side walls of the cover when the box is closed.

2,125,857

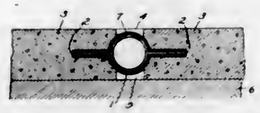
PAVING AND EXPANSION JOINT STRUCTURE

Albert C. Fischer, Chicago, Ill.

Application June 2, 1934, Serial No. 728,695

3 Claims. (Cl. 94—18)

1. A paving construction comprising spaced apart portions of sections having recesses in their adjacent ends and intermediately of their top and bottom faces and a filler joint strip inserted between the sections, said strip comprising a closed tubular body having a single hollow chamber bounded throughout its entire periphery by the



wall of said body and adapted to seat in the recesses in the adjacent ends of the sections and a lateral flange projecting therefrom into the adjacent paving construction.

2,125,858

METHOD OF MAKING COMPOUND BIMETALLIC ELEMENTS

Stanley R. Hood and Clarence F. Alban, Detroit, Mich.

Original application January 2, 1936, Serial No. 57,220. Divided and this application June 5, 1936, Serial No. 83,726

7 Claims. (Cl. 29—148)



2. The method of manufacture of a compound bimetal thermostat which consists in providing a bimetallic blade of rectangular form having a high expansion component secured to a low expansion element of the same form, welding such block in edge relationship with another block having its high expansion component on the same side of the assembled blocks as the low expansion component of the first block, the two elements of the second block respectively differing in expansion coefficients from the elements of the first block, rolling the assembled blocks to provide a sheet of the thickness required in the thermostat, and finally cutting the sheet into strips to provide the desired width of a thermostatic blade.

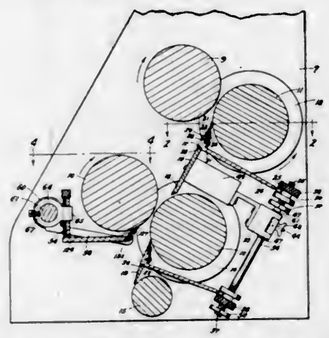
2,125,859

SCRAPER

Adolph A. Liebelt, Cincinnati, Ohio, assignor to The J. H. Day Company, Cincinnati, Ohio, a corporation of Ohio

Application October 19, 1936, Serial No. 106,309

15 Claims. (Cl. 107—12)



1. In a scraper structure for rolls having end flanges and an intermediate working surface, the combination of a thin and narrow scraper blade having opposed longitudinal edges, one of said edges adapted for contacting at an acute angle the working surface of the roll in the direction of the roll axis, and opposite ends fitted between the roll flanges with slight clearance, and a rockable saddle including a narrow longitudinal seat in the plane of the blade for supporting said blade as a floating member capable of self-equalization of the clearance at opposite ends of the blade.

2,125,860

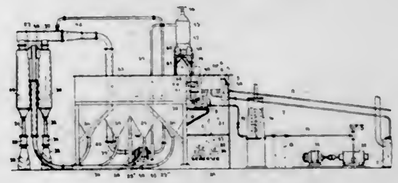
PROCESS AND APPARATUS FOR PRODUCING A PULVERULENT BUILDING MATERIAL

Albert Sommer, Zurich, Switzerland, assignor to the firm "Straba" Strassenbaubedarfs-Aktiengesellschaft, Zurich, Switzerland

Application March 24, 1937, Serial No. 132,729

In Germany July 25, 1936

14 Claims. (Cl. 94—43)



1. A process of producing a pulverulent building material from pulverulent and fluid or liquefied base constituents, consisting in the atomization in a mixing chamber of each of said constituents separately and simultaneously into mists or clouds, impinging upon the atomized particles near the point of their injection into said chamber while still in a state of suspension a cool air current and carrying the mixture through dust separators.

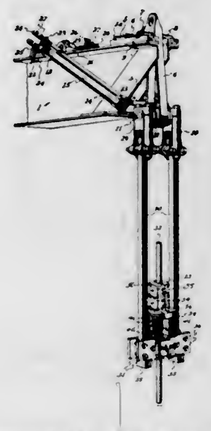
2,125,861

BEAM HANGER

Charles L. Deckard, Tulsa, Okla.

Application July 22, 1936, Serial No. 91,955

8 Claims. (Cl. 255—16)

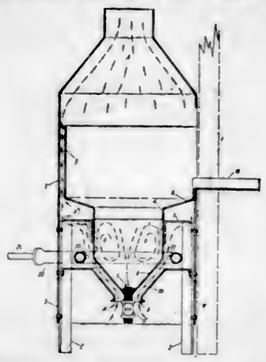


1. The combination with a pumping beam, a hanger carried by said beam, said hanger having

a supporting bearing, means for adjusting said supporting bearing to various positions longitudinally in relation to the beam, said means comprising brace bars extending rearwardly from the supporting bearing towards the beam, a shaft carried by the beam, said brace bars being hingedly and adjustably connected to the ends of the shaft for movement in the plane of the shaft, said brace bars having hinged connections adjacent the supporting bearing for movement in the plane of the bearing.

2,125,862
DEEP GREASE FRYER
Peary F. Ratcliff, Shreveport, La.
Application July 23, 1936, Serial No. 92,173
4 Claims. (Cl. 53—7)

1. In a cooking device adapted to be heated with a flame, a fryer comprising a support, and a grease container mounted on the support, said grease container being provided with an apron member at its upper portion, said grease container being provided with a peripheral flange below



the said apron but above the source of the flame whereby to deflect heat from the said apron.

DESIGNS

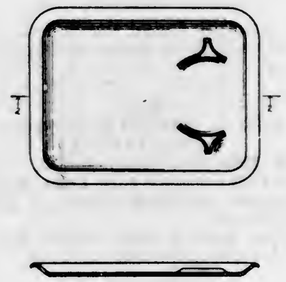
AUGUST 2, 1938

110,689
DESIGN FOR AN ASHTRAY
James D. Cannon, Nashville, Tenn.
Application May 21, 1938, Serial No. 77,340
Term of patent 7 years



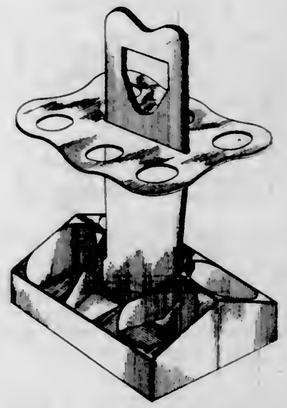
The ornamental design for an ashtray, as shown.

110,690
DESIGN FOR A COMBINED TRAY AND BEVERAGE CONTAINER HOLDER
Joseph Dutar de Benque, New York, N. Y.
Application December 30, 1937, Serial No. 73,990
Term of patent 3½ years



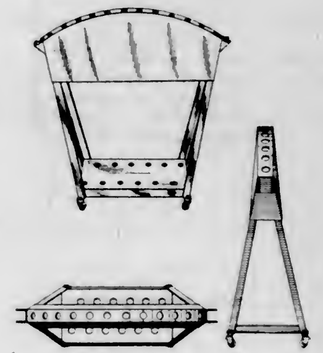
The ornamental design for a combined tray and beverage container holder, substantially as shown.

110,691
DESIGN FOR A BOTTLE CARRYING CASE
Robert E. Dudley, Wellesley, Mass., assignor to The Moxie Company, Boston, Mass., a corporation of Massachusetts
Application February 21, 1938, Serial No. 75,308
Term of patent 14 years



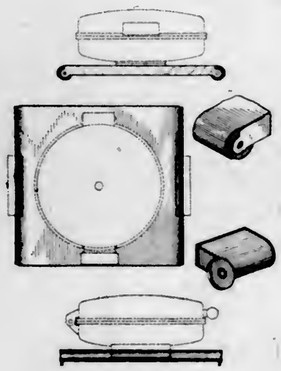
The ornamental design for a bottle carrying case, substantially as shown.

110,692
DESIGN FOR A DISPLAY RACK FOR FARM AND GARDEN TOOLS
Edward Durell, Columbus, Ohio, assignor to The Union Fork & Hoe Company, Columbus, Ohio, a corporation of Ohio
Application May 13, 1938, Serial No. 77,156
Term of patent 7 years



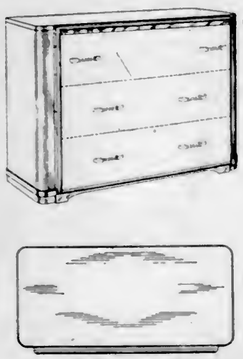
The ornamental design for a display rack for farm and garden tools, as shown.

110,693
DESIGN FOR A WAFFLE MOLD OR SIMILAR ARTICLE
James J. Gough, Chicago, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 6, 1938, Serial No. 77,035
Term of patent 7 years



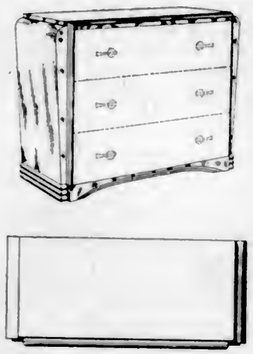
The ornamental design for a waffle mold or similar article, substantially as shown and described.

110,694
DESIGN FOR A DRESSER OR SIMILAR ARTICLE
Martin Hanson, Chicago, Ill.
Application June 1, 1938, Serial No. 77,476
Term of patent 3½ years



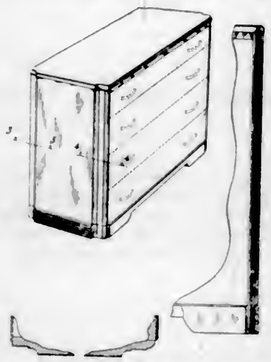
The ornamental design for a dresser or similar article, substantially as shown and described.

110,695
DESIGN FOR A DRESSER CHEST OR SIMILAR ARTICLE
Martin Hanson, Chicago, Ill.
Application June 1, 1938, Serial No. 77,477
Term of patent 3½ years



The ornamental design for a dresser chest or similar article, substantially as shown and described.

110,696
DESIGN FOR A DESK OR SIMILAR ARTICLE
Martin Hanson, Chicago, Ill.
Application June 1, 1938, Serial No. 77,479
Term of patent 3½ years



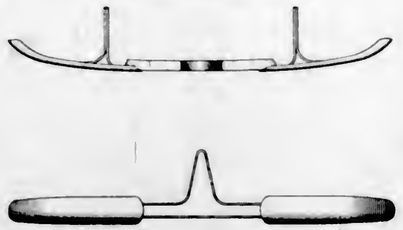
The ornamental design for a desk or similar article, substantially as shown and described.

110,697
DESIGN FOR A BALANCING ATTACHMENT FOR A PISTOL
Richard S. Havourd, Wethersfield, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application April 8, 1938, Serial No. 76,388
Term of patent 14 years



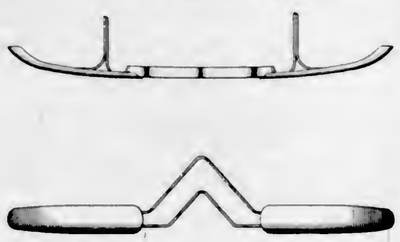
The ornamental design for a balancing attachment for a pistol, as shown.

110,698
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,749
Term of patent 7 years



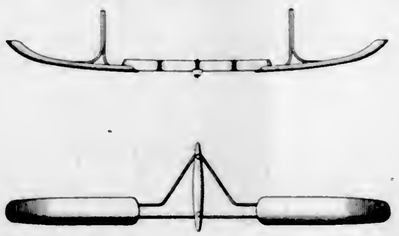
The ornamental design for a vehicle bumper or similar article, as shown.

110,699
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,750
Term of patent 7 years



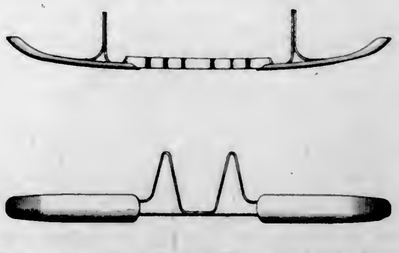
The ornamental design for a vehicle bumper or similar article, as shown.

110,700
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,751
Term of patent 7 years



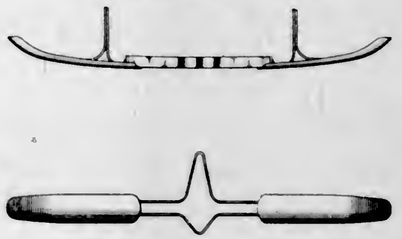
The ornamental design for a vehicle bumper or similar article, as shown.

110,701
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,752
Term of patent 7 years



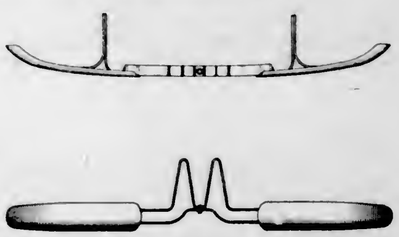
The ornamental design for a vehicle bumper or similar article, as shown.

110,702
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,753
Term of patent 7 years



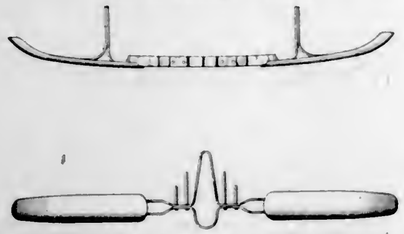
The ornamental design for a vehicle bumper or similar article, as shown.

110,703
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,754
Term of patent 7 years



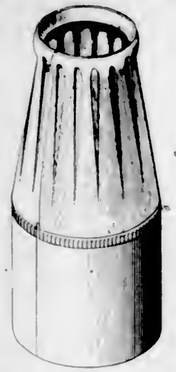
The ornamental design for a vehicle bumper or similar article, as shown.

110,704
DESIGN FOR A VEHICLE BUMPER OR SIMILAR ARTICLE
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1938, Serial No. 77,755
Term of patent 7 years



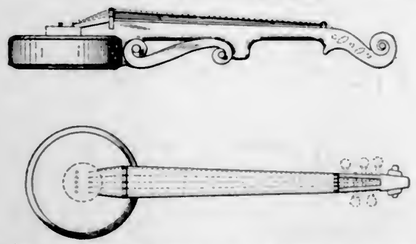
The ornamental design for a vehicle bumper or similar article, as shown.

110,705
DESIGN FOR A PAPER BOTTLE OR SIMILAR CONTAINER
Lydia B. Koch, New York, N. Y.
Application February 1, 1938, Serial No. 74,769
Term of patent 14 years



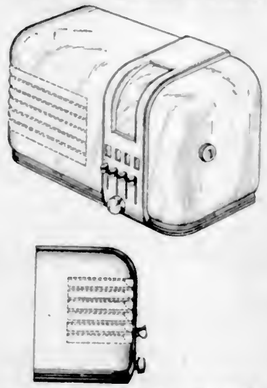
The ornamental design for a paper bottle or similar container, as shown and described.

110,706
DESIGN FOR A STRINGED MUSICAL INSTRUMENT
Julius W. Knopp, Toledo, Ohio
Application May 16, 1938, Serial No. 77,214
Term of patent 14 years



The ornamental design for a stringed musical instrument, substantially as shown and described.

110,707
DESIGN FOR A RADIO CABINET
Richard C. Marholz, Chicago, Ill., assignor to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois
Application May 2, 1938, Serial No. 76,923
Term of patent 7 years



The ornamental design for a radio cabinet, as shown and described.

110,708
DESIGN FOR A STOOL SEAT OR SIMILAR ARTICLE
Karl A. Nelson, North Chicago, Ill., assignor to The Chicago Hardware Foundry Company, North Chicago, Ill., a corporation of Illinois
Application May 6, 1938, Serial No. 77,022
Term of patent 3½ years

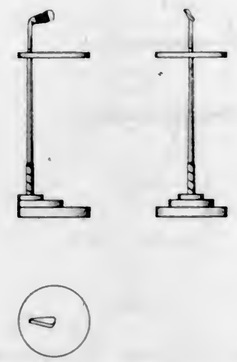
The ornamental design for a stool seat or similar article as shown.

110,709
DESIGN FOR A LEG FOR AN ARTICLE OF FURNITURE
Harry Padwa, Brooklyn, N. Y.
Application May 9, 1938, Serial No. 77,069
Term of patent 3½ years



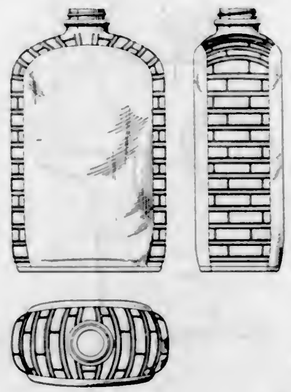
The ornamental design for a leg for an article of furniture, substantially as shown and described.

110,710
DESIGN FOR A COMBINATION TABLE AND SMOKING STAND
John A. Phillips, Englewood, N. J.
Application March 21, 1938, Serial No. 75,984
Term of patent 14 years



The ornamental design for a combination table and smoking stand, substantially as shown.

110,711
DESIGN FOR A BOTTLE
George Smith, Jr., Olean, N. Y., assignor to Olean Glass Company, Olean, N. Y., a corporation of New York
Application June 3, 1938, Serial No. 77,555
Term of patent 7 years



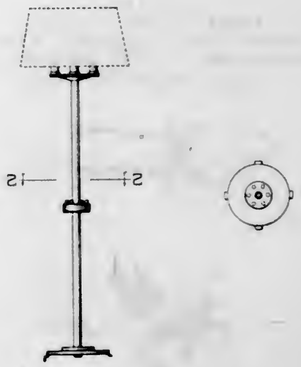
The ornamental design for a bottle, as shown.

110,712
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Edward C. Styskel, San Francisco, Calif., assignor to M. Seller Company, San Francisco, Calif., a corporation of Oregon
Application April 15, 1938, Serial No. 76,547
Term of patent 7 years



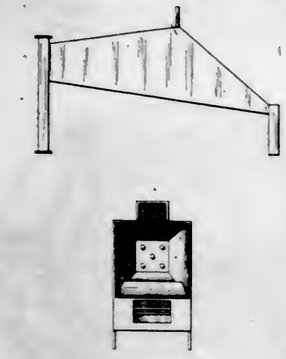
The ornamental design for a plate or similar article, as shown.

110,713
DESIGN FOR A COMBINATION LAMP STAND AND REMOTE RADIO CONTROL
George H. Weiner, Chicago, Ill., assignor of one-third to Myron R. Alexander and one-third to Samuel Ross, both of Chicago, Ill.
Application May 11, 1938, Serial No. 77,127
Term of patent 7 years



The ornamental design for a combination lamp stand and remote radio control as shown and described.

110,714
DESIGN FOR A BALL GAME DEVICE
John E. Craddock, Coney Island, N. Y.
Application December 3, 1937, Serial No. 73,336



Term of patent 14 years

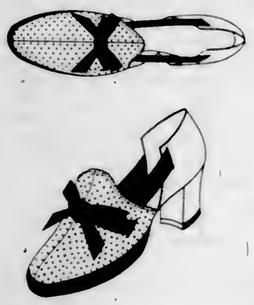
The ornamental design for a ball game device, as shown.

110,715
DESIGN FOR A CUFF LINK OR SIMILAR ARTICLE
Henriette de Bernard, St. Louis, Mo.
Application May 26, 1938, Serial No. 77,391
Term of patent 3½ years



The ornamental design for a cuff link or similar article substantially as shown.

110,716
DESIGN FOR A SHOE
Walter Ebling, Rochester, N. Y.
Application June 16, 1938, Serial No. 77,876
Term of patent 3½ years



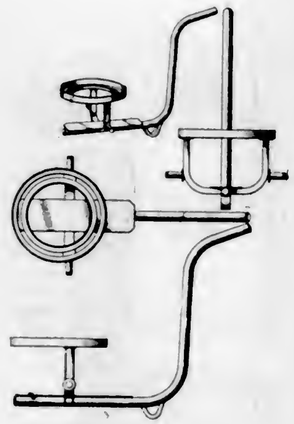
The ornamental design for a shoe, substantially as shown.

110,717
DESIGN FOR A KNIFE
Leslie M. Edwards, San Francisco, Calif.
Application May 16, 1938, Serial No. 77,215
Term of patent 14 years



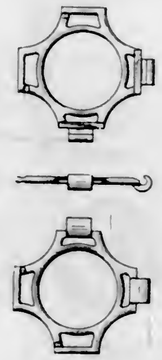
The ornamental design for a knife or similar article, substantially as shown.

110,718
DESIGN FOR A TRUCK BODY FOR MILKING MACHINE OR THE LIKE
Robert G. Ferris, Harvard, Ill., assignor to Starline Inc., Harvard, Ill., a corporation of Illinois
Application March 19, 1938, Serial No. 75,965
Term of patent 7 years



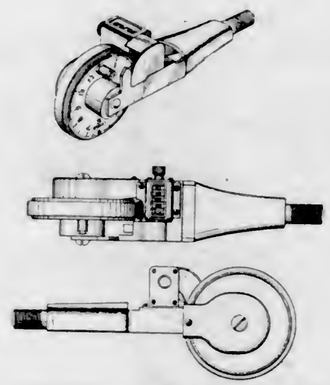
The ornamental design for a truck body for milking machine or the like, as shown.

110,719
DESIGN FOR A LINK UNIT FOR FRUIT GRADING APRONS OR THE LIKE
Foster B. Fuller, Perinton, and Arthur R. Adams and Clarence P. Le Frois, Fairport, N. Y., assignors to The Trescott Company, Inc., Fairport, N. Y., a corporation of New York
Application May 13, 1938, Serial No. 77,172
Term of patent 14 years



The ornamental design for a link unit for fruit grading aprons or the like, as shown.

110,720
DESIGN FOR A MEASURING INSTRUMENT
William E. Harris, Cincinnati, Ohio, assignor of one-half to John D. Powell, Cincinnati, Ohio
Application May 21, 1938, Serial No. 77,325
Term of patent 14 years



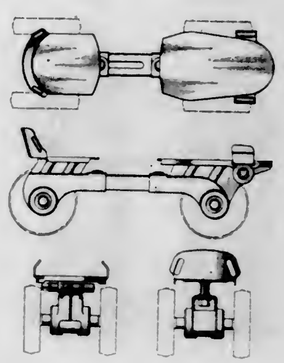
The ornamental design for a measuring instrument, as shown.

110,721
DESIGN FOR AN EDUCATIONAL DEVICE
Leonard O. Hilder, Arlington, Va.
Application December 22, 1937, Serial No. 73,807
Term of patent 7 years



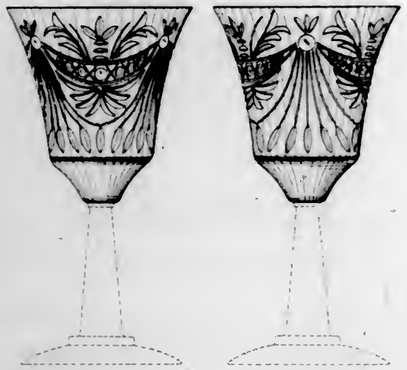
The ornamental design for an educational device, as shown.

110,722
DESIGN FOR A ROLLER SKATE
Alexander F. Kaptuller, Chicago, Ill., assignor to Allied Engineering Company, Chicago, Ill., a corporation of Illinois
Application December 16, 1937, Serial No. 73,654
Term of patent 14 years



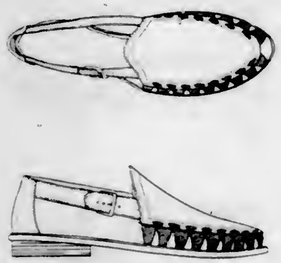
The ornamental design for a roller skate, substantially as shown.

110,723
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Rowena Reed Kostellow, Pittsburgh, Pa., assignor to United States Glass Co., Pittsburgh, Pa., a corporation of Pennsylvania
Application February 16, 1938, Serial No. 75,182
Term of patent 3½ years



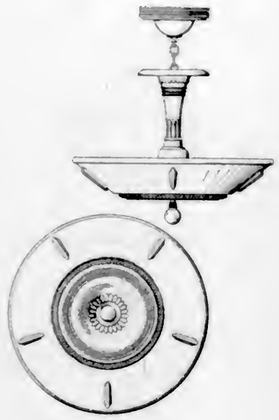
The ornamental design for a goblet or similar article, substantially as shown and described.

110,724
DESIGN FOR A SHOE
David Levin, New York, N. Y.
Application June 25, 1938, Serial No. 78,047
Term of patent 3½ years



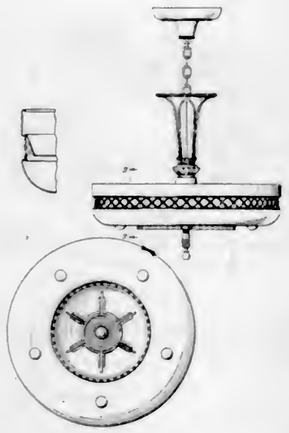
The ornamental design for a shoe, substantially as shown.

110,725
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Glenn E. MacFadden, Buffalo, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a corporation of New York
Application May 21, 1938, Serial No. 77,328
Term of patent 3½ years



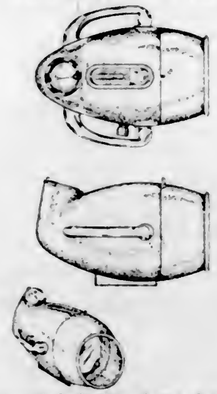
The ornamental design for an electric lighting fixture, substantially as shown.

110,726
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Glenn E. MacFadden, Buffalo, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a corporation of New York
Application May 21, 1938, Serial No. 77,329
Term of patent 3½ years



The ornamental design for an electric lighting fixture, substantially as shown.

110,727
DESIGN FOR A HEADLIGHT TESTING INSTRUMENT OR SIMILAR ARTICLE
Charles W. MacMillan, Detroit, Mich., assignor to Hinckley-Myers Company, Jackson, Mich.
Application May 11, 1938, Serial No. 77,131
Term of patent 7 years



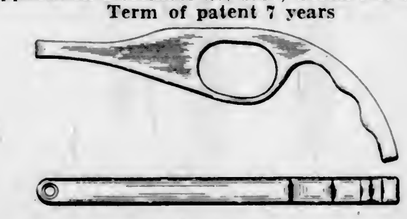
The ornamental design for a headlight testing instrument or similar article, as shown.

110,728
DESIGN FOR AN EMBROIDERED PERFORATED FABRIC SHOE
Henry E. McMahon, Bernard J. Riley, and Michael J. Prandy, Milwaukee, Wis.
Application December 31, 1937, Serial No. 74,016
Term of patent 3½ years



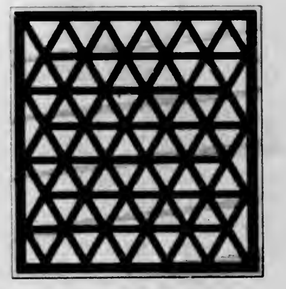
The ornamental design for an embroidered perforated fabric shoe, as shown and described.

110,729
DESIGN FOR A COMBINED TRIGGER GUARD AND FINGER GRIP FOR FIREARMS
Iver O. Mossberg, West Haven, Conn., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn., a corporation of Connecticut
Application December 27, 1937, Serial No. 73,888
Term of patent 7 years



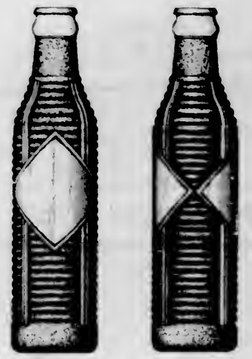
The ornamental design for a combined trigger guard and finger grip for firearms, substantially as shown.

110,730
DESIGN FOR A GAME BOARD
Max Nable and Phil Reiss, New York, N. Y.
Application May 18, 1938, Serial No. 77,256
Term of patent 14 years



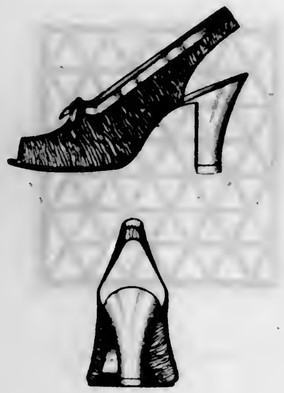
The ornamental design for a game board, as shown.

110,731
DESIGN FOR A BOTTLE
Albert E. Repenning, Oak Park, Ill., assignor to Orange Crush Company, Chicago, Ill., a corporation of Illinois
Application March 17, 1938, Serial No. 75,906
Term of patent 14 years



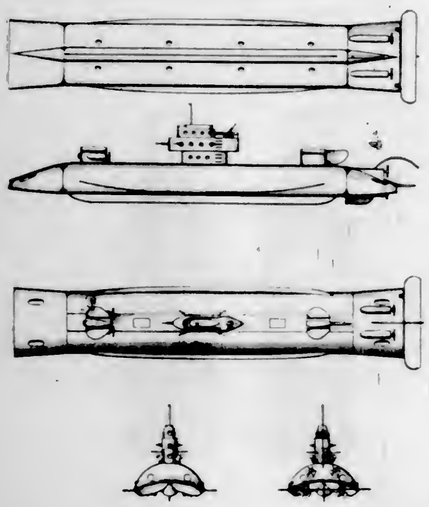
The ornamental design for a bottle, as shown and described.

110,732
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Charles I. Rockmore, Brooklyn, N. Y., assignor to Chas. I. Rockmore, Inc., Brooklyn, N. Y., a corporation of New York
Application May 18, 1938, Serial No. 77,260
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown and described.

110,733
DESIGN FOR A SUBMARINE
Sam T. Rogers, Washington, D. C.
Application June 13, 1938, Serial No. 77,814
Term of patent 14 years



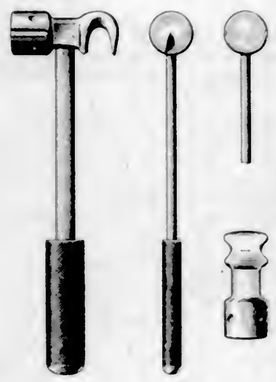
The ornamental design for a submarine, as shown.

110,734
DESIGN FOR A SHOE
Rocco Frank Rossi, Cambridge, Mass., assignor to A. R. Hyde and Sons Co., Cambridge, Mass., a corporation of Massachusetts
Application March 10, 1938, Serial No. 75,730
Term of patent 3½ years



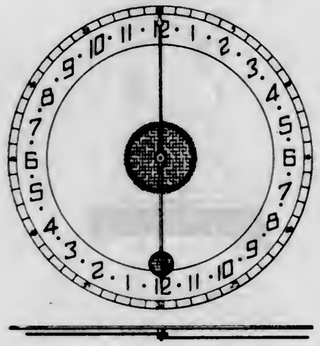
The ornamental design for a shoe, substantially as shown.

110,735
DESIGN FOR A HAMMERING TOOL
Max Rubel, New York, N. Y.
Application May 10, 1938, Serial No. 77,089
Term of patent 3½ years



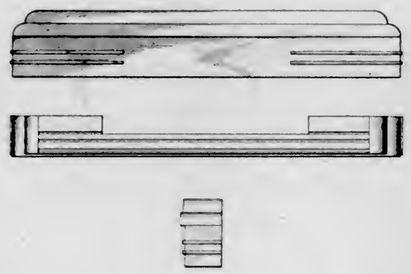
The ornamental design for a hammering tool, as shown.

110,736
DESIGN FOR A COMBINED DIAL AND HANDS FOR A CLOCK OR SIMILAR ARTICLE
William W. Scotten, Terre Haute, Ind.
Application May 17, 1938, Serial No. 77,255
Term of patent 14 years



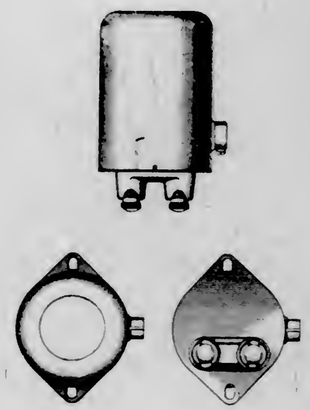
The ornamental design for a combined dial and hands for a clock or similar article, substantially as shown and described.

110,737
DESIGN FOR A SIGNBOARD BASE OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of Delaware
Application April 20, 1938, Serial No. 76,625
Term of patent 14 years



The ornamental design for a signboard base or similar article, as shown.

110,738
DESIGN FOR AN IGNITION TRANSFORMER
Joseph G. Sola, Oak Park, Ill., assignor to Sola Electric Co., Chicago, Ill., a corporation of Delaware
Application January 15, 1937, Serial No. 67,073
Term of patent 7 years



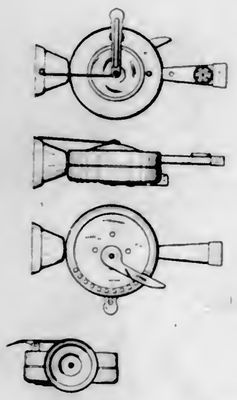
The ornamental design for an ignition transformer, substantially as shown and described.

110,739
DESIGN FOR A BRIDGE FOR AN OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application March 24, 1938, Serial No. 76,057
Term of patent 14 years



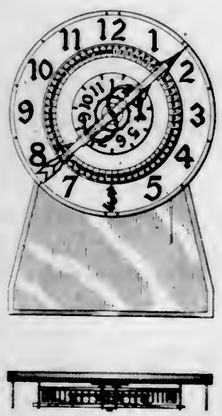
The ornamental design for a bridge for an ophthalmic mounting, substantially as shown and described.

110,740
DESIGN FOR A MUSICAL TOY
Sidney Weiss, University City, Mo.
Application June 2, 1938, Serial No. 77,522
Term of patent 7 years



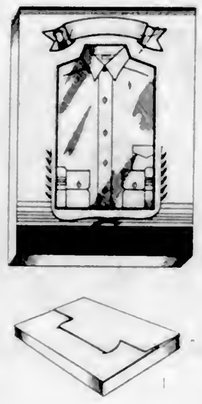
The ornamental design for a musical toy, substantially, as shown.

110,741
DESIGN FOR A GAME APPARATUS
Bryant Wiest, Elizabethville, Pa.
Application May 31, 1938, Serial No. 77,467
Term of patent 14 years



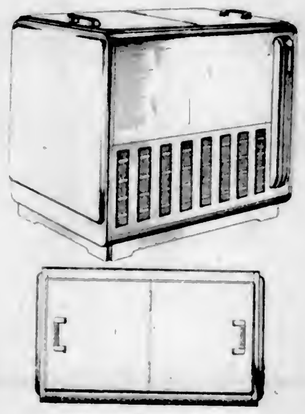
The ornamental design for a game apparatus, substantially as shown and described.

110,742
DESIGN FOR A SHIRT BOX
Harold Wolf, New York, N. Y.
Application June 2, 1938, Serial No. 77,524
Term of patent 3½ years

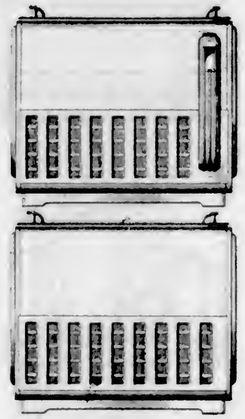


The ornamental design for a shirt box, substantially as shown.

110,743
DESIGN FOR A BEVERAGE COOLER CABINET
Everett Worthington, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del., a corporation of Delaware
Application January 8, 1938, Serial No. 74,158
Term of patent 14 years



110,743—Continued



The ornamental design for a beverage cooler cabinet, as shown.

110,744
DESIGN FOR A TOY FIGURE
Bonnie Young, New York, N. Y., assignor to J. Swedlin, Inc., New York, N. Y., a corporation of New York
Application May 26, 1938, Serial No. 77,412
Term of patent 7 years



The ornamental design for a toy figure, substantially as shown and described.

110,745
DESIGN FOR AN ILLUMINATED SHRINE
Leo Alter, Chicago, Ill., assignor to The Glolite Corporation, Chicago, Ill., a corporation of Illinois
Application March 31, 1938, Serial No. 76,201
Term of patent 14 years



The ornamental design for an illuminated shrine, as shown.

110,746
DESIGN FOR A BUCKLE
Warren Oakley Cagney, New York, N. Y.
Application July 7, 1938, Serial No. 78,317
Term of patent 3½ years



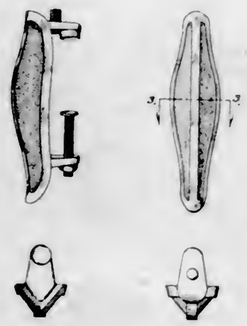
The ornamental design for a buckle, substantially as shown.

110,747
DESIGN FOR A VELOCIPEDE
Clarence E. Garton, Sheboygan, Wis.
Application April 25, 1938, Serial No. 76,745
Term of patent 3½ years



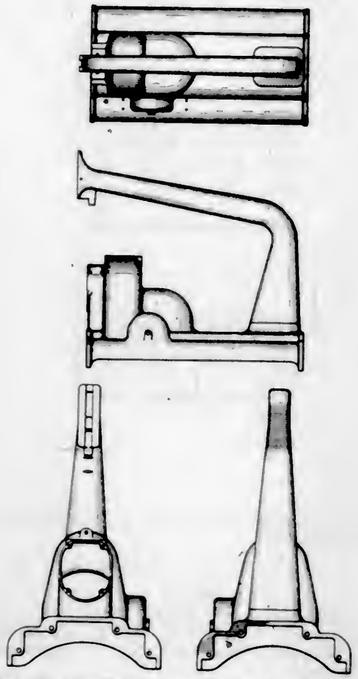
The ornamental design for a velocipede, as shown.

110,748
DESIGN FOR AN ANTENNA SUPPORTING BRACKET OR SIMILAR ARTICLE
John L. Gilmore, Kansas City, Mo.
Application March 28, 1938, Serial No. 76,141
Term of patent 7 years



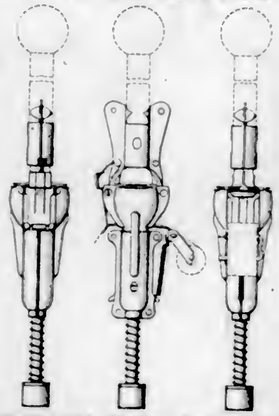
The ornamental design for an antenna supporting bracket or similar article, substantially as shown.

110,749
DESIGN FOR A SCROLL SAW FRAME
Alvin Haas, Peru, Ill.
Application December 24, 1937, Serial No. 73,841
Term of patent 7 years



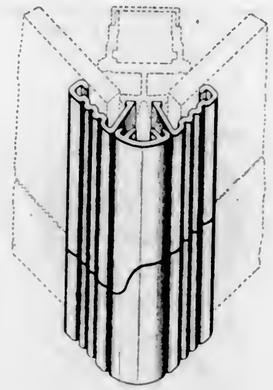
The ornamental design for a scroll saw frame, as shown.

110,750
DESIGN FOR A PAPER BURSTER TOY
Otto A. Langos, Chicago, Ill., assignor to Alfred F. Langos, Otto E. Langos, Harold L. Langos, and Matilda R. Langos, Chicago, Ill., partners doing business as Langson Manufacturing Company
Application December 17, 1937, Serial No. 73,691
Term of patent 7 years



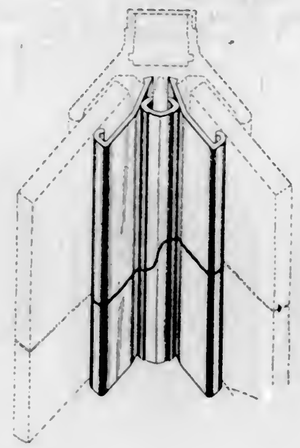
The ornamental design for a paper burster toy, substantially as shown.

110,751
DESIGN FOR A CORNER MOLDING STRIP UNIT
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,891
Term of patent 14 years



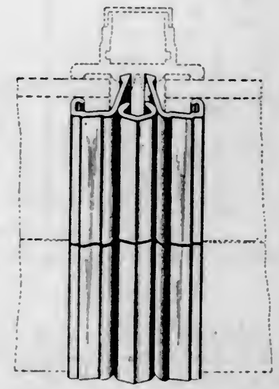
The ornamental design for a corner molding strip unit, substantially as shown and described.

110,752
DESIGN FOR A CORNER MOLDING STRIP UNIT
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,892
Term of patent 14 years



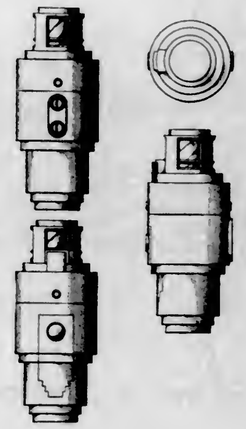
The ornamental design for a corner molding strip unit, substantially as shown and described.

110,753
DESIGN FOR A CORNER MOLDING STRIP UNIT
Clyde D. Lowry, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio
Application November 15, 1937, Serial No. 72,893
Term of patent 14 years



The ornamental design for a corner molding strip unit, substantially as shown and described.

110,754
DESIGN FOR A PARKING METER CASING
S. Lee Miller, Maywood, Ill.
Application February 5, 1938, Serial No. 74,907
Term of patent 14 years



The ornamental design for a parking meter casing, as shown.

110,755
DESIGN FOR A COAT
Max L. Romer, New York, N. Y.
Application July 7, 1938, Serial No. 78,326
Term of patent 3½ years



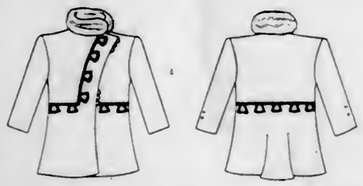
The ornamental design for a coat, substantially as shown.

110,756
DESIGN FOR A COAT
Max L. Romer, New York, N. Y.
Application July 7, 1938, Serial No. 78,327
Term of patent 3½ years



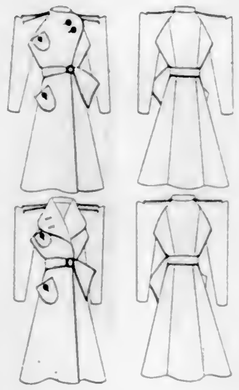
The ornamental design for a coat, substantially as shown.

110,757
DESIGN FOR A COAT
Max P. Sonberg, New York, N. Y.
Application June 6, 1938, Serial No. 77,612
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

110,758
DESIGN FOR A COAT
Jack Steinberg, New York, N. Y.
Application July 6, 1938, Serial No. 78,287
Term of patent 3½ years



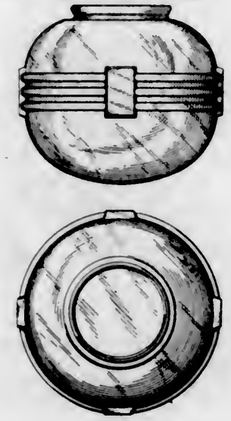
The ornamental design for a coat, substantially as shown.

110,759
DESIGN FOR A BADGE
Howard C. Townsend, Lockport, N. Y., assignor to Firemen's Association of the State of New York, a corporation of New York
Application March 24, 1938, Serial No. 76,068
Term of patent 14 years



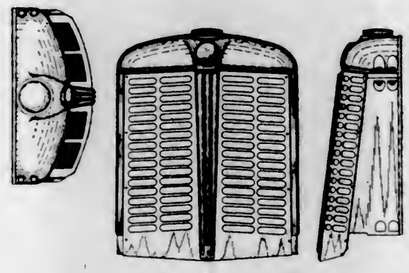
The ornamental design for a badge, substantially as shown and described.

110,760
DESIGN FOR A GLOBE OR SHADE FOR LIGHTING FIXTURES
Chauncey E. Waltman, Chicago, Ill., assignor to Erie Sales and Manufacturing Company, a partnership composed of Walter E. Kelly, Chicago, Ill., Emanuel Dym and Harry M. Tauber, Pittsburgh, Pa., Hyman Tauber, Greensburg, Pa., and the estate of Jacob Dym, formerly of Greensburg, Pa.
Application December 28, 1937, Serial No. 73,912
Term of patent 3½ years



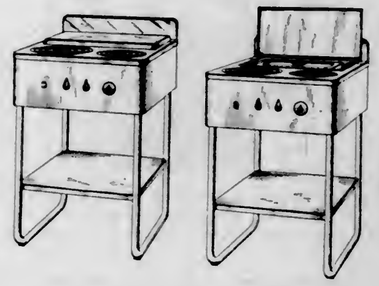
The ornamental design for a globe or shade for lighting fixtures, as shown.

110,761
DESIGN FOR A RADIATOR FRONT
Fred M. Young, Racine, Wis.
Application April 14, 1938, Serial No. 76,502
Term of patent 3½ years



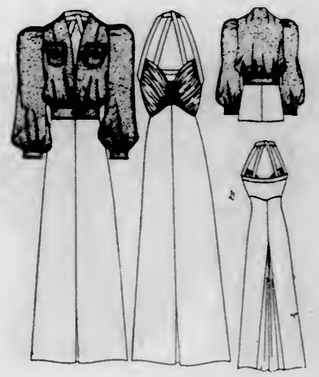
The ornamental design for a radiator front, as shown.

110,762
DESIGN FOR A COOKING STOVE
Herbert T. Burrow, Beaver Dam, Wis., assignor to Malleable Iron Range Company, Beaver Dam, Wis., a corporation of Wisconsin
Application May 20, 1938, Serial No. 77,320
Term of patent 14 years



The ornamental design for a cooking stove, as shown and described.

110,763
DESIGN FOR A DRESS ENSEMBLE
Samuel Chapman, New York, N. Y.
Application July 11, 1938, Serial No. 78,400
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown and described.

110,764
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application July 11, 1938, Serial No. 78,381
Term of patent 3½ years



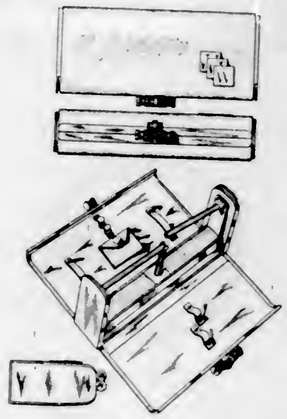
The ornamental design for a dress, substantially as shown and described.

110,765
DESIGN FOR A DRESS
Louise Decker, New York, N. Y.
Application July 11, 1938, Serial No. 78,404
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

110,766
DESIGN FOR A SEWING SET CASE
George R. Graff, Toledo, Ohio
Application June 16, 1938, Serial No. 77,886
Term of patent 7 years



The ornamental design for a sewing set case, as shown and described.

110,767
DESIGN FOR A CORDUROY FABRIC
Jack Leventhal, Laurelton, Long Island, N. Y., assignor to Crompton Company, West Warwick, R. I., a corporation of Rhode Island
Application March 2, 1938, Serial No. 75,527
Term of patent 3½ years



The ornamental design for a corduroy fabric, substantially as shown.

110,768
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 12, 1938, Serial No. 78,411
Term of patent 3½ years



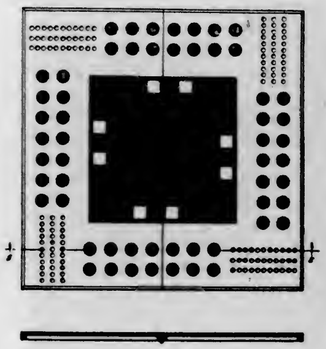
The ornamental design for a dress, substantially as shown and described.

110,769
DESIGN FOR A DRESS
Augusta Waxberg, New York, N. Y.
Application July 11, 1938, Serial No. 78,399
Term of patent 3½ years



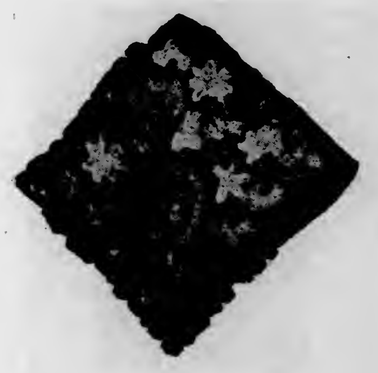
The ornamental design for a dress, substantially as shown.

110,770
DESIGN FOR A GAME BOARD
Don L. Alger, Avalon, Calif.
Application April 4, 1938, Serial No. 76,283
Term of patent 14 years



The ornamental design for a game board as shown.

110,771
DESIGN FOR A SEQUIN-EMBROIDERED APPLIQUÉ
Benjamin S. Bergman, New York, N. Y.
Application June 17, 1938, Serial No. 77,905
Term of patent 3½ years



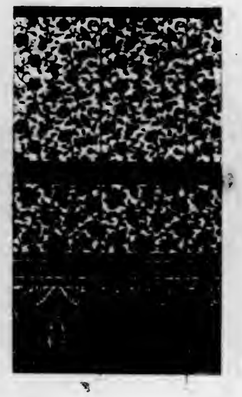
The ornamental design for a sequin-embroidered appliqué substantially as shown and described.

110,772
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application July 15, 1938, Serial No. 78,492
Term of patent 3½ years



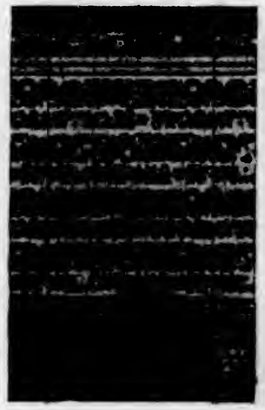
The ornamental design for a dress, substantially as shown.

110,773
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,295
Term of patent 3½ years



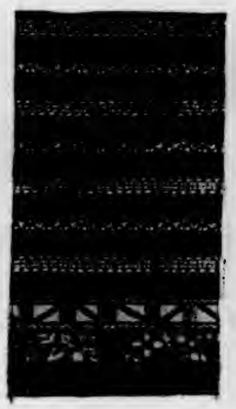
The ornamental design for a textile fabric, substantially as shown and described.

110,774
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,296
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,775
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,299
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,776
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y., a corporation of Delaware
Application August 23, 1937, Serial No. 71,287
Term of patent 3½ years



The ornamental design for a textile fabric, as shown.

110,777
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application July 5, 1938, Serial No. 78,264
Term of patent 3½ years



The ornamental design for a textile fabric or similar article substantially as shown.

110,778
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application July 5, 1938, Serial No. 78,265
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown.

110,779
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application July 5, 1938, Serial No. 78,266
Term of patent 3½ years



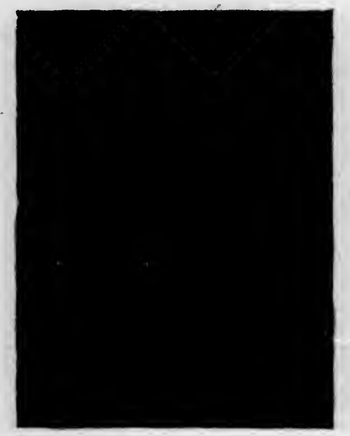
The ornamental design for a textile fabric or similar article, substantially as shown.

110,780
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application July 5, 1938, Serial No. 78,267
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown.

110,781
DESIGN FOR A CORDUROY FABRIC
Jack Leventhal, Laurelton, Long Island, N. Y., assignor to Crompton Company, West Warwick, R. I., a corporation of Rhode Island
Application March 3, 1938, Serial No. 75,551
Term of patent 3½ years



The ornamental design for a corduroy fabric substantially as shown.

110,782
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y., a corporation of Delaware
Application August 23, 1937, Serial No. 71,277
Term of patent 3½ years



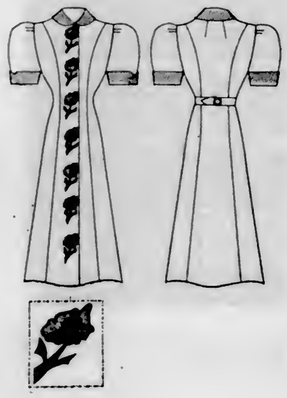
The ornamental design for a textile fabric, as shown.

110,783
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y., a corporation of Delaware
Application August 23, 1937, Serial No. 71,282
Term of patent 3½ years



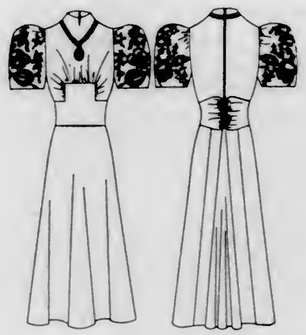
The ornamental design for a textile fabric, as shown.

110,784
DESIGN FOR A DRESS
Jacob M. Sterngold, New York, N. Y.
Application July 14, 1938, Serial No. 78,458
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

110,785
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 12, 1938, Serial No. 78,412
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

110,786
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Leo Franklin, Cedarhurst, N. Y.
Application July 7, 1938, Serial No. 78,337
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

110,787
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 7, 1938, Serial No. 78,313
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,788
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 7, 1938, Serial No. 78,314
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

110,789
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 7, 1938, Serial No. 78,316
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office

Vol. 493—No. 2 **TUESDAY, AUGUST 9, 1938** **Price—$16 per year**

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August 9, 1938

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Prints	3—No.	16,962 to No.	16,964, inclusive.
Reissues	7—No.	20,819 to No.	20,825, inclusive.
Patents	833—No.	2,125,863 to No.	2,126,695, inclusive.
Designs	65—No.	110,790 to No.	110,854, inclusive.
Total	1,134		

Interference Notice

U. S. PATENT OFFICE, *Washington, D. C., July 19, 1938.*
Frank S. Lyndall, his assigns or legal representatives, take notice:

An interference has been declared by this Office between the application of Standard Oil Company of New Jersey, 100 West Tenth Street, Wilmington, Del., for registration of a trade-mark, and trade-mark registered January 12, 1926, No. 207,887, to Frank S. Lyndall, 2005–07–09 South State Street, Chicago, Ill. A notice of such proceeding sent by registered mail to said Lyndall at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Frank S. Lyndall, his assigns or legal representatives shall enter an appearance within thirty days from the first publication of this order, the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Trade-Mark Registrations Canceled

88,057. Cleaning preparation. Cammeyer, New York, N. Y. Registered August 27, 1912. Renewed August 27, 1932. Canceled July 8, 1938.

132,422. Pomade. Jiffie-Straight Company, Incorporated, Petersburg, Va. Registered June 22, 1920. Canceled July 15, 1938.

157,298. Certain named toilet preparations. Affinity Company, Grand Rapids, Mich. Registered August 1, 1922. Canceled July 15, 1938.

159,639. Beverages sold as soft drinks and sirups for making same. Redondo Packing Corp., Los Angeles, Calif. Registered September 26, 1922. Canceled July 15, 1938.

217,041. Leather shoes. The Royer Shoe Company, Brockton, Mass. Registered August 24, 1926. Canceled July 8, 1938.

279,329. Beverages sold as soft drinks and syrups for making same. Tonkin Distributing Co., San Francisco, Calif. Registered January 13, 1931. Canceled July 8, 1938.

303,828. Adhesive for combining plies of paper and other articles. A. E. Staley Manufacturing Company, Decatur, Ill. Registered June 6, 1933. Canceled July 8, 1938.

307,720. Pancake syrup. Natural Sugars Inc., Brooklyn, N. Y. Registered October 31, 1933. Canceled July 8, 1938.

352,544. Women's dresses. George Hess Co., Inc., New York, N. Y. Registered November 30, 1937. Canceled July 8, 1938.

Adjudicated Patents

(D. C. N. Y.) Wachsman patent, No. 1,358,483, for stop mechanism for knitting machines, claim 1 *Held* valid and infringed. *Wachsman* v. *Robaczynski Mach. Corporation,* 23 F. Supp. 527.

(D. C. Mich.) Turner patent, No. 1,715,523, for floor covering for automobiles and the like, claim 3 *Held* invalid. *Paine & Williams* v. *Baldwin Rubber Co.,* 23 F. Supp. 485.

(D. C. Mich.) Vrooman patent, No. 1,715,525, for floor covering for automobiles and the like, *Held* invalid. *Id.*

(C. C. A. Calif.) Cords patent, No. 1,919,584, for method and apparatus for making packing rings, claims 1, 3 to 5, 8, and 10 to 12 *Held* not infringed. *Cords* v. *Coil Mfg. Co.,* 97 F.(2d) 68.

(C. C. A. N. J.) Stargardter patent, No. 1,948,192, for method of treating steel, claims 1, 3, 4, 5, 8, and 11 *Held* invalid. *Gillette Safety Razor Co.* v. *Windsor Mfg. Co.,* 97 F.(2d) 49.

Condition of Applications Under Examination at Close of Business July 23, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 48,792; Trade-Mark Division, 1,557. Oldest new case, Nov. 2, 1937; oldest amended, Nov. 9, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
5624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Feb. 19	Feb. 23	815
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Feb. 14	Feb. 14	1,035
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	May 3	Apr. 18	537
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service: Pneumatic Despatch; Fluid Pressure Brakes.	Mar. 19	Apr. 6	555
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Apr. 16	Apr. 16	675
6808C	6. LEWERS, A. M., Carbon Chemistry (part)	Feb. 25	Feb. 18	1,071
5725	7. JARBOE, C. G., Optics; Photography	Apr. 7	Apr. 7	949
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Apr. 8	Apr. 20	718
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Apr. 25	May 3	426
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Mar. 3	Mar. 9	826
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Mar. 30	Mar. 31	545
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Dec. 20	†Dec. 20	1,080
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 7	Mar. 7	573
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Apr. 29	Apr. 28	565
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Mar. 23	Mar. 23	1,359
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 12	Feb. 10	996
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Mar. 10	Mar. 6	832
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Mar. 7	Mar. 3	581
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 24	Mar. 23	703
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Apr. 16	Apr. 25	442
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Apr. 25	Apr. 26	482
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Apr. 16	Apr. 16	666
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 2	†Nov. 9	339
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Apr. 25	Apr. 25	647
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Apr. 1	Apr. 11	646
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Mar. 23	Mar. 23	582
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 27	Jan. 27	1,142
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Apr. 14	Apr. 11	401
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 10	Jan. 11	1,101
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 9	Feb. 14	825
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Apr. 15	Apr. 16	650
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Apr. 6	Apr. 7	608
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Apr. 20	Apr. 7	871
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Apr. 7	Apr. 4	377
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 22	Mar. 28	763
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Feb. 18	Feb. 26	612
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Jan. 13	Jan. 10	974
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Jan. 5	†Dec. 30	909
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Mar. 18	Mar. 19	653
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Feb. 21	Feb. 21	1,568
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 5	Mar. 29	315
5882	42. CUTTING, H. O., Electric Signaling	Jan. 8	†Dec. 14	830
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 7	Mar. 7	700
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Feb. 26	Feb. 26	760
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 17	Mar. 19	804
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Mar. 21	Mar. 23	574
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Mar. 23	Mar. 14	692
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Apr. 7	Apr. 7	526
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 6	Jan. 12	1,044
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 11	Apr. 11	776
5628	51. BACKUS, C. D., Radiant Energy	Apr. 18	Apr. 18	812
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Apr. 9	Apr. 11	872
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Mar. 22	Apr. 2	774
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	May 13	May 16	433
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Feb. 19	Feb. 26	1,132
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Feb. 23	Feb. 23	1,139
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horse-shoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 4	Mar. 21	505
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 21	429
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Apr. 20	Apr. 26	706
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Mar. 15	Mar. 15	580
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 9	Feb. 9	736
5621	62. PUGH, E. C., Games; Geometrical Instruments	Apr. 16	Apr. 21	582
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Apr. 27	May 5	319
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 4	Mar. 4	1,172
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 9	Feb. 3	729
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND — Trade-Marks	June 6	July 1	1,316
	Labels and Prints	June 23	July 8	241
2606	Designs: H. H. KALUPY	June 15	July 5	782

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE ZELENKO

No. 3,885. Decided February 28, 1938

[94 F.(2d) 988]

PATENTABILITY—DYE STARCH.

Claims for a dye starch consisting of a mixture of starch and coloring matter fugitive to water *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

GARRETT, *P. J.*, and LENROOT, *J.*, dissenting.

Mr. J. Preston Swecker (*Mr. Frank J. Schraeder, Jr.*, of counsel) for Zelenko.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

BLAND, *J.*:

All of appellant's claims, three in number, in an application for a patent relating to a dye starch, were rejected by the Primary Examiner of the United States Patent Office, and upon appeal the said rejection was affirmed by the Board of Appeals. From the decision of the Board, appellant has here appealed.

The three claims involved follow:

13. A dye starch for fabric consisting of a mixture of starch and coloring matter fugitive to washing of a character such that the coloring matter will be substantially entirely washed out of such a starched fabric in laundering.

14. A dye starch for fabric consisting of a mixture of starch and coloring matter fugitive to washing of a character such that the mixture will be entirely washed out of such a starched fabric in laundering the fabric, as distinguished from being only partly washed out.

15. A dye starch for cotton fabric consisting of a mixture of starch and aniline coloring matter fugitive to washing of a character such that the mixture will be entirely washed out of such a starched fabric in laundering, said starch and aniline coloring matter being mixed approximately in the proportions of 100 pounds of starch to from approximately 1 to 4 ounces of coloring matter.

The references relied upon are: Kretschmar "Yarn and Warp Sizing" (1911), pp. 160–168; Taney, 577,969, March 2, 1897; Cornelison, 854,332, May 21, 1907; MacKenzie, 1,117,873, November 17, 1914; Schwarz, 992,270, May 16, 1911; Capitaine (British), 5,260, of 1884; Willcox (British), 18,075, of 1889; Potter et al. (British), 18,258, of 1894; Newbery et al. (British), 16,774, of 1914.

The alleged invention relates to a dye starch for the coloring and starching of cotton or other textile materials and is said to be especially suitable for articles such as curtains, lace, and the like. There seem to be two main ideas expressed by the claims: First, that a dye is combined with the starch; second, that the dye used must be such a one as may be readily washed out in laundering.

It will be noticed that claim 13 calls for a combination of dye and starch, the dye consisting of a coloring matter which will be "substantially entirely washed out * * * in laundering."

Claim 14 requires that the dye be "entirely washed out" in laundering as distinguished from being only partly washed out as is stated in claim 13. We see no material distinction between the two claims.

Claim 15 calls for a mixture of dye and starch and gives the proportions as approximately "100 pounds of starch to from approximately 1 to 4 ounces of coloring matter."

Appellant's specification states that "To vary the shades of color, the amounts of the coloring dyestuffs may, obviously, be varied." Since it is not claimed that the proportion of ingredients expressed in claim 15 is critical or that the result is anything more than claims 13 and 14 call for, it is thought that there is no substantial distinction to be made here between the claims.

The Examiner used the Kretschmar article on "Yarn and Warp Sizing," supra, as the principal reference. In chapter 6 of this article is found the following, part of which was quoted by the Examiner:

> Probably the idea of combined dyeing and sizing took its rise in the practice of adding blue to the size with a view to obtaining a white effect; and from this was developed in later years the conception of producing other colors in the same way, especially when these were not required to stand any severe tests. It was not, however, until the development of the dyestuff industry had placed on the market products capable of dyeing cotton direct and without any mordant, that the idea in question could be carried into practice. At present a large number of weaving factories use warps and yarns that have been dyed in sizing, and manufacture a large variety of fabrics therefrom. The chief advantage of this combined process resides in the question of cost—a point that is by no means to be despised, when it is remembered that nearly the whole expense of dyeing is saved, without lowering the output from the sizing process.
>
> * * * These products must not be expected to offer any special resistance to subsequent treatment with liquids, such as washing, the action of rain, etc., though they may stand air, light, heat, etc., just as well as if dyed before sizing. Hence dyed yarns of this kind are used for carpets (back warps), trimmings, and decorative or upholstery fabrics, and other double materials.
>
> * * * Dyeing in the size is mostly practiced in the case of the above-mentioned yarns, or such as are only very lightly dyed and are not required to be particularly fast to washing and the action of water. This process can be employed to a certain extent to produce imitations of a number of other articles.

It will be noticed that the Kretschmar article emphasizes the advantage of combining the processes of dyeing and sizing at the same time. The article teaches the use of a dye which was said to be more satisfactory than dye used in the prior art. It teaches that in carpets and other such articles it was important to use a dye which would be fast to air, light, heat, etc., and that it was not important that it be "particularly fast to washing and the action of water."

Some of the references, and we will not here discuss them all in detail, show it to be old to combine dye, fast in character, with starch. Some of them show that it is old to combine blueing and starch for the purpose of sizing the article, and at the same time, by the addition of the blueing material, giving the article an additional whitened appearance.

We have given careful consideration to the arguments of appellant and his discussion of the various references, but we are not impressed with the contention that he has done anything more in the production of his dye starch than what would be obvious to one who was familiar with the teachings

of the references cited. In view of the fact that Kretschmar definitely points out that the dye to be used is one which is not fast to washing or rain, it would seem to suggest that anyone wanting a dye which was fugitive to washing could select any of those recommended in the Kretschmar article or could select any other dye or coloring matter with this desired property. It is not urged that dyes or coloring materials fugitive to washing are new. In fact, appellant's principal contention here is that his alleged invention rests in the combination of a dye, fugitive to washing, and a sizing material.

The Board of Appeals, in a very brief opinion, affirmed the Examiner and said, in part:

> It is our opinion with the art before us that it would be lacking in invention to combine with starch a coloring matter fugitive to washing in view of the early teaching of Kretschmar and in view of the fact that coloring matter fugitive to washing is old and starches combined with coloring matter capable of forming an aqueous solution are also old (see British Patent No. 5,260 and Cornelison No. 854,332). We consider it is purely a matter of choice as to the particular coloring matter to be united with the starch.

We think that this statement is a complete answer to the contentions of appellant. The decision of the Board of Appeals is affirmed.

Affirmed.

GARRETT, *P. J.*, and LENROOT, *J.*, dissent.

U. S. Court of Customs and Patent Appeals

MCCORMICK AND SCHWARTZ *v.* PLUMSTEAD

No. 3,905. Decided February 28, 1938

[94 F.(2d) 999]

1. INTERFERENCE—CONSTRUCTION OF COUNTS—EXPRESS LIMITATIONS.

"While counts in an interference are to be interpreted as broadly as their language will reasonably permit, express limitations can not be ignored."

2. SAME—BURDEN OF ESTABLISHING PRIORITY.

Where appellants were deemed not entitled to the benefit of their earlier applications for conception and reduction to practice of the invention, and appellee's patent having issued before appellants' application was filed, "• • • it was clearly incumbent upon appellants to establish priority of invention beyond a reasonable doubt."

3. SAME—SAME—SUFFICIENCY OF EVIDENCE TO SUSTAIN.

"Where the burden is upon a party to establish priority of invention beyond a reasonable doubt, we are not permitted to decide the case upon mere probabilities that one upon whom the burden rests is the original inventor, if such probabilities could be said to exist."

4. SAME—PRIORITY.

Record reviewed and *Held* that Mc. and S., the junior party, failed to sustain the burden resting upon them and that priority was properly awarded the senior party P.

APPEAL from Patent Office. Affirmed.

Mr. Spencer Brownell, Jr., for McCormick and Schwartz.

Mr. Frank S. Busser (*Messrs. Busser* and *Harding* and *Mr. Hayward H. Coburn* of counsel) for Plumstead.

LENROOT, *J.*:

This is an interference proceeding wherein appellants have appealed from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner of Interferences which awarded to appellee priority of invention as to all the counts in the interference.

The interference was originally between an application of appellants filed April 30, 1932, and a patent to appellee, issued November 3, 1931, No. 1,830,131, upon an application filed May 9, 1929. Fifteen counts were embraced in the interference, the corresponding claims for which were copied by appellants from appellee's said patent.

After the declaration of said interference, an application was filed by appellee for a reissue of his said patent, adding certain claims copied from appellants' application. Two of the added claims were added to the interference as counts 16 and 17, and the interference was redeclared.

Appellants contend that their said application is a continuation of an application filed by them on August 25, 1931, which last-mentioned application matured into a patent, No. 1,857,100, which was issued on May 3, 1932. Appellants claim that said last-named application was itself, in part, a continuation of an application filed by them on June 6, 1928.

The appeal before us includes all of the seventeen counts of the interference, but appellants have moved to dismiss the appeal as to all of the counts except those numbered 7, 8, 13, 14, 15, 16, and 17. This motion will be granted. Counts 7, 15, and 16 are illustrative of the remaining counts before us and read as follows:

> 7. The hereindescribed method of producing puffed pulp including treating substantially dry cellulosic fibrous pulp material in a kneader with caustic alkali solution of sufficient strength such as will produce a puffing of the pulp or curling of the fibres and in such volume of solution as to produce a resultant substantially non-fluid mass containing at least 10% of fibrous material, said resultant non-fluid mass *as treated* being of such density that there can be no free drainage, and washing the material substantially free from caustic alkali and saponified substances. [Italics ours.]
>
> 15. A step in the method of producing puffed pulp by curling the fibers thereof, this step consisting in impregnating the substantially dry pulp with a caustic alkali solution, and *maintaining* the fluid content of the mass of pulp and solution in such limited amount that it will not exceed that required for producing a non-fluid mass. [Italics ours.]
>
> 16. A process for producing puffed pulp which comprises making paper pulp by cooking wood chips in a pulp digester with caustic soda, and washing the pulp, passing a mixture of the pulp thus produced with caustic soda solution of mercerizing activity at a pulp consistency over 10% through a mixing apparatus, separating the caustic from the pulp, and returning the separated caustic to the pulp digester.

As indicated by the above quoted counts, the invention in issue relates to a process for treating pulp material resulting in the manufacture of a highly crinkled or puffed pulp from which highly absorbent sheet material may be made.

Appellants' preliminary statements alleged, inter alia, conception, disclosure to others, and reduction to practice of the invention as set forth in counts 7, 8, and 13 to 17, inclusive, during September, 1925.

The preliminary statements of appellee alleged conception and disclosure to others of the invention as set forth in all of the counts in December, 1928, and reduction to practice during April, 1929.

Both sides took voluminous testimony.

The Examiner of Interferences held that, inasmuch as appellants' application was filed after the issue of appellee's patent, the burden was upon appellants to establish priority of invention as to all of the involved counts beyond a reasonable doubt. He further held that neither party had established conception or reduction to practice of the invention prior to their respective filing dates, and therefore, appellee being the senior party, he awarded priority of invention to him.

The Examiner of Interferences specifically held that the earlier application of appellants, filed June 6, 1928, and hereinbefore referred to, fails to support any of the counts before us, and consequently could not be relied upon by appellants for conception and constructive reduction to practice of the invention.

The Board of Appeals, in affirming the decision of the Examiner, held, in effect, that the invention was reduced to practice in March, 1929, without according to either party the benefit of such reduction to practice, and held that appellants had not definitely established by proof that they either conceived the invention or disclosed it to appellee prior to the filing date of appellee's application, May 9, 1929. The Examiner of Interferences had, in effect, held that said experiments did not result in a reduction to practice of the invention.

The Board of Appeals affirmed the holding of the Examiner of Interferences that appellants were not entitled to the benefit of the dates of appellants' earlier applications for conception and reduction to practice of the invention, and that the burden was upon appellants to establish priority of invention beyond a reasonable doubt.

Before considering the testimony, it is necessary to determine two questions, one the proper construction of the counts, and the other the burden of proof resting upon appellants to establish priority of invention.

That both appellants' instant application and appellee's patent and reissue application support the invention set forth in the counts is conceded, but the construction of the counts is important as bearing upon the question of conception and reduction to practice of the invention by appellants.

The difference between the parties as to the construction of the counts arises from the use of the words "as treated" in count 7, hereinbefore quoted, which words also apply to counts 8 and 13, and the use of the word "maintaining" in count 15, hereinbefore quoted, which word is also included in count 14.

Both of the Patent Office tribunals held that the words "maintaining" and "as treated" are positive limitations and cannot be ignored. The Board of Appeals in its decision stated:

> • • • Merely adding the pulp to the caustic soda solution, as stated at the top of page 3 of Exhibit No. 8, will not maintain the consistency despite the fact that the ingredients are well mixed as stated in lines 3 and 4, page 3 of this exhibit. Appellants insist that "maintaining" in this connection means (page 6 of appellants' brief) that "the initial ingredients of the mixture are not to be changed until the operation is complete".
>
> As we view it, the effect of the word "maintaining" in count 14 is that no matter how the ingredients are handled in the impregnator the liquid content of the mass is always and everywhere maintained so that the liquid will not at any time or place in the process exceed that required for producing a non-fluid mass. Plumstead describes this effect at the top of page 3 of his original specification or page 2, lines 16 et seq., of his patent. In other words, the caustic solution is added only in such quantities that a resultant substantially non-fluid mass will be produced.

The Examiner of Interferences, in his decision upon the motion of appellee to add counts to the interference as originally declared, stated that the process involved in the claims which later became counts 16 and 17 requires that the pulp be maintained at concentration above 10 per cent substantially during all of the mixing or impregnating step.

Appellants contested this view of said Examiner and moved for a reconsideration of his decision. In his decision upon said motion the Examiner of Interferences stated:

> In regard to the contention that these claims are not limited to a process in which the pulp is maintained at a concentration above ten per cent substantially during all the mixing or impregnating step, attention is directed to the limitations stated in the second sentence of page 2 of the decision, which support the opposed construction of these claims. The interpretation of these claims given in the decision is believed supported by the Plumstead patent (lines 9–21, page 2) and original claim 6 of the patented file. • • •

The matter in appellee's patent referred to in the above quotation reads as follows:

> In practicing this exemplification of my invention, substantially dry fibrous cellulose pulp, or raw material is delivered to an impregnating kneader 1 to which is also delivered caustic alkali solution of sufficient strength, say 7% to 24%, to cause a curling of the fibres of the pulp upon impregnation. The caustic alkali is added only in such quantities that a resultant substantially non-fluid mass will be produced, the mass containing at least 10% of fibrous material, the remainder of the mass being caustic soda or caustic alkali solution.

Original claim 6 of appellee's original application, as it appears in the record, reads as follows:

> 6. The method of puffing paper pulp including the steps of treating substantially dry cellulosic fibrous pulp material with caustic alkali to produce a puffing, swelling, or curling of the fibres and a substantially non-fluid mass containing at least 10% of fibrous material, and subsequently forming the non-fluid, puffed fibrous mass into a sheet.

The Examiner having thus construed counts 16 and 17, which do not contain either the word "maintaining" or the words "as treated," it follows that, in his opinion, the counts of the interference which do contain such words, when similarly construed, are likewise supported by appellee's original application, as filed.

On October 3, 1931, appellee amended his original application in certain respects; one of such amendments reads as follows:

> The invention primarily involves subjecting the substantially dry pulp to impregnation by a strong caustic solution in a suitable impregnator, wherein the liquid content of the mass will be limited in amount so that the mass will be maintained in a non-fluid condition.

Appellants, in their brief, with respect to this subject state:

> Counts 14 and 15 are couched in different terms than count 7; they call for a method of puffing pulp consisting in impregnating dry pulp with a caustic alkali solution and "maintaining the liquid (fluid) content of the mass of pulp and solution in such limited amount that it will not exceed that required for producting a non-fluid mass."
>
> Before discussing the meaning of these counts, the history of the quoted portion will be mentioned. It did not appear in the specifications or claims as filed but was introduced over two years later by an amendment under rule 78, (Rec. pp. 80–83) which rewrote large portions of the specification and introduced new claims 19 and 20 (counts 14 and 15). No explanation accompanied that amendment. Since this language was not in the Plumstead case originally, it must be interpreted only in the light of the original disclosure and it is immediately apparent that counts 14 and 15 can be no more limited in meaning than count 7.

We are not convinced that the foregoing quoted amendment constituted new matter, and we agree with the Patent Office tribunals that counts 14 and 15 require that the process be such that the ingredients are mixed in an impregnator wherein the mass is maintained as stated in the counts.

The word "maintaining" is not found in count 7, but it is there provided that the ingredients shall be treated in a "kneader" producing a "resultant substantially non-fluid mass," and that, "as treated," the resultant non-fluid mass is of such density that there can be no free drainage.

We think the elements of count 7 above discussed are the equivalent of counts 14 and 15, containing the word "maintaining," and we so hold; and, as we understand its decision, that was the Board's view.

This construction of the counts is clearly disclosed in appellants' application in interference, wherein it is stated:

> • • • The volume of liquor passing through the pipe 15 is adjusted so that a substantially non-fluid or high consistency mixture of pulp and caustic solution continuously passes through the apparatus.

These limitations are of very great importance in determining the question of conception and reduction to practice of the invention by appellants.

[1] While counts in an interference are to be interpreted as broadly as their language will reasonably permit, express limitations can not be ignored. This we have declared so repeatedly that citation of authority is unnecessary.

With respect to the burden resting upon appellants to establish priority of invention, in view of our construction of counts 7, 8, 13, 14, and 15, we are clear that appellants are not entitled to the benefit of their earlier applications for conception and reduction to practice of the invention, for there is nothing therein that could support the limitations hereinbefore discussed.

[2] This being true, and appellee's patent having issued before appellants' application was filed, it was clearly incumbent upon appellants to establish priority of invention beyond a reasonable doubt. *White* v. *Syvertsen*, 18 C. C. P. A. (Patents) 897, 46 F.(2d) 364, 1931 C. D. 168, 406 O. G. 288.

Appellants contend that a different rule prevails where the question of originality of invention is in issue, and cites our decision in the case of *De Forest* v. *Owens*, 18 C. C. P. A. (Patents) 1424, 49 F.(2d) 826, 1931 C. D. 589, 412 O. G. 554. It is true that certain statements were made in our opinion in that case which, isolated from the facts there in issue, would seem to sustain appellants' contention. However, we have many times said this may not properly be done, but the connection in which expressions are made must also be considered.

In the De Forest case we held that the relation of employer and employee existed between De Forest and Owens, and therefore the presumption was, under the circumstances of that case, that De Forest was the inventor, and it was incumbent upon Owens to produce satisfactory evidence to the contrary.

While the burden of proof was originally upon De Forest to establish priority of invention, that burden was met when, in connection with other facts in the case, it was established that the relation of employer and employee existed between the parties. There was no dispute upon the question of law there involved, and we did not think it necessary to state an elementary rule of law concerning which there was no dispute, viz., that the burden is always upon the junior party to establish priority of invention, and that burden is not sustained until facts appear prima facie establishing priority of invention in the junior party, in which case the senior party must go forward with proof to overcome the prima facie case made by the junior party.

In the case of *Herst* v. *Nielsen*, 19 C. C. P. A. (Patents) 883, 55 F.(2d) 430, 1932 C. D. 196, 418 O. G. 553, we said:

> The sole and only question is one of originality. Nielsen's parent application having been filed before that of Herst, the burden is upon Herst of establishing his case, and unless this burden is fully discharged the senior applicant must prevail. *Hunter* v. *Stikman*, 13 App. D. C. 214. • • •

This brings us to a consideration of the testimony in the case.

Appellee invokes the rule that, ordinarily, concurring decisions of the Patent Office tribunals will not be disturbed unless it appears that they are manifestly wrong.

Appellants call our attention to our decision in the case of *Bryson* v. *Clarke*, Patent Appeal No. 3846, 25 C. C. P. A. (Patents) —, 92 F.(2d) 720, 490 O. G. 5, wherein we said:

> At the outset we would observe that appellee here invokes the rule that, ordinarily, concurring decisions of the Patent Office tribunals will be accepted by this court as conclusive except where it appears that such decisions are manifestly wrong. This rule has been repeatedly applied by us, and it is applicable to questions of fact, and to technical and engineering questions, but it of course has no application to pure questions of law, and ordinarily it does not apply to construction of claims and counts when technical questions pertaining to such claims or counts are not involved. In the latter class of cases, while the reasoning of the Patent Office tribunals upon which their conclusions are based should be carefully considered, their decisions based thereon should in no wise be considered as controlling our decision.

There is no conflict between what we stated in the above quotation and previous decisions of this court. In the case last cited, we merely fully expressed what has always been understood in considering concurring decisions of the Patent Office tribunals.

It appears that appellants' application has been assigned to the Celastic Corporation, which, we gather, is a subsidiary of E. I. du Pont de Nemours & Company.

It further appears that appellee's application was assigned to Jessup and Moore Paper Company, and the patent issued thereon so states.

The appellant Schwartz was, at all of the times hereinafter mentioned, employed as a research chemist by said du Pont company, and had been so employed since the year 1917. He testified that, some time prior to September 14, 1925, he began research work upon the general subject matter of the involved invention, and that on or about September 14, 1925, he, in conjunction with appellant McCormick, conceived certain elements of the invention here in issue.

The appellant McCormick was also employed by the du Pont company in its Development Department, and had been so employed since 1916, his work being confined to commercial and technical research problems. He testified that he began research work upon the general subject of the involved invention in December, 1924, and that in September, 1925, he and his co-appellant, Schwartz, jointly conceived certain elements of the invention set forth in the counts here involved.

The appellee is, and at all times herein mentioned was, an employee of the Jessup and Moore Paper Company, and had been in their employ for sixteen years at the time of the taking of his testimony. He testified that, at the time his testimony was taken, in March, 1935, he was the secretary of said company; that he had been assistant superintendent and superintendent of the Delaware Pulp Mills owned by said company, and had been manager of manufacture of two pulp mills and three paper mills.

All of the parties hereto seem to have been highly qualified in the general art of pulp and paper making.

The Lindsay Paper Company, according to the testimony, was interested in the subject matter of the involved invention, said company being the sole licensee of the Celastic Corporation for the manufacture and sale of a product known as "Krafelt", for which the Celastic Corporation had a patent; and said paper company, under an agreement with the Celastic Corporation, was to become the sole licensee of any subsequent patents issued to its licensor.

The controversy before us extends over a period of time from September, 1925, to May 9, 1929, when appellee filed his application for patent.

We will first consider the period from September, 1925, to December, 1928. In this period the question of conception of the invention by appellants is involved. The subsequent period involves the question of originality. The events which occurred during this first period require very little discussion, for, aside from the great burden upon appellants to establish prior conception of the invention, we are convinced that, with the construction of the counts given by the Patent Office tribunals, and approved by us, there is no evidence whatever that appellants conceived the invention set forth in counts 7, 8, 13, 14, and 15 prior to December, 1928.

As we are clear upon this point, we do not deem it necessary to review the evidence respecting the activity of appellants during this first period.

As stated above, the period subsequent to December, 1928, involves the question of originality, for it is the contention of appellants that, in December, 1928, they disclosed the invention to appellee, while appellee, denying this, contends that he disclosed the invention to appellants somewhat later.

It is agreed that the parties hereto met at the Rockland mill of appellee's assignee at Rockland, Del., in December, 1928. At this meeting there were present, in addition to the parties hereto, Mr. David Lindsay, Jr., representing the Lindsay Paper Company, and Messrs. Wiehenmayer and Tong, representing appellee's assignee. The purpose of the meeting was to discuss a procedure for puffing pulp with caustic soda solution, with a view to its subsequent manufacture by appellee's assignee. It is the contention of appellants that at this meeting the invention, as set forth in the involved counts, was disclosed to appellee. Each of the appellants so testified, as did the witness David Lindsay, Jr. This disclosure is denied by appellee and by the witness Wiehenmayer. The witness Tong did not directly deny that such a disclosure was made, but he did testify to a disclosure made by appellants, which disclosure would not meet the counts here involved.

Appellee testified that at this conference in December, 1928, he conceived the invention here involved, and shortly thereafter disclosed it to Mr. Wiehenmayer, and a little later to Mr. Eugene W. Fry, president of appellee's assignee.

The witness Wiehenmayer corroborated appellee's testimony as to the disclosure made to him, and Fry corroborated appellee's testimony as to appellee's second disclosure made to him, Fry.

The witness Wiehenmayer further testified that appellee was instructed not to reveal to the Lindsay Paper Company or its representative the invention as set forth in the involved counts, but that later, in February or March, 1929, appellee was authorized to make a disclosure of his proposed process to representatives of the Lindsay Company, and appellee testified that such disclosure was made to the appellant Schwartz and the witness David Lindsay, Jr. This was denied by Schwartz and Lindsay.

We are not satisfied, however, that the disclosure by appellee as testified to embraced all of the elements of the counts in issue, nor are we satisfied that the disclosure to appellee, as testified to by appellants and the witness Lindsay, embraced all of the elements of the counts here involved, as they are construed by us.

Finally, however, tests were made at the Kenmore Mill of appellee's assignee, which tests, the Board of Appeals apparently held, carried out the process set forth in the counts and constituted a reduction to practice of the invention, although the Examiner of Interferences was of the opinion that this had not been established.

However, both tribunals agree that, whatever was done at the Kenmore Mill, appellants had not established priority of the invention involved.

The Examiner of Interferences in his decision stated:

> Therefore as is usual the circumstances which are important in an originality case are asserted by one party and denied by the other. However it is clear that one of the most important circumstances of the case is not established by either party and especially the junior party, because neither has established that he had at least a conception of the invention in issue prior to the admitted meeting in December of 1928. Since the meeting of the parties is not denied it is certain that there

was opportunity for derivation from one party by the other. But it can not be concluded from the testimony on behalf of McCormick and Schwartz that they have sustained the burden resting upon them in establishing a prior conception by them nor a derivation of the invention in issue from them by the party Plumstead.

Likewise it can not be concluded from the testimony on behalf of the party Plumstead, even though the testimony on his behalf does establish that he conceived the idea of thick pulp treatment in a Lannoye pulper, that he has established a derivation of the invention in issue from him by the junior party McCormick and Schwartz nor that he has established a conception or reduction to practice prior to his constructive reduction to practice of May 9, 1929.

The Board of Appeals in its decision stated:

The Kenmore Mills operation

The substitution of the Lannoye pulper for the beaters seems to be preferred in Exhibits 26 and 28. Exhibit 25, dated March 16, 1929, is the first to indicate a proper relation between the flow rate of the caustic solution and the pulp as 7.5 parts of solution to one part board weight of pulp. The Examiner states, however, that it does not conclusively appear therefrom whether the suggestion as to the consistencies was by Plumstead or by McCormick and Schwartz. We believe that whatever presumption exists is in favor of Plumstead whose name appears on the Schwartz notebook, page 179, the run having been made at the mill of the Jessup and Moore Company. David Lindsay's name also appears on the notebook leaf and he testified that Schwartz supervised the feeding of the pulp and caustic solution to the pulper. However, we make no presumption as to the effect of Exhibit 25, since there is nothing of record to definitely relate the mode of operation there indicated to either party.

As pointed out by appellants, the mere variation on the consistency of the output from the pulper does not indicate that the non-fluid condition was not maintained. On the contrary, we believe it was substantially maintained, but we are not satisfied, from the evidence before us, that the process was conceived by appellants more than by Plumstead.

Considering that the burden was upon appellants to establish priority of invention beyond a reasonable doubt, we do not deem it necessary to discuss the testimony further. The testimony in behalf of the respective parties is irreconcilable, and it is difficult to believe that the conflict in testimony was the result of faulty recollection or honest mistake. True, there are circumstances which each party points out as indicating that the other is culpable. Appellants point out the failure of appellee to call as a witness one Currier, an employee of appellee's assignee, who, according to the testimony, could have thrown much light on the case, and also the failure to produce records of the test at the Kenmore Mill. On the other hand, appellee points out that, on August 25, 1931, an application was filed by appellants relating to the same subject, which application did not disclose the involved invention, and that it was not until after appellee's patent issued that appellants filed any application to secure patent protection for the invention here involved.

[3] When the burden is upon a party to establish priority of invention beyond a reasonable doubt, we are not permitted to decide the case upon mere probabilities that one upon whom the burden rests is the original inventor, if such probabilities could be said to exist.

Appellants make some contention that, by a certain contract existing between the Lindsay Paper Company and appellee's assignee, a fiduciary relationship was created between the parties, and that, if appellee did make any improvements in appellants' process, they should inure to appellants.

By the contract referred to, the Lindsay Paper Company, as licensee under a patent owned by the Celastic Corporation, which patent is not here involved, granted to the Jessup and Moore Paper Company a sub-license, under certain conditions named in the contract, to manufacture puffed paper and pulp under said patent. The contract contains the following provision:

15. Any improvement devised solely by the licensee shall remain its property, but the licensor herein shall have the right and privilege for itself alone, during the life of any patent obtained or applied for, to use and employ said improved process.

Without further discussing the details of said contract, we state that we find nothing therein, or in the conduct of the parties as shown by the record, to warrant a holding that any invention made by appellee should inure to the benefit of appellants.

We next come to a consideration of counts 16 and 17. The Examiner of Interferences held that these counts, like 14 and 15, are limited to a process in which the pulp is maintained at a concentration above 10 per cent substantially during all of the mixing step. The Board of Appeals did not specifically discuss this point, but there was a general affirmance of the decision of the Examiner of Interferences.

We are in accord with the holding of the Examiner of Interferences, and impliedly by the Board, with respect to the construction of these counts. It follows that, appellants not having established priority of invention as to the counts hereinbefore discussed, they have not established priority as to counts 16 and 17.

[4] We have given careful consideration to other minor points raised by appellants' counsel, but find nothing therein which could affect our conclusion. Upon the entire record we must conclude, as did the Patent Office tribunals, that appellants have failed to sustain the burden resting upon them.

The motion of appellants to dismiss the appeal as to counts 1 to 6, inclusive, and 9 to 12, inclusive, is granted. The decision of the Board of Appeals as to the remaining counts is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,244,152, G. W. White, Combined harvester and threshing attachment, D. C., W. D. Mo. (Kansas City), Doc. 2321, *Rotary Harvester Corp.* v. *Gleaner Harvester Corp. et al.* Dismissed (notice June 11, 1938).

1,278,117, J. S. Dawley, Art of making motion pictures, D. C., S. D. Calif. (Los Angeles), Doc. R-124-M, *S. L. Harris (Associated Process Patents Co.)* v. *Dunning Process Co.* Dismissed with prejudice June 1, 1938.

1,324,235, T. de Roode, Moving picture film, D. C., S. D. N. Y., Doc. E 79/218, *T. de Roode* v. *National Screen Service, Inc.* Dismissed for lack of prosecution (notice June 7, 1938).

1,357,314, E. S. Cobb, Process of preventing frost or heat injury in orchards, D. C., S. D. Calif. (Los Angeles), Doc. E 123-D, *Cobb Temperature Regulator Co.* v. *J. W. C. Pogue et al.* Dismissed for want of prosecution May 2, 1938.

1,358,483, A. Wachsman, Stop mechanism for knitting machine, D. C., E. D. N. Y., Doc. E 8181, *A. Wachsman* v. *Robaczynoki Machine Corp.* Decree for plaintiff June 8, 1938.

1,359,880, C. Dunn, Self filling fountain pen, D. C., S. D. N. Y., Doc. E 83/232, *H. A. Dunn et al.* v. *Eagle Pencil Co., Inc.* Dismissed without prejudice (notice June 7, 1938).

1,422,656, J. Brennan, Banana unloader, filed June 20, 1938, D. C., E. D. La. (New Orleans), Doc. 1186, *J. Brennan* v. *United Fruit Co.*

1,443,941, Asplin & Wisander, Method of making baskets, D. C., N. D. Ohio, E. Div., Doc. 5590, *W. E. Asplin* v. *R. L. Scanlon.* Consent decree holding that defendant has not infringed patent. Bill dismissed with prejudice; defendant's counter-claim for declaratory judgment dismissed without prejudice June 1, 1938.

1,467,354, N. C. Christensen, Process of concentrating oxidized ores and minerals, appeal filed Aug. 23, 1937, C. C. A., 3d Cir., Doc. 6552, *Southern Phosphate Corp.* v. *Phosphate Recovery Corp.*

1,579,518, G. F. Connelly, Pneumatic tire mold, D. C., N. D. Calif. (Sacramento), Doc. 1295-L, *T. P. Bacon* v. *Super Mold Corp.* Dismissed June 13, 1938.

1,597,129, L. L. Watters, Bed-pan cleaner and sterilizer, D. C., S. D. N. Y., Doc. E 86/325, *L. L. Watters et al.* v. *Scanlon-Morris Co.* Dismissed for lack of jurisdiction (June 17, 1938).

1,603,207, T. Huston, Paper bag and seal, filed June 11, 1938, D. C., N. D. Ala. (Birmingham), Doc. 937, *Tom Huston Peanut Co.* v. *It's Products Co. et al.*

1,612,969, Felt & Turck, Calculating machine, D. C., N. D. Calif. (San Francisco), Doc. E 4180-R, *Felt & Tarrant Mfg. Co.* v. *Friden Calculating Machine Co., Inc.* Dismissed May 20, 1938.

1,655,018, C. H. Loutrel, Compression spring washer, appeal filed Jan. 6, 1938, C. C. A., 3d Cir., Doc. 6672, *National Lock Washer Co.* v. *G. K. Garrett Co., Inc.*

1,660,579, J. Roth, Drill attachment, filed June 6, 1938, D. C., S. D. N. Y., Doc. E 87/128, *J. Roth et al.* v. *A. L. Kiesler et al.*

1,694,205, R. N. Chipman, Weed killer and method of killing weeds, appeal filed Dec. 28, 1937, C. C. A., 3d Cir., Doc. 6664, *Chipman Chemical Engineering Co., Inc.*, v. *Reade Mfg. Co.*

1,707,545, E. C. Wente, Acoustic device, D. C. Minn. (Minneapolis), Doc. E 2806, *Western Electric Co., Inc., et al.* v. *Cinema Supplies, Inc.* Consent decree for plaintiff, injunction June 10, 1938.

1,709,709, R. T. Brizzolara, Device for producing ice cubes, appeal filed Feb. 14, 1938, C. C. A., 3d Cir., Doc. 6703, *J. A. Martocello Co.* v. *Coolerator Co.*

1,730,873, L. Barnett, Electric attachment fitting, filed June 13, 1938, D. C., S. D. N. Y., Doc. E 87/164, *L. Barnett* v. *Electro-Motive Mfg. Co.*

1,734,624, H. C. Harrison, Piston diaphragm having tangential corrugations, D. C. Minn. (Minneapolis), Doc. E 2805, *Western Electric Co., Inc.*, v. *Cinema Supplies, Inc.* Consent decree for plaintiff, injunction June 10, 1938.

1,781,834, L. F. D'Autremont, Stencil sheet, D. C., S. D. N. Y., Doc. E 83/271, *Profilm Corp.* v. *L. Post.* Dismissed for lack of prosecution (notice June 7, 1938).

1,808,967, S. Plumley, Cutting torch, D. C., W. D. Pa., Doc. E 3157, *Smith Welding Equipment Corp. et al.* v. *D. A. Marra (National Torch Tip & Machine Co.).* Dismissed without prejudice on plaintiff's motion (notice June 4, 1938).

1,830,768, I. M. Rod, Art of making garments, D. C., S. D. N. Y., Doc. E 83/111, *Rokap Corp.* v. *Lee Mont Clothes, Inc.* Dismissed for lack of prosecution (notice June 7, 1938).

1,854,660, E. G. Martin, Tile roof construction, filed June 2, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1397-J, *T. D. Corcoran et al.* v. *A. H. Riness et al.*

1,862,710, Silverman & Constantine, Jewelry construction, D. C., S. D. N. Y., Doc. E 71/82, *Heller & Co.* v. *Simson Bros., Inc., et al.* Dismissed for invalidity of all claims (notice June 16, 1938).

1,866,463, M. Grossman, Combination necktie and handkerchief display folder, D. C., S. D. N. Y., Doc. E 79/42, *M. Grossman (Combination Folder Co.)* v. *Berger-Gorin Dress Co.* Dismissed for lack of prosecution (notice June 7, 1938).

1,866,779, H. F. Snyder, Washing machine, appeal filed June 18, 1938, C. C. A., 8th Cir., Doc. 11234, *General Electric Supply Corp.* v. *The Maytag Co.*

1,880,844, G. H. Curtiss, Road vehicle body structure, filed June 7, 1938, D. C., E. D. Pa., Doc. 10019, *Curtiss Aerocar Co., Inc.*, v. *Fleetwings, Inc.*

1,945,734, H. R. Cullmer, Door lock and framing, D. C., S. D. N. Y., Doc. E 79/192, *H. R. Cullmer* v. *505 W. 162 Street Realty Corp.* Doc. E 79/193, *H. R. Cullmer* v. *520 W. 163 Street Realty Corp.* Doc. E 79/194, *H. R. Cullmer* v. *Silverman, Paley & Sternberg, Inc.* Dismissed for lack of prosecution (notice June 7, 1938), in each of above cases.

1,946,317, H. G. Hall, Shoe and foot normalizer, appeal filed June 15, 1938, C. C. A., 2d Cir., Doc. 16097, *H. G. Hall et al.* v. *Selby Shoe Co. et al.*

1,948,510, Corcoran & Wolff, Tile tying runner, filed June 2, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1396-C, *T. D. Corcoran et al.* v. *A. H. Riness et al.*

1,953,566, L. D. Peik, Blasting machine, appeal filed Jan. 26, 1938, C. C. A., 3d Cir., Doc. 6684, *Pittsburgh Forgings Co. et al.* v. *American Foundry Equipment Co.*

1,965,876, W. I. Bettis, Applicator for elastic rings, D. C., S. D. Calif., C. Div., Doc. E 1260-H, *Patterson-Ballagh Corp., Ltd.*, v. *Bettis Rubber Co., Ltd., et al.* Patent held valid and infringed; injunction June 13, 1938.

1,967,221, Allen & Hartley, Printing plate and holding means, filed June 13, 1938, D. C., S. D. N. Y., Doc. E 87/163, *Addressograph-Multigraph Corp.* v. *E. Cooper (Alumo Co.).*

1,968,008, Chapman & Littleford, Concentration of minerals, appeal filed June 29, 1937, C. C. A., 3d Cir., Doc. 6498, *Southern Phosphate Corp.* v. *Phosphate Recovery Corp.*

1,969,307, C. A. Kaufman, Hosiery and the manufacture thereof, appeal filed Sept. 22, 1937, C. C. A., 3d Cir., Doc. 6573, *J. Kayser Co. et al.* v. *Rosedale Knitting Co.*

1,969,878, M. G. Dumas, Cooking utensil, suit for declaratory judgment filed June 18, 1938, D. C., S. D. N. Y., Doc. E 87/172, *International Appliance Corp. et al.* v. *M. G. S. Mfg. Corp.*

1,973,277, A. R. Barfield, Electro-acoustic translating device, D. C. Md., Doc. E 2432, *G. G. Cromartie et al.* v. *Montgomery Ward & Co.* Consent order dismissing bill May 16, 1938.

1,985,678, L. T. Hand, Superfold paper tape, D. C., S. D. N. Y., Doc. E 85/22, *Morsegraph, Inc.*, v. *The Associated Press et al.* Dismissed without prejudice (notice June 20, 1938).

1,987,386, H. W. Christie, Gas burner, D. C., N. D. Okla. (Tulsa), Doc. E 1214, *H. W. Christie* v. *Worthington Machinery Corp. of Okla. et al.* Dismissed without prejudice June 16, 1938.

1,993,705, I. Kirschenbaum, Coat, D. C., S. D. N. Y., Doc. E 83/165, *Rough Wear Clothing Co., Inc.*, v. *Excelled Sheepskin & Leather Coat Co., Inc.* Dismissed (notice June 7, 1938).

1,995,187, Lind & Feigenbaum, Collar, neckband, or other garment part, C. C. A., 2d Cir., Doc. —, *Aero Neck-Band & Collar Co., Inc., et al.* v. *Beaver Mfg. Co., Inc., et al.* Decree reversed (notice June 6, 1938).

2,002,240, W. M. Emery, Ironing press, D. C., N. D. Ohio (Cleveland), Doc. E 5615, *W. M. Emery* v. *The General Electric Co. et al.* Dismissed May 23, 1938.

2,003,376, A. B. Lesmeister, Ring, brooch pin, bracelet, and the like, D. C., S. D. Ohio, W. Div., Doc. E 1036, *C. W. Elford et al.* v. *L. Chickering et al. (Photo Movette Ring Co.).* Consent decree finding patent valid and infringed June 3, 1938.

2,005,361, Rollins & Dobbs, Cap, D. C., S. D. N. Y., Doc. E 83/245, *G. D. Rollins* v. *Best & Co., Inc.* Dismissed for lack of prosecution (notice June 7, 1938).

2,011,795, W. Caplin, Shoulder strap, filed June 20, 1938, D. C., S. D. N. Y., Doc. E 87/174, *Aronson-Caplin Co., Inc.*, v. *Strainproof Slip Corp.*

2,014,988, Schechter & Hedeman, Flexible tube and coupling, D. C., S. D. N. Y., Doc. E 81/339, *American Cooler Co., Inc.*, v. *Joss Equipment & Service Corp.* Dismissed without prejudice (notice June 16, 1938).

2,020,271, R. J. Winsor, Road working machine, D. C., W. D. Pa., Doc. E 3231, *The Galion Iron Works & Mfg. Co.* v. *Beckwith Machinery Co.* Claims 11, 13, 14, 15, 16, 19, 20, 21, 22, 24, 26, 28, 29, 30, and 31 held not infringed June 13, 1938.

2,041,332, H. Golden, Flashlight holding device, appeal filed Oct. 28, 1937, C. C. A., 3d Cir., Doc. 6607, *Magna Products Corp.* v. *Board Auto Supply Co.*

2,054,591, H. W. Beall, Machine for marking fabric, filed June 22, 1938, D. C., N. D. Ga. (Rome), Doc. 133, *Polly Prentiss, Inc., et al.* v. *W. E. Dellinger.*

2,068,079, F. Schwartz, Lamp, D. C., S. D. N. Y., Doc. E 85/129, *Tri-Lite Corp. of America* v. *R. H. Macy & Co., Inc.* Dismissed without prejudice (notice June 16, 1938).

2,070,356, K. A. Christy, Method of cutting hair, filed June 20, 1938, D. C., W. D. Wash., N. Div., Doc. 1221, *K. A. Christy* v. *H. Siegelman et al.*

2,085,500, J. H. James, Treatment of oxygen derivatives of hydrocarbons in which aliphatic hydrocarbons predominate, suit for declaratory judgment filed June 9, 1938, D. C., S. D. N. Y., Doc. E 87/30, *E. I. du Pont de Nemours & Co.* v. *C. P. Byrnes.*

2,095,223, A. O. Samuels, Fan, filed June 9, 1938, D. C., S. D. N. Y., Doc. E 87/152, *Samson-United Corp.* v. *H. I. Emanuel (Midtown Electric Supply Co.).*

2,102,462, T. L. Howell, Hanger, suit for declaratory judgment filed June 17, 1938, D. C., S. D. N. Y., Doc. E 87/169, *Silvray Lighting, Inc.*, v. *K. Versen et al.*

2,104,879, G. Lindsey, Refrigerating device, notice filed June 6, 1938, D. C., S. D. Fla. (Jacksonville), Doc. E 881–J, *G. Lindsey* v. *H. C. Brown.*

2,113,556, H. H. de Rocher, Disc plow, D. C., W. D. Wash., N. Div., Doc. 1217, *Electric Steel Foundry* v. *Western Steel Casting Co., Inc.* Dismissed June 6, 1938.

Re. 17,624, K. Schroter, Hard metal alloy and process of making same, D. C., E. D. Mich. (Detroit), Doc. 5486, *General Electric Co. et al.* v. *I. Yassenoff et al.* Decree for plaintiff June 13, 1938.

Re. 18,074, H. Weinrub, Control for knitting machines, D. C., S. D. N. Y., Doc. E 81/49, *I. Weinrub* v. *J. Ravitsky.* Dismissed without prejudice (notice June 2, 1938). Doc. E 81/50, *I. Weinrub* v. *Superior Curtain Co., Inc.* Decree as above. Doc. E 81/55, *I. Weinrub* v. *La France Trimming Co., Inc.* Dismissed for lack of prosecution (notice June 8, 1938).

Re. 19,079, P. Kollsman, Altimeter, D. C., E. D. N. Y., Doc. E 8265, *P. Koffsman et al.* v. *Pioneer Instrument Co., Inc., et al.* Decree for defendant dismissing bill June 6, 1938.

Re. 20,713, H. H. Hoke, Jr., Coin controlled machine, filed June 6, 1938, District Court, District of Columbia, Doc. 67340, *H. H. Hoke, Jr.*, v. *J. R. Sears.*

Des. 87,097, J. J. Klecka, Finger ring, filed May 31, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4271–S, *J. R. Wood & Sons, Inc.*, v. *C. M. Sanford et al.* Same, filed June 17, 1938, D. C. R. I., Doc. E 596, *J. R. Wood & Sons, Inc.*, v. *Ideal Jewelry Mfg. Co., Inc.*

Des. 91,735, D. W. Price, Dress, D. C., S. D. N. Y., Doc. E 79/57, *Price-Schlesinger, Inc.*, v. *Ace High Dresses, Inc.* Dismissed for lack of prosecution (notice June 7, 1938).

Des. 93,311, I. Weinrub, Curtain, D. C., S. D. N. Y., Doc. E 79/113, *I. Weinrub* v. *J. Heidenberg.* Dismissed for lack of prosecution (notice June 7, 1938).

Des. 94,821, W. Freedman, Blouse, D. C., S. D. N. Y., Doc. E 80/133, *Irving Kemp, Inc.*, v. *Dainty Blouse, Inc.* Dismissed for lack of prosecution (notice June 8, 1938).

Des. 98,609, M. A. Pecora, Milk bottle, filed June 7, 1938, D. C., M. D. Pa., Doc. 1336, *M. A. Pecora et al.* v. *Modern Sanitary Dairies of Pa., Inc.*

Des. 98,815, A. Sisselman, Coat, D. C., S. D. N. Y., Doc. E 82/335, *A. Sisselman* v. *H. Lefkowitz.* Dismissed for lack of prosecution (notice June 8, 1938).

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,943,602, E. H. Harrison, Steam vat for creamery use, decided May 31, 1938, claims 1, 2, 3, and 4.

Pat. 1,961,273, H. R. Williams, Wrapping machine, decided June 27, 1938, claims 1, 2, 25, 26, and 27.

Pat. 2,060,897, E. C. Richardson and M. J. Vittengl, Apparatus for impregnating non-woven fabrics, decided July 16, 1938, claim 1.

Disclaimers

1,957,449.—*Drue M. Evans* and *William C. Dorsett*, Texas City, Tex. PURIFICATION OF HYDROCARBON OILS. Patent dated May 8, 1934. Disclaimer filed July 8, 1938, by the assignee, *Petroleum Conversion Corporation.*

Hereby enters this disclaimer of claims 3 and 4 of said Letters Patent.

T. M. 267,119.—*L. Bamberger & Co.*, Newark, N. J. WOMEN'S DRESSES, COATS, HOSIERY, AND UNDERWEAR OF KNITTED, NETTED, AND TEXTILE FABRICS. Registered February 11, 1930. Disclaimer filed July 15, 1938, by the registrant.

Hereby disclaims from said registration women's dresses and coats.

TRADE-MARKS

OFFICIAL GAZETTE, AUGUST 9, 1938

[VOL. 493. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 400,694. THE ILLINOIS CLAY PRODUCTS COMPANY, Joliet, Ill. Filed Dec. 10, 1937.

NA CLAY

No claim is made to the word "Clay" apart from the mark shown.

For Materials Comprising Treated Clay Used in the Preparation of Fluids Used in Drilling Wells and the Like.

Claims use since May 15, 1937.

Ser. No. 401,786. PACIFIC CUT STONE AND GRANITE COMPANY, Alhambra, Calif. Filed Jan. 11, 1938.

BLACK DIAMOND ◆ GRANITE

No claim is made to the words "Black" or "Diamond" or "Granite" apart from the mark shown.

For Granite.

Claims use since Jan. 1, 1924.

Ser. No. 405,244. FRIESCHE COÖPERATIEVE ZUIVEL-EXPORT-VEREENIGING, Leeuwarden, Netherlands. Filed Apr. 14, 1938.



For Casein.

Claims use since November, 1925.

Ser. No. 406,774. CHARLES L. PIERCE, INC., New York, N. Y. Filed May 26, 1938.

HOBBY GRAIN

The descriptive word "Grain" is disclaimed apart from the mark as shown.

For Partly-Prepared and Finished Leathers.

Claims use since June 1, 1937.

CLASS 2

Receptacles

Ser. No. 403,944. FULTON BAG & COTTON MILLS, Atlanta, Ga. Filed Mar. 11, 1938.

Fulco X-tra-Life

The term "X-Tra-Life" is disclaimed apart from the mark shown.

For Ice Delivery Bags.

Claims use since Jan. 1, 1938.

Ser. No. 405,716. CASKIE PAPER CO. INC., Lynchburg, Va., and Charlotte, N. C. Filed Apr. 26, 1938.

SOUTHLAND

For Paper Bags.
Claims use since Feb. 1, 1936.

Ser. No. 407,000. OLD DOMINION BOX CO., INCORPORATED, Lynchburg, Va. Filed June 2, 1938.

Visitainer

For Paper Boxes and Folding Cartons.
Claims use since Jan. 1, 1938.

Ser. No. 407,190. R. H. MACY & CO., INC., New York, N. Y. Filed June 7, 1938.

CHATELAINE

For Garment Bags, Shoe Bags, Laundry Bags, Hampers, Baskets, Blanket Boxes, Hat Boxes, Make-Up Boxes, Powder Boxes, Cleansing Tissue Boxes.
Claims use since Feb. 28, 1938.

Ser. No. 407,199. REYNOLDS METALS COMPANY, Richmond, Va. Filed June 7, 1938.

WINDOSEAL

For Metal Foil and Paper Secondary Closures for Bottles.
Claims use since Apr. 29, 1938.

Ser. No. 407,457. ANAEROID SALES CORPORATION, Denver, Colo. Filed June 14, 1938.

ANAEROID

For Milk Cans, Cream Cans, Milk Containers and Lids Therefor and the Like for Use by Dairies and Creameries.
Claims use since June 7, 1938.

Ser. No. 407,581. ANAEROID SALES CORPORATION, Denver, Colo. Filed June 17, 1938.

ANSA

For Milk Cans, Cream Cans, Milk Containers and Lids Therefor and the Like for Use by Dairies and Creameries.
Claims use since June 7, 1938.

Ser. No. 407,683. ORCHARD PAPER CO., St. Louis, Mo. Filed June 20, 1938.

TWEEDMOOR

For Paper Bags.
Claims use since Mar. 15, 1938.

Ser. No. 407,684. ORCHARD PAPER CO., St. Louis, Mo. Filed June 20, 1938.

WOODCOTE

For Paper Bags.
Claims use since Mar. 15, 1938.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 388,966. MAX E. WESTERMAN, doing business as Westerman Manufacturing Co., New York, N. Y. Filed Feb. 15, 1937.

WESTCO

For Leather Goods—Namely, Bill Folds, Wallets.
Claims use since Sept. 1, 1931.

Ser. No. 403,463. NEW REXBILT LEATHER GOODS CORP., New York, N. Y. Filed Feb. 26, 1938.

IRONSIDES

For Brief Cases, Brief Case Envelopes, Portfolios, Catalog Cases, Secretarial Cases, Insurance Leather Cases, Satchels, Correspondence Brief Cases, Brief Bags, Suit Cases, and Sample Cases.
Claims use since Jan. 25, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 396,180. MAX W. CAMPBELL, doing business as Lor-el Scientific Essential Laboratories, Maywood, Calif. Filed Aug. 9, 1937.



For Mechanics' Soap.
Claims use since December, 1931.

Ser. No. 404,785. TEX-ITE PRODUCTS CORPORATION, Brooklyn, N. Y. Filed Apr. 1, 1938.

TEX-ITE

For Dry and Liquid Cleaning, Cleansing, and Detergent Preparations for Household and Industrial Use.
Claims use since Sept. 1, 1926.

Ser. No. 405,533. UNITED CHEMICAL COMPANY, INC., Kansas City, Mo. Filed Apr. 20, 1938.

U-SEE

For Preparation for Cleaning and Polishing Windows.
Claims use since March, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 398,221. TABLE ROCK LABORATORIES, Greenville, S. C. Filed Oct. 6, 1937.

CITHAL

For Preparation in Capsule Form for the Treatment of Hypertension, Arteriosclerosis, Angina Pectoris, and Other Vasomotor Disturbances.
Claims use since Sept. 1, 1937.

Ser. No. 399,155. JULIUS I. SCHULTZ, doing business as The Brillon Hair Remedies Company, Detroit, Mich. Filed Oct. 30, 1937.



The portrait shown on the drawing is fanciful and not that of any living person.
For Liquid Soap, Particularly for Use as a Shampoo.
Claims use since Aug. 24, 1937.

Ser. No. 402,254. THE ERASMIC COMPANY, LIMITED, Warrington, England. Filed Jan. 24, 1938.



No claim is made to the word "London" apart from the mark shown.
For Lavender Water, Bath Salts, and Toilet Powder.
Claims use since June 4, 1925.

Ser. No. 403,753. CENTRAL SPECIALTY CO., INC., Kansas City, Mo. Filed Mar. 7, 1938.

DeFleuro

For Scented Deodorant.
Claims use since Feb. 28, 1937.

Ser. No. 404,314. R. L. JENKINS, Russellville, Ark. Filed Mar. 21, 1938.

DAN-IZE

For Preparations in Liquid and Ointment Form for Relief of Dandruff.
Claims use since Jan. 24, 1938.

Ser. No. 404,673. "CHINOIN" GYÓGYSZER ÉS VEGYÉSZETI TERMÉKEK GYÁRA RÉSZVÉNYTÁRSASÁG, (DR. KERESZTY & DR. WOLF), Ujpest, Hungary. Filed Mar. 30, 1938.

MEDOBIS

For Medicines, Chemical and Pharmaceutical Products for Human and Veterinary Use—Namely, a Stable Oily Solution of the Bismuth Salt of Heptadiencarboxylic Acid, for Use in Intra-Muscular Injections.
Claims use since Jan. 25, 1935.

Ser. No. 404,883. AYERST, MCKENNA & HARRISON (UNITED STATES) LIMITED, Rouses Point, N. Y. Filed Apr. 5, 1938.

ANTEX

For Follicle-Stimulating Hormone Preparation Obtained from the Blood of Pregnant Mares for Use in the Treatment of Amenorrhoea, Cryptorchidism, Hypo-Gonadism, and Certain Cases of Sterility.
Claims use since Mar. 22, 1938.

Ser. No. 405,483. CALIFORNIA PERFUME COMPANY, INC., New York, N. Y. Filed Apr. 20, 1938.

SONNET

For Perfumes and Face Powder.
Claims use since Apr. 8, 1938.

Ser. No. 406,850. PHYSICIANS AND HOSPITALS SUPPLY COMPANY, INC., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Filed May 26, 1938.

CERADINE

The drawing is lined for the color red.
For Medicinal Preparation—Namely, an Organic Iodine Inunction.
Claims use since Jan. 1, 1915.

Ser. No. 406,982. MAE'S PRODUCTS COMPANY, Los Angeles, Calif. Filed June 1, 1938.

Mae's

For Preparation Used for the Treatment of Asthma; Preparation Used in the Treatment of Hay Fever and Nasal Catarrh; a Vegetable Oil Preparation Used as a Wrinkle Eradicator and for Skin Roughness.
Claims use since Apr. 7, 1938.

Ser. No. 407,285. HERMAN D. SEEKAMP, St. Louis, Mo. Filed June 9, 1938.

Sinu-Vita

For Preparation for the Treatment of Sinus Infection and Hay Fever.
Claims use since Jan. 23, 1932.

Ser. No. 407,464. WILLIAM E. MANLOVE, doing business as Manlove's Laboratories, Norfolk, Va. Filed June 14, 1938.

Manlove's
S-P-K
for
Headaches
SPEEDY-PLEASANT-KIND
MANLOVE'S LABORATORIES

The drawing is lined for the color blue. The words "For Headaches" "Speedy—Pleasant—Kind" are disclaimed apart from the mark.
For Preparation for Headaches, Neuralgia, Colds, and Fever.
Claims use since May 19, 1938.

Ser. No. 407,778. WAIN'S LABORATORY, INC., Hollywood, Calif. Filed June 22, 1938.

WAIN'S

For Pharmaceutical Preparations—Viz., Compound for Relief From Paroxysms of Bronchial Asthma or Bronchial Coughs; Capsules for the Relief of Attacks of Bronchial Asthma or Bronchial Coughs; Nose and Throat Spray to Check Excessive Secretions Associated With Hay-Fever, and for the Relief of Nasal Congestion.
Claims use since Jan. 1, 1935.

Ser. No. 407,798. PEARL DOGSEND, Pittsburgh, Pa. Filed June 23, 1938.

S-N-W

For Pressing Oil for Hair and for Hair Grower.
Claims use since May 1, 1930.

Ser. No. 407,883. ROBESON PROCESS COMPANY, New York, N. Y. Filed June 24, 1938.

ROBSOCO

For Compositions Both in Liquid and Powdered Form for Tanning Extract.
Claims use since June 15, 1938.

Ser. No. 407,897. CLOVERSET FLOWER FARM, Kansas City, Mo. Filed June 25, 1938.

CLOTRACIDE

For Insecticides.
Claims use since Jan. 2, 1937.

Ser. No. 407,902. THE HART PRODUCTS CORPORATION, New York, N. Y. Filed June 25, 1938.

HYMOLIT

For Wetting and Moistening Preparations, Finishing Preparations, Smoothing Preparations, Tanning Preparations, Thread and Fibre Penetrating Preparations, and Thread and Fibre Protecting Preparations.
Claims use since Jan. 30, 1936.

Ser. No. 407,974. G. W. CARNRICK CO., Newark, N. J. Filed June 28, 1938.

ESTRAPROPIN

For Standardized Estrogenic Hormone Ester Preparation for Use in Menstrual Disorders.
Claims use since June 22, 1938.

Ser. No. 407,975. G. W. CARNRICK CO., Newark, N. J., Filed June 28, 1938.

PROPADIOL

For Standardized Estrogenic Hormone Ester Preparation for Use in Menstrual Disorders.
Claims use since June 20, 1938.

Ser. No. 407,998. THE TRADE LABORATORIES, INC., Newark, N. J. Filed June 28, 1938.

Pro-dent

For Dental Cream.
Claims use since Feb. 14, 1935.

Ser. No. 408,101. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 1, 1938.

HPC Sticker

No claim is made to the word "Sticker" apart from the mark shown.
For Chemical Compounds Used in Insecticides and Fungicides.
Claims use since June 24, 1938.

Ser. No. 408,189. GUS H. FRENCH, doing business as French Laboratories, Minneapolis, Minn. Filed July 5, 1938.



For Mosquito Repellant and Insecticide.
Claims use since Apr. 27, 1938.

Ser. No. 408,238. ENDO PRODUCTS, INC., New York, N. Y. Filed July 6, 1938.

GOBROMOL

For Preparation Used to Treat Colds and Bronchitis.
Claims use since May 1, 1938.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 406,025. MECHANICAL LABORATORIES, INC., Pittsburgh, Pa. Filed May 5, 1938.

FRE-O-NIC

For Cigarette Holders Adapted to be Placed in the Mouth of the User and Nicotine-Removing Filters to be Placed in Such Holders.
Claims use since Apr. 19, 1938.

Ser. No. 406,813. EDWARD A. KLINE, JR., doing business as Chivalry Studios, New York, N. Y. Filed May 27, 1938.



For Smokers' Articles—To Wit, Humidors, Ash Trays and Cigarette Cases.
Claims use since Apr. 1, 1938.

CLASS 12

Construction Materials

Ser. No. 405,929. KEASBEY & MATTISON COMPANY, Ambler, Pa. Filed May 2, 1938.

MIN-SURF

For Roofing Materials Comprising Asbestos-Cement Roofing Sold in Rolled Form, Asphalt Rolled Roofings, and Composition Shingles.
Claims use since Mar. 1, 1938.

Ser. No. 405,936. C. J. REINECKE LUMBER COMPANY, INC., St. Louis, Mo. Filed May 2, 1938.



No claim is made to the word "Lumber" apart from the mark shown.
For Lumber.
Claims use since Dec. 1, 1927.

Ser. No. 406,316. WHEELER OSGOOD SALES CORPORATION, Tacoma, Wash. Filed May 13, 1938.

All-Weather
LAMINEX

The words "All-Weather" are disclaimed apart from the mark shown.
For Resin Bonded Plywood.
Claims use since November, 1938.

Ser. No. 406,922. F. I. PRODUCTS CO., St. Paul, Minn. Filed May 31, 1938.

SiFo

For Fibrous Roofing and Shingles, Sheathing, and Thermal Insulating Materials.
Claims use since May 25, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 401,851. CROWN FASTENER CORPORATION, Warren, R. I. Filed Jan. 13, 1938.

IRIS

For Separable Slide Fasteners.
Claims use since Dec. 1, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 407,952. THE LINCOLN ELECTRIC COMPANY, Cleveland, Ohio. Filed June 27, 1938.

"Abrasoweld"

For Metallic Welding Electrodes.
Claims use since Jan. 22, 1935.

CLASS 15

Oils and Greases

Ser. No. 405,530. SUNSET OIL COMPANY, Los Angeles, Calif. Filed Apr. 20, 1938.

SUNLUBE

For Motor Fuel Oils.
Claims use since January, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 406,123. DONALD DURHAM COMPANY, Des Moines, Iowa. Filed May 9, 1938.

NATIONAL HARD-WEAR WAX

The words "Hard-Wear Wax" are disclaimed apart from the mark.
For Wax—Namely, Prepared Paste Wax, Powdered Dance Wax, Prepared Liquid Wax, and Self-Polishing Liquid Wax, for Floors, Furniture, and Automobiles.
Claims use since Mar. 30, 1938.

Ser. No. 406,678. THE H. B. DAVIS CO., Baltimore, Md. Filed May 24, 1938.

TINT-O-LITE

No claim is made to the word "Tint" apart from the mark.
For Dry Paste Form and Ready-Mixed Paints and Paint Enamels for Interior Uses.
Claims use since Feb. 15, 1938.

CLASS 17

Tobacco Products

Ser. No. 403,603. JOHN MIDDLETON, INC., Philadelphia, Pa. Filed Mar. 2, 1938.



The name "John Middleton" is the autographical signature of John Middleton, now deceased, the predecessor and founder of applicant's business in 1856. The drawing is lined for red and white. No claim is made for the words "Mixture—A Blend" apart from the mark as shown.
For Smoking Tobacco.
Claims use since June 13, 1935.

Ser. No. 405,666. J. S. PINKUSSOHN CIGAR COMPANY, Charleston and Columbia, S. C., and Savannah, Ga. Filed Apr. 23, 1938.

PINKUSSOHN'S POTPOURRI

Applicant disclaims the name "Pinkussohn's" apart from the mark.
For Smoking Tobacco.
Claims use since May 1, 1903.

Ser. No. 407,151. KO WAH LUM, San Francisco, Calif. Filed June 6, 1938.



For Cigarettes.
Claims use since Apr. 30, 1938.

CLASS 20

Linoleum and Oiled Cloth

Ser. No. 407,538. CONGOLEUM-NAIRN INC., Kearny, N. J. Filed June 16, 1938.



The drawing is lined to indicate blue.
For Felt Base Rugs and Floor Covering.
Claims use since Jan. 8, 1938.

CLASS 21

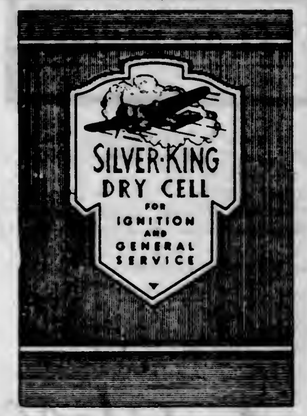
Electrical Apparatus, Machines, and Supplies

Ser. No. 394,977. CERTIFIED ELECTRIC & MFG. CO., Chicago, Ill. Filed July 8, 1937.

STOCKMASTER

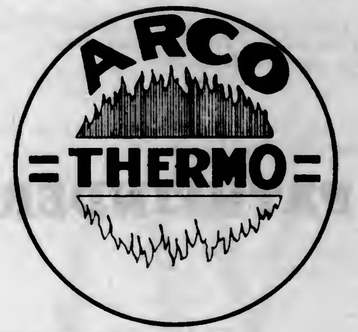
For Electric Fence Controllers for Controlling the Electric Current Supply to Fences or Fence Wire.
Claims use since June 19, 1937.

Ser. No. 399,844. MCCRORY STORES CORPORATION, New York, N. Y. Filed Nov. 17, 1937.



The drawing is lined for blue, red, and silver. The words "Dry Cell for Ignition and General Service" are disclaimed apart from the mark.
For Dry Cell and Flashlite Batteries.
Claims use since Sept. 16, 1937.

Ser. No. 401,170. AMERICAN RADIATOR COMPANY, New York, N. Y. Filed Dec. 23, 1937.



The drawing is lined for red.
For Electrical Relays.
Claims use since Mar. 15, 1935.

Ser. No. 401,639. FRANK C. REILLY, New York, N. Y. Filed Jan. 4, 1938.

"ZEPHYR"

For Electric Flat Irons.
Claims use since Nov. 1, 1937.

Ser. No. 405,061. EMPIRE ELECTRIC BRAKE CORPORATION, Dover, Del. Filed Apr. 9, 1938.

MAGDRAULIC

For Electro-Magnetic Apparatus—Namely, Electromagnets, and Armatures for the Same.
Claims use since Feb. 2, 1938.

Ser. No. 405,621. JULES STRAUSS & CO., INC., New York, N. Y. Filed Apr. 22, 1938.

TELAD-VISION

No claim is made to the exclusive use of the words "Trade Mark" and the representation of the name plate apart from the mark shown.
For Electrical Apparatus Used to Display a Sequence of Show Cards and Pictures Synchronized with Talking Apparatus Equipped with an Amplifier for Advertising Purposes.
Claims use since Apr. 12, 1938.

Ser. No. 406,384. JUBILEE MANUFACTURING COMPANY, Omaha, Nebr. Filed May 16, 1938.

Jubilee

For Motor Vehicle Accessories—Namely, Electric Fan Motors and Electric Traffic Warning Horns.
Claims use since May 1, 1914.

Ser. No. 406,704. AUTO RADIATOR MANUFACTURING CO., Chicago, Ill. Filed May 25, 1938.

PATHFINDER

For Electric Fog Lamps.
Claims use since Apr. 13, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 400,799. KENNETH SMITH, Lenexa, Kans. Filed Dec. 13, 1937.

ARMORING

For Golf Clubs and Parts Thereof.
Claims use since Nov. 22, 1937.

Ser. No. 404,545. PULP PRODUCTS COMPANY, INC., New York, N. Y. Filed Mar. 26, 1938.

Star - Spangl

For Toys Including Objects Made Substantially of Non-Shatterable Fibrous Material in the Shape of Dogs, Bears, Rabbits, Cats, Ducks, Chickens and Other Animal-Like Forms; Santa Claus, Clowns, Witches, Satan, and Other Human-Like, or Fanciful Animate-Like Forms; Pumpkins, Eggs, Trees, Cones, Lanterns, Spheres, Bells, Paint Chests, Palettes, Houses, Banks, and Other Common Three Dimensional Forms, and the Like, Said Objects Being Useful for Decorations and Ornaments in Addition to Their Usefulness per se for the Amusement of Children.
Claims use since Feb. 26, 1938.

Ser. No. 404,814. IRA D. MALBROUGH, JR., doing business as Great Lakes Golf Ball Company, Chicago, Ill. Filed Apr. 2, 1938.

PRO-CLICK

For Golf Balls.
Claims use since March, 1936.

Ser. No. 405,384. DONALD F. DUNCAN, INC., Chicago, Ill. Filed Apr. 18, 1938.

DOUBLE HEADER

For Top.
Claims use since Jan. 26, 1938.

Ser. No. 405,517. PEARSON, MAGHIELSE & BUTTRICK, INC., Grand Rapids, Mich. Filed Apr. 20, 1938.

KAPPER

For Games, Played with Movable Pieces.
Claims use since Dec. 1, 1937.

Ser. No. 407,260. FRANK H. CAVIONAC-ASSOCIATES, Glendale, Long Island, N. Y. Filed June 9, 1938.

AMERICAN - ACE

The word "American" is disclaimed apart from the mark as shown.
For Golf Balls.
Claims use since May 2, 1938.

Ser. No. 407,446. SKI SPECIALTY MANUFACTURING COMPANY, New York, N. Y. Filed June 13, 1938.

UNIVERSAL MASTER SKI

The drawing is lined for the color red. No claim is made to the word "Ski".
For Skis.
Claims use since Mar. 20, 1938.

Ser. No. 407,870. THE MACGREGOR COMPANY, Dayton, Ohio. Filed June 24, 1938.

MASTER

For Golf Clubs and Golf Balls.
Claims use since Apr. 12, 1915.

Ser. No. 407,977. THE FEDERAL RUBBER COMPANY, Chicago, Ill., and Chicopee Falls, Mass. Filed June 28, 1938.

SAFTI-RIDE

For Golf Balls.
Claims use since June 15, 1938.

Ser. No. 407,978. THE FISK RUBBER CORPORATION, Chicopee Falls, Mass. Filed June 28, 1938.

SAFTI-FLIGHT

For Golf Balls.
Claims use since May 19, 1938.

Ser. No. 408,042. ARKANSAS FUEL OIL COMPANY, Shreveport, La. Filed June 30, 1938.

ACME

For Golf Balls.
Claims use since July, 1935.

Ser. No. 408,126. NEWSON & BILLS, Salt Lake City, Utah. Filed July 1, 1938.

BUKAROO

For Playroom or Playground Equipment—Namely, Swinging, Rocking, or Bucking Devices.
Claims use since June 1, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 402,060. THE GARDEN HOSE SPRAY COMPANY, INCORPORATED, Cambridge, Mass. Filed Jan. 18, 1938.

Armeld

The representation of the goods is disclaimed apart from the mark as shown.
For Insecticide Spray Guns Attachable to Garden Hose.
Claims use since Nov. 1, 1937.

Ser. No. 403,176. HAYES FILE COMPANY, Detroit, Mich. Filed Feb. 18, 1938. Under 10-year proviso.

HAYES FILE CO SINCE 1870

For Files, Rasps, Burrs, Rotary Files, Scrapers, File Discs, Reamers, Rifflers, Burnishers, File Cards and Brushes, File Holders, and File Handles.
Claims use since 1870.

Ser. No. 404,428. BLACKBURN AIRCRAFT LIMITED, Brough, England. Filed Mar. 24, 1938.

CIRRUS

Applicant appears owner of U. S. trade-mark registrations Ct. No. 228,392, issued May 31, 1927, and Ct. No. 253,484, issued Feb. 26, 1929.
For Aircraft Engines.
Claims use since Nov. 3, 1924.

Ser. No. 404,714. IDEAL ROLLER & MANUFACTURING COMPANY, Chicago, Ill. Filed Mar. 31, 1938.

O-X

For Resilient Rollers Adapted for Use in Machines for Printing, Liquid Transferring, Conveying, Feeding, Pressing, and the Like.
Claims use since November, 1936.

Ser. No. 404,793. BOYLE MANUFACTURING COMPANY, INC., Los Angeles, Calif. Filed Apr. 2, 1938.



Applicant disclaims the term "Los Angeles" as shown in the drawing. The portrait is not that of a living person.

For Farm and Garden Tools—Namely, Rakes, Forks, Scrapers, Cultivators, Cutters, Weeders, Edgers, Shovels, Spades, Floral Sets, Handles, Hoes, Hooks, Trowels, Tampers, Rollers, Trimmers.

Claims use since Jan. 14, 1935.

Ser. No. 405,403. NATIONAL TWIST DRILL & TOOL CO., Detroit, Mich. Filed Apr. 18, 1938.

NATIONAL

For Twist Drills, Twist Drill Bits, Reamers, Milling Cutters, Counterbores, and Hobs.

Claims use since Nov. 3, 1903, on twist drills, twist drill bits, reamers, milling cutters, and counterbores; and since January, 1921, on hobs.

Ser. No. 405,844. FITCHBURG SCREEN PLATE COMPANY, INC., Fitchburg, Mass. Filed Apr. 29, 1938.

DUPLEX

For Screen Plates for Use in the Manufacture of Paper.

Claims use since May 14, 1937.

Ser. No. 406,630. BONIS BROS. FUR MACHINERY CORPORATION, New York, N. Y. Filed May 23, 1938.



Applicant disclaims the expression "Never Stop" apart from the mark shown.

For Fur Sewing Machines.

Claims use since May 2, 1938.

Ser. No. 406,832. ABE SILVERMAN, doing business as General Wire Spring Company, Pittsburgh, Pa. Filed May 27, 1938.

FLEXICORE

For Closet and Drain Augers.

Claims use since Jan. 11, 1938.

Ser. No. 406,835. WILLIAM H. TAYLOR, doing business as The Heat-Flow Valve Company, Cleveland, Ohio. Filed May 27, 1938.



The drawing is lined for the colors red and yellow.

For Valves for Internal Combustion Engines.

Claims use since June, 1935.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 391,539. MCCLELLAND EQUIPMENT CO. INC., Detroit, Mich. Filed Apr. 19, 1937.



All wording on the drawing except the words "Lionized" and "King of Them All" is disclaimed apart from the mark shown.

For Balancing Weights, Camber Gauges, Spring Pad Caster Gauges, King Pin Gauges, Turning Radius Gauges, Axle Level Gauges, Spindle and Steering Cross Shaft Gauges, Centralized Steering Gauges, Toe-In Gauges, and Wheel Balancers.

Claims use since July 15, 1936.

Ser. No. 403,778. MODERN TALKING PICTURE SERVICE, INC., New York, N. Y. Filed Mar. 7, 1938.



No claim is made to the words "Any Time" and "Any Place" apart from the other features of the mark.

For Motion Pictures and Motion Picture Films, Which Have Records of Sound, Words, and/or Music Thereon, and Motion Picture Films Adapted for Synchronization with Sound, Words, and/or Music Records.

Claims use since September, 1935.

Ser. No. 404,004. INTERCONTINENTAL MARKETING CORPORATION, New York, N. Y. Filed Mar. 12, 1938.



For Photographic Goods—Namely, Cameras, Camera Parts, Finders, Distance Meters, Range Finders, Exposure Meters, Color Filters With and Without Mountings, Auxiliary Lenses, Automatic Releases, Cases, Tripods, Enlarging Apparatus, Projection Apparatus, Printing Apparatus, Cutting Machines, Film Spools, Film Slides, Lenses, Camera Shutters, Carrying Straps, Stereo-Auxiliaries, Stereo-Viewers, Lens Caps, Solar Diaphragms, Developing Apparatus, Viewing Lenses and Apparatus for Determining the Depth of Focus Tables, Thermometers for Photographic Developing Tanks, Clocks (Electric and Spring) for Determining Time Intervals or for Steering Photo Apparatus, Electrical Equipment Used in Connection with Flash Bulbs or Synchronizers, Flash Gun Units (Synchronizers), Film Winding Devices, Sensitized Film, Developing Trays, Dark Room Supplies.

Claims use since Jan. 29, 1938.

Ser. No. 406,546. BRENKERT LIGHT PROJECTION COMPANY, Detroit, Mich. Filed May 20, 1938.

ECONARC

For Projection Lamps.

Claims use since May 2, 1938.

Ser. No. 406,564. PHOTO UTILITIES, INC., New York, N. Y. Filed May 20, 1938.

CINEXPO

For Exposure Meters for Use in Photography.

Claims use since May 6, 1938.

CLASS 27

Horological Instruments

Ser. No. 405,331. ZELL BROTHERS INC., Portland, Oreg. Filed Apr. 15, 1938.

"TURTLE"

For Watches.

Claims use since Feb. 14, 1938.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 406,782. SHIMAN BROS. & CO., INC., New York, N. Y. Filed May 26, 1938.

APPLE BLOSSOM

For Finger Rings.

Claims use since May 20, 1938.

Ser. No. 406,895. WEIDLICH STERLING SPOON CO., Bridgeport, Conn. Filed May 28, 1938.



For Table Silver-Ware—Namely, Flat-Ware and Hollow-Ware.

Claims use since Apr. 5, 1938.

Ser. No. 407,385. ONEIDA LTD., Sherrill and Oneida, N. Y., and Northampton, Mass. Filed June 11, 1938.

RENDEZVOUS

For Silver Plated Hollowware.

Claims use since May 11, 1938.

Ser. No. 407,621. COHN & ROSENBERGER, INC., New York, N. Y. Filed June 18, 1938.

QUINTETTE

For Necklaces and **Bracelets**, Finger Rings, Earrings, Jewelry Clips, Brooches, Lockets, and the Following Goods Made in Whole or in Part of Precious Metal or Plated With the Same; **Beads**, Pins, Hat Ornaments, Hair Ornaments, Holders for Face Powder Compacts, Comb Cases, Cigarette Cases, Fancy Cigarette Boxes, Fancy Buckles, and Jewelry Initials.
Claims use since May 10, 1938.

CLASS 31

Filters and Refrigerators

Ser. No. 407,657. CARDOX CORPORATION, Chicago, Ill. Filed June 20, 1938.

CARDOX

For Bulk Pressure Storage Systems Each Including an Insulated Storage Container for Liquids and Their Vapors, Such as Carbon Dioxide, With Means for Effecting Refrigeration of the Contents of the Container to Effect Control of the Vapor Pressure.
Claims use since May 6, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 401,847. THE BREWER-TITCHENER CORPORATION, Cortland, N. Y. Filed Jan. 13, 1938.

Hostess

For Tables—Namely, Folding Card Tables, Folding Banquet Tables, and Folding Benches.
Claims use since Feb. 7, 1929.

Ser. No. 407,420. BRIDGE TABLES AND NOVELTIES, INC., Lowell, Mass. Filed June 13, 1938.

Topper Products

Applicant disclaims the word "Products".
For Bridge Tables, Coffee Tables, End Tables, Tilt Top Tables, Trays; Folding, Dressing, Draft, and Counter Screens, and Furniture Novelties.
Claims use since June 9, 1938.

Ser. No. 407,692. CHARLES P. ROGERS & CO. INC., New York, N. Y. Filed June 20, 1938.

THE WESTPOINTER

For Mattresses.
Claims use since June 6, 1938.

Ser. No. 407,821. SAGINAW FURNITURE SHOPS, Chicago, Ill. Filed June 23, 1938.

FUTIQUE

For Wooden Furniture Comprising Dressers, Beds, Tables, Chairs, Dresser Mirrors, Vanities, Vanity Mirrors, Dressing Tables, Dressing Table Mirrors, Chests, Highboys, Chests on Chests, Commodes, Consoles, Benches, Dining Room Chairs, Cellarettes, Occasional Tables, Nite Stands, Bed Side Tables, Slipper Chests, Pier Cabinets, Toilet Tables, Powder Tables, Desks, Dining Room Tables, Buffets, Side Boards, Corner Cabinets, Break Front China Cabinets, China Cabinets, Drop Leaf Tables, Tilt Top Tables, Coffee Tables, and Radio Cabinets.
Claims use since May 1, 1938.

Ser. No. 408,271. ESTEE BEDDING COMPANY, Chicago, Ill. Filed July 7, 1938.



For Mattresses, Studio Couches and Bed Springs.
Claims use since June 7, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 408,043. ARKANSAS FUEL OIL COMPANY, Shreveport, La. Filed June 30, 1938.

ACME

For Tires, Tubes, and Accessories Comprising Tire Repair Boots, Rubber Rim Strips or Flaps, Tube Repair Kits (Cold Patch), Tube Repair Patches Built in Combination With Fuel for Vulcanizing by Heat, and Fan Belts.
Claims use since July, 1929.

CLASS 36

Musical Instruments and Supplies

Ser. No. 403,426. SIR ORLANDO RECORDING CO. INC., Charleston, W. Va. Filed Feb. 25, 1938.



For Phonograph Records.
Claims use since Feb. 1, 1938.

Ser. No. 404,976. AMERICAN RAWHIDE MANUFACTURING COMPANY, Chicago, Ill. Filed Apr. 7, 1938.

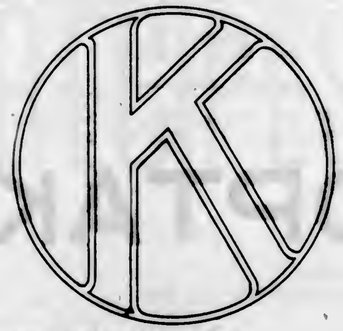
AMRAWCO

For Drum and Banjo Heads.
Claims use since June 12, 1934.

CLASS 37

Paper and Stationery

Ser. No. 401,114. KIWANIS INTERNATIONAL, Chicago, Ill. Filed Dec. 21, 1937.



For Paper Weights and Book Ends.
Claims use since Dec. 1, 1926.

Ser. No. 402,418. EUGENE DIETZGEN CO., Chicago, Ill. Filed Jan. 28, 1938.

EXCELLO

For Drafting Materials and Supplies for the Production and Reproduction of Prints, Drawings and the Like—Namely, Drawing Paper, Tracing Paper.
Claims use since Jan. 1, 1924.

Ser. No. 403,472. THE SMEAD MANUFACTURING COMPANY, Hastings, Minn. Filed Feb. 26, 1938.

SMEAD'S TELL VISION SYSTEM

The name "Smead's" and the words "Vision System" are disclaimed apart from the mark.
For Filing Pockets, Expanding Wallets, File Folders, Index Guides, Filing Envelopes, Mailing Envelopes, Visible Record Sheets, Index Cards, Memorandum Sheets, Loose Leaf Sheets, and Loose Leaf Index Tabs.
Claims use since June 15, 1933.

Ser. No. 404,072. RUSSELL A. BROWNING, SR., Rosiclare, Ill. Filed Mar. 14, 1938.

MEMO-BLOT

For Writing Pads Combined with Blotters.
Claims use since Dec. 15, 1937.

Ser. No. 404,244. BEE-KO COMPANY, INCORPORATED, New York, N. Y. Filed Mar. 19, 1938.

ATHENA

For Wood Cased Pencils.
Claims use since Mar. 11, 1938.

Ser. No. 405,792. DANAHY-FAXON STORES, INC., Buffalo, N. Y. Filed Apr. 27, 1938.

CAUL-A-DAY

For Coupon or Certificate Paper and Other Stationery.
Claims use since Sept. 28, 1936.

Ser. No. 406,429. NATIONAL CELLULOSE CORPORATION, New York, N. Y. Filed May 17, 1938.

CELLOCLOTH

For Paper Polishing Tissues.
Claims use since May 5, 1938.

Ser. No. 407,102. MENASHA PRODUCTS COMPANY, Menasha, Wis. Filed June 4, 1938.

HOSTESS NAPKITS

For Paper Napkins.
Claims use since Apr. 18, 1938.

Ser. No. 407,361. CARPENTER PAPER COMPANY, Omaha, Nebr. Filed June 11, 1938.

Pen-Ease

For Note Book Fillers and School Papers.
Claims use since Mar. 15, 1938.

CLASS 38

Prints and Publications

Ser. No. 389,502. COUNTRY PRESS, INC., Greenwich, Conn. Filed Mar. 1, 1937.

TRUE COMPLETE REAL
MYSTIC
CONFESSIONS

For Magazines Published Every Month.
Claims use since Jan. 26, 1937.

Ser. No. 394,361. MOTOR TRUCK CLUB OF MASSACHUSETTS, INC., Boston, Mass. Filed June 17, 1937.

MODERN
TRANSPORTATION

For Periodical Published Monthly.
Claims use since January, 1934.

Ser. No. 395,761. THE McBEE COMPANY, Athens, Ohio. Filed July 29, 1937.

WAXSPOT

For Books, Booklets, Pamphlets.
Claims use since December, 1931.

Ser. No. 398,608. HENRY SECKER BROCKNER, Vancouver, British Columbia, Canada. Filed Oct. 18, 1937.

ORDEX

For Metallic Pointer-Fitted Charts for Use in Silent Ordering of Pointed Indicated Quantities of Deliverable Articles Named Thereon.
Claims use since May 3, 1937.

Ser. No. 401,805. FRED D. ROWLETT, Muncie, Ind. Filed Jan. 12, 1938.



All wording except the word "Auction" appearing upon the drawing is disclaimed apart from the mark shown.
For Printed Trading Certificates.
Claims use since December, 1937.

Ser. No. 402,580. VINCENT A. SULLIVAN, New York, N. Y. Filed Feb. 1, 1938.

THE DUKE

For Comic Strips and Cartoons.
Claims use since May 12, 1937.

Ser. No. 403,761. ESQUIRE FEATURES, INC., Chicago, Ill. Filed Mar. 7, 1938.

BOY ADVISES GIRL

For Newspaper Column Published in a Continuing Series.
Claims use since Sept. 15, 1937.

Ser. No. 405,496. ROSE GILBERT, New York, N. Y. Filed Apr. 20, 1938.



All wording except "Minilabs" appearing on the drawing is disclaimed.
For Photographic Prints.
Claims use since Mar. 15, 1938.

Ser. No. 405,827. EDWARD STERN & COMPANY, INCORPORATED, Philadelphia, Pa. Filed Apr. 28, 1938.

OPTAK

For Booklets.
Claims use since Mar. 18, 1938.

Ser. No. 405,846. THE HIGLEY PRINTING CO., Butler, Ind. Filed Apr. 29, 1938.



For Religious Booklet.
Claims use since Mar. 30, 1937.

Ser. No. 406,277. EUGENE NELSON BEARD, Washington, D. C. Filed May 13, 1938.

HOUSE & HOME Magazine

No claim is made to the word "Magazine" apart from the mark shown.
For Magazine.
Claims use since May 1, 1938.

Ser. No. 406,579. CHICAGO ELECTRICAL NEWS, INC., Chicago, Ill. Filed May 21, 1938.

CENTRAL ELECTRICAL NEWS

For Title for a Periodical Publication.
Claims use since May 14, 1938.

Ser. No. 406,668. ELCO PRINTING & ADVERTISING CO., Philadelphia, Pa. Filed May 21, 1938.

MONEY RECIPES

For Monthly Publication.
Claims use since May 16, 1938.

Ser. No. 406,971. GRAPHIC ARTS PUBLISHING CO., Chicago, Ill. Filed June 1, 1938.

Graphic Arts
MONTHLY
and Printing Industry

For Periodical.
Claims use since January, 1938.

Ser. No. 407,030. POOR'S PUBLISHING COMPANY, Wellesley, Mass. Filed June 2, 1938.

FINANCIAL
POOR'S
REPORTS

No claim is made to the exclusive right to the words "Financial Reports" apart from the mark shown.
For Publications i. e., Manuals, Pamphlets and Letters Used from Time to Time and Containing Information Relating Generally to Stocks, Bonds and Conditions Affecting the Same.
Claims use since Feb. 15, 1934.

Ser. No. 407,283. REAL GARDENING, INC., New Canaan, Conn. Filed June 9, 1938.

REAL GARDENING

For Monthly Magazine Devoted to Gardening.
Claims use since Apr. 25, 1938.

Ser. No. 407,543. HEARST MAGAZINES, INC., New York, N. Y. Filed June 16, 1938.

The BRIDE'S HOUSE

For Magazine Department Published Yearly.
Claims use since Apr. 30, 1934.

CLASS 39

Clothing

Ser. No. 394,340. METROPOLITAN SHOEMAKERS, INC., Chicago, Ill. Filed June 21, 1937.

De La Mar
fashion-footwear
CRAFTED IN CHICAGO

Applicant disclaims the right to the exclusive use of the words "Fashion, Footwear" and "Crafted in Chicago".
For Men's, Women's and Children's Shoes, Made of Leather, Canvas, Fabric, or Composition, or Combinations Thereof.
Claims use since May 1, 1937.

Ser. No. 402,667. CORT SHOES, INC., Cleveland, Ohio. Filed Feb. 3, 1938.

SARATOGA
PEAK VALUE

Applicant hereby disclaims the right to the exclusive use of the words "Saratoga" and "Peak Value" except in the relation and association shown.

For Men's, Women's and Children's Shoes, Made of Leather, Fabric, Rubber, or Any Combination of One or More of Said Materials.

Claims use since March, 1936.

Ser. No. 403,757. CRADDOCK TERRY COMPANY, Lynchburg, Va. Filed Mar. 7, 1938.

Charm Tone

No claim is made to the word "Tone" apart from the mark as shown.

For Women's Shoes Made of Leather, and Fabric, and of Combinations Thereof.

Claims use since July 9, 1929.

Ser. No. 405,321. THE SELBY SHOE CO., Portsmouth, Ohio. Filed Apr. 15, 1938.

ARCH
POISE

For Shoes of Leather and Fabric, and a Combination of These Materials.

Claims use since June 1, 1937.

Ser. No. 405,343. CAPSON HAT CO., INC., Fall River, Mass. Filed Apr. 16, 1938.

WHISPER WEIGHT

The word "Weight" is disclaimed except as shown.

For Men's Hats.

Claims use since Nov. 4, 1937.

Ser. No. 406,490. A. S. BECK SHOE CORPORATION, New York, N. Y. Filed May 19, 1938.

Pep-Steps
FOR EASY
WALKING

No claim is made to the exclusive use of the notation "For Easy Walking" apart from the mark shown.

For Men's and Women's Shoes and Slippers Made of Leather and/or Fabric or Mixtures of These Materials.

Claims use since May 11, 1938.

Ser. No. 406,607. BONWIT TELLER, INC., New York, N. Y. Filed May 21, 1938.



For Women's Hats.

Claims use since Apr. 12, 1938.

Ser. No. 406,709. FOWNES BROTHERS & CO. INC., New York, N. Y. Filed May 25, 1938.

MELOVA

For Leather and Fabric Gloves.

Claims use since May 7, 1938.

Ser. No. 406,788. RICHARD VAN LIER, INC., St. Louis, Mo. Filed May 26, 1938.

VANEL

For Men's and Boys' Straw, Felt (Wool and Fur), and Cloth Hats and Caps.

Claims use since Apr. 1, 1938.

Ser. No. 406,792. WEYENBERG SHOE MANUFACTURING COMPANY, doing business as Portage Shoe Manufacturing Co., Milwaukee, Wis. Filed May 26, 1938.

PORTO-PED

For Men's Leather Shoes.

Claims use since Apr. 8, 1938.

Ser. No. 406,891. THE SUPERB GLOVE CO., Johnstown, N. Y. Filed May 28, 1938.

SUPERLAV

For Men's and Women's Leather Gloves.

Claims use since Feb. 1, 1937.

Ser. No. 407,084. A. S. BECK SHOE CORPORATION, New York, N. Y. Filed June 4, 1938.

Culture-Poise

For Men's and Women's Shoes and Slippers Made of Leather and/or Fabric or Mixtures of These Materials.

Claims use since May 19, 1938.

Ser. No. 407,100. R. H. MACY & CO., INC., New York, N. Y. Filed June 4, 1938.

Hussars

For Women's All Leather Shoes.

Claims use since Sept. 16, 1937.

Ser. No. 407,101. R. H. MACY & CO., INC., New York, N. Y. Filed June 4, 1938.

RAMPS

For Women's Shoes Made of Leather and Leather and Fabric.

Claims use since May 24, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 405,258. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Apr. 14, 1938.

"AIRLITE"

For Dress Shields.

Claims use since April, 1922.

Ser. No. 407,146. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed June 6, 1938.

PRUDENCE

For Dress Shields.

Claims use since July 14, 1932.

Ser. No. 407,147. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed June 6, 1938.

MODINE

For Dress Shields.

Claims use since July 28, 1932.

Ser. No. 407,484. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y. Filed June 15, 1938.

PACER

For Combs for the Hair.

Claims use since May 20, 1938.

Ser. No. 407,485. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y. Filed June 15, 1938.

RACER

For Combs for the Hair.

Claims use since May 20, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 404,697. ESMOND MILLS, New York, N. Y. Filed Mar. 31, 1938.



BUTTERFLY

For Blankets.

Claims use since Feb. 1, 1935.

Ser. No. 405,860. J. L. STIFEL & SONS, INC., Wheeling, W. Va. Filed Apr. 29, 1938.

DUROTEEN

For Cotton Piece Goods.

Claims use since Apr. 21, 1938.

Ser. No. 406,076. VELTEX KNITTING COMPANY, INC., Troy, N. Y. Filed May 6, 1938.

Electric

For Wash Cloths and Dish Cloths.

Claims use since May 1, 1937.

Ser. No. 406,247. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y. Filed May 12, 1938.

H&H

For Plushes in the Piece Made From Silk, Cotton, Wool, and/or Combinations Thereof.

Claims use since Sept. 2, 1937.

Ser. No. 406,248. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y. Filed May 12, 1938.

H&H H&H

Hudson Fabric

The words "Hudson Fabric" are disclaimed apart from the mark as shown.
For Plushes in the Piece Made of Silk, Cotton, Wool, and/or Combinations Thereof.
Claims use since Sept. 21, 1937.

Ser. No. 406,250. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y. Filed May 12, 1938.

Uralaine

For Plushes in the Piece Made of Silk, Cotton, Wool, and/or Combinations Thereof.
Claims use since Sept. 8, 1937.

Ser. No. 406,494. BURTON BROTHERS & CO., INC., New York, N. Y. Filed May 19, 1938.

BURTON'S
Timberline
CLOTH

No claim is made to the word "cloth" apart from the mark shown.
For Cotton Piece Goods.
The name "Burton's" has been in exclusive use by applicant and its predecessors since 1888.
Claims use since April, 1936.

Ser. No. 406,694. J. ROSENHOLZ INC., New York, N. Y. Filed May 24, 1938.

AROSEWOODFABRIC

The word "Fabric" is disclaimed apart from the mark as shown.
For Piece-Goods Made Wholly or in Part of Acetate, Rayon, Spun Rayon, and Silk.
Claims use since Sept. 1, 1928.

Ser. No. 406,722. LANKENAU CO., New York, N. Y. Filed May 25, 1938.

ALL VIRGIN WOOL
Kildaire Plaids

The descriptive words "All Virgin Wool" and "Plaids" are disclaimed apart from the mark as shown.
For Woolen and Worsted Piece Goods.
Claims use since Apr. 1, 1937.

Ser. No. 406,862. FINE ART PILLOW & SPECIALTIES CORPORATION, New York, N. Y. Filed May 28, 1938.

LULL-A-BABY

For High Chair Pads, Scale Pads, Play Yard Pads, Nursery Toilet Seat Ring Pads, All of Knitted or Textile Fabrics, Crib and Bed Mattress Covers, Comfort Covers, Mosquito Nets, and Children's Bedding Articles—Namely, Pillow Covers, Sheets, Spreads, and Blankets.
Claims use since Apr. 8, 1938.

Ser. No. 406,883. J. ROSENHOLZ INC., New York, N. Y. Filed May 28, 1938.

ROSELANE PRINTS

Applicant disclaims the word "Prints" apart from the mark as shown.
For Piece-Goods Made Wholly or in Part of Acetate, Rayon, Spun Rayon, and Silk.
Claims use since Dec. 11, 1928.

Ser. No. 407,067. THE MAY DEPARTMENT STORES COMPANY, St. Louis, Mo. Filed June 3, 1938.

SURETY

For Sheets, Pillow Cases, and Table Linens.
Claims use since 1926.

Ser. No. 407,076. MARTIN WEINER, doing business as Martin Weiner Co., New York, N. Y. Filed June 3, 1938.

DECK'N DOCK

For Textile Piece Goods of Rayon, Acetate and/or Silk.
Claims use since Apr. 30, 1938.

Ser. No. 407,367. CROMPTON COMPANY, West Warwick, R. I. Filed June 11, 1938.

CORD U REX

For Corduroy Fabrics in the Piece, Made of Cotton, Rayon, Silk, or Mixtures Thereof.
Claims use since May 20, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 407,108. R. R. OBER, Whittier, Calif. Filed June 4, 1938.

Bitrifrost

For Nonalcoholic Beverages Made from Fruit, Principally Citrus Fruit, and Sold as a Soft Drink.
Claims use since Sept. 4, 1931.

Ser. No. 407,746. THE FRED W. ALBRECHT GROCERY COMPANY, Akron, Ohio. Filed June 22, 1938.

FROSTY CIRCLE

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since May 4, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 396,704. JOHN M. WILSON, doing business as Meridian Grain & Elevator Co., Meridian, Miss. Filed Aug. 23, 1937.

BOOSTER

For Horse and Mule Feed, Corn Meal, Pearl or Corn Grits for Human Consumption, Dairy Feed, Laying Mash.
Claims use since Dec. 2, 1922.

Ser. No. 396,940. VAN CAMP SEA FOOD CO. INC., Terminal Island, Calif. Filed Aug. 30, 1937.

SEA-PEP

For Refined Fish Oils for Human Use as Ingredient for Salad Dressings or Other Foods; Fish Meal as a Health Ration for Human Beings; Fish Oil and Fish Meal Used as a Health Ration for Poultry, Live Stock and Dogs or Other Carnivorous Animals.
Claims use since Aug. 14, 1937.

Ser. No. 399,234. THE HUBINGER CO., Keokuk, Iowa. Filed Nov. 2, 1937.

Bee-Sweet

No claim is made to the word "Sweet" apart from the mark shown.
For Table Syrup.
Claims use since Oct. 11, 1937.

Ser. No. 400,160. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Nov. 26, 1937.

Soyagrain

No claim is made to the phrase "soya" apart from the mark as shown.
For Coarsely Ground Non-Dusting Soybean Flour.
Claims use since Mar. 18, 1937.

Ser. No. 401,310. JOE LOWE CORPORATION, New York, N. Y. Filed Dec. 28, 1937.

JO-LO

For Frozen Confections and Fruit Syrups for Food Purposes.
Claims use since Dec. 7, 1937.

Ser. No. 402,093. ITALIAN COOPERATIVE GROCERS, Detroit, Mich. Filed Jan. 19, 1938.

MARCONI



The portrait is that of Guglielmo Marconi, a deceased Italian scientist.

For Macaroni, Wheat Flour.

Claims use since Dec. 11, 1937.

Ser. No. 403,663. SALVO & BERDON CANDY CO., Natchez, Miss. Filed Mar. 3, 1938.

Rosalie

For Candy.

Claims use since October, 1933.

Ser. No. 403,706. POPPER GRAY & CO., INC., New York, N. Y. Filed Mar. 4, 1938.

EIFFEL TOWER

For Cheese.

Claims use since January, 1918.

Ser. No. 405,237. ATLAS CANNING COMPANY, INC., Glendale, Brooklyn, N. Y. Filed Apr. 14, 1938.

SMOOTHY



For Canned Food for Dogs, Cats and Carnivorous Animals.

Claims use since Nov. 1, 1936.

Ser. No. 405,245. FRIESCHE COÖPERATEVE ZUIVEL-EXPORT-VEREENIGING, Leeuwarden, Netherlands. Filed Apr. 14, 1938.



For Butter, Cheese, Milk Powder, Buttermilk Powder, and Whey Powder.

Claims use since Jan. 19, 1899.

Ser. No. 405,740. B. F. SHEESLEY & SON, Harrisburg, Pa. Filed Apr. 26, 1938.



The drawing is lined for red, but no particular color is claimed.

For Poultry, Dairy, Hog and Live Stock Feeds, Mixed Feeds and Feed Ingredients for Poultry and Live Stock, viz., Chick Starter, Turkey Starter, Chick Scratch Feed, Intermediate Scratch Feed, Broiler Mash, Laying Mash, Growing and Finishing Mash, Growing Mash, 32% Grain Supplement, and 35% Grain Supplement for Poultry; and Pig Meal, Sugared Hog Feed, 40% Hog Supplement, Calf Pellets, Special 20% Sweet Dairy Feed, Sweet 16% Dairy Feed, Sweet 20% Dairy Feed, Sweet 24% Dairy Feed, Sweet 32% Dairy Feed, Dry and Freshening Cow Feed, and Crushed Oats for Live Stock.

Claims use since Mar. 1, 1938.

Ser. No. 406,313. F. G. VOGT & SONS, INCORPORATED, Philadelphia, Pa. Filed May 13, 1938.

Triple-Tender

No claim is made for the word "Tender" apart from the mark shown.

For Ham and Picnic Ham.

Claims use since February, 1938.

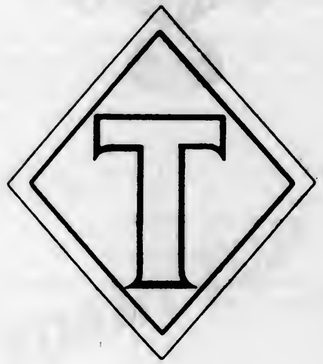
Ser. No. 406,455. LARX COMPANY, INCORPORATED, Minneapolis, Minn. Filed May 18, 1938.

GRO

For Concentrated Food Product High in Vitamins for Making a Milk Beverage.

Claims use since Apr. 26, 1938.

Ser. No. 406,607. JOSE R. TOLIBIA, New York, N. Y. Filed May 24, 1938.



No claim is made to the outline of the label apart from the mark shown.

For Cheese.

Claims use since April, 1937.

Ser. No. 406,804. FRUITY FREEZE CORPORATION, Chicago, Ill. Filed May 27, 1938.

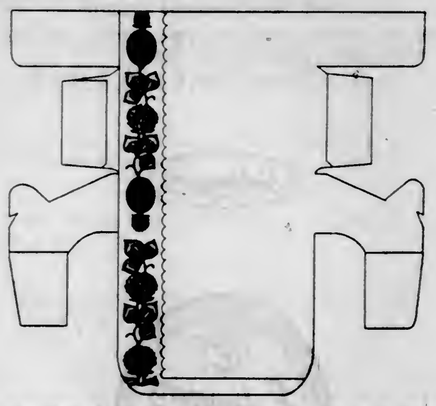


The expressions "Fruity" and "5¢" are disclaimed apart from the mark shown.

For Chilled and Frozen Fruit Confection.

Claims use since Apr. 29, 1938.

Ser. No. 407,041. SWIFT AND COMPANY, Chicago, Ill. Filed June 2, 1938.

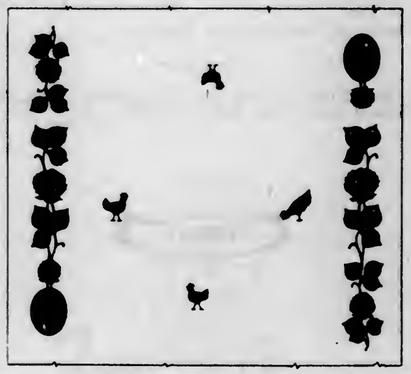


No claim is made to the representation of a carton apart from the mark shown.

For Process Cheese Food Mixture Composed of Fresh and Mature American Cheese Pasteurized with Added Cream, Moisture, Concentrated Cheese Whey, Skim Milk Solids, and Mineral and Organic Salts.

Claims use since Apr. 10, 1937.

Ser. No. 407,042. SWIFT AND COMPANY, Chicago, Ill. Filed June 2, 1938.



No claim is made to the representation of a carton apart from the mark shown.

For Eggs.

Claims use since Apr. 1, 1937.

CLASS 47

Wines

Ser. No. 406,868. LOMBARDI WINE COMPANY, Los Angeles, Calif. Filed May 28, 1938.

La Joya

For Wines.

Claims use since April, 1937.

CLASS 48

Malt Beverages and Liquors

Ser. No. 407,802. OTTO ERLANGER BREWING CO., Philadelphia, Pa. Filed June 23, 1938.

Erlanger's



For Beer.
Claims use since May 12, 1938.

Ser. No. 407,803. OTTO ERLANGER BREWING CO., Philadelphia, Pa. Filed June 23, 1938.

PERONE BEER



The words "Style" and "Beer" are disclaimed apart from their association with the other features of the mark. The outline of the label is also disclaimed. The drawing is lined for shading purposes only.
For Beer.
Claims use since June 10, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 394,886. JAS. BARCLAY & CO. LIMITED, Detroit, Mich., and Peoria, Ill. Filed July 6, 1937.



For Whiskey.
Claims use since Feb. 6, 1937.

Ser. No. 407,541. GREENBROS, INC., Cincinnati, Ohio. Filed June 16, 1938.

JED CLAYTON



For Whiskey, Gin, Rum, Brandy, Alcoholic Cordials and Cocktails.
Claims use since Jan. 17, 1938.

Ser. No. 408,113. LEROUX & CO., INC., Philadelphia, Pa. Filed July 1, 1938.



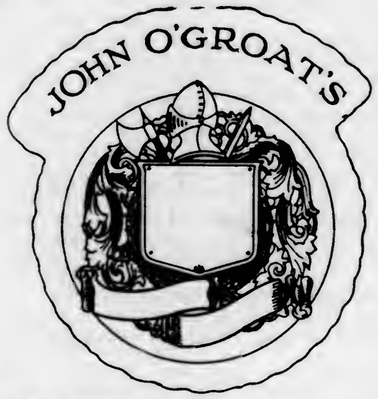
No claim is made to the representation of the label and all wording except "Foamy Top", the monogram and applicant's name, apart from the mark shown.
For Sloe Gin.
Claims use since Apr. 18, 1938.

Ser. No. 408,114. LEROUX & CO., INC., Philadelphia, Pa. Filed July 1, 1938.

FOAMY TOP

For Sloe Gin.
Claims use since Apr. 18, 1938.

Ser. No. 408,119. MCKESSON & ROBBINS, INC., New York, N. Y. Filed July 1, 1938.



For Scotch Whisky.
Claims use since 1919.

Ser. No. 408,133. RECORDS & GOLDSBOROUGH, INCORPORATED, Baltimore, Md. Filed July 1, 1938. Under 10-year proviso.

MELROSE PAY A LITTLE MORE DRINK A LITTLE LESS TREAT YOURSELF TO THE VERY BEST

For Whiskey, Gin, Brandy, and Alcoholic Cordials.
Claims use since 1875.

Ser. No. 408,141. WATHEN BROTHERS, Bardstown, Ky. Filed July 1, 1938.



The drawing is lined for the colors red and gold.
For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Feb. 24, 1938.

Ser. No. 408,214. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.



For Whiskey.
Claims use since Feb. 14, 1937.

Ser. No. 408,215. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.

OLD ARK

For Whiskey.
Claims use since July 7, 1935.

Ser. No. 408,216. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.

Royal Ninety

For Whiskey.
Claims use since July 16, 1936.

Ser. No. 408,217. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.



COLONEL DAN

For Whiskey.
Claims use since Nov. 5, 1936.

Ser. No. 408,218. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.

SUNRISE THREE STAR

For Whiskey and Brandy.
Claims use since Feb. 10, 1934.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 401,338. COLD SPRING GRANITE COMPANY, Cold Spring, Minn. Filed Dec. 29, 1937.

RAINBOW

For Stone Monuments, Markers, Tablets, Tombstones, Mausoleums, and Memorials.
Claims use since July 1, 1925.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

AUGUST 9, 1938

359,135. BARBERS' APRONS. ASSOCIATED DEVICES CORPORATION, Philadelphia, Pa.
Filed July 25, 1934. Serial No. 354,272. PUBLISHED MAY 24, 1938. Class 39.

359,136. BUILDING LATH. GUSTAVE E. WESTBERG, doing business as Buckle Proof Lath Co., Los Angeles, Calif.
Filed February 29, 1936. Serial No. 375,413. PUBLISHED MAY 31, 1938. Class 12.

359,137. ETHYLCHLORIDE USED FOR MEDICINAL PURPOSES, AND LUBRICATING JELLY USED FOR LUBRICATING SURGICAL INSTRUMENTS AND APPLIANCES. AMERICAN MEDICAL SPECIALTIES CO. INC., New York, N. Y.
Filed October 12, 1936. Serial No. 384,231. PUBLISHED MAY 24, 1938. Class 6.

359,138. ELECTRICALLY OPERATED UNITS INCLUDING A VOCAL ANNUNCIATOR COMBINED WITH AN AMPLIFYING REMOTE AURAL PICK-UP DEVICE. COMMUNICATION ENGINEERS, INC., Seattle, Wash.
Filed December 16, 1936. Serial No. 386,792. PUBLISHED SEPTEMBER 7, 1937. Class 21.

359,139. COCOA AND CHOCOLATE SYRUP FOR FOOD PURPOSES. LAMONT, CORLISS & COMPANY, New York, N. Y.
Filed December 24, 1936. Serial No. 387,135. PUBLISHED MAY 31, 1938. Class 46.

359,140. PREPARATION FOR THE RELIEF OF MENSTRUAL PAIN. MENSEZE COMPANY, INCORPORATED, Atlanta, Ga.
Filed March 2, 1937. Serial No. 389,564. PUBLISHED MAY 24, 1938. Class 6.

359,141. POTATOES IN THEIR NATURAL STATE NOT INCLUDING CANNED POTATOES. W. E. ANDERSON COMPANY, Greeley, Colo.
Filed March 13, 1937. Serial No. 390,016. PUBLISHED MAY 31, 1938. Class 46.

359,142. GLUES. I. F. LAUCKS, INC., Seattle, Wash.
Filed May 21, 1937. Serial No. 393,081. PUBLISHED JULY 13, 1937. Class 5.

359,143. [WITHDRAWN.]

359,144. NECKTIES. CLAIRE GOLDENBERG, New York, N. Y.
Filed June 11, 1937. Serial No. 393,945. PUBLISHED MAY 24, 1938. Class 39.

359,145. ELECTRIC POWER SUPPLY DEVICES OF THE TYPE USING A VIBRATORY SWITCH CURRENT INTERRUPTER TOGETHER WITH VOLTAGE TRANSFORMING MEANS TO CONVERT ELECTRIC ENERGY OF ONE VOLTAGE INTO ELECTRIC ENERGY OF ANOTHER VOLTAGE. P. R. MALLORY & CO., INC., Indianapolis, Ind.
Filed June 11, 1937. Serial No. 393,959. PUBLISHED NOVEMBER 30, 1937. Class 21.

359,146. OLIVE OIL. BERNARDINO JOSE BORGES, Lisbon, Portugal.
Filed July 12, 1937. Serial No. 395,121. PUBLISHED MAY 31, 1938. Class 46.

359,147. POTATO CHIPS. ALBERT BELSKIS, doing business as Yankee Food Prod. Co., Chicago, Ill.
Filed July 19, 1937. Serial No. 395,394. PUBLISHED MAY 31, 1938. Class 46.

359,148. MEDICAL CABINETS CONTAINING SURGICAL APPARATUS AND SYRINGES. SPIEGEL & SONS COMPANY, Dallas, Tex.
Filed July 29, 1937. Serial No. 395,773. PUBLISHED JUNE 7, 1938. Class 44.

359,149. FACE POWDER, ALMOND LOTION, COLD CREAM, WITCH HAZEL, SKIN NOURISHING CREAM, BRILLIANTINE, GLYCERINE AND ROSE WATER LOTION. GAMBLE STORES INCORPORATED, Minneapolis, Minn.
Filed August 13, 1937. Serial No. 396,358. PUBLISHED MAY 24, 1938. Class 6.

359,150. PRINTED MATTER PUBLISHED FROM TIME TO TIME—NAMELY, RECIPE BOOKS. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif.
Filed August 23, 1937. Serial No. 396,681. PUBLISHED MAY 31, 1938. Class 38.

359,151. ANTISEPTICS. ETABLISSEMENTS L. D. P. (LABORATOIRES DU PARAGERM ET DE PRODUITS CHIMIQUES), Neuilly-sur-Seine, France.
Filed September 2, 1937. Serial No. 397,027. PUBLISHED MAY 24, 1938. Class 6.

359,152. CANNED FISH. A/S TRONDHJEM CANNING AND EXPORT CO., Trondheim, Norway.
Filed September 20, 1937. Serial No. 397,565. PUBLISHED FEBRUARY 8, 1938. Class 46.

359,153. MONTHLY PUBLICATION DEVOTED TO ARTICLES OF GENERAL RELIGIOUS INTEREST. O. B. BOTTORFF, St. Louis, Mo.
Filed September 21, 1937. Serial No. 397,607. PUBLISHED MAY 24, 1938. Class 38.

359,154. BEDROOM, LIVING ROOM, DINING ROOM, AND DINETTE FURNITURE, ETC. MEIER & FRANK COMPANY, INC., Portland, Oreg.
Filed September 27, 1937. Serial No. 397,859. PUBLISHED JANUARY 18, 1938. Class 32.

359,155. TURNING TOOLS FOR METAL WORKING AND TURNING TOOL HOLDERS ADAPTED FOR USE ON LATHES. COMET TOOLS, INC., New York, N. Y.
Filed September 29, 1937. Serial No. 397,928. PUBLISHED FEBRUARY 8, 1938. Class 23.

359,156. MEDICAMENTS FOR TREATING SKIN DISEASES. FRANK A. HART, New York, N. Y.
Filed September 29, 1937. Serial No. 397,933. PUBLISHED MAY 24, 1938. Class 6.

359,157. HAIR DRESSINGS AND SHAMPOOS. THE WILLIAM A. WEBSTER CO., Memphis, Tenn.
Filed October 2, 1937. Serial No. 398,069. PUBLISHED MAY 24, 1938. Class 6.

359,158. YEAST, BAKING POWDER, DIETETIC FOODS CONSISTING OF OATS AND/OR BARLEY IN THE FORM OF OAT FLAKES, OAT GROATS, BARLEY FLOUR, FLAKES, AND GROATS, AND MALT. CENOVIS-WERKE G. M. B. H., Munich, Germany.
Filed October 7, 1937. Serial No. 398,236. PUBLISHED MAY 31, 1938. Class 46.

359,159. YEAST AND DIETETIC FOODSTUFFS WHICH CONSIST SUBSTANTIALLY OF YEAST AND/OR MALT EXTRACT. CENOVIS-WERKE G. M. B. H., Munich, Germany.
Filed October 7, 1937. Serial No. 398,237. PUBLISHED MAY 31, 1938. Class 46.

359,160. PORTLAND CEMENT. JADRANSKO ANONIMO DRUSTVO CEMENT PORTLAND, Solin by Split, Yugoslavia.
Filed October 19, 1937. Serial No. 398,682. PUBLISHED MAY 31, 1938. Class 12.

359,161. BOOK-ENDS. A. PALADINI & CO., New York, N. Y.
Filed November 1, 1937. Serial No. 399,199. PUBLISHED MAY 31, 1938. Class 32.

359,162. PENCIL LEADS. M. A. FERST, LTD., Atlanta, Ga.
Filed November 4, 1937. Serial No. 399,335. PUBLISHED MAY 31, 1938. Class 37.

359,163. ANTISEPTIC AID IN THE PREVENTION OF THE CONTRACTION OF DANDRUFF AND OTHER SCALP DISEASES FROM COMBS, BRUSHES, AND THE LIKE. DAVID LONDON, doing business as The Como-Cleen Company, Baltimore, Md.
Filed November 11, 1937. Serial No. 399,613. PUBLISHED MARCH 1, 1938. Class 6.

359,164. SOLUTIONS OF CELLULOSE DERIVATIVES—NAMELY, CELLULOSE ESTERS AND ETHERS, FOR PRINTING, FINISHING, DELUSTERING, AND/OR COATING TEXTILES, FABRIC, WOOD, METAL, ETC. ATLAS POWDER COMPANY, Wilmington, Del.
Filed November 18, 1937. Serial No. 399,875. PUBLISHED MAY 17, 1938. Class 6.

359,165. SEED CORN. PFISTER HYBRID CORN COMPANY, El Paso, Ill.
Filed November 18, 1937. Serial No. 399,896. PUBLISHED MAY 31, 1938. Class 1.

359,166. BAKING SODA, CREAM OF TARTAR, AND LAUNDRY BLUING. HONORCO, INC., Chicago, Ill.
Filed November 24, 1937. Serial No. 400,104. PUBLISHED JANUARY 4, 1938. Class 6.

359,167. MEN'S, WOMEN'S, AND CHILDREN'S HATS, MEN'S AND BOYS' OUTER SHIRTS, SPORT SHIRTS, SWIMMING SUITS, AND SWEATERS. THE MODE KNITTING MILLS, INC., Chicago, Ill.
Filed November 26, 1937. Serial No. 400,167. PUBLISHED MAY 24, 1938. Class 39.

359,168. RAZOR BLADES. JOSEPH JACOBS, New York, N. Y.
Filed November 30, 1937. Serial No. 400,304. PUBLISHED MAY 31, 1938. Class 23.

359,169. ILLUSTRATED MAGAZINE PUBLISHED FROM TIME TO TIME. PICTURE MAGAZINES, INC., New York, N. Y.
Filed December 1, 1937. Serial No. 400,353. PUBLISHED MAY 31, 1938. Class 38.

359,170. CLEANSING AND POLISHING POWDERS FOR HOUSEHOLD USE. "KLEENERS" PTY. LIMITED, Sydney, Australia.
Filed December 7, 1937. Serial No. 400,557. PUBLISHED MAY 31, 1938. Class 4.

359,171. HUMAN AND VETERINARY MEDICINES USED IN BACTERIAL INFECTIONS. MERCK & CO. INC., Rahway, N. J.
Filed December 8, 1937. Serial No. 400,606. PUBLISHED MAY 17, 1938. Class 6.

359,172. BITUMINOUS COAL. GALLOWAY COAL COMPANY, Memphis, Tenn.
Filed December 14, 1937. Serial No. 400,835. PUBLISHED MAY 31, 1938. Class 1.

359,173. HONEY. HANS HEINRICH SCHUMACHER, doing business as Bee Line Honey Co., Alhambra, Calif.
Filed December 23, 1937. Serial No. 401,198. PUBLISHED MAY 31, 1938. Class 46.

359,174. LADIES' WEARING APPAREL — NAMELY, COATS, DRESSES, AND SUITS. IRVING YAHR & CO., INC., New York, N. Y.
Filed December 27, 1937. Serial No. 401,325. PUBLISHED MAY 24, 1938. Class 39.

359,175. SYNTHETIC RESIN COMPOSITION IN POWDER OR NON-LIQUID FORM. CARLETON ELLIS, Montclair, N. J.
Filed December 30, 1937. Serial No. 401,377. PUBLISHED MAY 31, 1938. Class 1.

359,176. ALL OVER BODY LOTION. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill.
Filed December 31, 1937. Serial No. 401,424. PUBLISHED MAY 24, 1938. Class 6.

359,177. BAKERY INGREDIENTS CONSISTING OF A COMBINATION OF FLOUR AND OTHER INGREDIENTS WHICH IS USED AS A BASE FOR RAISED YEAST GOODS AND DANISH PASTRY. ELGIN FOODS, INCORPORATED, Elgin, Ill.
Filed January 3, 1938. Serial No. 401,475. PUBLISHED MAY 31, 1938. Class 46.

359,178. ADHESIVE IN PASTE FORM FOR USE IN SECURING PAPER LABELS AND THE LIKE TO GLASS, PLASTICS, PAPER, PORCELAIN, METAL, WOOD, RUBBER, PAINTED, VARNISHED, ENAMELED, AND OTHER SURFACES. THE FALES CHEMICAL COMPANY, INC., Cornwall Landing, N. Y.
Filed January 3, 1938. Serial No. 401,477. PUBLISHED MAY 31, 1938. Class 5.

359,179. ACETPHENETIDIN (ACETOPHENETIDINUM), ACID ACETYLSALICYLIC (ACIDUM ACETYLSALICYLICUM), ACID ARSENOUS (ARSENI TRIOXIDUM), ETC. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed January 5, 1938. Serial No. 401,577. PUBLISHED MAY 24, 1938. Class 6.

359,180. MAGAZINE SECTION AND A BOOKLET OR PAMPHLET PUBLISHED FROM TIME TO TIME. BAKELITE CORPORATION, New York, N. Y.
Filed January 6, 1938. Serial No. 401,595. PUBLISHED MAY 31, 1938. Class 38.

359,181. FRESH CITRUS FRUITS. BROWNSVILLE CITRUS ASSOCIATION, Brownsville, Tex.
Filed January 6, 1938. Serial No. 401,598. PUBLISHED MAY 31, 1938. Class 46.

359,182. FRESH CITRUS FRUIT. BROWNSVILLE CITRUS ASSOCIATION, Brownsville, Tex.
Filed January 6, 1938. Serial No. 401,599. PUBLISHED MAY 31, 1938. Class 46.

359,183. INSECTICIDE AND FUNGICIDE ESPECIALLY ADAPTED FOR TREATING SEED AND SOIL. ANDREW WILSON, INC., Springfield, N. J.
Filed January 12, 1938. Serial No. 401,842. PUBLISHED MAY 17, 1938. Class 6.

359,184. FEMININE HYGIENE PREPARATION. ADELAIDE J. HAWLEY, Hollywood, Calif.
Filed January 17, 1938. Serial No. 402,003. PUBLISHED MAY 24, 1938. Class 6.

359,185. PREPARATION FOR THE RELIEF OF SINUS INFECTIONS. DAVID T. TWEDDLE, doing business as House of Tweddle, Los Angeles, Calif.
Filed January 17, 1938. Serial No. 402,037. PUBLISHED MAY 24, 1938. Class 6.

359,186. SHOULDER PADS TO BE USED IN CLOTHING. FREYDBERG BROS., INC., Stamford, Conn.
Filed January 19, 1938. Serial No. 402,089. PUBLISHED MAY 24, 1938. Class 39.

359,187. CARBONATED BEVERAGE SOLD AS A SOFT DRINK. MARVIN RUSSELL & A. PEROCCO, Santa Barbara, Calif.
Filed January 19, 1938. Serial No. 402,102. PUBLISHED MAY 31, 1938. Class 45.

359,188. DOLLS. CHARLIE MCCARTHY, INC., New York, N. Y.
Filed January 20, 1938. Serial No. 402,131. PUBLISHED MAY 31, 1938. Class 22.

359,189. DOLLS. CHARLIE MCCARTHY, INC., New York, N. Y.
Filed January 20, 1938. Serial No. 402,132. PUBLISHED MAY 31, 1938. Class 22.

359,190. OVERALLS, UNDERSHIRTS, AND DRAWERS. RYAN EVERETS CO., New York, N. Y.
Filed January 21, 1938. Serial No. 402,203. PUBLISHED MAY 24, 1938. Class 39.

359,191. DOUGHNUTS. MCCRORY STORES CORPORATION, New York, N. Y.
Filed January 25, 1938. Serial No. 402,304. PUBLISHED MAY 31, 1938. Class 46.

359,192. PREPARATION FOR TREATING ATHLETE'S FOOT AND RING WORM. H. E. MATHENY, Charleston, W. Va.
Filed January 28, 1938. Serial No. 402,405. PUBLISHED MAY 17, 1938. Class 6.

359,193. PLASTIC DENTURE BASES, PLASTIC DENTAL REPAIR MATERIAL, AND PLASTIC DENTURE BLANKS. JOHN J. SITKIN, doing business as Dental Research Company, Los Angeles, Calif.
Filed January 28, 1938. Serial No. 402,448. PUBLISHED JUNE 7, 1938. Class 44.

359,194. LIQUID RUST ELIMINATOR AND PREVENTIVE FOR AUTOMOBILE RADIATORS. ROBERT M. SEARLES, doing business as Rust-O-Vac Company, Philadelphia, Pa.
Filed February 7, 1938. Serial No. 402,796. PUBLISHED MAY 24, 1938. Class 6.

359,195. ALTERATIVE FOOD SUPPLEMENT FOR ANIMALS, A COMPOUND SOLUTION OF IODINE WITH PROTEIN MATERIAL TO MAKE IT NON-IRRITATING AND READILY ASSIMILABLE. TYLER LABORATORIES, INC., Brooklyn, N. Y.
Filed February 7, 1938. Serial No. 402,800. PUBLISHED MAY 24, 1938. Class 6.

359,196. METAL CLAD THERMAL INSULATING AND WATERPROOFING MATERIALS FOR BUILDING PURPOSES. VEREINIGTE DEUTSCHE METALLWERKE AKTIENGESELLSCHAFT, Frankfort-on-the-Main-Heddernheim, Germany.
Filed February 7, 1938. Serial No. 402,804. PUBLISHED MAY 31, 1938. Class 12.

359,197. METALLIC THERMAL INSULATING AND WATERPROOFING MATERIAL FOR BUILDING PURPOSES. VEREINIGTE DEUTSCHE METALLWERKE AKTIENGESELLSCHAFT, Frankfort-on-the-Main-Heddernheim, Germany.
Filed February 8, 1938. Serial No. 402,831. PUBLISHED MAY 31, 1938. Class 12.

359,198. INGREDIENTS, BOTH IN LIQUID AND POWDER FORM, DESIGNED TO INHIBIT THE GROWTH OF MOLD AND BACTERIAL ORGANISMS IN FOODS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed February 9, 1938. Serial No. 402,887. PUBLISHED MAY 24, 1938. Class 6.

359,199. COAL. BELL & ZOLLER COAL COMPANY, Chicago, Ill.
Filed February 11, 1938. Serial No. 402,930. PUBLISHED MAY 31, 1938. Class 1.

359,200. THERMOSTATS FOR COOKING STOVES AND RANGES. GLENWOOD RANGE COMPANY, Taunton, Mass.
Filed February 15, 1938. Serial No. 403,040. PUBLISHED MAY 31, 1938. Class 26.

359,201. PERFUMES. PARFUMS REVILLON, Paris, France.
Filed February 15, 1938. Serial No. 403,056. PUBLISHED MAY 24, 1938. Class 6.

359,202. NEWSPAPER MAGAZINE SUPPLEMENT. PUBLICATION CORPORATION, New York, N. Y.
Filed February 15, 1938. Serial No. 403,058. PUBLISHED MAY 24, 1938. Class 38.

359,203. COAL. BELL & ZOLLER COAL COMPANY, Chicago, Ill.
Filed February 17, 1938. Serial No. 403,114. PUBLISHED MAY 31, 1938. Class 1.

359,204. SODIUM OR AMMONIUM ALGINATE PRODUCT FOR USE AS A THICKENING INGREDIENT OF PAINTS, PARTICULARLY COLD WATER PAINTS. KELCO COMPANY, San Diego, Calif.
Filed February 17, 1938. Serial No. 403,136. PUBLISHED MAY 31, 1938. Class 16.

359,205. PREPARATIONS FOR PERFUMING ROOMS, CLOSETS, AND THE LIKE. LENTHERIC, INCORPORATED, New York, N. Y.
Filed February 17, 1938. Serial No. 403,138. PUBLISHED MAY 24, 1938. Class 6.

359,206. DETERGENT AND CLEANSER IN POWDER AND TABLET FORM, HAVING INCIDENTAL WATER CONDITIONING PROPERTIES. THE PHOSPHATE MINING COMPANY, New York, N. Y.
Filed February 17, 1938. Serial No. 403,146. PUBLISHED MAY 31, 1938. Class 4.

359,207. WHISKIES, GINS, AND ALCOHOLIC CORDIALS. KRAUS BROS. & CO., INC., New York, N. Y.
Filed February 21, 1938. Serial No. 403,268. PUBLISHED MAY 31, 1938. Class 49.

359,208. BRASSIÈRES, GIRDLES, GARTER BELTS, FOUNDATIONS, AND CORSETS. TRE-ZUR BRASSIERE CO., INC., Los Angeles, Calif.
Filed February 22, 1938. Serial No. 403,290. PUBLISHED MAY 24, 1938. Class 39.

359,209. PRE-SHAVE LOTIONS IN THE NATURE OF BEARD SOFTENERS. THE SMOO MANUFACTURING COMPANY, LIMITED, Wrexham, North Wales.
Filed February 23, 1938. Serial No. 403,334. PUBLISHED MAY 31, 1938. Class 4.

359,210. NEWSPAPER COLUMN. CHICAGO TRIBUNE-NEW YORK NEWS SYNDICATE, INC., New York, N. Y.
Filed February 26, 1938. Serial No. 403,444. PUBLISHED MAY 24, 1938. Class 38.

359,211. ELECTRIC SIGNS AND DISPLAYS OF ALL KINDS, AND ELECTRICAL EQUIPMENT USED IN CONNECTION THEREWITH. GENERAL ANIMATED SIGNS LIMITED, Toronto, Ontario, Canada.
Filed February 28, 1938. Serial No. 403,497. PUBLISHED MAY 31, 1938. Class 21.

359,212. LIQUID WITH AN EPHEDRINE BASE FOR TREATMENT OF COLDS AND AFFECTIONS OF THE RESPIRATORY PASSAGES. ALBERT LANDRIN, Paris, France.
Filed February 28, 1938. Serial No. 403,510. PUBLISHED MAY 17, 1938. Class 6.

359,213. BLACK SHEET GUM FOR PATCHING, CUSHION GUM, AND RUBBER IN STRIP FORM FOR RETREADING TIRES. OLIVER TIRE & RUBBER COMPANY, Oakland, Calif.
Filed February 28, 1938. Serial No. 403,519. PUBLISHED MAY 31, 1938. Class 35.

359,214. ADVERTISING AND DECORATIVE PLACARDS COMPRISING PRINTED TRANSPARENT AND TRANSLUCENT SHEETS SOLD AS SUCH TO THE TRADE. POSTER PRODUCTS, INC., Chicago, Ill.
Filed February 28, 1938. Serial No. 403,520. PUBLISHED MAY 24, 1938. Class 38.

359,215. PREPARATION USED AS AN ANTISEPTIC DOUCHE FOR COWS, FOR THE TREATMENT OF SCOURS IN CALVES, FOR THE TREATMENT OF WHITE DIARRHEA IN LITTLE CHICKENS, ETC. C. NELSON SMITH CO. INC., West Allis, Wis.
Filed March 1, 1938. Serial No. 403,565. PUBLISHED MAY 17, 1938. Class 6.

359,216. SHOES MADE OF LEATHER, FABRIC, OR THE COMBINATION OF LEATHER AND FABRIC. SAMUEL COHEN SHOE STORES, INC., Hempstead, N. Y.
Filed March 2, 1938. Serial No. 403,581. PUBLISHED MAY 24, 1938. Class 39.

359,217. MEN'S AND BOYS' NECKTIES. HARRY FEILER COMPANY, INC., Louisville, Ky.
Filed March 2, 1938. Serial No. 403,585. PUBLISHED MAY 31, 1938. Class 39.

359,218. PLASTIC RUBBER MATERIAL FOR MENDING RUBBER, LEATHER, CLOTH, ETC., AND FOR MAKING MOULDS, PACKING, INSULATION, AND THE LIKE. FRUND PRODUCTS CO., Chicago, Ill.
Filed March 2, 1938. Serial No. 403,587. PUBLISHED MAY 31, 1938. Class 5.

359,219. PERIODICAL PUBLICATION. THE BARRETT COMPANY, New York, N. Y.
Filed March 3, 1938. Serial No. 403,631. PUBLISHED MAY 24, 1938. Class 38.

359,220. MAGAZINE PUBLISHED FROM TIME TO TIME. BILBARA PUBLISHING CO. INC., New York, N. Y.
Filed March 3, 1938. Serial No. 403,634. PUBLISHED MAY 24, 1938. Class 38.

359,221. METAL DECORATING AND PAPER LITHOGRAPHIC INKS. GENERAL PRINTING INK CORPORATION, New York, N. Y.
Filed March 3, 1938. Serial No. 403,667. PUBLISHED MAY 31, 1938. Class 11.

359,222. ASBESTOS CEMENTS, ASBESTOS PAPERS, ASBESTOS SHINGLES, COMPOSITION SHINGLES, ASBESTOS MILL BOARD, ETC. KEASBEY & MATTISON COMPANY, Ambler, Pa.
Filed March 4, 1938. Serial No. 403,694. PUBLISHED MAY 24, 1938. Class 12.

359,223. MEN'S SUSPENDERS, GARTERS, AND BELTS IN THE NATURE OF GARMENT SUPPORTERS. MACK COHEN & NADLE, New York, N. Y.
Filed March 4, 1938. Serial No. 403,702. PUBLISHED MAY 24, 1938. Class 39.

359,224. ELECTRIC COOKING APPLIANCES—NAMELY, ELECTRIC COOKERS, ELECTRIC ROASTERS, AND ELECTRIC FOOD SERVICE EQUIPMENT IN THE FORM OF PORTABLE DEVICES FOR ELECTRICALLY HEATING FOOD CONTAINERS. THE SWARTZBAUGH MANUFACTURING COMPANY, Toledo, Ohio.
Filed March 4, 1938. Serial No. 403,708. PUBLISHED MAY 31, 1938. Class 21.

359,225. PORTABLE DEMAGNETIZING DEVICE. HENRY C. FORSTER, doing business as Henry C. Forster Company, Chicago, Ill.
Filed March 7, 1938. Serial No. 403,763. PUBLISHED MAY 31, 1938. Class 21.

359,226. MAGAZINE. SOUTHERN PUBLISHING COMPANY, Fernandina, Fla.
Filed March 7, 1938. Serial No. 403,789. PUBLISHED MAY 24, 1938. Class 38.

359,227. SERIAL DRAWINGS PUBLISHED IN DAILY AND SUNDAY NEWSPAPERS. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed March 7, 1938. Serial No. 403,793. PUBLISHED MAY 24, 1938. Class 38.

359,228. TRADING STAMP. WILLIS C. VARNER, Edwardsville, Ill.
Filed March 7, 1938. Serial No. 403,803. PUBLISHED MAY 24, 1938. Class 38.

359,229. PAINT BRUSHES, CALCIMINE BRUSHES, GLUE BRUSHES, BRONZING BRUSHES, FLOOR BRUSHES, STIPPLING BRUSHES, ETC. DIXON & RIPPEL, Newark, N. J.
Filed March 8, 1938. Serial No. 403,814. PUBLISHED MAY 31, 1938. Class 29.

359,230. VERMIN EXTERMINATOR FOR RATS AND MICE. ALFRED A. OSTEN, doing business as Rat Lunches Company, Carroll, Iowa.
Filed March 8, 1938. Serial No. 403,825. PUBLISHED MAY 17, 1938. Class 6.

359,231. AGRICULTURAL JOURNAL ISSUED MONTHLY. THE CURTIS PUBLISHING COMPANY, Philadelphia, Pa.
Filed March 9, 1938. Serial No. 403,859. PUBLISHED MAY 31, 1938. Class 38.

359,232. SECTION OF AN AGRICULTURAL JOURNAL ISSUED MONTHLY. THE CURTIS PUBLISHING COMPANY, Philadelphia, Pa.
Filed March 9, 1938. Serial No. 403,860. PUBLISHED MAY 31, 1938. Class 38.

359,233. SECTION OF AN AGRICULTURAL JOURNAL ISSUED MONTHLY. THE CURTIS PUBLISHING COMPANY, Philadelphia, Pa.
Filed March 9, 1938. Serial No. 403,861. PUBLISHED MAY 31, 1938. Class 38.

359,234. COSMETICS—NAMELY, FACIAL CREAMS, POWDERS, ROUGE, LIPSTICKS, ROUGE COMPACTS, FACIAL LOTIONS, SKIN TONICS AND FRESHENERS, WITCH HAZEL, ETC. THE C. I. TOGSTAD COMPANY, Kokomo, Ind.
Filed March 9, 1938. Serial No. 403,880. PUBLISHED MAY 17, 1938. Class 6.

359,235. APPARATUS FOR USE IN TESTING EYES. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed March 10, 1938. Serial No. 403,891. PUBLISHED MAY 31, 1938. Class 26.

359,236. PORTABLE ELECTRIC SHEARS. THE BLACK & DECKER MANUFACTURING COMPANY, Towson, Md.
Filed March 11, 1938. Serial No. 403,934. PUBLISHED MAY 31, 1938. Class 21.

359,237. SHOES AND INSOLES THEREFOR, MADE OF LEATHER, FABRIC, COMPOSITION MATERIAL, OR COMBINATIONS THEREOF, FOR MEN, WOMEN, AND CHILDREN. THE MOSS CORPORATION, Boston, Mass.
Filed March 11, 1938. Serial No. 403,955. PUBLISHED MAY 24, 1938. Class 39.

359,238. WHEAT FLOUR. NEBRASKA CONSOLIDATED MILLS CO., Omaha, Nebr.
Filed March 12, 1938. Serial No. 404,007. PUBLISHED MAY 31, 1938. Class 46.

359,239. BUTTONS MADE OF PLASTIC AND SIMILAR SYNTHETIC MATERIALS. VAZAH, INC., New York, N. Y.
Filed March 12, 1938. Serial No. 404,020. PUBLISHED MAY 31, 1938. Class 40.

359,240. BOOTS AND SHOES PRINCIPALLY OF LEATHER AND CANVAS SHOES. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 15, 1938. Serial No. 404,085. PUBLISHED MAY 24, 1938. Class 39.

359,241. WOMEN'S AND CHILDREN'S SHOES OF LEATHER, FABRIC, RUBBER, AND/OR COMBINATIONS OF THE SAME. ARENBERG-PLOTKIN SHOE COMPANY, Scranton, Pa.
Filed March 16, 1938. Serial No. 404,107. PUBLISHED MAY 24, 1938. Class 39.

359,242. LINIMENT FOR LOCAL APPLICATION FOR SPRAINS, BRUISES, AND MUSCULAR CRAMPS DUE TO EXPOSURE AND FATIGUE, AND FOR SIMPLE NEURALGIA. MCNEIL DRUG COMPANY, doing business as McNeil Drug Co. (Inc.) Jacksonville, Fla.
Filed March 16, 1938. Serial No. 404,131. PUBLISHED MAY 17, 1938. Class 6.

359,243. PIECE GOODS AND DRAPES, PARTICULARLY THOSE KNOWN IN THE TRADE AS RAYON DAMASKS. S. M. SCHWAB JR. & CO., New York, N. Y.
Filed March 16, 1938. Serial No. 404,137. PUBLISHED MAY 31, 1938. Class 42.

359,244. APPARATUS EMPLOYED FOR THE PURPOSE OF MAKING RADIOGRAPHIC AND FLUOROSCOPIC DIAGNOSTIC EXAMINATIONS. WESTINGHOUSE X-RAY COMPANY, INC., Long Island City, N. Y.
Filed March 16, 1938. Serial No. 404,144. PUBLISHED MAY 31, 1938. Class 44.

359,245. APPARATUS EMPLOYED FOR THE PURPOSE OF MAKING RADIOGRAPHIC AND FLUOROSCOPIC DIAGNOSTIC EXAMINATIONS. WESTINGHOUSE X-RAY COMPANY, INC., Long Island City, N. Y.
Filed March 16, 1938. Serial No. 404,145. PUBLISHED MAY 31, 1938. Class 44.

359,246. GLASS CEMENT. ARTHUR JAY WOODWARD, doing business as Glastic Glass Cement Mfg., Los Angeles, Calif.
Filed March 16, 1938. Serial No. 404,156. PUBLISHED MAY 31, 1938. Class 5.

359,247. DUSTING POWDER AND NURSERY POWDER. CITRO CHEMICAL COMPANY OF AMERICA, Maywood, N. J.
Filed March 17, 1938. Serial No. 404,161. PUBLISHED MAY 17, 1938. Class 6.

359,248. CORSELETS, BRASSIÈRES, AND GIRDLES. EVEN-PUL FOUNDATIONS, New York, N. Y.
Filed March 17, 1938. Serial No. 404,169. PUBLISHED MAY 24, 1938. Class 39.

359,249. CORSELETS, BRASSIÈRES, AND GIRDLES. EVEN-PUL FOUNDATIONS, New York, N. Y.
Filed March 17, 1938. Serial No. 404,170. PUBLISHED MAY 31, 1938. Class 39.

359,250. SECTION OR DEPARTMENT OF A MAGAZINE. SHOWMEN'S TRADE REVIEW, INC., New York, N. Y.
Filed March 17, 1938. Serial No. 404,188. PUBLISHED MAY 24, 1938. Class 38.

359,251. PREPARATION FOR TREATMENT OF DANDRUFF, AND SORE OR CHAPPED FACE AND HANDS. CHARLES H. CILISKE, Chicago, Ill.
Filed March 18, 1938. Serial No. 404,204. PUBLISHED MAY 17, 1938. Class 6.

359,252. AMMONIA, CASTOR OIL, WHITE PETROLEUM JELLY, EPSOM SALT, RUBBING ALCOHOL, AND ASPIRIN. TWIN CITY MFG. CO., INC., Norfolk, Va.
Filed March 18, 1938. Serial No. 404,242. PUBLISHED MAY 24, 1938. Class 6.

359,253. LADIES' AND MISSES' SHOES, SLIPPERS, PUMPS, AND LOW-QUARTERS OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. WOHL SHOE COMPANY, St. Louis, Mo.
Filed March 19, 1938. Serial No. 404,278. PUBLISHED MAY 31, 1938. Class 39.

359,254. COTTON MARQUISETTE CURTAINS FINISHED AND IN THE PIECE. BARTMANN & BIXER INC., New York, N. Y.
Filed March 21, 1938. Serial No. 404,288. PUBLISHED MAY 31, 1938. Class 42.

359,255. CLEANSING PREPARATION FOR GENERAL HOUSEHOLD AND LAUNDRY USE, HAVING INCIDENTAL PROPERTIES AS A WATER SOFTENER. CHARLES W. BERG, doing business as Fairchild & French, Philadelphia, Pa.
Filed March 21, 1938. Serial No. 404,289. PUBLISHED MAY 31, 1938. Class 4.

359,256. BUILDING AND MASONRY CEMENT. FLORIDA PORTLAND CEMENT COMPANY, Chicago, Ill.
Filed March 21, 1938. Serial No. 404,301. PUBLISHED MAY 31, 1938. Class 12.

359,257. RAW POPCORN. ADAMS & BROOKS, Los Angeles, Calif.
Filed March 22, 1938. Serial No. 404,342. PUBLISHED MAY 31, 1938. Class 46.

359,258. EFFERVESCENT ANTISEPTIC CHLORAMINE TABLETS, A PREPARATION USED AS A PERSONAL ANTISEPTIC, DEODORANT, DISINFECTANT, AND GERMICIDE. EFFANTAB PRODUCTS, INC., New Rochelle, N. Y.
Filed March 22, 1938. Serial No. 404,355. PUBLISHED MAY 17, 1938. Class 6.

359,259. SHEETS, PILLOW-CASES, AND BED SPREADS. KAPLAN BROTHERS, New York, N. Y.
Filed March 22, 1938. Serial No. 404,366. PUBLISHED MAY 31, 1938. Class 42.

359,260. FURNITURE AND UPHOLSTERY—NAMELY, SETTEES, EASY CHAIRS, SINGLE CHAIRS, ARM CHAIRS, CHAISE LONGUES, BOUDOIR CHAIRS, ETC. ROBSJOHN-GIBBINGS, LTD., New York, N. Y.
Filed March 22, 1938. Serial No. 404,376. PUBLISHED MAY 31, 1938. Class 32.

359,261. FURNITURE AND UPHOLSTERY—NAMELY, SETTEES, EASY CHAIRS, SINGLE CHAIRS, ARM CHAIRS, CHAISE LONGUES, BOUDOIR CHAIRS, DINING TABLES, BUFFETS, CONSOLE TABLES, ETC. ROBSJOHN-GIBBINGS, LTD., New York, N. Y.
Filed March 22, 1938. Serial No. 404,377. PUBLISHED MAY 31, 1938. Class 32.

359,262. MEN'S, WOMEN'S, AND CHILDREN'S CLOTHING—NAMELY, SUITS, PANTS, JACKETS, OUTER SHIRTS, SWEATERS, ETC. SCHAINMAN SPORTWEAR CO., New York, N. Y.
Filed March 22, 1938. Serial No. 404,379. PUBLISHED MAY 31, 1938. Class 39.

359,263. MAGNESIA CARBONATE. KEASBEY & MATTISON COMPANY, Ambler, Pa.
Filed March 23, 1938. Serial No. 404,410. PUBLISHED MAY 17, 1938. Class 6.

359,264. LADIES' HATS. TROJAN HAT CO. INC., New York, N. Y.
Filed March 23, 1938. Serial No. 404,423. PUBLISHED MAY 31, 1938. Class 39.

359,265. TEXTILE PRINTING PASTES AND TEXTILE PRINTING COLORS. ARIDYE CORPORATION, Fair Lawn, N. J.
Filed March 25, 1938. Serial No. 404,462. PUBLISHED MAY 17, 1938. Class 6.

359,266. INHALANT USED IN TREATMENT OF ASTHMA AND HAYFEVER. ARTHUR W. PITTS, doing business as Nephron Co., Tacoma, Wash.
Filed March 25, 1938. Serial No. 404,485. PUBLISHED MAY 24, 1938. Class 6.

359,267. CAKE. WLADYSLAW TRZETRZEWINSKI, known as W. Trzet, Hoboken, N. J.
Filed March 25, 1938. Serial No. 404,498. PUBLISHED MAY 31, 1938. Class 46.

359,268. CAKE. WLADYSLAW TRZETRZEWINSKI, known as W. Trzet, Hoboken, N. J.
Filed March 25, 1938. Serial No. 404,499. PUBLISHED MAY 31, 1938. Class 46.

359,269. HOUSE ORGAN ISSUED QUARTERLY. THE PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.
Filed March 26, 1938. Serial No. 404,541. PUBLISHED MAY 24, 1938. Class 38.

359,270. FERTILIZER AND FERTILIZER MATERIALS. THE PHOSPHATE MINING COMPANY, New York, N. Y.
Filed March 26, 1938. Serial No. 404,542. PUBLISHED MAY 31, 1938. Class 10.

359,271. AGRICULTURAL IMPLEMENTS INCLUDING SEEDERS, FERTILIZER DISTRIBUTORS, WHEEL HOES, GARDEN PLOWS, GRASS EDGERS, HORSE HOES, CULTIVATORS, CELERY HILLERS, RIDING CULTIVATORS, ORCHARD CULTIVATORS, POTATO DIGGERS, AND GARDEN TRACTORS AND PARTS THEREOF. S. L. ALLEN & CO., INC., Philadelphia, Pa.
Filed March 28, 1938. Serial No. 404,556. PUBLISHED MAY 31, 1938. Class 23.

359,272. PILLS FOR RELIEF OF OCCASIONAL CONSTIPATION AND HEADACHE AND BILIOUSNESS DUE TO THIS CONDITION. MCNEIL DRUG COMPANY, doing business as McNeil Drug Co. Inc., Jacksonville, Fla.
Filed March 28, 1938. Serial No. 404,576. PUBLISHED MAY 17, 1938. Class 6.

359,273. INSECTICIDES, GERMICIDES, ALGICIDES, BACTERICIDES, FUNGICIDES, AND DISINFECTANTS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed March 28, 1938. Serial No. 404,577. PUBLISHED MAY 24, 1938. Class 6.

359,274. ELECTRO-MEDICAL AND ELECTRO-SURGICAL APPARATUS. MURLEY-ROLLESTON CORPORATION, New York, N. Y.
Filed March 28, 1938. Serial No. 404,579. PUBLISHED JUNE 7, 1938. Class 44.

359,275. CARTOON SECTION OF NEWSPAPERS AND OTHER PUBLICATIONS. ARTHUR B. POINIER, St. Joseph, Mich.
Filed March 28, 1938. Serial No. 404,582. PUBLISHED MAY 24, 1938. Class 38.

359,276. LAXATIVE PREPARATIONS; SARSAPARILLA; WITCH HAZEL EXTRACT; OINTMENTS RECOMMENDED FOR USE WHEN CUTANEOUS ABSORPTION IS DESIRED, ETC. LANMAN & KEMP-BARCLAY & CO., INCORPORATED, New York, N. Y.
Filed March 29, 1938. Serial No. 404,611. PUBLISHED MAY 17, 1938. Class 6.

359,277. [WITHDRAWN.]

359,278. PAPER NAPKINS, PAPER DOILIES, PAPER TABLE CLOTHS, TISSUE PAPER, CREPE PAPER, AND TOILET PAPER. FORT HOWARD PAPER COMPANY, Green Bay, Wis.
Filed March 30, 1938. Serial No. 404,640. PUBLISHED MAY 31, 1938. Class 37.

359,279. ELECTROLYTIC CAPACITORS, CONDENSERS, AND PARTS THEREOF. THE MAGNAVOX COMPANY, Fort Wayne, Ind.
Filed March 30, 1938. Serial No. 404,652. PUBLISHED MAY 31, 1938. Class 21.

359,280. LICORICE CANDY. NATIONAL LICORICE COMPANY, Brooklyn, N. Y.
Filed March 30, 1938. Serial No. 404,656. PUBLISHED MAY 31, 1938. Class 46.

359,281. WHISKEY. PENNSYLVANIA DISTILLING CO., INC., Logansport and Philadelphia, Pa.
Filed March 30, 1938. Serial No. 404,659. PUBLISHED MAY 31, 1938. Class 49.

359,282. ARTIFICIAL LEATHER OR LEATHERETTE ESPECIALLY INTENDED FOR USE AS UPHOLSTERY FOR FURNITURE, BUT ALSO USED UPON LUGGAGE, LUGGAGE CASES, DISPLAY CASES, JEWELRY BOXES, AND THE LIKE. RICHARD PICK & HELLER CO., Chicago, Ill.
Filed March 30, 1938. Serial No. 404,662. PUBLISHED MAY 31, 1938. Class 50.

359,283. SYNTHETIC METHANOL USED AS AN ANTI-FREEZE AGENT IN AUTOMOTIVE VEHICLES AND HEATING SYSTEMS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed March 30, 1938. Serial No. 404,674. PUBLISHED MAY 17, 1938. Class 6.

359,284. TRANSPARENT ENVELOPES. JOSHUA MEIER, INCORPORATED, New York, N. Y.
Filed March 30, 1938. Serial No. 404,676. PUBLISHED MAY 31, 1938. Class 37.

359,285. INSULATED ELECTRICAL WIRES AND CABLES. GENERAL CABLE CORPORATION, New York, N. Y.
Filed March 31, 1938. Serial No. 404,701. PUBLISHED MAY 31, 1938. Class 21.

359,286. OBJECTIVE LENSES. BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y.
Filed April 1, 1938. Serial No. 404,741. PUBLISHED MAY 31, 1938. Class 26.

359,287. FURNITURE MADE OF WOOD AND INCLUDING TABLES, CHAIRS, COUCHES, BEDS, CABINETS, CASES, DESKS, DRESSERS, CHESTS, AND VANITIES. CHARAK FURNITURE COMPANY, Boston, Mass.
Filed April 1, 1938, Serial No. 404,748. PUBLISHED MAY 31, 1938. Class 32.

359,288. BUYERS' GUIDE OR DIRECTORY PUBLISHED SEMI-ANNUALLY. EARNSHAW PUBLICATIONS, INC., Newton, Mass.
Filed April 1, 1938, Serial No. 404,752. PUBLISHED MAY 31, 1938. Class 38.

359,289. CONCENTRATED LYE, DRAIN SOLVENT, BAKING SODA (BICARBONATE OF SODA), BORAX, AND WASHING SODA (SAL SODA). TEX-ITE PRODUCTS CORPORATION, Brooklyn, N. Y.
Filed April 1, 1938. Serial No. 404,784. PUBLISHED MAY 24, 1938. Class 6.

359,290. FABRICS IN THE PIECE OF WOOL, COTTON, SILK, OR RAYON. DUMARI TEXTILE CO., INC., New York, N. Y.
Filed April 4, 1938. Serial No. 404,839. PUBLISHED MAY 31, 1938. Class 42.

359,291. WATCHES AND WATCH CASES. FORSTNER CHAIN CORPORATION, Irvington, N. J.
Filed April 4, 1938. Serial No. 404,847. PUBLISHED MAY 31, 1938. Class 27.

359,292. PREPARATION INTENDED FOR THE TREATMENT OF SPASMODIC AND CONVULSIVE CONDITIONS. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed April 4, 1938. Serial No. 404,865. PUBLISHED MAY 24, 1938. Class 6.

359,293. FOUNDATIONS AND GIRDLES. FRANCO CORSET COMPANY, New York, N. Y.
Filed April 5, 1938. Serial No. 404,890. PUBLISHED MAY 31, 1938. Class 39.

359,294. PRODUCT FOR IMPROVING THE LIGHT FASTNESS OF DYEINGS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed April 5, 1938. Serial No. 404,893. PUBLISHED MAY 24, 1938. Class 6.

359,295. CARTOONS AND NEWSPAPER COLUMN. BART MOORE, JR., San Antonio, Tex.
Filed April 5, 1938. Serial No. 404,902. PUBLISHED MAY 31, 1938. Class 38.

359,296. TEXTILE FABRICS IN THE PIECE OF ALL TYPES AND STYLES MADE OF COTTON, SILK, RAYON, ARTIFICIAL SILK, OR MIXTURES OF COTTON AND SILK, COTTON AND RAYON, OR COTTON AND ARTIFICIAL SILK. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed April 5, 1938. Serial No. 404,905. PUBLISHED MAY 31, 1938. Class 42.

359,297. MOPS. O-CEDAR CORP'N, Chicago, Ill.
Filed April 6, 1938. Serial No. 404,952. PUBLISHED MAY 31, 1938. Class 29.

359,298. COTTON PIECE GOODS. WM. SIMPSON, SONS & CO., INC., Philadelphia, Pa.
Filed April 6, 1938. Serial No. 404,958. PUBLISHED MAY 31, 1938. Class 42.

359,299. ELECTRIC WASHERS AND IRONERS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed April 6, 1938. Serial No. 404,970. PUBLISHED JUNE 7, 1938. Class 24.

359,300. RAYON PIECE GOODS. ARTHUR BEIR & CO., INC., New York, N. Y.
Filed April 7, 1938, Serial No. 404,978. PUBLISHED MAY 31, 1938. Class 42.

359,301. CHEMICAL COMPOUND FOR USE IN THE MANUFACTURE OF BAKING POWDER AND SELF-RISING FLOUR. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed April 7, 1938. Serial No. 404,984. PUBLISHED MAY 24, 1938. Class 6.

359,302. FLUXING COMPOUND. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed April 7, 1938. Serial No. 404,985. PUBLISHED MAY 24, 1938. Class 6.

359,303. PERFUMES AND TOILET WATERS. ELIZABETH ARDEN, INC., New York, N. Y.
Filed April 8, 1938. Serial No. 405,005. PUBLISHED MAY 24, 1938. Class 6.

359,304. SOAPS. ELIZABETH ARDEN, INC., New York, N. Y.
Filed April 8, 1938. Serial No. 405,006. PUBLISHED MAY 31, 1938. Class 4.

359,305. BEER. KOPPITZ MELCHERS, INC., Detroit, Mich.
Filed April 8, 1938, Serial No. 405,023. PUBLISHED MAY 31, 1938. Class 48.

359,306. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME. NEHI, INC., Columbus, Ga.
Filed April 8, 1938, Serial No. 405,032. PUBLISHED MAY 31, 1938. Class 45.

359,307. BEER. MICHIGAN BREWING COMPANY, Grand Rapids, Mich.
Filed April 9, 1938, Serial No. 405,094. PUBLISHED MAY 31, 1938. Class 48.

359,308. EFFERVESCENT ALKALIZER. INLAND LABORATORIES, INCORPORATED, Indianapolis, Ind.
Filed April 11, 1938. Serial No. 405,119. PUBLISHED MAY 24, 1938. Class 6.

359,309. SILK PIECE GOODS. BLOOMINGDALE BROS., INC., New York, N. Y.
Filed April 12, 1938, Serial No. 405,148. PUBLISHED MAY 31, 1938. Class 42.

359,310. PIGMENTED, UNPIGMENTED, TRANSPARENT, PLASTIC AND SEMI-PLASTIC, READY MIXED, PASTE AND DRY, METALLIC, BITUMINOUS, ASPHALTIC, HEAT RESISTING, RUST AND CORROSION INHIBITING, AND GAS PROOFING COATINGS OF THE NATURE OF PAINTS AND PRIMERS; AND THINNERS, REDUCERS, AND OILS FOR USE THEREWITH. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed April 13, 1938. Serial No. 405,206. PUBLISHED MAY 31, 1938. Class 16.

359,311. PREPARATION FOR THE TREATMENT OF EPIDERMOPHYTOSIS, ATHLETE'S FOOT, GOLFER'S ITCH, DOBIE'S ITCH, TRICHOPHYTOSIS (RINGWORM OF THE FOOT), AND OTHER CONDITIONS CAUSED BY THE VARIOUS SPECIES OF THE TRICOPHYTON FUNGI. BETHESDA PHARMACAL COMPANY, Bethesda, Md.
Filed April 14, 1938, Serial No. 405,239. PUBLISHED MAY 24, 1938. Class 6.

359,312. INSECTICIDES. LIN-TOX CORPORATION, Port Chester, N. Y.
Filed April 14, 1938. Serial No. 405,260. PUBLISHED MAY 24, 1938. Class 6.

359,313. FURNITURE—NAMELY, BEDS, BENCHES, CHESTS, DRESSERS, CHAIRS, VANITIES, AND NIGHT TABLES. THE W. H. HICKERSON COMPANY, INC., New York, N. Y.
Filed April 23, 1938, Serial No. 405,646. PUBLISHED MAY 31, 1938. Class 32.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

359,314. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FEDERAL RUBBER COMPANY, Chicopee Falls, Mass. Filed June 17, 1936. Serial No. 379,836.

STORE SERVICE

For Tires Made Wholly or Partly of Rubber.
Claims use since May 28, 1936.

359,315. (CLASS 37. PAPER AND STATIONERY.) KOH-I-NOOR BLEISTIFTFABRIK L. & C. HARDTMUTH, Budweis, Czechoslovakia. Filed Apr. 28, 1937. Serial No. 391,961.

ALLKORE

For Lead Pencils, Coloured Chalk Pencils, and Coloured Sticks.
Claims use since Mar. 17, 1937.

359,316. (CLASS 31. FILTERS AND REFRIGERATORS.) BEDFORD REFRIGERATION SERVICE CORPORATION, Brooklyn, N. Y. Filed May 5, 1937. Serial No. 392,307.

BEDFORD
PERFECT FLOW

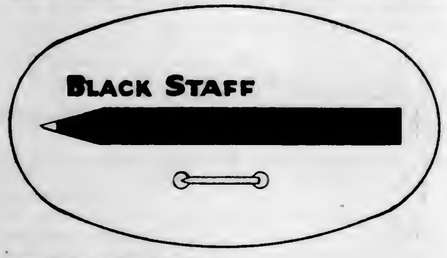
For Beverage Dispensing Apparatus for Refrigerating Coils and Beverage Coils Associated Therewith.
Claims use since Apr. 1, 1937.

359,317. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) ALFRED A. FRASER, doing business as Fraser's, Wellesley, Mass. Filed May 19, 1937. Serial No. 392,971.

Fraser's Immunized Seeds

For Flower Seed, Vegetable Seed, and Grass Seed.
Claims use since Aug. 20, 1936.

359,318. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) PFANSTIEHL CHEMICAL COMPANY, Waukegan, Ill. Filed June 14, 1937. Serial No. 394,049.



For Phonograph Needles.
Claims use since June 9, 1937.

359,319. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) THE GLEMBY COMPANY, INC., New York, N. Y. Filed June 19, 1937. Serial No. 394,279.

Lorraine

For Rubber Sponges for Bath and Other Uses.
Claims use since June 4, 1937.

359,320. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CAPITOL WINE & SPIRIT CORP., New York, N. Y. Filed July 9, 1937. Serial No. 395,016.

OLD HIGGINS

For Rye Whiskey.
Claims use since June 2, 1937.

359,321. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARGARET HULL, INC., Beverly Hills, Calif. Filed July 12, 1937. Serial No. 395,133.

Margaret Hull

For Face, Neck, Body, and Hand Creams, Oils and Lotions.
Claims use since June 7, 1937.

359,322. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HERBERT & SHANAHAN, Williamsport, Pa. Filed Sept. 9, 1937. Serial No. 397,251.

DR. DALE'S
Health Regulator

For Medicine Useful in Correcting Acid Indigestion, Headache and Biliousness.
Claims use since May 1, 1936.

359,323. (CLASS 37. PAPER AND STATIONERY.) GRAHAM PAPER COMPANY, St. Louis, Mo. Filed Oct. 13, 1937. Serial No. 398,430.

Message Mimeograph

For "Mimeograph" Paper.
Claims use since May 27, 1937.

359,324. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HENRIK GAHNS AKTIEBOLAG, Uppsala, Sweden. Filed Nov. 30, 1937. Serial No. 400,300.

-Gahns-

For Hard Soap, Soft Soap, Soap Flakes, Soap Powder, and Scouring Powder.
Claims use since July, 1926.

359,325. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BERKE CAKE CO. INC., Brooklyn, N. Y. Filed Jan. 6, 1938. Serial No. 401,596.

SUTTON

For Cakes and Pastries.
Claims use since June 25, 1937.

359,326. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MALLINSON FABRICS CORP., New York, N. Y. Filed Mar. 10, 1938. Serial No. 403,918.

Cimarron

For Piece Goods of Silk, Cotton, Wool, Rayon, and/or Combinations Thereof.
Claims use since Mar. 10, 1931.

359,327. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE NICHOLS MANUFACTURING CO., Bridgeport, Conn. Filed Mar. 12, 1938. Serial No. 404,008.

HYGIENIC

For Catamenial Garments.
Claims use since Feb. 1, 1936.

359,328. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MINERALIZED FOODS, INC., Baltimore, Md. Filed Mar. 29, 1938. Serial No. 404,614.

Sodeom

For Concentrated Food Made from Imported Sea Vegetables and Compressed into Tablet Form.
Claims use since December, 1936.

359,329. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WM. E. HOOPER & SONS COMPANY, Baltimore, Md. Filed May 12, 1938. Serial No. 406,254.

KUSHON
KLOTH

For Cotton Piece Goods Treated so as to Resemble Leather.
Claims use since Sept. 9, 1936.

359,330. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) TRANSIT MIXERS, INC., San Francisco, Calif. Filed Dec. 27, 1937. Serial No. 401,285.

PIONEER

For Concrete Truck Mixers.
Claims use since Oct. 24, 1936.

TRADE-MARK REGISTRATIONS RENEWED

120,181. LIQUID PREPARATIONS FOR EXPANDING WOOD. Registered January 15, 1918. EUREKA LIQUID WHEEL TIGHTENER COMPANY. Renewed January 15, 1938, to Mary A. Munfrey, doing business as Wood-Tite Company, Modesto, Calif., successor.

120,690. A MONTHLY PUBLICATION. Registered February 26, 1918. PERIODICAL PUBLISHING CO., Grand Rapids, Mich. Renewed February 26, 1938, to Kates-Boylston Publications, Inc., New York, N. Y., a corporation of New York, successor.

122,099. EVAPORATED MILK. Registered June 25, 1918. THE OATMAN CONDENSED MILK CO., Dundee, Ill. Renewed June 25, 1938, to The Oatman Condensed Milk Company, Milwaukee, Wis., a corporation of Wisconsin, assignee.

122,600. CORSETS. Registered August 27, 1918. R. H. MACY & CO. Renewed August 27, 1938, to R. H. Macy & Co., Inc., New York, N. Y., a corporation of New York, assignee.

123,048. FORCE-FEED OIL-CANS. Registered October 8, 1918. GUSTAVE LIDSEEN. Renewed October 8, 1938, to Gustave Lidseen, Inc., Chicago, Ill., a corporation of Illinois, assignee.

123,893. A LIGHT-WEIGHT SHEER-SILK FABRIC. Registered December 17, 1918. BULLOCK'S. Renewed December 17, 1938, to Bullock's, Inc., Los Angeles, Calif., a corporation of Delaware, assignee.

123,896. ALFALFA-SEED, CLOVER-SEED, TIMOTHY-SEED, AND GRASS-SEED. Registered December 17, 1918. CRABBS REYNOLDS TAYLOR CO. INCORPORATED, Crawfordsville, Ind., a corporation of Indiana. Renewed December 17, 1938.

123,909. CANES, PARASOLS, AND UMBRELLAS. Registered December 17, 1918. KNOX HAT COMPANY, INC., New York, N. Y. Renewed December 17, 1938, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware, assignee.

123,910. CERTAIN NAMED CLOTHING FOR MEN, WOMEN, AND CHILDREN. Registered December 17, 1918. KNOX HAT COMPANY, INC., New York, N. Y. Renewed December 17, 1938, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware, assignee.

124,009. MEN'S HATS. Registered December 31, 1918. KNOX HAT COMPANY, INC., New York, N. Y. Renewed December 31, 1938, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware, assignee.

124,019. OUTER SHIRTS, DRESS-SHIRTS, AND COLLARS. Registered December 31, 1918. THE MANHATTAN SHIRT COMPANY, New York, N. Y., a corporation of New York. Renewed December 31, 1938.

124,032. FEED-WATER REGULATORS AND PUMP-GOVERNORS. Registered December 31, 1918. NORTHERN EQUIPMENT COMPANY, Erie, Pa., a corporation of Pennsylvania. Renewed December 31, 1938.

124,055. WHEAT-FLOUR. Registered December 31, 1918. W. P. TANNER-GROSS & COMPANY, INC. Renewed December 31, 1938, to Distributors Trucking Corporation, New York, N. Y., a corporation of New York, assignee.

124,056. GAGE-POLES. Registered December 31, 1918. TITUSVILLE ELASTIC CHAIR COMPANY, LTD. Renewed December 31, 1938, to J. Lynn Smith, Titusville, Pa., successor.

124,057. CERTAIN NAMED PAINTS AND PAINTERS' MATERIALS. Registered December 31, 1918. TRUSCON STEEL COMPANY, Youngstown, Ohio, and Detroit, Mich. Renewed December 31, 1938, to Truscon Laboratories, Inc., Detroit, Mich., a corporation of Michigan, assignee.

LABELS
REGISTERED AUGUST 9, 1938

51,591.—*Title:* BEECH-NUT MACARONI SHELLS. For Macaroni Shells. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published January 15, 1936.

51,592.—*Title:* BEECH-NUT MACARONI ELBOWS. For Macaroni Elbows. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published May 11, 1937.

51,593.—*Title:* ICE CREAM. For Ice Cream. CONTAINER CORPORATION OF AMERICA, Chicago, Ill. Published June 1, 1938.

51,594.—*Title:* ICE CREAM. For Ice Cream. CONTAINER CORPORATION OF AMERICA, Chicago, Ill. Published May 1, 1938.

51,595.—*Title:* BISQUICK. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published June 20, 1938.

51,596.—*Title:* BISQUICK. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published June 20, 1938.

51,597.—*Title:* BISQUICK. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published June 20, 1938.

51,598.—*Title:* BISQUICK. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published June 20, 1938.

51,599.—*Title:* MARKWELL RW STAPLES. For Staples. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Published June 17, 1938.

51,600.—*Title:* GEAR'S PEELEE ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published May 23, 1938.

51,601.—*Title:* R. C. VAN NAME. For Paint. IRVING OSTROFF, doing business as Squarex Advertising Company, New York, N. Y. Published May 12, 1938.

51,602.—*Title:* SEA-SNACK. For Oysters. J. O. REITAN OYSTER SALES, Sumner, Wash. Published September 1, 1937.

51,603.—*Title:* DRINK MIXO. For Thirst Quencher. EMIL E. STEINER, Glendale, Calif. Published January 3, 1938.

51,604.—*Title:* SAN DIEGO PURE-SWEET. For Fruit Juices. C. E. SCRATTMAN, San Diego, Calif. Published July 12, 1938.

51,605.—*Title:* TRANSPO BONDED. For Automobiles. TRANSPO CORPORATION OF AMERICA, Kansas City, Mo. Published June 24, 1938.

PRINTS

REGISTERED AUGUST 9, 1938

16,962.—*Title:* LAUBY'S HULLESS POPCORN. For Popcorn. GEO. E. LAUBY, Uniontown, Ohio. Published March 1, 1938.

16,963.—*Title:* CAMEL E–22. For Cigarettes. THE R. J. REYNOLDS TOBACCO CO., Winston-Salem, N. C. Published February 12, 1938.

16,964.—*Title:* CAMEL E–23. For Cigarettes. THE R. J. REYNOLDS TOBACCO CO., Winston-Salem, N. C. Published May 10, 1938.

REISSUES

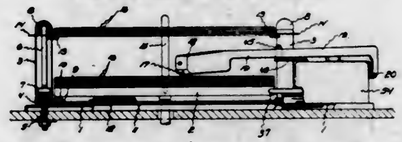
AUGUST 9, 1938

20,819
AUTOMATIC GRAMOPHONE

Svante Philip Arvidius, Motala, Sweden

Original No. 2,031,449, dated February 18, 1936, Serial No. 751,064, November 1, 1934. Application for reissue August 30, 1937, Serial No. 161,634. In Sweden August 28, 1934

10 Claims. (Cl. 274—10)



5. An attachment for gramophones having a rotatable turntable, in combination, an elongated base plate to be mounted underneath the turntable on the gramophone and to extend at both ends beyond the turntable, means mounted on said base plate for supporting a pile of records above the turntable and operable for dropping said records one at a time upon the turntable, a framing mounted on one projecting end of said base plate, a vertical shaft rotatably mounted in said framing, an outwardly extending arm carried by said shaft, an arm adapted to carry a reproducing needle and pivotally connected to said outwardly extending arm, means including a cam member rotatably mounted in said framing and members operable by said cam member at each revolution thereof for moving, after playing of a record on the turntable, the needle carrying arm clear of said record, for operating said operable record supporting means for dropping a fresh record upon the turntable, and for moving the needle carrying arm in engagement with the beginning of the sound groove on the fresh record, driving means for said rotatable cam member, including a swingable arm mounted in said framing and a friction roller carried by said arm and adapted to coact with the turntable, means mounted in the said framing and controlled by the movement of the needle carrying arm for positively moving said last mentioned arm with the friction roller in driving frictional contact with the turntable, whereby to start rotation of said cam member, and means for positively holding the said friction roller in driving contact with the turntable after starting rotation of said cam member and until return of the latter in its starting position.

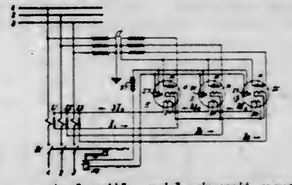
20,820
PROTECTIVE SYSTEM

Georges Darrieus, Houilles, France, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland, a joint-stock company of Switzerland

Original No. 1,987,285, dated January 8, 1935, Serial No. 517,548, February 21, 1931. Application for reissue November 9, 1936, Serial No. 109,948. In France February 22, 1930

19 Claims. (Cl. 175—294)

1. In combination with a polyphase electric circuit, an electroresponsive device operable in dependence upon the voltage of one of the phase conductors of said circuit to ground divided by the quantity (line current in said conductor plus the sum of the currents flowing in all phase conductors of said circuit) comprising winding means operatively connected with the first said phase conductor and responsive to the voltage thereof to ground, and means comprising winding means cooperating with the first said means and operatively connected with said circuit responsive to the current in the first said conductor plus the sum of the currents flowing in all phase conductors of said circuit.

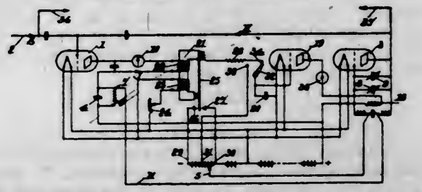


20,821
SYNCHRONIZING SYSTEM

Henri Jean Joseph Marie de Regnauld de Bellescize, Neuilly-sur-Seine, France

Original No. 1,990,428, dated February 5, 1935, Serial No. 635,451, September 29, 1932. Application for reissue February 2, 1937, Serial No. 123,717. In France October 6, 1931

18 Claims. (Cl. 250—20)



1. A method for maintaining an approximately constant phase difference between two oscillations, the frequencies of either or both of which may undergo very gradual but relatively large changes superimposed on changes of greater rapidity but of lesser magnitude, which comprises so combining in an electron tube circuit the two oscillations as to produce an interference current whose intensity, depending upon the said phase difference, admits simultaneously of very progressive variations produced by said gradual frequency changes, and of more rapid variations produced by said more rapid frequency changes, utilizing through suitable means said more rapid intensity variations to exert on the frequency of one of said oscillations a first control compelling this oscillation to follow the small but rapid frequency changes of the other oscillation, whereby the two oscillations are synchronized; and furthermore utilizing through separate means, said very progressive intensity variations of the said interference current to exert a second frequency control whereby the normal value of the phase difference is maintained.

20,822
METHOD FOR DEWAXING OILS

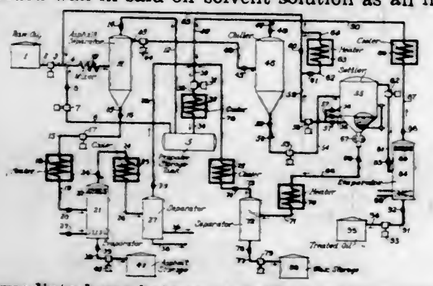
Earle W. Gard, Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

Original No. 1,989,355, dated January 29, 1935, Serial No. 686,016, August 21, 1933. Application for reissue March 13, 1937, Serial No. 130,753

16 Claims. (Cl. 196—18)

16. A process for dewaxing oil which comprises

passing a stream of oil containing wax into a mixer, commingling said oil in said mixer with a liquefied normally gaseous hydrocarbon solvent, chilling said oil solvent solution to precipitate wax, said precipitated wax comprising a mixture of granular and more readily settling wax, and finely divided and less readily settling wax, passing said oil solvent solution containing said precipitated wax into a settling chamber, and in said settling chamber concentrating said finely divided wax in said oil solvent solution as an intermediate layer between a bottom layer of more readily settling wax and an upper layer of oil and solvent substantially free from wax, decanting said upper layer of oil and solvent from said settling chamber, and continuously withdrawing said concentrated intermediate layer of oil and solvent and finely divided wax from said settling chamber under such conditions as to prevent the finely divided wax from being carried over into the solution of oil and solvent substantially free from precipitated wax.



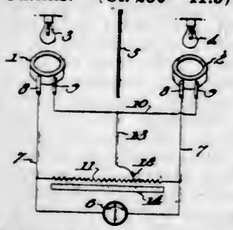
20,823

PHOTOELECTRIC CELL CIRCUIT

William Nelson Goodwin, Jr., Newark, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

Original No. 2,032,010, dated February 25, 1936, Serial No. 677,332, June 23, 1933. Application for reissue February 10, 1938, Serial No. 189,905

12 Claims. (Cl. 250—41.5)



1. In a photoelectric cell circuit, a pair of photoelectric cells of the barrier layer type, a current responsive device, and a network connecting said cells and device to subject said device to the differential action of currents generated by the said cells; said network including a main series circuit comprising circuit elements joining one set of like terminals of said cells and connecting the device between the other set of like terminals, and means forming a shunt path dividing said main series circuit into two loop circuits having the cells in the non-common portions of the respective loop circuits, said means consisting of passive circuit elements connected between the joined terminals of said cells and said device.

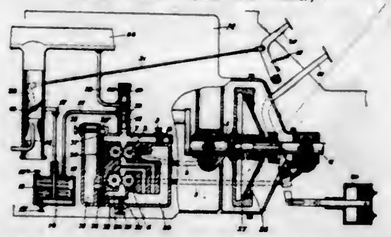
20,824

FREEWHEELING MECHANISM OF MOTOR CARS

Karl Maybach, Friedrichshafen, Bodensee, Germany, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany

Original No. 2,034,263, dated March 17, 1936, Serial No. 676,633, June 20, 1933. Application for reissue September 26, 1936, Serial No. 102,681. In Germany July 1, 1932

13 Claims. (Cl. 192—.01)



1. In a motor driven vehicle mechanism of the type described comprising: a member rotating in dependency of the motor speed, a member rotating in dependency of the car speed, a member for controlling the fuel intake of the motor, said fuel controlling means being under such influence of said member rotating in dependency of the motor speed that the motor automatically runs with a certain low idling speed when declutched, and means connected with both said rotating members adapted to alter automatically the controlled idling speed of the motor to a higher limit as soon as the car speed exceeds a predetermined limit.

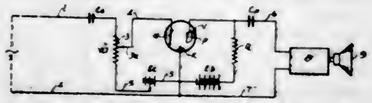
20,825

ART OF PRODUCING MUSICAL SOUNDS ELECTRICALLY

Gilbert Smiley, Hingham, Mass., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill., a corporation of Delaware

Original No. 2,036,892, dated April 7, 1936, Serial No. 700,837, December 4, 1933. Application for reissue March 28, 1938, Serial No. 198,616

12 Claims. (Cl. 84—1)



11. For use in an electrical musical instrument having a keyboard consisting of a plurality of keys adapted for playing chords, a circuit combination comprising, a series of sources of electrical frequencies tuned to the various pitches called for by the various keys of said keyboard, a separate repeater circuit for each of said sources, each of said repeater circuits including a multi-electrode thermionic discharge device having a cathode, grid, and plate, an attenuation device for regulating the amplitude of the signal supplied to said grid from its associated source; and means for biasing said grid negatively with respect to said cathode to the point where appreciable plate current will flow only during brief intervals of most positive excursion of grid voltage, for the purpose of introducing musically desirable harmonics, in regulatable amounts, in each note separately.

PATENTS

GRANTED AUGUST 9, 1938

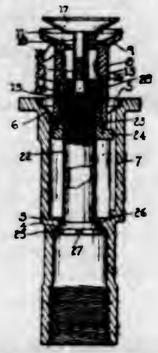
2,125,863

SPRAY HEAD

Alfred C. Arbogast, Elkhart, Ind., assignor to Northern Indiana Brass Company, Elkhart, Ind.

Application October 26, 1936, Serial No. 107,637

3 Claims. (Cl. 299—61)



1. In a spray head, the combination of a tubular body member provided at the top thereof with an annular recess having an inwardly inclined bottom and with an internal annular shoulder and having a longitudinal internal groove above said shoulder, an internally shouldered tubular nozzle member provided with an upwardly flared tip portion adapted to seat in said recess in said body member and having an annular upstanding peripheral flange, the edge of which is flush with the top of the body member when the nozzle is retracted, an inverted conical baffle member provided with a stem and adapted to seat within said nozzle tip and constituting a closure therefor when seated, a passage member disposed within said nozzle member against said shoulder therein and having a plurality of spirally disposed peripheral grooves coacting with the walls of the nozzle member to provide spiral passages, said passage member having a central conical opening receiving said stem, said stem being provided with a conical head seating in said opening when the baffle member is in elevated position, a tubular stem for said nozzle provided with a flange at its lower end coacting with said shoulder in said body member, and a coupling threaded into said nozzle member and into which said nozzle member stem is threaded, said coupling being provided with a lug engaging said longitudinal groove in said body member.

2,125,864

GLASS-TUBE CUTTER

William Auckland, Seattle, Wash.

Application March 24, 1936, Serial No. 70,666

7 Claims. (Cl. 49—52)



1. A glass-tube cutter comprising the combination of a hollow cylindrical barrel insertable within the tube and provided with a segmental slot, a cutter wheel journaled for rotary movement in said slot to dispose the wheel in eccentric relation to the barrel with the cutting edge thereof exposed, a longitudinally extending leaf spring detachably carried by the barrel to locate the spring diametrically opposite from the cutter wheel, the ends of said spring extending approximately equal distances in opposite directions from the cutting plane of the wheel, and means comprising a rod slidably carried in the bore of the barrel, operatively engaging said spring, for bowing the spring outwardly into pressure-applying engagement to the inner wall of the tube for influencing the cutter into cutting engagement with the tube.

2,125,865

DECORATIVE DISPLAY AND METHOD OF MAKING THE SAME

Irving Bartelstone, Philadelphia, Pa., assignor to Abraham L. Krakovitz and Samuel Krakovitz, both of Philadelphia, Pa., and Fred Krakovitz, Drexel Hill, Pa.

Application June 26, 1935, Serial No. 28,532

8 Claims. (Cl. 41—22)



2. The method of making a nonshatterable decorative article which consists in placing a layer of material imitating material upon a surface of a piece of glass, in covering the said material imitating layer with a stencil, in cutting a design in said stencil, in removing that portion of the stencil within the boundaries of the design, in removing the material imitating layer within the boundaries of the design and forming the said design in the glass, in removing the stencil, in covering the said design with a transparent pigment of a certain specific predetermined color, in affixing a layer of foil over the said material imitating layer and indenting that portion of the same overlying the design into the design and causing the same to assume the outline of the design, and in affixing a layer of nonshatterable material upon the said foil.

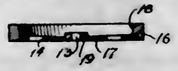
2,125,866

METHOD OF MAKING WHEELS

Raymond T. Bell, Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill., a corporation of Delaware

Application November 21, 1936, Serial No. 111,967

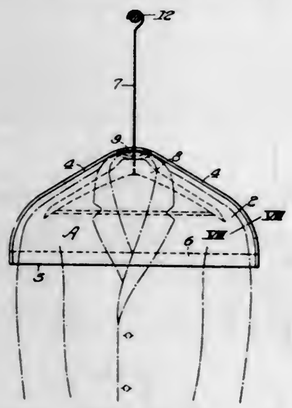
3 Claims. (Cl. 29—178)



1. The method of making a balance wheel which consists in stamping from a flat metal sheet a circular blank having a peripheral flange and apertured bottom respectively of the same thickness as the original metal sheet, said apertures of the bottom being disposed on either side of portions thereof to be utilized in forming spokes for said wheel, coining this blank to upset

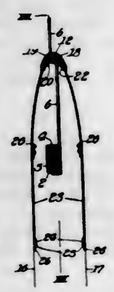
the flange and bottom to form a thickened rim and a bottom of varying thickness, said apertures being adapted to receive surplus metal resulting from the coining operation, and thereafter removing portions of the bottom containing said apertures to form wheel spokes.

2,125,867
GARMENT PROTECTOR
Edward H. Binns, Pittsburgh, Pa.
Application February 25, 1936, Serial No. 65,603
10 Claims. (Cl. 223—85)



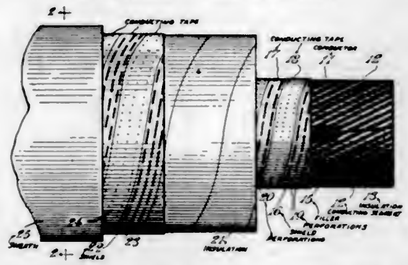
1. A garment protecting cover consisting of an open bottom pouch composed of a front and back section transversely connected centrally of its top and side portions having at the upper middle portion of one section a slopingly disposed slitted one piece section of friction creating material adapted to frictionally engage the shank of a garment support.

2,125,868
GARMENT PROTECTOR
Edward H. Binns, Pittsburgh, Pa.
Application July 20, 1936, Serial No. 91,536
2 Claims. (Cl. 206—7)



1. In combination with a carrying stem having an upper supporting hook and a lower yoke connecting terminal, and intervening fixedly connected oppositely disposed transverse arms; an enclosing plural wall casing having a top portion coextensive with and engaging over said transverse arms and provided with outer and inner permanently attached reinforcing and connecting means surrounding the arms.

2,125,869
ELECTRICAL CONDUCTOR
Ralph W. Atkinson, Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y., a corporation of New Jersey
Application July 18, 1933, Serial No. 681,022
15 Claims. (Cl. 173—266)



1. An electric conductor having reduced skin effect comprising a plurality of conducting segments cabled together, each segment comprising a stranded conductor, and an electrostatic shield enclosing the assembled segments and connected electrically thereto adjacent the outer surface of the conductor.

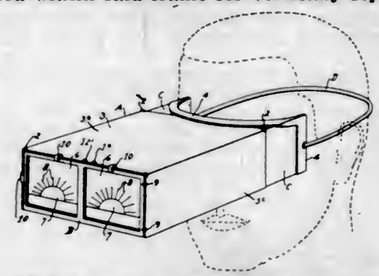
2,125,870
ALUMINUM BRONZE POWDER
Furman C. Arthur, Oakmont, and Jesse Bryte Barnitt, Pittsburgh, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1930, Serial No. 494,872
1 Claim. (Cl. 134—76)

As a new product fine aluminum bronze powder having the property of substantially complete leafing in a vehicle to present a brilliant, smooth surface, and composed of particles of such fineness that at least 98.5 per cent will pass through a screen having 325 openings to the lineal inch.

2,125,871
FOLDING OPTICAL DEVICE
John P. Austin, St. Louis, Mo.
Application October 28, 1936, Serial No. 107,932
1 Claim. (Cl. 35—17)

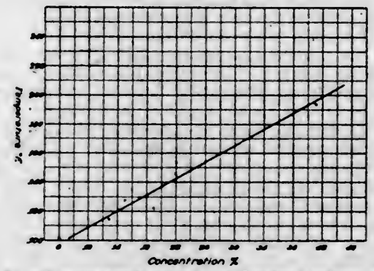
In a folding optical device, a foldable frame provided with an open end to accommodate the

eyes of the wearer of such device, means for detachably securing said device in unfolded condition, a light-proof foldable cover for said frame, a pair of translucent views at the end of said frame opposite the said open end of said frame, a longitudinally positioned, foldable division wall located within said frame for vertically separat-



ing said views from each other from an optical standpoint, means for supporting said views in said foldable frame and retaining said views firmly in both folded and unfolded positions, means for excluding light between said device and the face of the wearer when said device is mounted on the head of the wearer, means for securing said device on the head of the wearer.

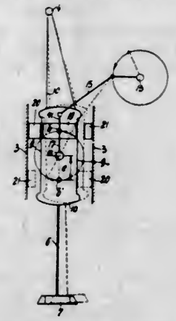
2,125,872
HYDROCARBON RESIN PROCESS
Maurice H. Arveson, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application March 9, 1937, Serial No. 129,803
9 Claims. (Cl. 260—2)



1. In the manufacture of hydrocarbon resins wherein liquid isobutylene is polymerized by the catalytic action of an active metal halide in the presence of from 55–95% of butanes and normal butylenes at temperatures below 0° F., the improvement comprising heating the reaction product in the presence of the said butanes and normal butylenes to a temperature in the range of 190 to 210° F. where the desired heavy polymer fraction is caused to separate and thereafter recovering a remaining lighter polymer fraction from the solution by evaporation.

2,125,873
SHAPING MACHINE
Ernst Aeberli, Horgen, Switzerland
Application January 26, 1935, Serial No. 3,599
In Germany January 31, 1934
7 Claims. (Cl. 90—9)

7. In a shaping machine, a reciprocatory ram, a bracket fixed on the ram, a holder mounted on said bracket to participate in the movement of the ram and have pivotal movement on an axis extending transversely of the movement of the ram, a cutter carrying spindle journaled in said holder to rotate on an axis extending parallelly of the movement of the ram, spacers adapted to be interchangeably mounted on the bracket at opposite sides of the holder, one of said spacers being adapted for engagement of the holder to limit the pivotal movements of the holder to position the cutter carrying spindle with the cutter in operative and out of cutting positions, means connected to and operative from the movements of the ram to move the holder into and hold it in engagement with one spacer and the cutter carrying spindle with the cutter in opera-



tive cutting position by and during the movement of the ram in one direction, and to move the holder laterally into and hold it in engagement with the other spacer and the cutter carrying spindle with the cutter out of cutting position by and during the movement of the ram in the opposite direction, and means to connect said latter means in one of two positions with the ram and predetermine the direction of movement of the holder to position the holder and cutter carrying spindle with the cutter out of cutting position at one or the opposite side of the cutting position of the cutter.

2,125,874
PROCESS FOR COVERING OF ARTICLES WITH DERIVATIVES OF CELLULOSE
Bjorn Andersen, Maplewood, N. J., assignor to Celluloid Corporation, a corporation of New Jersey
No Drawing. Application August 2, 1934, Serial No. 738,101
8 Claims. (Cl. 18—59)

4. Process for the manufacture of articles comprising an adherent cellulose derivative coating on a rigid base, which comprises stretching around the base a preformed non-fibrous cellulose derivative sheet containing a water soluble softening agent for the cellulose derivative in amount sufficient to render the said sheet flexible, and subsequently leaching out the water soluble softening agent by means of water.

2,125,875
DIESEL FUEL
Daniel P. Barnard, IV, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application April 17, 1935, Serial No. 16,828
9 Claims. (Cl. 44—9)

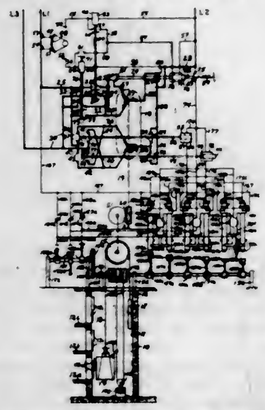
1. A method of raising the cetene number of a high speed Diesel engine fuel oil having a 10% distillation point of between 400° F. and 460° F., a 90% distillation point of between 460° F. and

475° F. and an end distillation point of between 500° F. and 720° F. which comprises adding and dissolving in said fuel oil from about 5% to about 20% of paraffin wax and from about 1% to about 20% of a pour point depressor of the condensation type obtained by reacting a halogenated hydrocarbon and an aromatic hydrocarbon, said pour point depressor being used in an amount sufficient to lower the pour point of the fuel to below 30° F. and to increase further the cetene number thereof.

2,125,876

AUTOMATIC LEVELING SYSTEM FOR ELEVATORS

James H. Bartholomew, Warsaw, N. Y.
Application October 10, 1936, Serial No. 105,070
19 Claims. (Cl. 187—29)



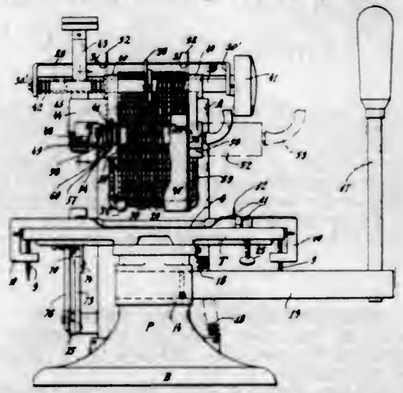
1. In an automatic system for leveling an elevator car with respect to a floor, the combination with a prime mover connected to said elevator car and for moving the same with respect to said floor, controlling means associated with said prime mover for controlling the operation thereof, a control circuit including a control coil for operating said controlling means and including a pair of control contacts, and a leveling relay including an armature carrying one of said control contacts, including a contact arm carrying the other control contact, and including a magnetic coil adapted upon being energized to attract and hold said armature in position for engagement of the control contact thereon with the control contact on said contact arm, of an energizing circuit including zone contacts and said magnetic coil, a zone arm connected to said car and adapted to close said zone contacts for energization of said magnetic coil only when said car is near said floor, and a limit arm connected to and having a movement corresponding to the movement of said car, for engaging said contact arm to hold it and the control contact thereon in position for contact with the control contact on said armature upon energization of said magnetic coil, and disengaging said contact arm to open said contacts and said control circuit so that said controlling means is operated to stop said prime mover precisely when the car is level with said floor.

2,125,877

IMPRESSION MAKING OR PRINTING MEANS

Max Bayerdorffer, New York, N. Y.
Application March 16, 1937, Serial No. 131,173
6 Claims. (Cl. 101—110)

1. In impression making means, a fixed support, a plurality of toothed wheels arranged with impression making characters on the teeth thereof, the teeth being of less thickness than the body of the wheels with a face of the teeth extending in the plane of a side of the wheel and arranging the wheel with an annular shoulder at the opposite side of the teeth and said wheels being mounted on the support to have independent rotative adjustment to aline predetermined characters on the teeth of the wheels and the wheels arranged with the side having the annular shoulder contiguous to the side of an adjacent wheel extending in the plane of a side of the teeth and axially space the teeth of adjacent wheels, a plate fixed on the support at each end of the wheels and having an opening in line with the tooth portion of the wheels, a

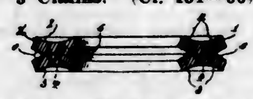


longitudinally adjustable bar engaged in said plate openings and in alined tooth spaces of the wheels arranged with a transverse slot intermediate the ends adapted by the adjustment of the bar to be placed in register with any one of the wheels to permit of rotative adjustment of said wheel and hold the other wheels against rotation and retain all of the wheels in adjusted positions in one position of adjustment of the bar, a gear connected to and adjustable with the bar rotatable in the plane of the bar slot operative by the rotation thereof to adjust the impression making wheel registering with said bar slot, and means connected to the gear operative to adjust the gear and bar increments of movement of equal length and yieldingly retain the gear and bar in adjusted positions.

2,125,878

NUT LOCK

Edward B. Beasley, Ruxton, Md., assignor of one-fourth to Clyde E. Hutsel, Baltimore, Md.
Application April 28, 1937, Serial No. 139,534
3 Claims. (Cl. 151—36)

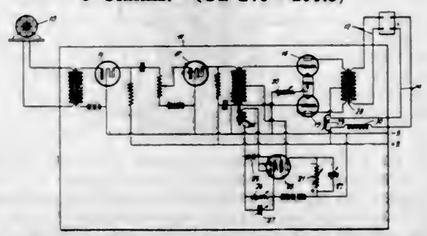


1. A nut lock in the form of a ring of resilient metal, the radial cross section of the ring being in the form of two oppositely disposed arches having their keystones integral and substantially identical, and the inner and outer peripheral edges of the ring being grooved substantially in the form of a V about the entire inner and outer peripheral length of the ring to complete the arches, the arches being flattened and the said grooves being closed when the nut is tightened, providing locking tension due to the reaction of the ring when thus deflected, the walls of each arch being of substantially uniform thickness beyond the keystone.

2,125,879

SIGNAL RESPONSIVE DEVICE

Herbert Belar, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application September 25, 1935, Serial No. 41,987
6 Claims. (Cl. 179—100.3)



1. A sound recording apparatus including a light source, a light control device, means comprising an amplifier for energizing said device, means for biasing said amplifier substantially to the lowest plate current on the linear portion of its characteristic curve, means for varying said bias in response to the amplitude of said sound, and means in the plate supply circuit of said amplifier actuated in accordance with the envelope of signals supplied to said light control device.

2,125,880

MANUFACTURE OF MIXED ALIPHATO-NITRO CELLULOSE AND PRODUCTS THEREOF

Ernst Berl, Pittsburgh, Pa.
No Drawing. Application July 3, 1936, Serial No. 88,900. In Great Britain April 12, 1935
6 Claims. (Cl. 260—101)

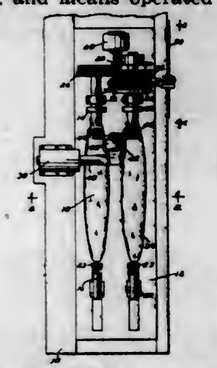
1. The method of producing acetone-soluble mixed esters of cellulose which comprises reacting cellulose and a mixture of a catalyst, acetic acid and nitric acid containing very little water, washing said treated material to remove spent acid, treating said washed material with acetic anhydride containing a non-solvent swelling agent in the presence of a catalyst, removing excess acid, heating said acetone-insoluble acetylated material in the presence of a catalyst in at least one of the fatty acids having not more than 5 carbon atoms until a test piece shows complete solubility in acetone and stabilizing said mixed esters of cellulose containing nitrogen and acyl radicles of at least one of the lower fatty acids having not more than 5 carbon atoms whereby fatty acid nitrates of cellulose are produced.

2,125,881

FORMING MACHINE

Henry A. Berliner, Washington, D. C.
Application March 17, 1937, Serial No. 131,312
14 Claims. (Cl. 90—13.3)

1. A forming machine comprising means for rotatably supporting a work piece, means for rotatably supporting a pattern, power means for synchronously rotating the work piece and pattern, a carriage movable toward and away from the pattern and work piece and carrying a follower engageable with the pattern and a forming tool engageable with said work piece, said pattern guiding movement of the carriage, said pattern and work piece being movable lineally relative to the carriage, and means operated by said lineal

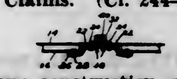


movement for turning the work piece and pattern relatively to each other.

2,125,882

AIRCRAFT CONSTRUCTION

Henry A. Berliner, Washington, D. C.
Application March 17, 1937, Serial No. 131,313
5 Claims. (Cl. 244—124)

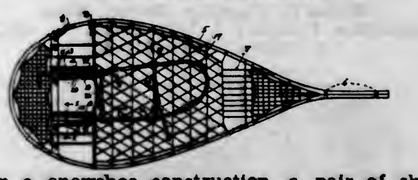


1. In airplane construction, an elongated sectional member comprising an outer skin, a corrugated sheet secured to said skin, and a flanged connecting member having a portion lying in contact with and secured to said skin and another portion shaped to conform with and secured to said corrugated sheet.

2,125,883

SNOWSHOE

Anson Berry, Northfield, Maine; Iva L. Berry administrator of said Anson Berry, deceased
Application May 12, 1936, Serial No. 79,383
1 Claim. (Cl. 36—4.5)



In a snowshoe construction, a pair of shoe attached channeled members, a substantially U-shaped frame against which the heel of the wearer's shoe can engage, said U-shaped member being provided with transverse loops at their free ends disposed into the channeled members and pins disposed through the channeled members and through the said loops, for swingably connecting the U-shaped member to the channeled members, each of the said channeled members being provided with a forwardly extending shoe strut embracing strap.

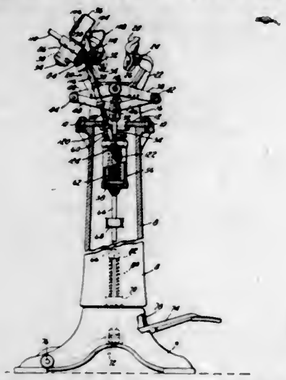
2,125,884

MACHINE FOR LASTING SHOES

Eli Brothers, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 4, 1937, Serial No. 167,102
12 Claims. (Cl. 12—7)

1. In a machine for lasting shoes, the combination of means for supporting a shoe, a flex-

ible member for working the lasting margin of the shoe upper into overlasted relation to an insole, and means for actuating said flexible member to cause it to operate on portions of the up-

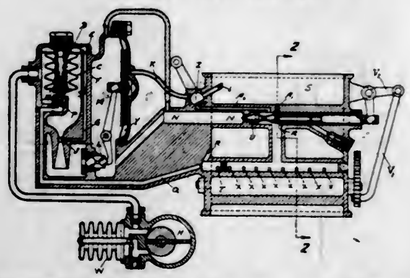


per located at separated portions of the shoe bottom simultaneously and in planes substantially parallel to the planes of the shoe bottom at which said portions of the upper are located.

2,125,885
COMPOSITIONS AND PROCESS
Herman A. Bruson, Elkins Park, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application January 17, 1935, Serial No. 2,203
15 Claims. (Cl. 260—2)

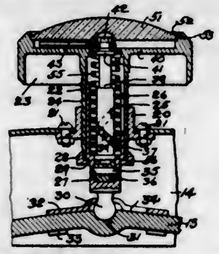
1. A co-polymer of at least two different monohydric aliphatic alcohol esters of alpha-methacrylic acid, one of which contains less than six carbon atoms in the alcohol radical and another more than five carbon atoms in the alcohol radical.

2,125,886
FUEL CONTROL MEANS
Milton E. Chandler, Detroit, Mich.
Application February 1, 1937, Serial No. 123,359
6 Claims. (Cl. 261—41)



1. In a carburetor having a source of fuel supply under substantially constant pressure, a fuel supply chamber connected thereto, a pressure reducing valve therefor adapted to maintain a relatively low pressure of constant value in said chamber, a fuel outlet passage from said chamber adapted to discharge into said carburetor, a second fuel passage connecting the high pressure fuel directly to the carburetor, a second fuel valve in said passage, and means responsive to the flow of gasoline from the high pressure fuel inlet to the pressure reducing valve for operating said second valve for the purpose described.

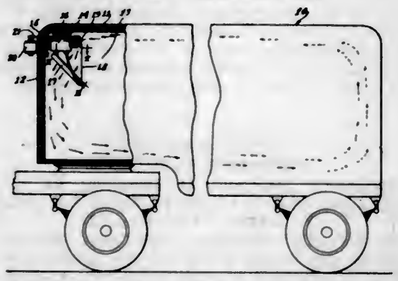
2,125,887
PRESSURE INDICATOR FOR CLOTHES WRINGERS
Edwin S. Cook, Memphis, Tenn.
Application May 6, 1937, Serial No. 141,054
10 Claims. (Cl. 68—262)



7. In a clothes wringer having a frame, a pair of relatively approachable rollers and a cross member for urging said rollers together, a member carried by said frame and manually adjustable toward or away from said cross member, interposed resilient means for transferring thrust from said adjustable member to said cross member, a stem, rotatably carried by said member and restrained from axial movement relative thereto, said stem extending toward said cross member, a post, non-rotatable relative to said member, carried by said cross member and extending therefrom into co-operative telescopic relation with said rotatably mounted stem, interacting means carried by said stem and said post, co-operative to establish rotation of said stem on relative longitudinal movement of said stem and post and co-operative indicating means carried respectively by said member and said stem.

10. In a clothes wringer having relatively approachable rollers, pressure applying means, relatively non-rotatable pressure transmitting means and an interposed pressure spring; said pressure applying means, including a hand-wheel, carrying a concentric indicating dial and a coaxial relatively rotatable indicating pointer; and means for actuatably coupling said pointer and said pressure delivering means.

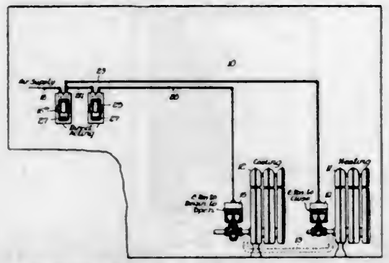
2,125,888
DRY ICE REFRIGERATING APPARATUS
Almon J. Cordrey, Chicago, Ill., assignor to The Liquid Carbonic Corporation, Chicago, Ill., a corporation of Delaware
Application June 29, 1936, Serial No. 87,881
5 Claims. (Cl. 62—91.5)



4. In combination with an enclosure having walls and a ceiling, a refrigeration apparatus for cooling said enclosure comprising an insulated housing for a cooling agent mounted along a wall of the enclosure near the ceiling of the enclosure, a liquid container in said housing having inlet

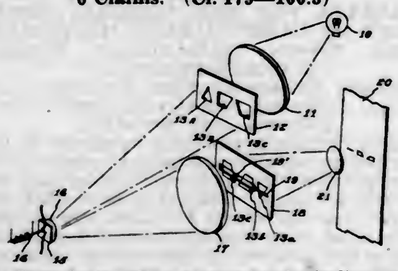
and outlet openings thereto with the inlet opening above the outlet opening, a heat exchanger suspended below the housing, piping connecting the outlet opening of the liquid container with the bottom of the heat exchanger, additional piping connecting the inlet opening of the liquid container with the top of the heat exchanger, a shield disposed in spaced relation around part of said housing and said heat exchanger below the ceiling of the enclosure and defining with the adjacent wall of the enclosure a passageway for air, and a fan for propelling air from the top of the enclosure downwardly through said passageway to flow around the heat exchanger and be cooled by contact therewith, whereby liquid from the container in the heat exchanger is warmed and flows upwardly back to the liquid container to be cooled therein by the cooling agent in the housing and recirculated back to the heat exchanger.

2,125,889
THERMOSTATIC CONTROL FOR HEATING AND COOLING SYSTEMS
Alvin L. Crump, Evanston, Ill., assignor to The Powers Regulator Company, Chicago, Ill., a corporation of Illinois
Application November 9, 1936, Serial No. 109,851
6 Claims. (Cl. 236—1)



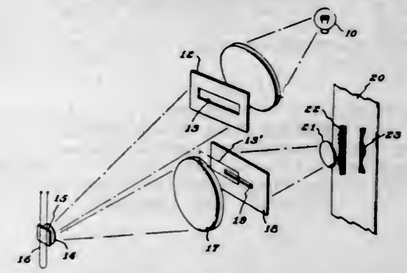
1. The combination, in a space, of a heating device and a cooling device and means for delivering heating and cooling mediums thereto, a direct-acting diaphragm valve for controlling the admission of a medium to one device and a reverse acting valve for controlling the admission of medium to the other device, a thermostat and a pipe connecting the outlet therefrom to one of said diaphragm valves, a second thermostat and a pipe connecting the outlet therefrom to the other diaphragm valve and a pipe connecting the inlet to said second thermostat to the outlet pipe from the first thermostat.

2,125,890
SOUND RECORDING
Ellsworth D. Cook, Scotia, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 27, 1936, Serial No. 87,618
6 Claims. (Cl. 179—100.3)



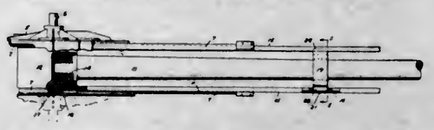
1. Sound recording apparatus including means for producing a substantially triangular beam of light, means for producing two beams of light complementary to the sides of said triangle, means for vibrating all of said beams in accordance with sound waves, means for selecting a narrow portion of said triangular beam and for selecting portions of said complementary beams corresponding in width with the wave length of the lowest frequency to be recorded and means for directing said selected portions onto a photographic record surface.

2,125,891
SOUND RECORDING
Ellsworth D. Cook, Scotia, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 30, 1936, Serial No. 88,131
7 Claims. (Cl. 179—100.3)



1. Sound recording apparatus including means for producing a beam of light corresponding in width with the wave length of the lowest frequency to be recorded, means for vibrating said beam in accordance with sound waves, means for directing a portion of said beam onto a record strip for recording the envelope of sound waves and means for selecting a narrow portion of said beam and directing it toward said record strip for recording the sound waves.

2,125,892
GUN
August Dabrasky, Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of War
Application February 4, 1938, Serial No. 188,683
6 Claims. (Cl. 89—37)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

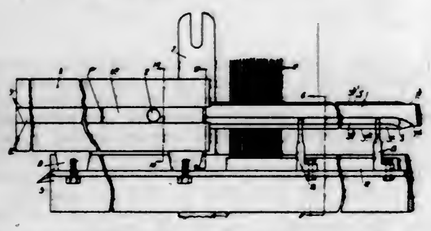


1. In a gun, a cradle including a pair of arms each having a groove on its inner side, a breech ring within the cradle, a pair of rails on the breech ring slidably mounted in the grooves of the cradle arms and extending forwardly of said arms, a gun barrel detachably connected to the breech ring and spaced from the rails, a supporting ring carried by the rails and disposed forwardly of the cradle arms, said ring having a rearwardly tapered internal surface, and an expansion ring carried by the gun barrel and having a rearwardly tapered external surface fitting in the supporting ring, the front and rear faces of the expansion ring provided with arcuate grooves.

2,125,893
RESIN BONDED ARTICLE
Rupert S. Daniels, East Orange, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Continuation of application Serial No. 321,773, November 24, 1928. This application March 30, 1934, Serial No. 718,202. In Canada October 22, 1929
12 Claims. (Cl. 51—280)

1. Method of preparing an abrasive article of the soft-bond type from granules having as a bond an alkyd resin which comprises mixing the granules with the alkyd resin in powder form, molding the mixture into an article, and baking the molded article, when the proportion of resin to granules is about one to seven and the thickness of the article cold-molded under pressures of about 1,500 to 2,000 pounds per square inch is about one-half inch, at about 85° C. for about 16 hours and continuing at about 135 to 150° C. for about 40 to 50 hours, the heating period being in inverse ratio to the temperature and in direct ratio to the thickness, resin content and porosity of the article.

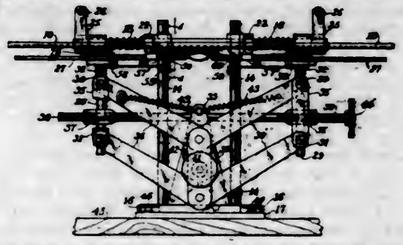
2,125,894
NEEDLE WEAVING LOOM
Raymond Dewas, Amiens, France
Application July 14, 1936, Serial No. 90,512
In France August 16, 1935
9 Claims. (Cl. 139—123)



1. A weft inserting mechanism for looms, comprising the combination with a slay and a shed-forming mechanism, of a needle element including a shed penetrating portion and a heel portion, a guide channel connected to said slay at one side thereof and positioned adjacent the side of the shed where said shed penetrating portion enters, means carried by said heel portion for engaging said guide channel to guide said heel portion to prevent lateral and vertical movement, a longitudinal rib carried by said shed penetrating portion and facing the fell of the cloth and a plurality of spaced guide members mounted at intervals on said slay engaging said rib during the penetrating movement, said rib and said guide members being so constructed that said shed penetrating portion will be guided to prevent lateral and vertical movement, and means for moving the needle through the shed.

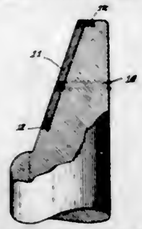
2,125,895
BOOK SUPPORT
Rupert H. Draeger, United States Navy
Application December 18, 1935, Serial No. 55,000
6 Claims. (Cl. 45—86)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A book support comprising two platens, means for keeping constant the average height of the two platens above any plane parallel to said platens when one of said platens is moved and common means for adjusting said average height of and for adjusting the distance between



the platens for accommodating books of varying thicknesses.

2,125,896
ARTICLE OF MANUFACTURE AND METHOD OF PRODUCING THE SAME
Frank H. Driggs, Highland Park, Ill., and Harry W. Highriter, Verona, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 10, 1934, Serial No. 734,450
15 Claims. (Cl. 250—35)

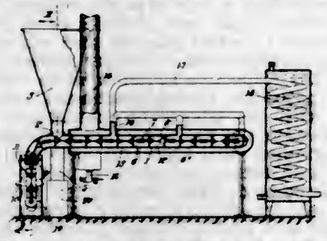


1. An anode for an X-ray tube comprising a composite unit including a plurality of metallic constituents of different compositions and having different coefficients of linear expansion, said constituent whose coefficient of linear expansion is the lower having a high melting point, filamentary means separate from the remaining metallic constituents and totally imbedded in said constituent whose coefficient of linear expansion is the higher for reducing the tendency of said last named constituent to cracking upon repeatedly raising and lowering the temperatures of said constituents, and without affecting the thermal conductivity between said constituents, the fusion point of said filamentary means being higher than that of said constituent whose coefficient of linear expansion is the higher, said filamentary means being disposed immediately adjacent the surface of contact between said metallic constituents.

2,125,897
APPARATUS FOR THE THERMAL TREATMENT OF CARBONACEOUS MATERIALS
Georges Francis Michot-Dupont, Fontaine-Chaalis, France
Application October 15, 1935, Serial No. 45,071
In France February 21, 1935
3 Claims. (Cl. 202—117)

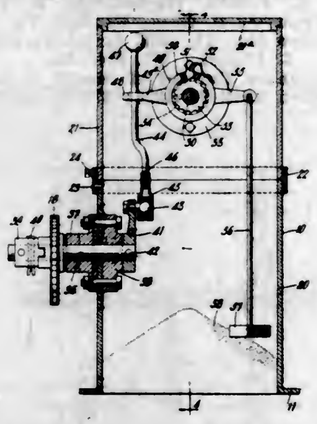
2. A retort for the thermal treatment of carbonaceous materials comprising a conduit having a relatively hot end and a relatively cool end; a feeder for the material to be treated, near the cool end; an offtake for gases evolved from the material upon heating, located well in advance of the hot end of the conduit; and conveyer means in said conduit profiled to conform

closely to the inner contour thereof, but constructed and arranged so as to provide a passage



spaced from the conduit walls, through which the evolved gases must pass in order to escape from the hot end to the offtake.

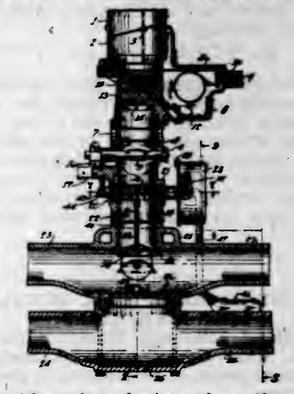
2,125,898
CONVEYER APPARATUS
Marinus Dykstra, White Plains, N. Y., assignor, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y., a corporation of New York
Application August 13, 1935, Serial No. 35,914
12 Claims. (Cl. 198—37)



1. Apparatus for conveying fuel to a burner comprising a conveyer adapted to convey fuel from a receiver to said burner, a second conveyer adapted to convey fuel to said receiver, said second conveyer being driven by a shaft, a ratchet fixed to said shaft, a rocker arm rotatably mounted on said shaft and carrying a pawl adapted to engage said ratchet, and means to rock said rocker arm in accordance with the height of fuel in said receiver, said second conveyer being adjustable with respect to said first conveyer about a vertical axis.

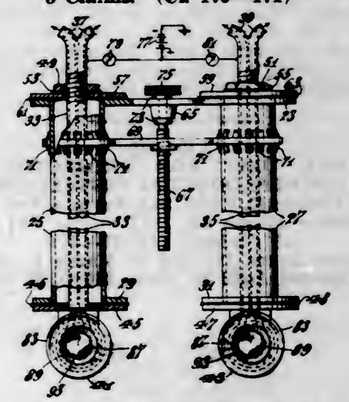
2,125,899
CARBURETING DEVICE
George R. Ericson, Kirkwood, Mo.
Application June 21, 1937, Serial No. 149,480
10 Claims. (Cl. 123—119)

1. In combination, an intake conduit for an internal combustion engine, said conduit having an inlet and an outlet, choke and throttle valves in said conduit, flow-responsive means in said conduit between said inlet and said outlet, a spring device connected to said choke valve so as to urge the same toward closed position for cold starting, and a non-yielding connection between said choke valve and said flow-responsive means under cold starting conditions for opening said choke valve



against said spring device when the associated engine starts to run.

2,125,900
ULTRAHIGH FREQUENCY APPARATUS
John Evans, Oaklyn, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 25, 1936, Serial No. 112,653
8 Claims. (Cl. 179—171)



6. In an ultra high frequency amplifier, a pair of thermionic tubes having cathode, grid and anode electrodes, a pair of hollow conductors capacitively coupled to said anodes and arranged as a resonant line, means positioned within said hollow conductors and insulated therefrom for applying direct currents to said anodes, and means coupling said hollow conductors and said first mentioned means so that said first mentioned means partakes of the resonant characteristics of said hollow conductors and offers high impedance to ultra high frequency currents in said resonant line.

2,125,901
FINISHING TEXTILE MATERIALS
John Gwynant Evans and Charles Edward Salkeld, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application January 14, 1937, Serial No. 120,636. In Great Britain January 15, 1936
15 Claims. (Cl. 91—70)

1. The process of improving the fastness of

starch upon textile material, which comprises incorporating into the material in addition to the starch, a quaternary ammonium compound of the general formula

$$R—X—CH_2—N(tert.)—Y$$

wherein N(tert.) represents the molecule of a tertiary organic base, Y represents the anion of a salt-forming acid, X stands for a non-carbonic link of the group consisting of oxygen, sulfur, imino and substituted imino, and R stands for an organic radical free from water-solubilizing groups, and heating the material at a temperature sufficient to decompose said quaternary compound.

2,125,902

TREATMENT OF ARTIFICIAL TEXTILE AND LIKE MATERIALS

George Holland Ellis and Ernest William Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application September 18, 1935, Serial No. 41,099. In Great Britain September 28, 1934

6 Claims. (Cl. 8—5)

1. Process for the production of dyed artificial materials having an enhanced permanency to light, which comprises imparting a scroop effect to artificial yarns, fabrics and like products having a basis of cellulose acetate by depositing on the whole of said products an acid compound obtainable by reacting upon a carbon-containing polybasic acid with a basic substance, and subsequently dyeing the material with a dyestuff of the 1.4-diamino-anthraquinone type.

2,125,903

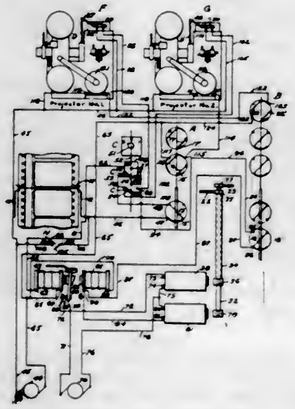
CONTROL UNIT FOR PROJECTOR AND SOUND REPRODUCING INSTALLATIONS

Charles D. Fator, San Antonio, Tex.

Application March 11, 1937, Serial No. 130,316

13 Claims. (Cl. 88—17)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An automatic control-unit for projector installations, wherein there are two projectors, one a finishing, the other the projector going into service, each projector including a traveling film and an automatic fire-shutter adapted to move into open position when the projector going into service attains projection speed, said control-unit comprising a pair of multi-contact switches of the rotary type, said switches being manually operable to a cocked position and self-operating to an uncocked position, trigger mechanisms engaging the respective switches when they are in cocked positions, electro-mechanical means coacting with the trigger mechanisms to successively release the multi-contact switches with a predetermined time interval between releasements, said means including a pair of trip devices associated with the trigger mechanisms, one of said trip devices being electromagnetically operated at a predetermined point in the length of the film of the finishing machine, the other trip device being fire-shutter actuated when the projector going into service has attained projection speed, and means in connection with one of said multi-contact switches to retard its movement to an uncocked position for a time interval predicated on the passage of a selected length of film before the light aperture of the finishing projector.

2,125,904

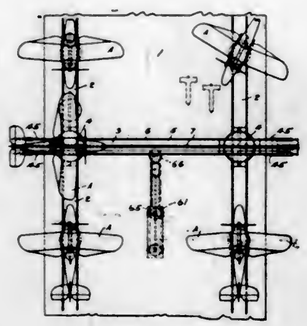
CATAPULT

William M. Fellers, Washington, D. C., and Frederick B. Gross, Rosslyn, Va.

Application May 31, 1928, Serial No. 281,846

32 Claims. (Cl. 244—63)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a device for launching an airplane, a catapult structure adapted to be secured upon a relatively rigid base, a launching track, means for rigidly securing said track upon said structure, means for launching an airplane in either one of opposite directions along said structure, and means at opposite ends of said structure for securing a plane in launching position at either end of the structure and adapted to not obstruct the launching of the plane from the end of the structure at which the plane is not secured.

2,125,905

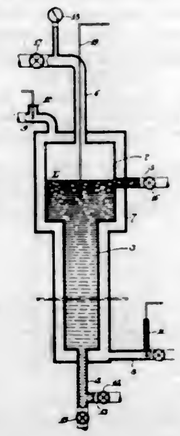
PROCESS OF SEPARATING A MIXTURE OF TRIMETHYLAMINE AND AMMONIA

Merrell R. Fenske, State College, and Chester E. Andrews, Overbrook, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa.

Application March 3, 1937, Serial No. 128,740

4 Claims. (Cl. 260—127)

3. The process of separating a mixture of trimethylamine and ammonia which comprises selectively absorbing the trimethylamine in an aliphatic hydrocarbon solvent.



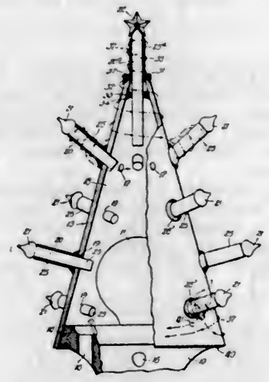
2,125,906

ARTIFICIAL CHRISTMAS TREE

John Frei, Jr., Chicago, Ill., assignor to The Glolite Corporation, Chicago, Ill., a corporation of Illinois

Application April 8, 1936, Serial No. 73,206

4 Claims. (Cl. 240—10)



4. An illuminated artificial Christmas tree comprising, in combination, a hollow form in substantially the desired shape of the tree and constituting the body of the tree, a light source supported within said form, a plurality of elongated light transmitting elements associated with said form, each of said elements having one end disposed in light conducting relationship with said light source and having an object to be illuminated at the opposite end thereof, an elongated relatively opaque rigid tube embracing each of said light transmitting elements, and means securing one end of each of said tubes to said form, said tubes supporting said light transmitting elements upon said form and confining therein the rays of light passing therethrough to said object.

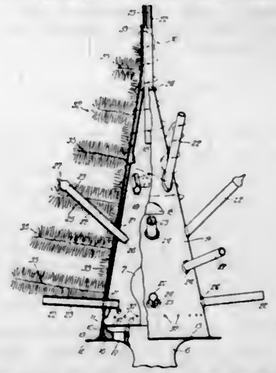
2,125,907

ARTIFICIAL CHRISTMAS TREE AND METHOD OF PRODUCING SAME

John Frei, Jr., Chicago, Ill., assignor to The Glolite Corporation, Chicago, Ill., a corporation of Illinois

Application April 8, 1936, Serial No. 73,207

9 Claims. (Cl. 240—10)



9. A Christmas tree of the class described comprising a hood constituting the body of the tree, supporting members secured to said hood and forming the branches of the tree, light transmitting members carried by said supporting members and communicating with the interior of said hood, a plurality of wires mounted on said hood and carrying material providing foliage for the tree, and a securing wire wrapped substantially spirally about said hood overlying said plurality of wires and carrying additional foliage material for the tree, said securing wire being also wrapped about said supporting members and held thereby against unwrapping.

2,125,908

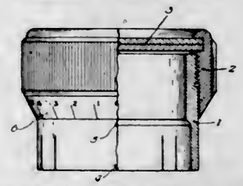
ANALYZER

Hellmuth Frötschner, Berlin-Steglitz, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany

Application December 30, 1936, Serial No. 118,225

In Germany November 26, 1935

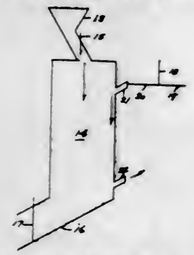
2 Claims. (Cl. 95—81)



1. In combination with a photographic lens mounting, an analyzer disc and a mounting therefor, said analyzer mounting comprising two annular members rotatably adjustably connected with each other, one of said annular members having said analyzer disc rigidly attached thereto, the other said annular members being provided with means frictionally engaging said photographic lens mounting for supporting said analyzer disc in front of said lens mounting, said frictional engagement permitting a ready removal of said analyzer disc from said lens mounting, means on one of said annular members for indicating the relative angular position of said analyzer disc with respect to the other annular member, and cooperating indicating means on

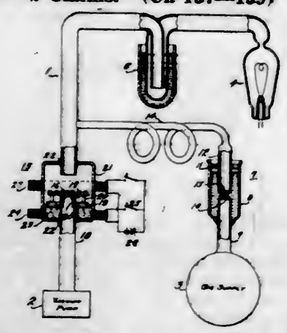
the annular member engaging said lens mounting and on said lens mounting for permitting the attachment of said last mentioned annular member to the lens mounting in a predetermined position.

2,125,909
METALLURGICAL REDUCTION PROCESS
Rudolf Gahl, Berkeley, Calif.
Application June 10, 1935, Serial No. 25,772
2 Claims. (Cl. 75—34)



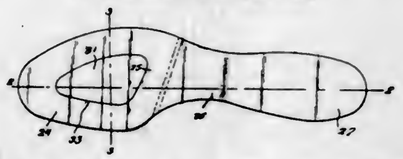
1. A process for producing a sponge metal from an oxide of said metal comprising establishing and maintaining a flowing stream of finely divided ore containing said oxide, establishing and maintaining a substantially cold flowing stream of air and a hydrocarbon gas, said hydrocarbon containing more than one C atom and burning exothermically, mixing said ore stream and said air and gas stream, and igniting said air and gas stream while said streams are flowing in the same direction, said air and gas in said stream being present in such proportions that said gas is only partially reduced upon ignition with said air to produce substantially all the heat and reducing atmosphere in the presence of said ore which are necessary and effective to reduce said oxide substantially to sponge metal.

2,125,910
VACUUM VALVE
Bernard C. Gardner, Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application August 18, 1936, Serial No. 96,611
2 Claims. (Cl. 137—139)



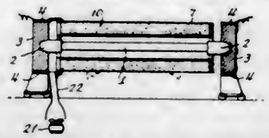
1. A valve structure comprising a glass housing, a glass conduit sealed to said housing and projecting therewithin, a second glass conduit connected to said housing, a body of mercury within said housing, a float of magnetic material resting on said mercury body, a valve closure carried by said float for movement into and out of seating relation to a terminal end of said conduit, guide means secured to said float and disposed to slide within said conduit, and means including a solenoid surrounding said housing for actuating said valve.

2,125,911
SHOEMAKING METHOD AND MEANS THEREFOR
Max Garfinkel, Joseph Ruiz, and William I. Duga, San Francisco, Calif., assignors to The Del-Mac Shoe Process Corporation, New York, N. Y.
Application March 12, 1934, Serial No. 715,216
Renewed November 5, 1936
2 Claims. (Cl. 12—103)



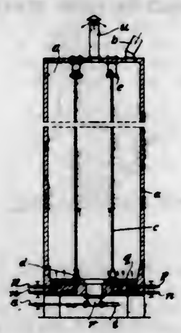
1. The method of producing complementary insole-outsole combinations comprising the steps of providing a leather sole blank of the desired thickness of the outsole and having a grain and a flesh side, placing on the grain side of said sole blank a template substantially conforming in outline to the outline of the sole blank and having its ball portion provided with a central opening and its shank and heel portions of increased thickness with respect to the thickness of said ball portion, and running the superposed sole blank and template through a splitting machine to cut a unitary insole from the flesh side of said sole blank having its lower surface exactly complemental to the upper surface of the outsole from which it is removed, with the shank and heel portions of the insole of increased thickness with respect to the ball portion thereof.

2,125,912
ELECTRICAL HEATING
Henri George, Paris, and Gaston Delpech, Clamart, France, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France
Application December 27, 1932, Serial No. 648,996
In France December 26, 1931
1 Claim. (Cl. 219—36)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



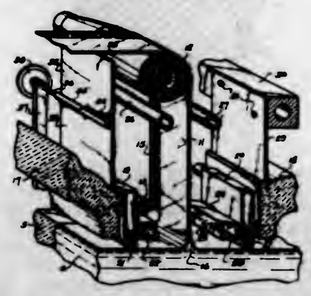
In combination, a hollow cylindrical container having a horizontal central axis, an elongated electric resistance within said container, means connected with said resistance for supplying an electric current thereto, said container being adapted to be filled with a comminuted fusible substance and having openings formed on the circumference thereof for the removal of superfluous amounts of said substance, and means connected with said container for rapidly rotating the same while an electric current is passed through said resistance, whereby the substance within said container is maintained at a predetermined radial distance from said resistance while it is being fused by the heat generated by said resistance.

2,125,913
METHOD AND APPARATUS FOR MIXING FINELY DIVIDED MATERIAL
Paul Goebels, Dessau, Germany
Application March 4, 1936, Serial No. 67,128
7 Claims. (Cl. 259—4)



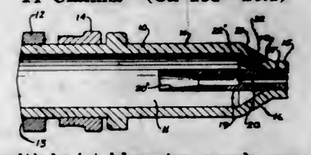
1. In apparatus for the mixing of pulverulent material, the combination with a container having an inlet for the material to be mixed and a discharge outlet, of a mixing zone, means extending to a plurality of different levels in the container for removing material from the strata adjacent each level and conveying the same to said mixing zone, means whereby said material may be returned to said container from said mixing zone, and means for establishing a blanket of gas on portions of said container wall adjacent the said different strata of material to maintain the material about to be thus conveyed in a state of substantial fluidity.

2,125,914
APPARATUS FOR PRODUCING SHEET GLASS
William T. Haight, Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application July 28, 1934, Serial No. 737,333
2 Claims. (Cl. 49—17)



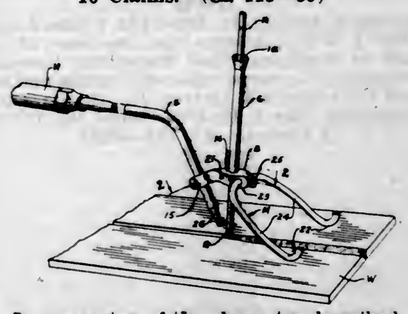
1. In apparatus for producing sheet glass, a receptacle containing a mass of molten glass, means for drawing a sheet upwardly from the surface of said mass, and a cooler arranged at one side of the sheet, said cooler comprising a horizontal, substantially rectangular metal casing having its bottom surface positioned closely adjacent the mass of molten glass and through which a cooling medium is adapted to be circulated, the bottom of said cooler being substantially thicker than the side walls thereof and being machined, and polished to the same thickness throughout its entire length.

2,125,915
BLOWPIPE NOZZLE
John M. Halbing, Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application February 27, 1934, Serial No. 713,243
14 Claims. (Cl. 158—27.4)



1. A multiple jet blowpipe nozzle comprising a body having a main gas supply passage; a tip at the end of said body having a welding jet orifice and a preheating jet orifice both in communication with the main gas supply passage in said body, and a tube soldered to said tip at one of the orifices, said tube extending into the passage in said body back of the other orifice and providing an inlet to said orifice, the axis of which is substantially parallel with the axis of the main passage.

2,125,916
HEAT APPLYING APPARATUS
John M. Halbing, Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application June 9, 1934, Serial No. 729,821
Renewed December 7, 1937
16 Claims. (Cl. 113—59)



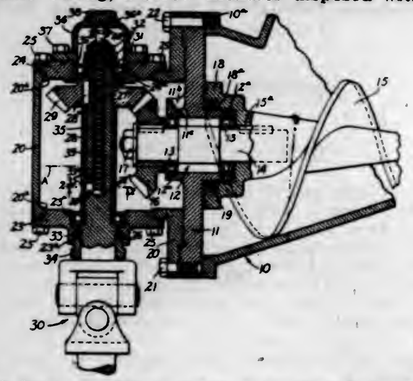
1. In apparatus of the character described, the combination of a body member; a heating means connected thereto; a support for the body member comprising a rod bent to provide two substantially parallel members shaped to rockably contact with a work surface, said support being mounted for angular adjustment with respect to the body; and means for effecting angular adjustment of the body about the contact points of the support with the work.

14. Welding apparatus comprising a nozzle having a bore terminating in an outlet for delivering a welding jet, said bore having a side outlet for delivering a preheating jet, said side outlet being of smaller cross-sectional area than said end outlet and spaced a substantial distance from the latter, the axis of said side outlet being oblique to the axis of said bore and inclined forwardly toward said end outlet.

2,125,917
STOKER LUBRICATION
William Thompson Hanna, Cincinnati, Ohio
Application June 27, 1935, Serial No. 28,647
19 Claims. (Cl. 184—6)

1. In apparatus for driving a rotary fuel moving screw for a stoker, in combination, a casing,

a plurality of anti-friction members mounted in said casing, a driving part rotatably mounted by said anti-friction members, said driving part having a bore communicating with the interior of said casing, a screw member disposed within



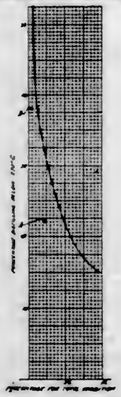
said bore, a driven part extending into said casing, and gear means operatively connecting said parts, said screw member cooperating with one of said parts to lubricate one of said anti-friction members, said gear means and said driven part.

2,125,918

PROCESS OF PRODUCING WOOD PRESERVATIVE

Jacquelin E. Harvey, Jr., Robert H. White, Jr., and John J. White, Atlanta, Ga., assignors of one-half to Southern Wood Preserving Company, Atlanta, Ga., a corporation of Georgia, and one-half to Jacquelin E. Harvey, Jr., Atlanta, Ga.

Application March 16, 1937, Serial No. 131,232
6 Claims. (Cl. 134—78.6)



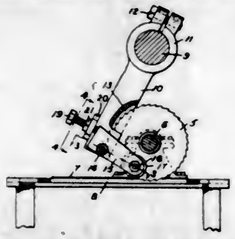
1. The process of producing wood preservative impregnant of the creosote oil type from a mixture of tar fractions with boiling points above 210° C. and with coke residue in excess of 10%, which comprises: hydrogenation of the mixture with temperature, pressure, and time of reaction so controlled as to produce not more than 5% of fractions distilling at 210° C.; by preferential action of said hydrogenation on the high boiling point fractions reducing the percentage of coke residue in the mixture and condensing the range of boiling points of fractions of the mixture toward the low boiling point limits thereof; and by effect of hydrogenation increasing the toxic properties of all fractions.

2,125,919

WORK HOLDER

Clarence E. Harris, Winthrop, Mass.

Application August 4, 1937, Serial No. 157,381
1 Claim. (Cl. 143—157)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



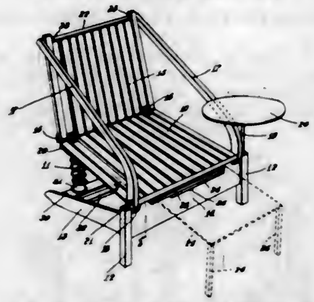
In combination with a circular cutter, a shaft above the cutter, a guard arm carried by the shaft and disposed tangentially to the cutter, said arm having a slot for receiving a portion of the cutter, a pair of levers pivotally mounted on the lower end of the guard arm and disposed on opposite sides of the cutter, a workholding roller on each lever and positioned adjacent the cutting point of the cutter, and a pair of set screws carried by the arm, each set screw engageable with an end face of one lever above the point of pivotal mounting of the lever and holding the lever approximately perpendicular to the guard arm.

2,125,920

CHAIR

David Homer Hayden, Candlewood Isle, New Fairfield, Conn.

Application November 30, 1935, Serial No. 52,389
5 Claims. (Cl. 155—53)



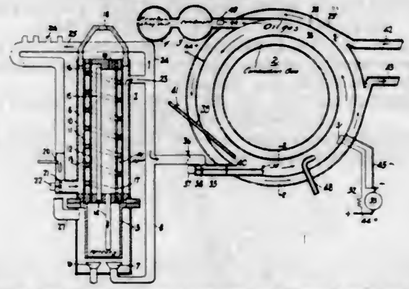
5. A chair comprising an underframe adapted to rest on the floor, a flexible seat pivotally secured to the underframe adjacent the front edge of the seat, a back connected to, carried by, and adapted to laterally tilt with the rear end portion of said seat, spring means between the underframe and seat for resiliently supporting said seat and back for simultaneous movement for both the back and rear end portion of said seat, and substantially rigid arms pivotally connecting said back above the seat to the front portion of said underframe to maintain the angle between the seat and back substantially fixed as the rear portion of said seat is lowered by the weight of an occupant against the action of said spring means, said arms having limited pivotal movement in both vertical and horizontal planes, said seat being adapted to twist to allow one rear corner portion to be moved up or down with respect to the other rear corner portion as an occupant may shift his weight or position, said twisting of the rear seat portion being accompanied by lateral tilting of the back and pivotal movement of said arms, said arms being connected to the underframe adjacent the level of the front edge of said seat.

2,125,921

METHOD FOR PRODUCING GASOLINE

Charles B. Hillhouse, New York, N. Y., assignor to Sylvia Remsen Hillhouse, New York, N. Y.

Application July 20, 1935, Serial No. 32,443
1 Claim. (Cl. 196—66)



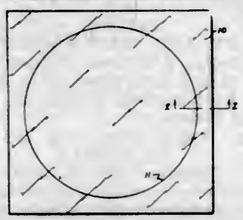
The method of producing gasoline from petroleum which comprises supplying to a chamber a volume of hot combustible oil gases at about 750° F., causing said gases to flow over a closed path in a cycle and back to the point of entry thereof to the chamber, supplying heat to said gases indirectly throughout the length of the cycle at about 1100° F., spraying into said gases in atomized form a quantity of petroleum whereby said petroleum is converted into a light derivative of gasoline vapor, withdrawing said vapor from the chamber and condensing the vapor to a liquid form.

2,125,922

METHOD OF CUTTING GLASS SHEETS

John J. Hopfield, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application September 26, 1935, Serial No. 42,285
6 Claims. (Cl. 49—77)



1. The method of cutting glass sheets, which consists in first mechanically scoring the sheet, then suddenly chilling the scored surface to cause the sheet to automatically fracture along the score line through a portion only of its thickness, and in then heating the glass sheet to one side only of the score line to complete the breaking operation.

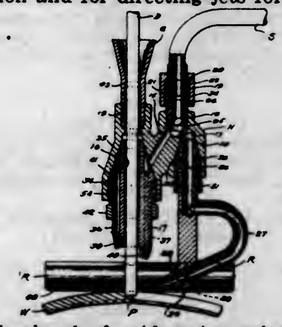
2,125,923

WELDING APPARATUS

Frank C. Hutchison, Merriam, Kans., and Wilgot J. Jacobsson, Scotch Plains, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application July 21, 1933, Serial No. 681,570
Renewed February 24, 1938
25 Claims. (Cl. 113—59)

1. A manually operable apparatus for use in welding two members together along a seam, said apparatus comprising a gas distributing head; a guide having an opening for progressively directing a welding rod into the welding region; means for directing a jet of welding heat upon said region and for directing jets for preheating



the work ahead of said region substantially at right angles to said jet of welding heat; a second means for directing jets against the front and rear sides of said welding rod; and means having a carriage for manipulating said apparatus with respect to the seam between said members.

2,125,924

SULPHUR COLORS BY THIONATION

Alfred J. Johnson, Woodstown, N. J., and George C. Strouse, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 13, 1936, Serial No. 110,642
9 Claims. (Cl. 260—19)

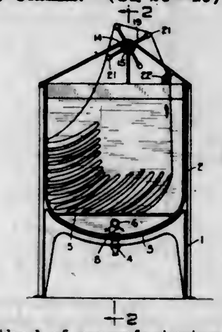
1. The method of thionating intermediates for sulphur colors which comprises making a reaction medium having a boiling point from about 103° to about 125° C. by mixing an alkali metal polysulphide containing water in excess of that which would be contained in the $Na_2S \cdot 9H_2O$ content of a sodium polysulphide medium of equal alkali and sulphur content and a solvent selected from the group consisting of a mono-alkyl-ether of ethylene glycol and diethylene glycol, and heating said intermediate in said reaction medium and at about the boiling point thereof until the intermediate is thionated.

2,125,925

FINISHING OF TEXTILE MATERIALS OF MIXED TYPES OF FIBERS

Daniel H. Jones, Collingswood, N. J., assignor to Celanese Corporation of America, a corporation of Delaware

Application August 15, 1935, Serial No. 36,266
9 Claims. (Cl. 26—19)



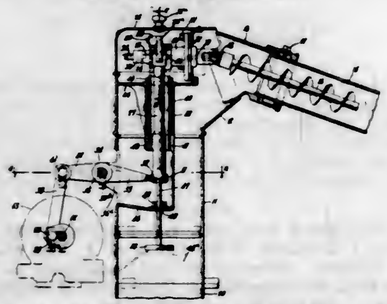
1. In a method of manufacturing fabrics con-

taining yarns formed from a mixture of animal fibers and artificial fibers the steps of repeatedly immersing and working the fabric in a heated path under such conditions that it bunches upon itself in the bath and the folds frictionally engage each other, withdrawing the fabric from the bath and frictionally engaging the same with a roller so as to flatten the fabric, whereby the proportion of animal fibers in the surface of the fabric is increased.

2,125,926
COAL CONVEYER

Frederick Kalmbach, New York, N. Y., assignor, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y., a corporation of New York

Application August 27, 1935, Serial No. 38,034
9 Claims. (Cl. 198—37)

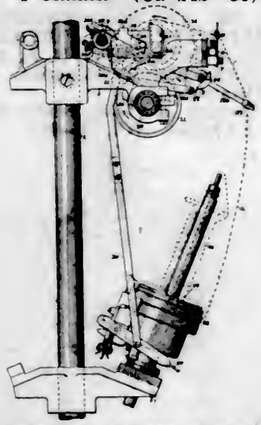


1. In a device for conveying solid fuel, a receiver, a conveyer for supplying fuel to said receiver, a shaft for driving said conveyer, a ratchet wheel fixed to the shaft, a rotatably mounted rocker having an arm, a pawl on said arm adapted to engage the ratchet, means for rocking said rocker and pawl, and means carried by said last named means for regulating automatically the extent of movement of said rocking means in accordance with the amount of fuel in said receiver.

2,125,927
WINDING MACHINE

Frederick Klein, Glen Rock, N. J., assignor to Sipp-Eastwood Corporation, Paterson, N. J., a corporation of New Jersey

Application September 26, 1936, Serial No. 102,793
4 Claims. (Cl. 242—36)

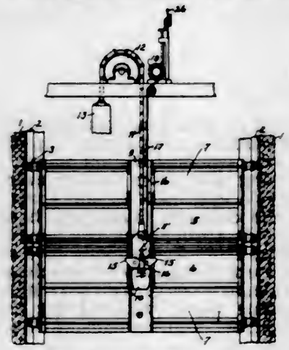


1. Mechanism of the class described including, with supporting means, rotary means journaled therein with its axis substantially horizontal, said mechanism supporting the mass to be wound with its periphery normally in contact with a peripheral surface of said means, a device movable to shift the mass clear of said rotary means, means movable to move said device, said device and second-named means being coaxially pivoted on the supporting means, and elastic means interposed between the last-named means and said device.

2,125,928
MECHANISM FOR SELECTIVELY HOOKING SEGMENTAL GATE STRUCTURES

Lewis E. Knerr, Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War

Application May 25, 1937, Serial No. 144,614
5 Claims. (Cl. 61—28)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a mechanism of the character described the combination with a gate segment formed with a well; of a hooking device movable in the well, coacting means between the hooking device and the segment to effect a connection therebetween and hoisting means in connection with said hooking device.

2,125,929
ALLOY AND MANUFACTURES

Vsevolod Nicholas Krivobok, Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md., a corporation of Delaware

No Drawing. Application June 25, 1935, Serial No. 28,374
3 Claims. (Cl. 75—128)

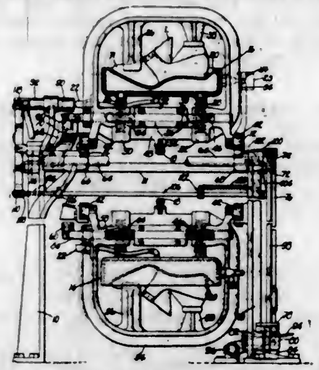
1. In manufactures of the class described, alloy iron or steel articles substantially of austenitic structure for use under high temperature conditions of stress, said articles comprising as ingredients, 10 per cent to 25 percent chromium, 7 per cent to 15 per cent nickel, 2.1 per cent to 4 per cent tungsen, .7 per cent to 3 per cent molybdenum, .03 per cent to .2 per cent carbon, and the balance consisting of iron.

2,125,930
MACHINE FOR USE IN APPLYING PRESSURE TO SHOE BOTTOMS

John T. Lancaster, Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application February 11, 1935, Serial No. 5,959
19 Claims. (Cl. 12—36)

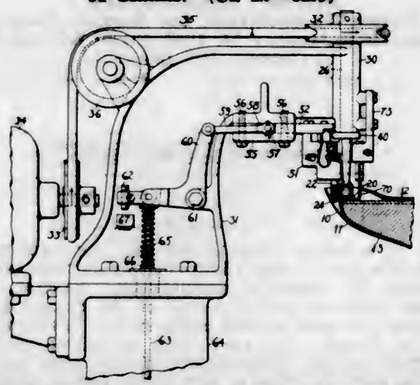
1. A machine for applying pressure to shoe bottoms having, in combination, a pad box provided with a pad for receiving a sole and shoe, an upstanding frame for supporting said pad box, said frame surrounding the pad box longitudinally, abutments on the frame for engaging a shoe on the pad, mechanism carried by the frame for moving the pad box heightwise relatively thereto to bring the shoe into engagement with the abutments before pressure is applied to the shoe bottom, and means independent of the frame for actuating said mechanism.



2,125,931
TRIMMING MACHINE

John T. Lancaster, Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application March 9, 1936, Serial No. 67,847
31 Claims. (Cl. 12—83.5)



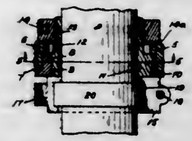
1. A trimming machine comprising two shearing members and power-driven means for operating one of them to sever a marginal strip from an inner layer of unlasted upper materials loosely enveloping the toe of the insole of a partially fabricated shoe on a last, one of said shearing members being formed and arranged to project between said inner layer and a confronting outer layer intersecting the shearing plane of said members.

2,125,932
TELESCOPIC SIGHT MOUNTING

Robert J. Lennon, East Moline, Ill.

Application July 30, 1937, Serial No. 156,547
4 Claims. (Cl. 33—50)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

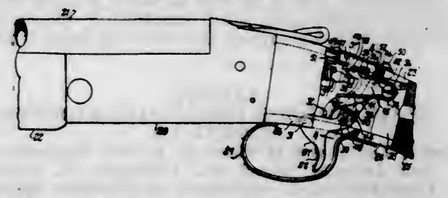
4. In a telescopic sight mounting, a support including a bearing, cooperating and relatively rotatable inner and outer eccentric rings in the bearing, the bore of the inner ring being concentric with the outside of the outer ring in one position of adjustment, means on the inner ring for engaging the bearing to lock the rings in position of adjustment, and a telescopic sight secured in the inner ring.



2,125,933
SAFETY DEVICE FOR FIREARMS

George S. Lewis, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland

Application May 14, 1936, Serial No. 79,674
2 Claims. (Cl. 42—70)



1. In a firearm, the combination with a frame having a rearwardly-extending upper tang formed with an opening therein; of a firing-mechanism including a trigger; a locking-member pivoted at its lower end to the said trigger and having its upper end projectable into the opening in the tang of the said frame and provided with an upwardly-opening coupling-notch; and a manual operating-slide positioned upon the upper surface of the tang of the frame, and having a coupling-projection extending through the opening therein and into the upwardly-opening coupling-notch of the said locking-member to couple the latter to the said slide for being rocked thereby, the upper end of the said locking-member being constructed and arranged to be shiftable into one position wherein it registers with the opening in the said tang through which the said coupling-projection extends from the said operating-slide, and the outer end of the said locking-member also being shiftable into another position wherein a portion of its upper end is brought out of registration with the slot in the said tang to thereby prevent the upper end of the said locking-member from entering the slot in the said tang when the trigger is operated.

2,125,934
LUBRICATING OIL

Leo Liberthson, New York, N. Y., assignor to L. Sonnebern Sons Inc., a corporation of Delaware

No Drawing. Application March 3, 1936, Serial No. 66,320
4 Claims. (Cl. 87—9)

1. A non-corroding lubricating oil composition consisting of a lubricating oil containing paraffinic constituents, and from 0.05 to 0.5% of a cobalt mahogany sulphonate, said lubricating oil being derived from a Pennsylvania paraffin base crude.

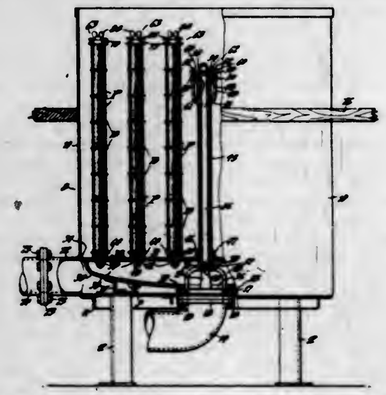
2,125,935
LUBRICATING OIL
Leo Liberthson, New York, N. Y., assignor to L. Sonneborn Sons Inc., a corporation of Delaware
No Drawing. Application March 3, 1936, Serial No. 66,821
4 Claims. (Cl. 87—9)

1. A non-corroding lubricating oil composition consisting of a lubricating oil containing paraffinic constituents, and from 0.05 to 0.5% of a cadmium mahogany sulphonate, said lubricating oil being derived from a Pennsylvania paraffin base crude.

2,125,936
LUBRICATING OIL
Leo Liberthson, New York, N. Y., assignor to L. Sonneborn Sons Inc., a corporation of Delaware
No Drawing. Application March 3, 1936, Serial No. 66,822
4 Claims. (Cl. 87—9)

1. A non-corroding lubricating oil composition consisting of a lubricating oil containing paraffinic constituents, and from 0.05 to 0.5% of a tin mahogany sulphonate, said lubricating oil being derived from a Pennsylvania paraffin base crude.

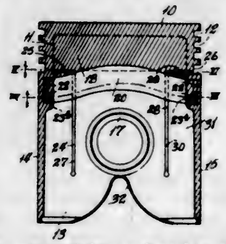
2,125,937
APPARATUS FOR PROCESSING FIBROUS MATERIALS
Royal Little and William A. Traver, Providence, and John M. Wood and Freeman W. Fraim, Cranston, R. I., assignors to Franklin Rayon Corporation, Providence, R. I., a corporation of Rhode Island
Application December 27, 1935, Serial No. 56,338
7 Claims. (Cl. 8—19)



1. In an apparatus for dyeing or otherwise treating fibrous materials with fluids, the combination of a kier having an opening in its bottom for supplying a treating fluid thereto, a hollow portable carrier adapted to be supported in the kier to form a false bottom therein, said carrier having an inlet in its bottom wall for cooperation with the opening in the bottom of the kier and a plurality of nozzles in its top wall for dispensing the fluid, hollow holders for mounting groups of packages in axial alinement to form self-contained units independent of the carrier or kier and adapted to be detachably mounted on the carrier, means at the ends of the holders for retaining the packages in place thereon, means engaging the upper ends of the holders for clamping them to the carrier in communication with the nozzles, and means for clamping the carrier in position in the kier.

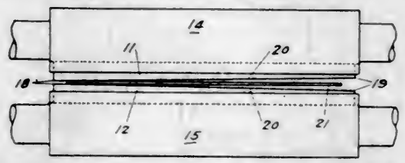
7. In an apparatus of the type indicated, the combination of a kier, a portable carrier adapted to be lifted into and out of the kier, means for supporting the carrier, a lifting bail pivotally mounted on the supporting means, and means cooperating with the supporting means to lock the bail in inoperative position.

2,125,938
PISTON FOR INTERNAL COMBUSTION MOTORS
Elmer C. Long, Grosse Pointe Park, Mich.
Application March 28, 1936, Serial No. 71,420
8 Claims. (Cl. 309—13)



1. A piston comprising a head, a skirt having a resilient thrust side and a rigid thrust side, a centrally disposed web integral with the head and extending thereacross, and a strut of material different from the skirt and substantially abutting and paralleling said web and connected at its ends to said thrust sides.

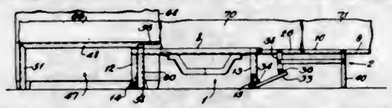
2,125,939
ROTARY SHEAR KNIFE
Walter W. Macfarren, Los Angeles, Calif.
Application January 18, 1937, Serial No. 121,130
16 Claims. (Cl. 164—66)



5. In a rotary drum type shear, the combination of a pair of rotary knife carrying drums connected for opposite simultaneous rotation, a shear knife mounted on one of the drums and having the outer portion of one of its sides formed in the contour of a gear tooth, a cutting corner formed by the intersection of the said tooth curve with the edge of the knife, and a similar shear knife mounted in coacting relation to the first, on the other drum.

2,125,940
COUCH BED
Joseph Martin, Laurelton, N. Y., assignor to United States Cabinet Bed Co., Brooklyn, N. Y., a corporation of New York
Application May 22, 1935, Serial No. 22,708
7 Claims. (Cl. 5—17)

1. In a bed couch, the combination with a main bed section mounted upon rollers, a secondary bed section pivotally connected to said main bed section, a single flat spring fabric supported by said bed sections and folded upon itself when said secondary bed section is folded upon said main bed section and stretched out when said secondary bed section is unfolded into bed formation, an end board pivotally connected to the lower end of the outer longitudinally extending vertical face of said main bed section, and linkage connecting said end board with said secondary bed section to tilt said end board to clear said spring fabric when depressed in bed formation and to anchor said end board erect adjacent the outer longitudinally extending vertical face of said main bed

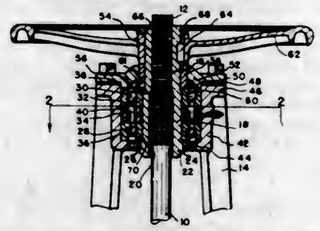


section in seat formation, the lower edge of said end board extending into engagement with adjacent rollers of said main bed section in bed formation to anchor them against movement in such position but clearing said rollers in seat formation to permit movement of said bed sections.

2,125,941
MANUFACTURE OF NITRIC ACID ESTERS AND OF EXPLOSIVES
Oskar Matter, Vitznau, Switzerland, assignor to Société d'Exploitation des Brevets O. Matter—S. E. B. O. M., Bourges, France
No Drawing. Application November 15, 1935, Serial No. 50,062. In France November 16, 1934
11 Claims. (Cl. 52—5)

1. A new industrial product which is a mixture containing a nitric acid ester, which ester is stabilized by the presence of a tertiary aromatic amine which is characterized by being substantially neutral in reaction, substantially non-volatile at normal atmospheric temperature and pressure, and having a high melting point, and being substantially non-hygroscopic.

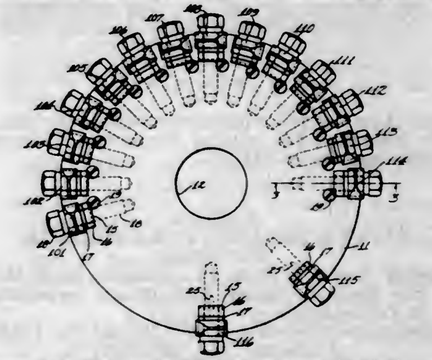
2,125,942
VALVE
Harry McCarthy, Kewanee, Ill., assignor to Walworth Patents Inc., Boston, Mass., a corporation of Massachusetts
Application August 25, 1937, Serial No. 160,751
9 Claims. (Cl. 74—424.8)



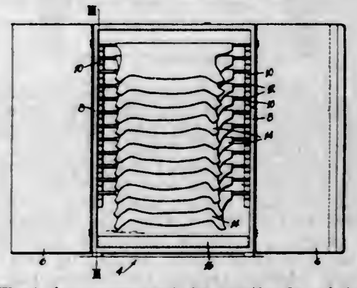
1. Actuating means for valves and the like having a threaded stem, comprising a sleeve threadedly engaging said stem, means for rotating the sleeve on said stem, a stationary member within which said sleeve is journaled, means normally effective for restraining said sleeve against axial movement relative to said stationary member, and supplemental restraining means for said sleeve adapted to become operative should the first said restraining means be rendered ineffective.

2,125,943
CUTTER FOR CUTTING GEARS
Frederick E. McMullen and Ensign T. Slayton, Rochester, N. Y., assignors to Gleason Works, Rochester, N. Y., a corporation of New York
Application March 30, 1936, Serial No. 71,588
11 Claims. (Cl. 29—105)

1. A gear cutter for cutting gears in an intermittent indexing operation comprising a rotary head having a plurality of cutting blades of substantially uniform height projecting from one face of the head substantially parallel with the rotary axis thereof and in a generally circular path around said axis, with an indexing gap between the last and the first of said blades, successive blades having side cutting edges alternately and progressively offset in a radial direction toward and from the tool axis for cutting the opposite sides of a tooth space.



2,125,944
TANNING OF HIDES AND SKINS
Matthew M. Merritt, Middleton, Mass., assignor to The Tanning Process Company, Boston, Mass., a corporation of Massachusetts
Application June 21, 1935, Serial No. 27,733
7 Claims. (Cl. 149—6)

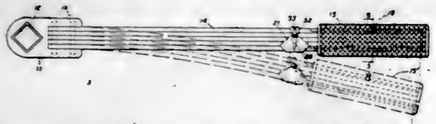


1. That improvement in methods of tanning skins which comprises removing skins from a tanning solution, where they have been subjected to treatment for the requisite length of time, draining the skins to remove such tanning liquid as flows freely therefrom, placing the skins upon individual supports, maintaining the air surrounding the skins substantially saturated with moisture at ordinary room temperatures, and subjecting the skins to this moist air treatment for a period of about twenty-four hours to secure fixation of the tanning material on the skin substance.

2,125,945
TORQUE INDICATION WRENCH
Walter H. Montgomery, Washington, D. C.
Application December 21, 1937, Serial No. 180,997
4 Claims. (Cl. 265—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A torque indicating wrench, comprising a bolt or nut cooperating means at one end, a handle at the other end, and a shank affixedly secured to the bolt or nut cooperating means, said

shank comprising a plurality of flat plates held together only at the bolt or nut cooperating means by the shank affixing means, and means



affixed on the two outermost plates of the shank for indicating the relative displacement thereof under bending movement.

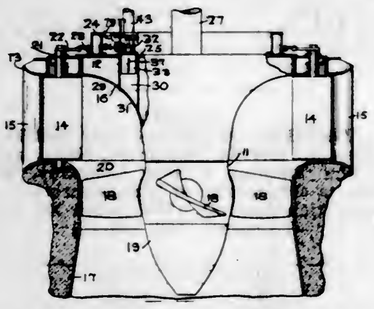
2,125,946

VACUUM BREAKER FOR HYDRAULIC MACHINES

Torleif Norbom, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania

Application December 4, 1937, Serial No. 178,026

3 Claims. (Cl. 253—117)



1. In a hydraulic machine, the combination with a runner, a speed ring having a plurality of movable wicket gates for controlling the flow of operating fluid to the runner, a crown plate forming a transition space for the operating fluid between the speed ring and the runner, a ring mounted on said crown plate and operatively connected to the wicket gates for operating the wicket gates, a passage extending through the crown plate, a valve device carried by said crown plate and having means for controlling communication through said passage so that air can be introduced into the transition space, a movable dash pot device having a piston operatively connected to said valve device for operating the valve device, means operable only upon sudden perceptible changes in load for operating said dash pot device, and means carried by said wicket gate operating ring for actuating said last named means.

2,125,947

MANUFACTURE OF MIDSOLES

Izador J. Novak, Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., a corporation of New Jersey

No Drawing. Application February 4, 1935, Serial No. 4,879

5 Claims. (Cl. 92—40)

1. A leather substitute for use as a midsole comprising a felted fibrous product exhibiting a relatively low degree of fiber hydration of wet machine-laminated construction associated with a bonding medium consisting essentially of approximately 15% to 35% rubber and containing approximately 5% to 10% water-insoluble soap, by weight, the rubber being present as a continuous film surrounding the fibres and the product possessing the characteristics of having had the rubber incorporated by saturation of a wet fibrous web.

2,125,948

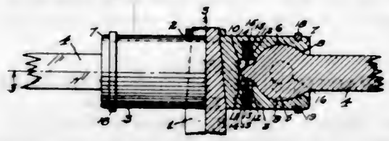
HINGED PROPELLER BLADE

William C. Ocker and George R. Smith, Brooks Field, Tex.

Application October 20, 1937, Serial No. 169,938

1 Claim. (Cl. 170—164)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



An airplane propeller comprising in combination a propeller shaft, a hub carried by said shaft and having arms extending laterally therefrom, a socket bearing, a central bore, radially extending bearing openings and transverse and aligned tubular sockets provided in each of said arms, propeller blades carried by said arms, said propeller blades having ball portions on the inner ends thereof pivotally mounted in the socket bearings of said arms, laterally extending trunnions and longitudinal extensions on the ball portions of the blades, said trunnions being pivotally mounted in the bearing openings of said arms and said extensions projecting into the central bores thereof, and spring pressed plungers mounted in said tubular sockets of said arms and acting on said extensions of the ball portions of the blades for resisting and dampening any movement of said blades about their pivoted mounting.

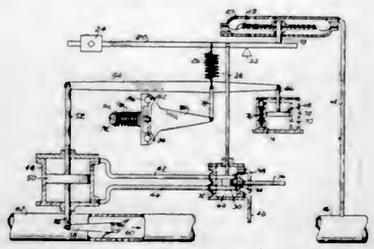
2,125,949

REGULATOR

George K. O'Connor, Winnetka, Ill., assignor to Smoot Engineering Corporation, Chicago, Ill., a corporation of Delaware

Application November 8, 1934, Serial No. 752,025

16 Claims. (Cl. 50—10)



1. A regulator comprising a control device, a lever shifted by said control device, a fluid-power operating device having a valve shifted according to movements of the lever, a spring variably acting on said lever and which is changed as to its tension by operation of the fluid-power device, a fixed dashpot, and means connected to said dashpot and said fluid-power device for gradually restoring said spring to its initial tension after said fluid-power device is operated.

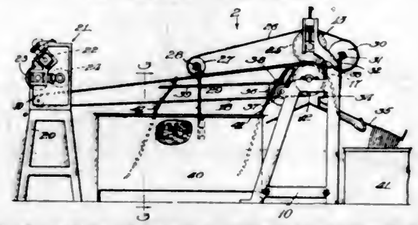
2,125,950

CASING-STRIPPING MACHINE

Garrett Pardekooper, Ottumwa, Iowa, assignor to Oppenheimer Casing Company, Chicago, Ill., a corporation of Illinois

Application July 7, 1934, Serial No. 734,225

21 Claims. (Cl. 17—43)



1. A casing stripping machine comprising in combination, a pair of cooperating squeezing rolls, conveying means for successively delivering the casings into squeezing relation to the rolls, the rolls thereafter operating to draw the trailing casing portions therebetween, and means for moving the trailing portions in opposite directions across the face of one of the rolls to prevent entanglement with following casings.

10 In a machine for stripping deleterious material from animal casings, the combination of a pair of cooperating squeezing rolls, means adapted to grip each casing at a substantial distance from the rolls and to carry the casings into squeezing relation to the rolls while maintaining the grip, and means for moving the gripping means.

2,125,951

FINISHING COMPOSITION AND FLATTING AGENT FOR USE THEREIN

Robert E. Parry, North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York

No Drawing. Application March 9, 1933, Serial No. 660,101. Renewed October 22, 1937

4 Claims. (Cl. 134—79)

1. A lacquer comprising a cellulose ester, a volatile solvent therefor including a water-soluble ingredient, comminuted diatomaceous earth that contains a small proportion of a water-soluble silicate compound and aluminum stearate associated therewith, the stearate being adapted to promote redispersion of the diatomaceous earth after being settled from the said lacquer.

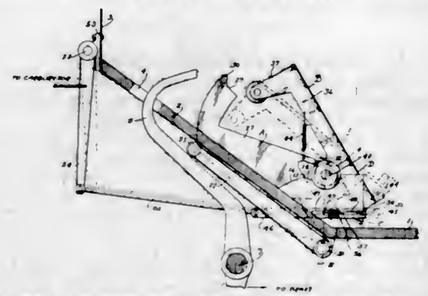
2,125,952

COMBINED FOOT BRAKE AND ACCELERATOR

Nelson I. Perry, Chicago, Ill.

Application August 12, 1936, Serial No. 95,539

14 Claims. (Cl. 192—3)



1. In a motor vehicle having brake and throttle controls, a stationary trackway having a dwell and a forwardly and upwardly inclined portion beyond said dwell, a foot pedal, rollers carried by said pedal for travel along said trackway to permit depression of the toe of said pedal at different positions of said rollers therealong, and means associated with said pedal operative when said rollers are in said dwell upon depression of the toe of said pedal to actuate said throttle control.

2,125,953

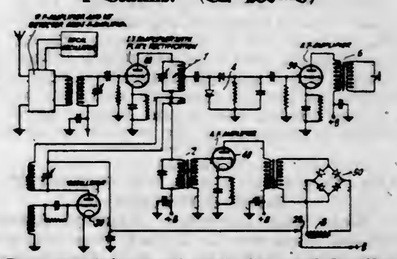
RECEIVER OF TELEPHONIC OR TELEGRAPHIC SIGNALS

Rudolf Prochnow, Berlin, Germany, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application May 28, 1937, Serial No. 145,196

In Germany March 16, 1936

4 Claims. (Cl. 250—8)



1. In a receiving system to be used for the reception of telegraphy or telephony signals, a wave amplifier and rectifier, means for impressing said signals on said amplifier, a utilization circuit responsive to wave energy coupled to the output of said rectifier, a local oscillator coupled to said wave amplifier and rectifier and normally operative to impress beating oscillations thereon when continuous wave energy is impressed on said amplifier, the resulting beat note being impressed on said utilization circuit, and additional means coupled to said rectifier and associated with said oscillator for rendering said oscillator inoperative when signal modulated waves are impressed on said wave amplifying means.

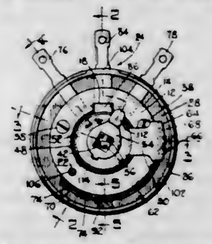
2,125,954

VARIABLE RESISTOR

Henry G. Richter, Westfield, N. J.

Application July 12, 1934, Serial No. 734,810

27 Claims. (Cl. 201—55)



1. A variable resistor comprising a rigid preformed closed ring of insulation material having a cylindrical outer surface, the radial thickness of said ring being large enough to give the ring structural rigidity yet small enough to leave a substantial space at the center of the ring, a film of resistance material coated directly on said cylindrical outer surface, a control shaft, and

slidable contact means insulatedly secured to said shaft and slidably bearing directly against the resistance film, and connection means to said contact means, said connection means being disposed within said ring and including a metallic ring and a wiper in contact therewith, said ring and wiper being insulated from the control shaft.

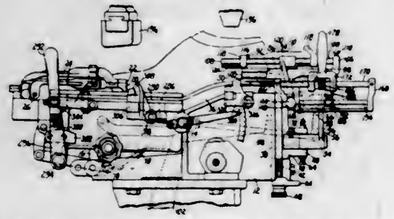
25. A tandem variable resistance comprising a main resistance unit including a casing having an open rear end adapted to detachably receive a closure plate, a second resistance unit including a casing having a similar open rear end adapted to receive said closure plate, a resistance element and a cooperating control shaft and contact arm in each of said casings, the forward end of said second unit being closed and dimensioned like the closure plate and adapted to be received within the open end of the first unit, means for coupling the control shaft of the second unit to the control shaft of the first unit when the units are connected in tandem, and a single screw for detachably holding the tandem units and the closure plate in assembled relation, said screw passing through the first and second casings and closure plate at a point substantially inwardly of the casing and displaced from the center but so positioned as not to interfere with the oscillation of the control shafts and contact arms over the effective portions of the resistance elements.

2,125,955

APPARATUS FOR APPLYING PRESSURE TO SHOE BOTTOMS

Fred Ricks and Lawrence Mawbey, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application March 19, 1937, Serial No. 131,892
In Great Britain May 15, 1936
38 Claims. (Cl. 12—33)



1. A pad box for use in applying pressure to shoe bottoms provided with a sole receiving pad, gages for positioning an end portion of a relatively long, thick sole on the pad, a separate member for positioning an end portion of a shorter and thinner sole on the pad, means for locking the gages in an inoperative position when said separate member is in use, and means for permitting said separate member to be moved longitudinally of the pad into an inoperative position when the gages are in use.

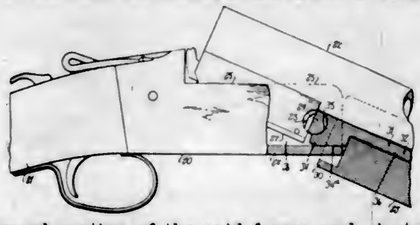
2,125,956

BREAKDOWN FIREARM

William C. Roemer, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland

Application October 17, 1935, Serial No. 45,397
1 Claim. (Cl. 42—40)

A breakdown firearm including in combination: a frame having a forward portion of U-shaped form in cross-section; a fulcrum-pin extending transversely of the said frame at a point wholly to the rear of the forward end thereof; a barrel having a depending-lug engaged with the rear surface of the said fulcrum-pin; a forestock detachably secured to the said barrel and having at its rear end a portion of U-shaped form in cross-section fitting over the U-shaped forward portion of the said frame; and a forestock-shoe carried by and removable with the said forestock and having a portion projecting rearwardly beyond the U-shaped rear portion of the forestock and into the forward end of the U-shaped



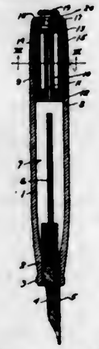
forward portion of the said frame and pivotally engaged with the forward surface of the said fulcrum-pin therein; the bottom wall of the U-shaped portion of the said frame extending between the U-shaped rear end of the said forestock and the projecting rear portion of the said forestock-shoe.

2,125,957

FOUNTAIN PEN

Solomon M. Sager, Hubbard Woods, Ill., assignor to Sagren Corporation, New York, N. Y.

Application July 6, 1937, Serial No. 152,012
19 Claims. (Cl. 120—46)



1. A fountain pen comprising a barrel having a seat in one end thereof, a feed bar and pen point engaged in the opposite end of the barrel, an intake tube connected with the feed bar and disposed within the barrel, and a bulbous filling unit slidably engaged in the end of the barrel opposite the feed bar and seated against said seat, said filling unit adapted to be pulled out of the end of the barrel into a projected position to be alternately compressed and released to cause filling of the fountain pen barrel.

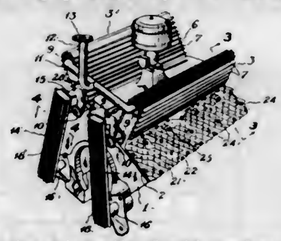
2,125,958

ENGINE COOLING DEVICE

John Schmeller, Sr., Lakewood, Ohio

Application August 9, 1934, Serial No. 739,115
23 Claims. (Cl. 123—173)

1. An apparatus of the character described having in combination an internal combustion engine, a head member therefor comprising a solid single wall structure for its area directly over the combustion chamber and formed of metal of high heat conduction and radiation characteristics, and fluid receiving depressions with intervening webs on said head member for radiating the heat imparted to said head member directly from the combustion chamber and imparted indirectly to said head member through separate fluid receiving passageways for dissipating the



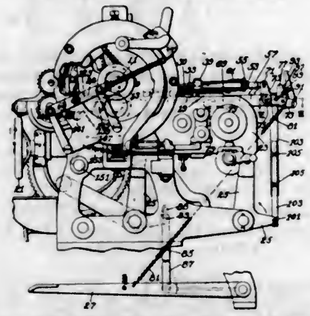
heat from the side walls of said combustion chamber.

2,125,959

CUTTING MACHINE

Thomas H. Seely, Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application September 30, 1936, Serial No. 103,399
12 Claims. (Cl. 12—40)



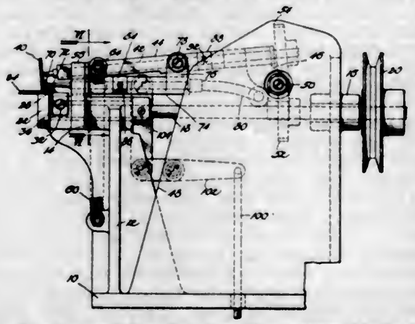
1. A machine for forming upon a piece of sheet material a gouge and a tongue which is hinged to the material along one edge of the gouge having, in combination, a pair of feed rolls and a knife to which the rolls feed the material, said rolls being shaped to form a bulge in the material and to feed the bulged portion to the knife in such manner that one end of the edge of the knife enters one face of the material, remains in the material for an interval and then emerges from said face, and the other end of the edge of the knife remains at all times outside of the material.

2,125,960

SHOE-UPPER EDGE-TREATING MACHINE

Fred E. Sherman, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application July 20, 1936, Serial No. 91,454
9 Claims. (Cl. 12—51)



1. In a machine for treating assembled shoe uppers including a lining, coacting feed rolls for engagement with the work along the margin of the foot opening, and means for progressively thinning the exposed edge of the lining.

2,125,961

COLOR STABLE VISCOUS HYDROCARBON OIL

Bernard H. Shoemaker and Clarence M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana

No Drawing. Application August 16, 1937, Serial No. 159,370
10 Claims. (Cl. 87—9)

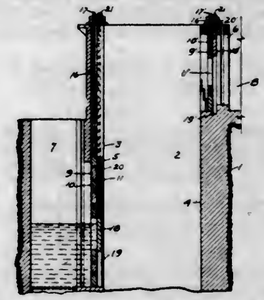
1. A color stable viscous hydrocarbon oil containing from about 0.01% to about 5% of a metal alcoholate selected from the group consisting of compounds having the general formulas $M(XR)_3$ and $M(XR)_2$ in which M is a metal selected from the group consisting of aluminum and zinc, X is an element selected from the group consisting of oxygen and sulfur, and R is a radical selected from the group consisting of an alkyl radical, an aryl radical, an aralkyl radical and a hydro aryl radical.

2,125,962

APPARATUS FOR ALTERING THE POSITION OF FISHWAY PORTALS

Glen W. Shoemaker, Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War

Application May 25, 1937, Serial No. 144,613
2 Claims. (Cl. 61—21)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an apparatus of the class described, the combination with a lock having a portal obstructed by a segmental barrier, means in connection with the segments of the barrier to effect their relative adjustment and to provide an opening at various elevations and additional means in connection with the barrier to close the opening in any of its positions.

2,125,963

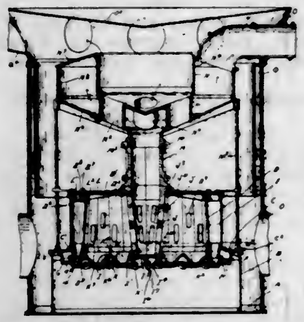
FUEL BURNER

William C. Skinner, Detroit, Mich.

Application April 1, 1935, Serial No. 14,171
7 Claims. (Cl. 110—30)

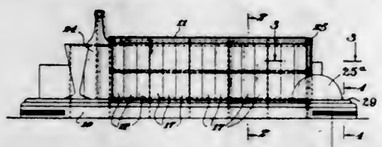
1. In a fuel burner of the type including a central perforated combustion chamber, a surrounding outer air chamber and an intermediate fuel chamber, an ash box section beneath said chambers, a top plate for said ash box section having an opening therein registering with the air chamber, fuel chamber and combustion chamber, a fuel supporting member within said ash box supported from said top plate to form an air seal therewith,

said member comprising a substantially rectangular frame, a series of spaced channel bars extending across said frame and a central annular frame registering with the combustion chamber, and a series of rockable bars having overlapping oppositely extending wings, one of said wings of each rockable bar being within one of said channel bars and the other of said wings extending



across the space between said channel bars and forming a sealing engagement with the opposite wing of the adjacent rockable bars whereby said channel bars and rockable bars will form in one position a closed bottom for supporting the fuel within said fuel chamber and in another position said rockable bars will permit the dumping of ash from said fuel chamber.

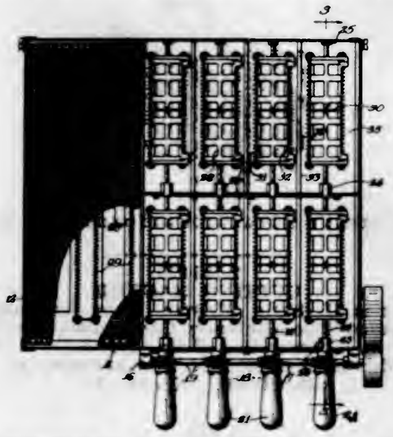
2,125,964
BULLETIN BOARD CONSTRUCTION
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of Delaware
Application April 7, 1936, Serial No. 73,053
2 Claims. (Cl. 40—125)



1. A bulletin board construction including in combination a pedestal framework, a vertical background framework secured thereto, extended sections mounted upon said background framework forming a primary area devoted to graphic representations, end elements and means to mount said end elements in abutting relation to the framework to either side of the extended sections upon the pedestal, said means including slotted portions formed in said pedestal receiving parts of said end elements, whereby interchangeable end elements may be assembled in association with the primary area aforementioned.

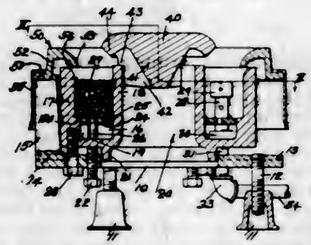
2,125,965
COOKING DEVICE
John A. Sturm, Chicago, Ill.
Application September 20, 1937, Serial No. 164,683
5 Claims. (Cl. 219—19)

5. In combination, a casing, means therein providing a plurality of separate chambers in side-by-side relation, a heating element in each chamber and separate control means for each heating element, a shaft carrying a skeleton cylinder mounted within each chamber, said shafts being removably supported in bearings at the ends of said chambers, a common worm shaft extend-



ing transversely of all said chambers, a single motor for operating said shaft, said motor being operated independently of the control means for the heating element in said chambers.

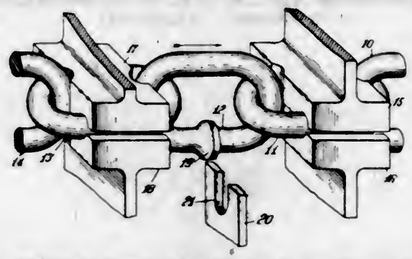
2,125,966
OIL BURNER
James E. Sweatt, Memphis, Tenn.
Application June 15, 1936, Serial No. 85,186
1 Claim. (Cl. 158—96)



In a burner, an annular base plate, having upwardly projecting posts, an upright annular chamber open at its top and disposed above said base within the circle of said posts, said chamber surrounding an opening concentric with the opening in said base, a granular filler in said chamber, means for conveying liquid to said chamber, the inner wall of said chamber forming an air flue, a spreader cap disposed above said flue, said cap having a plurality of downwardly extending flanges resting on said inner wall and supporting said cap in spaced relation to said wall, said cap having a concave lower face extending outwardly substantially flush with the outer face of said inner wall, and adapted to direct air outwardly and downwardly toward said filler, an annular deflector supported by said posts around the top of the outer wall of said chamber and spaced thereabove, said deflector having a concave face extending inwardly and downwardly substantially flush with the inner face of said outer wall, said deflector being adapted to direct air inwardly and downwardly toward said filler to supplement said outwardly directed air currents, and means carried by said base for supporting said chamber, said means

being adjustable to vary the spaced relation of said outer wall and said overlying annular deflector.

2,125,967
PROCESS OF MAKING CHAIN LINKS
Edward Winthrop Taylor and Carroll Peterson, Hammond, Ind., assignors to S. G. Taylor Chain Co., Hammond, Ind., a corporation of Illinois
Application March 26, 1938, Serial No. 196,171
3 Claims. (Cl. 59—35)



1. Method of removing the major portion of the fin from a welded link which consists in subjecting the major portion of the fin, while the same is in a plastic state, to passage through a curved opening substantially corresponding to the normal size and contour of the external portion of the link stock adjacent the point of the weld so as to in a single operation round and shear the link to finished form.

2,125,968
MANUFACTURE OF AROMATIC ALCOHOLS
Ernst T. Theimer, East Orange, N. J.
No Drawing. Application August 21, 1935, Serial No. 37,167
6 Claims. (Cl. 260—153)

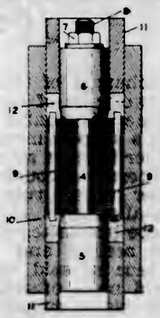
1. In a Friedel-Crafts reaction in which alkylene oxide is condensed with a Friedel-Crafts reactant, and in which the Friedel-Crafts reactant is a solid at the temperature of the reaction, the method of increasing the ratio of the amount of alkylene oxide which reacts to form alcohols, to the total amount thereof used in the reaction, which consists in employing a second Friedel-Crafts reactant as a diluent for making the reaction mass liquid at the temperature of the reaction, and thus obtaining a mixture of two alcohols, and then separating these alcohols.

2,125,969
ULTRAHIGH FREQUENCY OSCILLATOR
Alfred H. Turner, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 29, 1935, Serial No. 38,374
4 Claims. (Cl. 250—36)



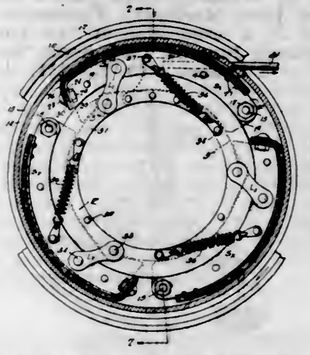
1. An oscillatory system comprising a shield, an adjustable capacity disposed within said shield, said shield and said capacity forming a resonant tank circuit, an electronic oscillator disposed within said shield, and means coupling said oscillator adjacent an anti-nodal current point within said shield.

2,125,970
METHOD OF MAKING SQUIRREL CAGE ROTORS
Granville A. Waters, University City, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application January 6, 1936, Serial No. 57,707
5 Claims. (Cl. 29—155.53)



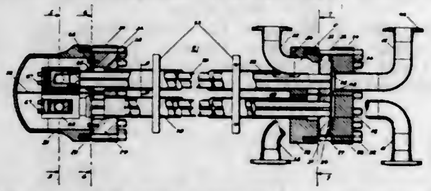
1. The method of forming a secondary member of a dynamoelectric machine which comprises assembling slotted laminae to form a magnetic core, inserting metal bars in the core slots, said bars projecting from one end of the core, applying metal powder to said end of the core and around the projecting bars, and consolidating the powder under pressure to form an end ring.

2,125,971
BRAKE
Jesse M. White, Philadelphia, Pa.
Application January 12, 1937, Serial No. 120,216
2 Claims. (Cl. 188—78)



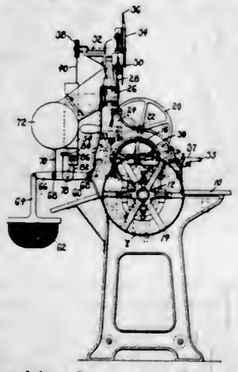
1. A brake of the character described comprising a drum, three brake shoes disposed within said drum and pivotally mounted, each of said brake shoes being formed with a projecting tongue extending radially inwardly, an operating ring for the shoes having a groove receiving the tongues on said shoes, links disposed at an angle to the radius of the ring and connected at one end to the ring and at the other end to the brake shoes, and an operating member for causing rotation of said ring.

2,125,972
HEAT EXCHANGER
Dustin W. Wilson, Scarsdale, N. Y., Stanley J. Chute, Ridgewood, N. J., and Robert K. Hopkins, New York, N. Y., assignors to The M. W. Kellogg Co., New York, N. Y., a corporation of Delaware
Application July 11, 1936, Serial No. 90,074
18 Claims. (Cl. 257—234)



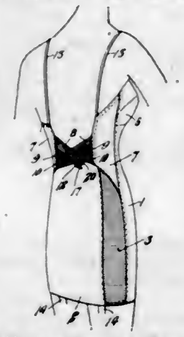
18. In a heat exchanger of the character described including two pairs of larger tubes each of which houses a nest of smaller tubes, a floating end comprising a support member into which one end of the larger tubes is attached and having passageways therein through which extend said nests of smaller tubes, a tube sheet for each of said nests of smaller tubes, cross-over devices connecting said tube sheets together in pairs, a pair of combined sealing and bearing plates attached to the face of said support member through which said nests of smaller tubes extend, each of said plates supporting a pair of said tube sheets and substantially sealing the passageways through which they extend, a bonnet adapted to be held in fluid tight engagement against said face of said support member enclosing said tube sheets, said cross-over devices and said plates, and a dividing plate attached to said bonnet and adapted to coact with said face to divide the space enclosed by said bonnet into a pair of substantially fluid tight compartments each of which houses one of said plates, its pair of tube sheets, and its cross-over member.

2,125,973
MEASURING MACHINE
Erastus E. Winkley, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 30, 1936, Serial No. 88,181
8 Claims. (Cl. 73—151)



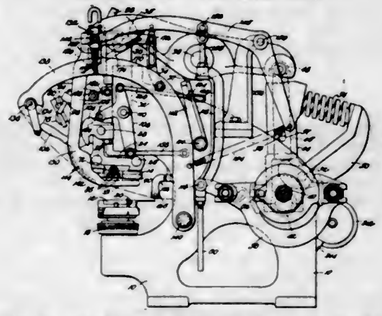
2. In a machine for ascertaining thickness dimensions of sheet material of uniform or substantially uniform thickness, an area measuring mechanism, a weighing mechanism, a scale, indicator means, and connections between the last-mentioned means and said mechanisms by which the latter operate the indicator means with relation to said scale to indicate the thickness dimension of the piece of work which has just undergone area measuring and weighing operations by said mechanisms.

2,125,974
FOUNDATION GARMENT
Hildegard Wipperman, Chicago, Ill., assignor to The H. W. Gossard Co., Chicago, Ill., a corporation of Illinois
Application April 26, 1938, Serial No. 204,263
5 Claims. (Cl. 2—30)



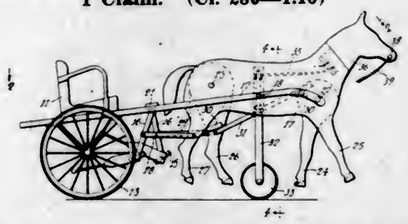
1. A foundation garment for women having connected front, back and side sections, and including flaps extending rearwardly and having means for fastening same to the back of the garment, the back of said garment containing a plurality of holes and fastening means secured to the inside of said garment and adapted to be projected out through any one of a number of said holes for engagement with the fastening means on said flaps.

2,125,975
MARKING MACHINE
Reginald Boyd Woodcock and Sydney White Potter, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 19, 1937, Serial No. 131,898
In Great Britain April 14, 1936
23 Claims. (Cl. 101—27)



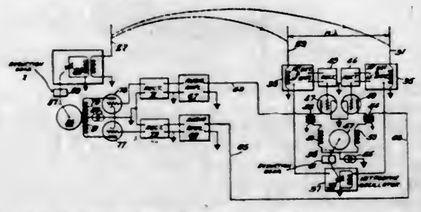
1. In a marking machine, a work support, a marking head arranged to receive type and comprising a heating member adjacent to said type, an operating member mounted for movement toward and away from said support, said marking head being mounted to swing on said operating member about an axis remote from said heating member, a yielding member arranged normally to hold said marking head in abutting relation with said operating member, and means for swinging said marking head out of abutting relation with said operating member as the latter is moved away from said support whereby the amount of heat transmitted from the marking head to the operating member is reduced when the head and member are removed from the support.

2,125,976
CHILD'S VEHICLE
Michael Joseph Young, North Bergen, N. J.
Application February 27, 1936, Serial No. 65,971
1 Claim. (Cl. 280—1.16)



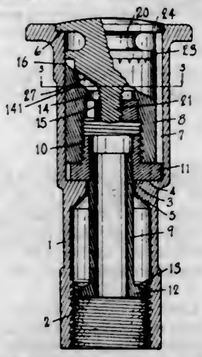
A vehicle comprising a frame having a crank shaft suspended therefrom and having a pair of wheels on said crank shaft, pedals connected to said crank shaft and adapted to propel the vehicle, shafts extending forward of the vehicle and having a figure of an animal mounted therebetween, a third wheel, means for rotating said third wheel to steer the vehicle, the legs of said figure being pivotally mounted thereon, means connecting said pedals with said legs for swinging the legs on one side of said figure in mutually opposite directions while said vehicle is being propelled, the head of said figure being pivotally mounted thereon, the axis of said pivotal mounting being inclined at an angle to the vertical, means for attaching reins to said head, a post extending from said third wheel and being rotatably mounted in said figure, said post having a rigid yoke at its upper end, and links connecting each end of said yoke with one side of said head.

2,125,977
ULTRAHIGH FREQUENCY RADIO SYSTEM
Vladimir K. Zworykin, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application July 18, 1936, Serial No. 91,371
11 Claims. (Cl. 250—11)



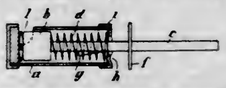
1. An ultra high frequency system comprising in combination, an ultra high frequency transmitter, a pair of receiving antennas, a pair of receivers connected to said antennas, means for altering the path taken by said waves between said transmitter and said receiving antennas in accordance with differences in currents impressed by the transmitter on said antennas, and means for impressing said differences in received currents on said means for altering said path of the transmitted wave.

2,125,978
SPRAY HEAD
Alfred C. Arbogast, Elkhart, Ind., assignor to Northern Indiana Brass Company, Elkhart, Ind.
Application July 21, 1937, Serial No. 154,762
7 Claims. (Cl. 299—61)



3. In a sprinkler head, the combination with a nozzle member having a series of serrations in its outer end opening therethrough and providing jet orifices, and a tip member adjustably associated with said nozzle member and having a cylindrical body portion fitting within the nozzle member to partially close the inner ends of said notches, said tip member being provided with an inverted conical portion extending downwardly from its said cylindrical body portion and said nozzle member having an opposed conical portion and being provided with a water inlet connection at the base of said conical portion.

2,125,979
TOY HAND GRENADE
Carl Arnold, Nuremberg, Germany
Application July 6, 1937, Serial No. 152,253
In Germany May 7, 1937
1 Claim. (Cl. 46—196)

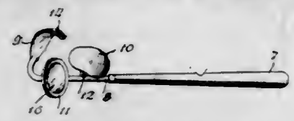


A toy grenade, comprising in combination with a casing, a head plate on said casing, and a spring controlled firing pin in the lower end of said casing, a handle pin fixed in said firing pin and projecting from the head plate of said casing, a disc on said handle pin outside the cover plate of said casing said disc being of larger diameter than said casing, a projection in said casing and a lateral projection on said handle pin adapted to engage behind said projection in the casing, when said handle pin is pulled back for throwing the hand grenade.

2,125,980
DENTAL INSTRUMENT
Stephen Theodore Basil, New York, N. Y.
Application February 23, 1937, Serial No. 127,066
2 Claims. (Cl. 32—69)

1. A dental instrument, comprising a rod, a mirror adapted to reflect the teeth to be treated, a separate cheek-retracting member carried by said rod and adapted to engage the inner surface of the patient's cheek adjacent the teeth to be treated and to press said surface away from said teeth while said teeth are being reflected in said mirror, and a separate tongue-depressing member

carried by said rod and adapted to press the patient's tongue away from said teeth while said teeth are being reflected in said mirror, which is

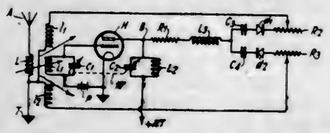


situated substantially between said tongue-depressing member and said cheek-retracting member.

2,125,981
FLAKED SULPHUR DYE
George Barnhart, Woodbury, N. J., and Herbert A. Lubs, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 29, 1934, Serial No. 733,812
7 Claims. (Cl. 8—6)

1. A composition of matter, having the physical form of hard, shiny flakes or grains, comprising sodium sulphide, and a sulphur dye free from uncombined sulphur.

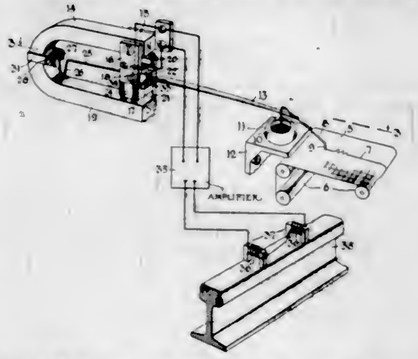
2,125,982
REGENERATIVE RECEIVER
Paul Belleville, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil, a corporation of France
Application April 1, 1937, Serial No. 134,228
In France April 8, 1936
5 Claims. (Cl. 250—20)



1. An amplifying device comprising in combination, an electron discharge tube having an input circuit and an output circuit, means for impressing an alternating signal voltage on said input circuit, a feedback connection between said output and input circuits arranged to cause regeneration of said input circuit, means for making this regeneration operative during one half of the signal voltage cycle and a second feedback connection between said output and input circuits arranged to cause degeneration of said input circuit, and means for making this deenergization operative during the opposite half of the signal voltage cycle.

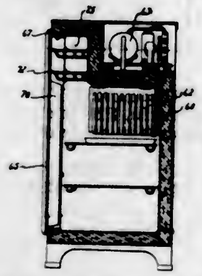
2,125,983
ELECTRICAL MEASURING INSTRUMENT
David C. Bettison and Frank H. Keaton, Omaha, Nebr.
Application June 6, 1936, Serial No. 84,005
2 Claims. (Cl. 171—95)

1. A galvanometer for use in rail testing comprising, a permanent horseshoe magnet having two opposed polar members; a pole piece carried by each of said members, each pole piece having two spaced polar projections of like polarity contoured to form a chamber between the polar members; a non-magnetic support carried by said pole pieces, said support including a resilient armature supporting member; an elongated armature located between said pole pieces and having its ends in magnetic relation to said polar projections, said armature being centrally attached to said supporting member; resilient means attached to the body of said magnet and to one end of said armature for cooperation with said central armature supporting means to bias said armature to symmetrical position with re-



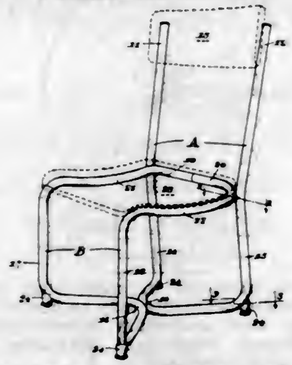
spect to said polar projections: a pointer carried by said armature; a winding support carried by said non-magnetic support; a winding on said winding support and encircling said armature; and means for energizing said winding to produce deflection of said armature in approximate proportion to the energization thereof.

2,125,984
REFRIGERATING APPARATUS
Nicholas J. Bohn, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Application April 18, 1936, Serial No. 75,165
1 Claim. (Cl. 62—89)



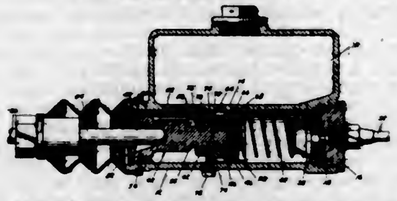
Refrigerating apparatus comprising a cabinet having a vertical wall and a horizontal wall arranged to cooperate with other walls to provide a main food storage compartment and a relatively small food storage compartment above the main food storage compartment, a refrigerant condensing element carried on one side of said horizontal wall, a refrigerant evaporating element carried below said horizontal wall so as to cool said main food compartment to a considerably lower temperature than said relatively small food compartment and being operatively connected with said condensing element, open-work shelves carried by said vertical wall and extending substantially from one side of the cabinet to the other for receiving small food articles, said cabinet being provided with an opening for gaining access to said compartments, and closure means for said opening.

2,125,985
CHAIR
Willard H. Bond, Jr., East Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application January 25, 1937, Serial No. 122,110
1 Claim. (Cl. 155—194)



A chair frame comprising a V-shaped substantially horizontally disposed base whose opposite ends are upwardly turned in spaced substantially parallel relation to form rear legs and a back support, and a second V-shaped substantially horizontally disposed base whose medial portion is in secured meeting engagement with the medial portion of the other V-shaped base and whose opposite ends are first upwardly turned to form front legs and thence rearwardly turned and finally inwardly turned at their respective ends in secured meeting engagement with each other to form a seat support, said seat support being secured interjacent said rear legs and back support in meeting engagement therewith.

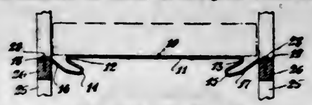
2,125,986
PISTON FOR PRESSURE PRODUCING DEVICES
Myron W. Bowen, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application February 27, 1936, Serial No. 65,976
9 Claims. (Cl. 60—54.6)



1. A fluid pressure producing device comprising a cylinder, a piston reciprocable theren, said piston having a flexible sealing part, and a movable shell intermediate the piston and the cylinder for controlling the sealing action of said part.

2,125,987
UPHOLSTERER'S SPRING
Simon Braun, New Rochelle, N. Y.
Application March 2, 1938, Serial No. 193,429
2 Claims. (Cl. 135—179)

2. A flat spring steel upholstery spring comprising a cambered crown portion, the ends of said crown portion being bent to form a pair of oppositely disposed S shaped extensions in continuation of and extending beneath the crown portion, and outwardly extending tail members in continuation of said S shaped extensions, said



tail members being outwardly bent to constitute supporting and anchoring flanges for said spring, said flanges lying substantially in an extension of the base plane of the crown portion.

2,125,988
PUMP OR MOTOR STRUCTURE
Charles E. Broman, Algoma Township, Kent County, Mich.
Application May 16, 1936, Serial No. 80,065
4 Claims. (Cl. 103—136)

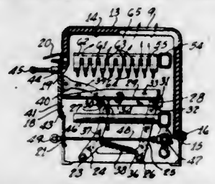


1. In a pump or motor structure of the class described: a rotor having a hub with the rotor shaft secured thereto and a concentric circular rib; a casing having a circuitous chamber with a curved side wall comprising circular arcual portions concentric with and at different radial distances respectively from the shaft, and arcual portions connecting said circular portions; a member detachably secured in the bottom of the chamber having a bearing wherein the rotor's hub rotatably bears, and a curved peripheral side comprising concentric circular arcual portions uniformly spaced from and registering angularly with corresponding circular portions respectively of the chamber's side wall, said rib having gaps therethrough and being radially narrower than the chamber, extending therein and rotatably bearing at one of its curved sides on one of the circular portions of the chamber's side wall and at its other curved side rotatably bearing on the opposite circularly curved portion of said member throughout extended arcs of contacts respectively, thus forming a pair of angularly spaced circular arcual fluid channels in the circuitous chamber at opposite sides respectively of the rib, one of the channels having angularly spaced inlet and outlet ports; cylindrical pistons axially parallel with said shaft, fitting in said gaps and movable sidewise therein into said channels alternately in closing relation therewith, the casing having also fluid passages formed therein and separated from the bottom of the chamber by said member and communicating through said member with the other channel for providing a continuous flow of the fluid through the structure as governed by the rotor's rotation.

2,125,989
CULINARY STRUCTURE
Julian R. Burch, St. Louis, Mo.
Application July 25, 1936, Serial No. 92,530
5 Claims. (Cl. 126—340)

1. In a culinary structure, a casing providing a cooking-chamber having an opening, four arms pivotally connected at their lower extremities to the casing interiorly thereof, tie-rods pivotally connected to the arms for connecting the arms

in selected pairs, cross-rods connected at their respective extremities to, and extending transversely between, the pairs of arms, a flat cooking-plate removably mounted on said cross-rod, one of the arms in each of said pairs being positioned adjacent the opening in the casing and being



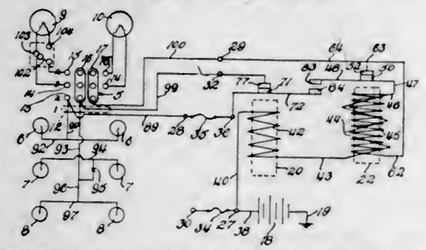
provided with a forwardly presented extension arm adapted for movement outwardly through the casing opening, and closure-forming means adapted for registration with the casing opening and being pivotally mounted on, and extending transversely between, the said forwardly extending arm-extensions.

2,125,990

LIGHTING MEANS FOR VEHICLES

Harold Catron, Harold H. Clayton, and Ralph L. Dashner, Logansport, Ind., assignors to R-B-M Manufacturing Company, Logansport, Ind., a corporation of Indiana

Application June 12, 1936, Serial No. 84,832
17 Claims. (Cl. 171—97)



16. In a control unit for a vehicle lighting system of the class described comprising a pair of interconnected relays, one connected to be responsive to open circuit conditions in said system and the other connected to be responsive to overload conditions in said system for energizing an auxiliary lighting circuit, a U-shaped frame for each of said relays, the armatures of each of said relays being pivotally mounted on one leg of each of said frames and overlying the core of the associated relay, and a contact carrier supported in insulated relation on said other leg of each of said frames and having a portion overlying said armature and carrying a contact, one of said carriers having a resilient support for the contact carried thereby whereby said contact remains in engagement with said armature throughout a portion of the movement of said armature.

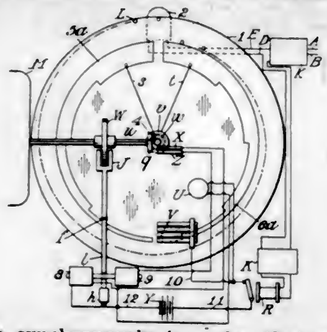
2,125,991

AUTOMATIC TELEVISION SYNCHRONIZING APPARATUS

Aloysius J. Cawley, Pittston, Pa.

Application June 18, 1932, Serial No. 617,957
25 Claims. (Cl. 178—69.5)

11. A television apparatus consisting of a rotatable element, means for rotating said rotatable element, a pair of current influencing segments borne on said rotatable element, a non-influencing segment separating said segments and stationary synchronism controlling means in cooperative relation with said current influencing segments and said means for rotating said rotatable element, said noninfluencing segment being disposed opposite said stationary synchronism controlling means when a synchronizing current is received while said rotatable element



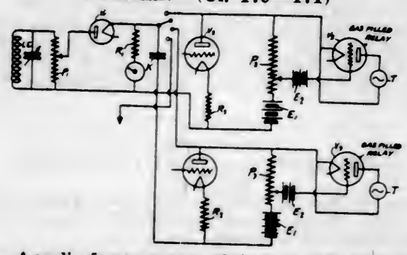
rotates synchronously in order that said current influencing segments may be prevented from influencing said stationary synchronism controlling means when said rotatable element rotates in synchronism.

2,125,992

VOLTAGE MEASURING AND INDICATING DEVICE

Rupert Hedley Palk Collings, Liskeard, Cornwall, England, assignor to Radio Corporation of America, a corporation of Delaware

Application May 11, 1934, Serial No. 725,221
In Great Britain May 26, 1933
2 Claims. (Cl. 179—171)



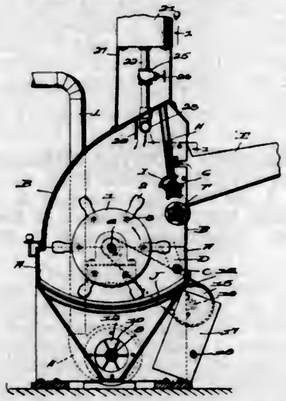
1. A radio frequency modulation indicator comprising a tuned circuit having an inductance and a variable condenser, a potentiometer having a movable arm, the end terminals of said potentiometer being connected in shunt with said tuned circuit, a rectifier having an anode and cathode, the movable arm of said potentiometer connected to the anode of said rectifier, the cathode of said rectifier being directly connected to a switch arm having a plurality of separate switch points, said switch points being connected to a plurality of electron discharge devices which may be adjusted for indications independent of each other, each electron discharge device having its cathode connected through a bias resistance to the negative point of a separate voltage supply source, said voltage supply source also connected to said tuned circuit, a condenser in series with said switch arm, said negative point of said separate voltage supply source and one of the grids of said electron discharge devices, a resistance and a direct current measuring instrument connected in series between the cathode of said rectifier and said negative point of said voltage supply, the anodes of each one of said electron discharge devices being connected from said separate switch points to one end of a second potentiometer also having a movable arm, the other end of said second potentiometer being connected to the positive point of said separate voltage supply, a gaseous discharge device having an anode grid and cathode, an auxiliary alternating current voltage connected to the anode of said relay, a bias voltage supply source connected to the grid of said relay, said bias voltage connected in series with the movable arm of said second potentiometer to adjust said bias so as to cause the relay to flash when a predetermined percentage of modulation is present in said tuned circuit.

2,125,993

MOLASSES FEED COMBINED GRINDING AND MIXING MILL

Abraham M. Dellinger, Lancaster, Pa., assignor to Dellinger Manufacturing Company, a corporation of Pennsylvania

Application October 31, 1931, Serial No. 572,361
Renewed July 7, 1937
6 Claims. (Cl. 83—11)



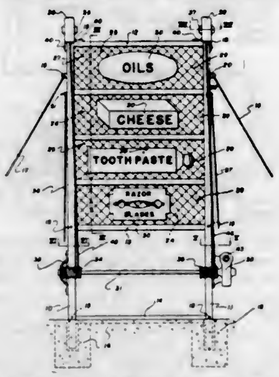
5. A grinding and mixing mill comprising a closed casing, a rotor mounted for rapid rotation therein, grinding hammers carried by said rotor, and means for feeding material to be ground into said casing in the path of said hammers, in combination with means for independently introducing molasses into said casing in the path of said hammers, and means for preventing the clogging of said molasses introducing means.

2,125,994

OUTDOOR ADVERTISING DEVICE

Charles Doering, Chicago, Ill.

Application May 3, 1937, Serial No. 140,327
15 Claims. (Cl. 40—65)



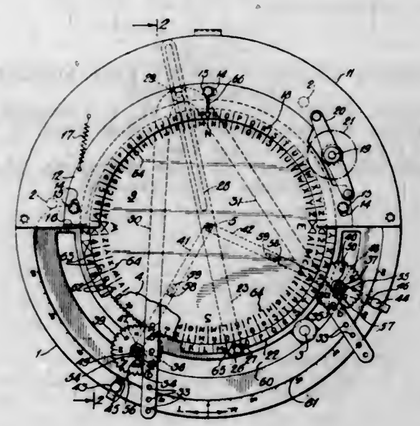
1. In an advertising device of the character described, the combination with a frame, of a plurality of vertically stepped flat surface members associated with said frame, said surface members being mounted in predetermined spaced relation relative to each other, means for rendering said surface members responsive to each other at a predetermined distance of relative displacement, and means for displacing said surface members relative to each other.

2,125,995

CIPHERING MACHINE

Robert W. Doidge, Woodside, Long Island, N. Y.

Application March 3, 1937, Serial No. 128,758
11 Claims. (Cl. 35—3)



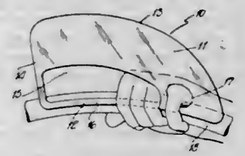
1. In a machine of the class described, a stationary member, a rotatable member and an oscillating member, means for bringing different fixed points located on each of said members into substantial register with one another in an irregular sequence, said means including a toggle-joint operatively connected to said rotatable member and said oscillating member.

2,125,996

GLARE ELIMINATOR

David Elliott, Johnstown, Pa., assignor of one-half to Harry A. Israel, Lynn, Mass.

Application October 3, 1936, Serial No. 103,861
3 Claims. (Cl. 2—11)



1. An anti-glare device comprising a flat semi-opaque body constructed of a single piece of material having an elongated peep opening therein adjacent its lower portion, the bottom wall of said opening being substantially parallel to the lower edge of said body to provide a hand grip portion by which the body may be supported in an eye shielding position by and forward of the operator of a motor vehicle while simultaneously grasping the steering wheel for steering purposes.

2,125,997

PROCESS OF TREATING GASES CONTAINING POLYMERIZABLE SUBSTANCES

Alfred Engelhardt, Gonnenheim, near Bad Homburg, Germany, assignor to Carbo-Norit-Union Verwaltungs-Gesellschaft, m. b. H., Frankfort-on-the-Main, Germany, a corporation of Germany

No Drawing. Application December 4, 1936, Serial No. 114,290. In Switzerland May 19, 1936

8 Claims. (Cl. 183—4)

1. Process of treating gases containing polymerizing or resinifying substances which comprises contacting such gases with an artificially molded active carbon having an apparent density of the mass not exceeding 0.36 referred to the dry, ash-free base.

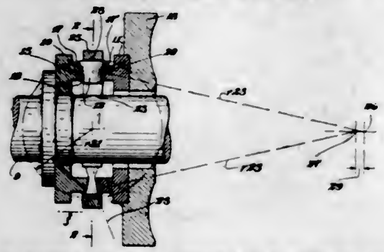
2,125,998

TORQUE LOADING DEVICE FOR ADHESIVE TRANSMISSION

Richard Erban, New York, N. Y., assignor to Erban Patents Corporation, New York, N. Y., a corporation of New York

Application January 23, 1936, Serial No. 60,410

12 Claims. (Cl. 74—208)



1. A torque loading device for a friction transmission system, comprising two coaxial torque loading members movable relatively to each other and each being provided with a contact surface, a floating mounting for at least one of said members permitting it to move transversely of its axis, rolling bodies interposed between said contact surfaces and cooperating therewith, each of said rolling bodies being of generally conoidal shape and having a generatrix of substantially less curvature than the curvature of any of its circular cross sections, and the said contact surface of said floatingly mounted member being curved to contact each of said rolling bodies at only one point at which a tangent to the generatrix of the rolling body is inclined with respect to its axis of rotation, the curvature of the radial profile of said last-named contact surface at its contact point with said rolling body being distinctly different from but closely related to the curvature of the generatrix of the said rolling body at that same point, so as to produce an elliptical contact area between the rolling body and the said contact surface when they are pressed together.

2,125,999

TRANSMISSION

Richard Erban, New York, N. Y.

Application May 18, 1937, Serial No. 143,252

In Great Britain September 23, 1935

14 Claims. (Cl. 74—200)

1. In a friction transmission comprising toric races and rollers therebetween: a carrier for said rollers; a spherical pivot for each of said rollers, such pivot being positioned on the axis of rotation of the respective roller and supporting a journal upon which the roller is freely rotatable; a pivotal joint associated with each journal; means for guiding each of said pivotal joints in a circular path and a member supported for limited rotation about the axis of the transmission, said member having equally spaced radial extensions each of



which is operatively connected with one of said pivotal joints, whereby a limited movement of said member will cause the said pivotal joints to move simultaneously and each traveling an equal amount in its respective circular path.

2,126,000

DRESSING TEXTILE THREADS

Henry Hans Freund, Cliffside Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 9, 1937, Serial No. 119,874

7 Claims. (Cl. 28—1)

1. Textile threads dressed with a composition comprising at least 50% unsubstituted naphthenes and at least one material taken from the class consisting of animal oils, vegetable oils, sulfonated animal oils, sulfonated vegetable oils, and sulfonated mineral oils.

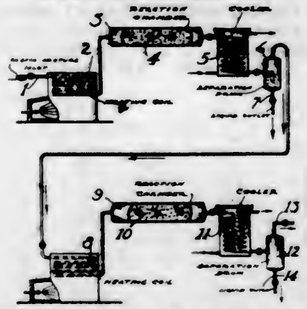
2,126,001

PROCESS FOR PRODUCING VALUABLE POLYMERS FROM OLEFINE MIXTURES

Stewart C. Fulton, Elizabeth, N. J., and Thomas Cross, Jr., Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware

Application December 30, 1935, Serial No. 56,730

3 Claims. (Cl. 196—10)



3. An improved process for producing valuable polymers from olefines mixtures comprising passing a mixture of normal and iso olefines over a solid polymerization catalyst at a temperature between 200° and 350° C. adapted to polymerize normal olefines but at which iso olefines are not substantially affected, separating the polymers so produced, polymerizing the remaining olefines at a temperature between about 50° and 200° C. and separating this polymer fraction.

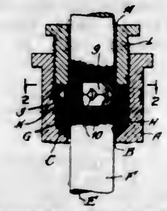
2,126,002

CABLE BONDING MEANS

Frank G. Gardner, Maplewood, N. J., assignor to Breeze Corporations, Inc., Newark, N. J.

Application March 12, 1936, Serial No. 68,418

9 Claims. (Cl. 247—1)



1. As a new article of manufacture a metal bonding wire having a substantially triangular cross-section, said wire being bendable and having one apex thereof formed with reduced portions to facilitate the bending of the wire.

2,126,003

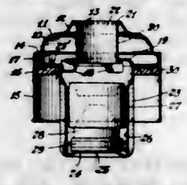
PROTECTIVE BOTTLE STOPPER

Edgeworth Greene, Upper Montclair, N. J.

Application July 20, 1934, Serial No. 736,195

Renewed December 7, 1936

8 Claims. (Cl. 215—22)



2. In a device of the kind described, a valve casing having an open end surrounded by an upstanding flange spaced from the opening, a cover member for the open end of the casing having an annular groove opening downwardly and receiving said upstanding flange of the casing, the walls of said groove and of the contained flange adapted to be bent over to interlock the casing and the cover substantially as set forth.

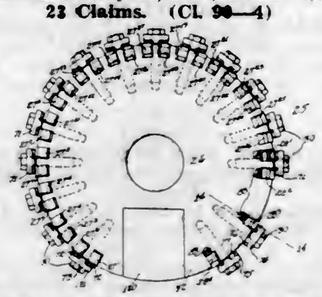
2,126,004

CUTTER FOR AND METHOD OF CUTTING GEARS

James E. Gleason, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York

Application February 15, 1934, Serial No. 711,382

23 Claims. (Cl. 90—4)



1. In a gear cutting tool, a rotary head, a plurality of stocking blades followed by one or more finishing blades projecting from one side face of said head in the general direction of the axis of the head and being arranged circularly but only part way around the periphery of the head to leave a gap between the last and first blades, said stocking blades having narrow cutting lands on the sides thereof that are relieved to provide short side cutting edges, the cutting lands of different blades being at progressively varying distances from the face of the cutter head but overlapping so that the short side cutting edges together cover the whole height of a tooth surface, and said finishing blade or blades having cutting edges adapted to cut the whole height of the tooth sides and radially offset with regard to corresponding side cutting edges of the stocking blades to take finishing cuts.

6. The method of cutting a non-generated gear which comprises employing a rotary tool that has a series of stocking blades followed by one or more finishing blades with the blades projecting from one side face of the tool in the general direction of the axis of the tool and arranged circularly but only part-way around the periphery of the tool with a gap between the last and first blades and in which the stocking blades are adapted to cut progressively deeper into the blank to the full depth of the tooth spaces as a limit and are so arranged as to leave a thin film of metal on the tooth side, and in which the finishing blade or blades is or are adapted to cut the full height of the tooth sides and have side cutting edges offset radially inwardly and outwardly, respectively, with reference to corresponding side cutting edges of the stocking blades so as to remove the thin film of metal left by the stocking-out blades and produce the final finished tooth surfaces, positioning said tool in operative relation with a gear blank so that the tool will cut to the full depth of the tooth spaces of the gear blank without feed, rotating the tool on its axis, holding the blank stationary while the cutting edges of the tool are in engagement with the blank, and indexing the blank once for each revolution of the tool during the time the gap of the tool is abreast of the blank.

2,126,005

NONREFILLABLE BOTTLE STOPPER

Edgeworth Greene, Upper Montclair, N. J.

Application March 30, 1935, Serial No. 13,891

4 Claims. (Cl. 215—14)



1. The combination of a bottle and a stopper assembly secured thereto, said stopper assembly comprising a flanged valve casing, a cover member, and a sealing gasket compressed between the top of said bottle neck and the flange of said valve casing and said cover member, the top of said bottle neck being provided with integral anchoring means for so gripping said gasket as to prevent relative rotation between the gasket and the bottle, the bottom of said cover member being in such frictional contact with said gasket as to normally prevent relative rotation between the cover member and the gasket.

2,126,006

GAME AND APPARATUS

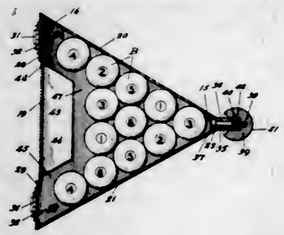
John H. Gross, New York, N. Y.

Application January 16, 1937, Serial No. 120,873

11 Claims. (Cl. 273—14)

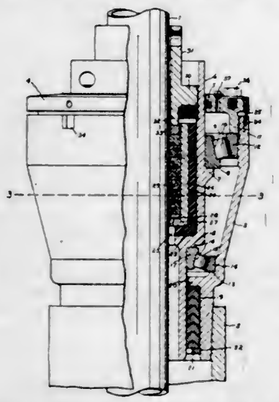
1. In a device of the class described, the combination of a support providing a flat pool-table-like surface, a container of substantially triangu-

lar form in plan having two openings in its base side, each opening provided with a drop closure hingedly mounted above its respective opening, twelve billiard balls constituting two sets numbered one to six, said balls located in a single plane in the container with nine of the balls arranged in the form a V, one line of the balls being in alignment with one of the openings and the other line being in alignment with the other opening, a plunger mounted at the angle of the container opposite the base side and adapted at its inner end to contact with the ball forming the crotch of the V, the outer end of the plunger exteriorly of the container provided with a spherical ex-



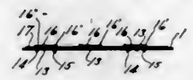
posed contact face simulating a billiard ball, a reset spring acting on the plunger and tending to project the spherical face outwardly away from the container, a free cue ball on the support exteriorly of the container and adapted to be moved forcefully, as by percussion from a cue in playing pool, into contact with the spherical face to move the plunger inwardly against the resistance of its reset spring and thus cause the plunger to react along the two lines of balls to cause an end ball of each line to move out of the container through the adjacent opening and against the resistance offered by the drop closure of such opening.

2,126,007
DRILLING HEAD
William R. Guiberson, Los Angeles, Calif., and Albert Pranger, Dallas, Tex., assignors to The Guiberson Corporation, Dallas, Tex., a corporation of Delaware
Application April 12, 1937, Serial No. 136,422
8 Claims. (Cl. 255—1)



1. In combination with a rotatable kelly and a fixed casing, a housing secured to the casing, a packing engaging the kelly, a sleeve engaging and rotatable with the packing, an outer sleeve, and shock absorbing means vulcanized to one of said sleeves and interposed between the sleeves, and said sleeves being rotatable within the housing.

2,126,008
SIGN DEVICE
Jennie B. Hamilton, Westfield, Mass.
Application May 17, 1937, Serial No. 143,078
2 Claims. (Cl. 40—5)



2. As an article of manufacture, a sign device of the type which carries price indicia thereon for marking commodities for sale, comprising a supporting plate of Celluloid and the like, having a series of spaced rectangular window openings in line formed by a plurality of pairs of parallel cuts through said plate member with the portions between each pair of cuts offset backwardly from the surface of said plate member to form retaining straps behind the window openings, a slidable strip card bearing indicia for display through said window openings removably received between the underside of said plate and said several retaining straps, the cut free edges at corresponding sides of said offset straps being flared backwardly from the plate to provide bell mouthed openings for the easy insertion of said slidable strip, and one or more of said retaining straps having an inwardly depressed nib to frictionally engage the inserted strip and hold it from displacement.

2,126,009
AMINO-CHLORODIPHENYL DERIVATIVES
Morton Harris, Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware
No Drawing. Application March 21, 1935, Serial No. 12,253
6 Claims. (Cl. 260—130.5)

3. A compound selected from the group consisting of 4-amino-2'-chlorodiphenyl and its inorganic acid addition salts.

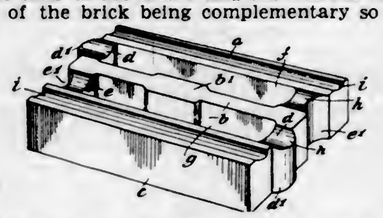
2,126,010
MAGNESIUM ALLOY
John Leslie Haughton and William Eliezer Prytherch, Teddington, England
No Drawing. Application September 22, 1936, Serial No. 102,048. In Great Britain October 7, 1935
1 Claim. (Cl. 75—168)

A magnesium alloy containing a proportion of aluminium within the limits 6 and 8 per cent., a proportion of silver within the limits 1.5 and 3 per cent., the balance being magnesium.

2,126,011
CAVITY BRICK FOR BUILDING PURPOSES
Fred Henry Hedinger, Hampstead, Middlesex, England
Application April 14, 1937, Serial No. 136,934
In Great Britain April 16, 1936
4 Claims. (Cl. 72—41)

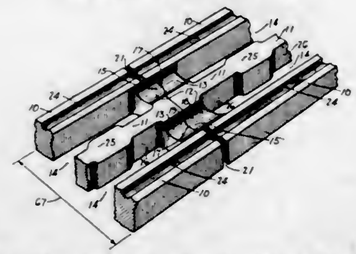
1. A cavity brick comprising three longitudinal parallel spaced vertical runner web elements, the outside elements constituting the back and front of the brick, transverse vertical web elements connecting and integral with the ends of said runner elements forming the ends of the brick, and said longitudinal and transverse web elements enclosing elongated vertical cavities, said web elements

having complementary male and female key elements located in diagonally opposite relationship at the ends of the bricks and the contour of the ends of the brick being complementary so that



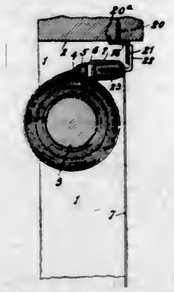
the brick is reversible on a vertical axis and so that the key elements will closely interfit the complementary elements of an adjacent brick without intervening air space.

2,126,012
WALL CONSTRUCTION
Fred Henry Hedinger, Hampstead, England
Application December 17, 1937, Serial No. 180,350
In Great Britain April 21, 1937
12 Claims. (Cl. 72—41)



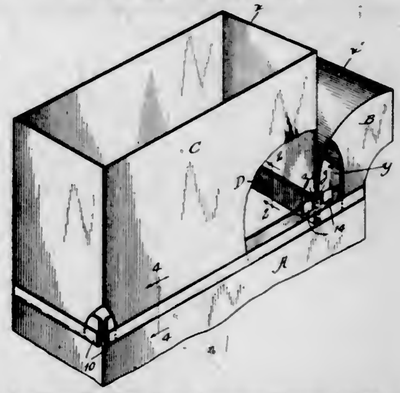
1. A wall construction comprising a plurality of courses of individual bricks having spaced vertical longitudinal stretcher elements at the front and back of the brick united together by mortar over the bottom, top and end surfaces of the stretcher elements only, each brick having three stretcher elements, the outside elements forming the front and back of the brick and the inside element extending midway through the brick, the outside elements being shorter than the inside element and forming a recess for reception of said mortar.

2,126,013
WINDOW SHADE CONTROL DEVICE
Max W. Hendrich, New York, N. Y.
Application November 9, 1937, Serial No. 173,560
4 Claims. (Cl. 156—40)



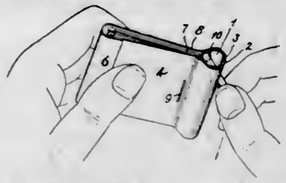
1. A device of the character described comprising, a window shade having a pull bar, a stop member secured to said bar, said stop member having a rigid lug portion extending downwardly below the lower edge of the bar and formed with a laterally extending lug portion at its lower end for contact with portion of the window frame in which the shade is mounted when the shade is fully raised.

2,126,014
SLIP DIVIDER FOR AIR CONDUITS
John J. Holub, Cicero, Ill.
Application July 24, 1937, Serial No. 155,426
2 Claims. (Cl. 138—37)



1. A slip-divider for air-conductor pipes embodying a metal strip folded upon itself intermediate its longitudinal edges to provide spaced walls forming a pocket adapted to receive a wall of an adjacent conductor pipe; lateral flanges at the ends of the walls of said pocket; and downwardly bent lips at the upper edges of said flanges, said lips adapted to be seated upon the end of a conductor pipe whereby said divider may be adjusted transversely thereof.

2,126,015
SAFETY BOOK MATCH
Henry R. Howland, Brooklyn, N. Y.
Application December 24, 1937, Serial No. 181,484
1 Claim. (Cl. 206—29)



In a book match packet, a match strip embodying a plurality of match ends, an envelope having a portion overstanding and protecting said match ends and having a tubular portion at the base away from the match heads and substantially closed except at its ends, a striker strip within and at the back of said tubular portion, said tubular portion having a longitudinal slit opposite said striker strip, the opposite walls of said slit being yielding for the purpose described.

2,126,016
HAND BRAKE LEVER
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application July 3, 1937, Serial No. 151,781
6 Claims. (Cl. 74—537)

1. In combination, a stamped toothed ratchet sector, a lever shaft comprised of two stamped

similarly shaped parallel side wall members pivoted at one end to and astraddle said sector, said side wall members being arranged in parallel relation and laterally spaced, a pawl pivoted to the lever to cooperate with said ratchet for clutching the lever in adjusted position, pawl release means including an element positioned along the major portion of the length of said lever shaft, said element consisting of a rolled metal piece of T-section, said release member arranged with its web working between said side walls and with its flange overlying an edge margin of the shaft to



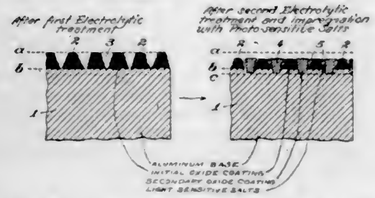
cover the space between said walls, pivot means engaging said walls and the web of said release member for pivotally connecting the release member to the lever shaft, said release member having a manipulating part adjacent the grip portion of said lever shaft for rocking the release member in one direction, means connecting said release member and said pawl for positively moving said pawl into and out of clutching engagement with said ratchet, and spring means acting against said release member for normally holding said release member in one position and said pawl in latched engagement with the ratchet.

2,126,017

METHOD OF PRODUCING PHOTOGRAPHIC REPRESENTATIONS ON ALUMINUM SURFACES

Alexander Jenny, Berlin-Charlottenburg, and Nikolai Budiloff, Berlin-Friedenau, Germany, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany

Application April 25, 1934, Serial No. 722,398
In Germany April 25, 1933
5 Claims. (Cl. 95—8)



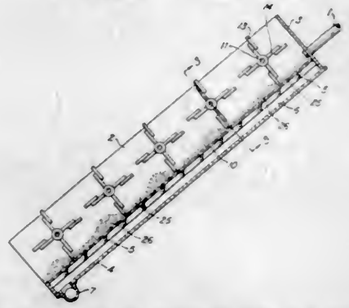
1. In the process of producing photographic representations on articles of aluminum and aluminum alloys, the steps which comprise treating a sheet of aluminum composition electrolytically in an aqueous coating bath containing chromic acid, under conditions producing a porous oxide layer thereon, then treating the resulting oxide-coated sheet electrolytically in an aqueous bath of oxalic acid, under conditions producing the accession of additional porous oxide coating, and impregnating the resulting coating with photosensitive materials.

2,126,018

METHOD OF AND APPARATUS FOR FILTERING DISTILLERY SLOP

Charles W. Kalkhoff, Louisville, Ky., assignor, by direct and mesne assignments, to Louisville Drying Machinery Company, Incorporated, Louisville, Ky., a corporation of Kentucky

Application March 31, 1936, Serial No. 71,857
6 Claims. (Cl. 210—151)



1. The method of filtering wet material uniformly comprising, directing the material downwardly along an inclined screen, varying the thickness of the mass of material and preventing the maintenance of a soggy lower layer of material by agitating the material during such movement to provide a continual change in the surface of the material in contact with the screen, and regulating the time of travel of the material along the screen in dependence upon the agitating step.

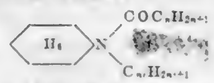
2,126,019

PLASTICIZER FOR RUBBER DERIVATIVES

Arnold Kirkpatrick, St. Louis, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application October 7, 1935, Serial No. 43,921
10 Claims. (Cl. 106—23)

1. As a new composition of matter, a material comprising a normally hard, brittle derivative of rubber selected from the class consisting of polymers and addition products of rubber, said derivatives being admixed with a substantial amount of material of the formula



where n and n' are like or unlike whole numbers not less than 1 or greater than 6.

2,126,020

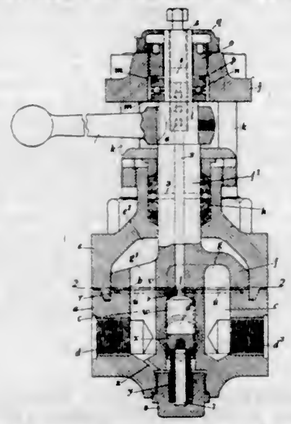
VALVE FOR CONTROLLING FLUIDS

Robert William Leach, Newport, England, assignor of one-half to Audley Engineering Company Limited, Newport, England

Application June 16, 1937. Serial No. 148,601
In Great Britain March 4, 1937
2 Claims. (Cl. 251—84)

1. A fluid controlling valve comprising the combination of a valve body, a closure member in the form of a rotary disc, a flat ported seating for the said closure member in the said body, an

operating stem extending through the said body from the said closure member and having an axial lubricant supply passage formed therein, a lubricant delivery chamber formed in the said body and communicating with the inner end of the said passage, a piston for forcing lubricant from the said chamber between the said closure member and seating, an adjustable thrust bearing whereby axial pressure can be exerted on the outer part of the said stem in the direction for holding the said closure member on the said seat-



ing, the said thrust bearing being arranged around the said stem at a position adjacent to its outer end, a gland surrounding the said stem at the inner side of the said thrust bearing, an operating handle attached to the said stem between the said thrust bearing and gland, a lubricant storage chamber formed in the stem at the outer end of the said lubricant supply passage, and a plug in the outer end of the said stem for forcing lubricant from the said storage chamber through the said passage to the said delivery chamber.

2,126,021

SHIRT

Moses Liebmann, New York, N. Y.

Application March 10, 1938, Serial No. 195,017
1 Claim. (Cl. 2—117)



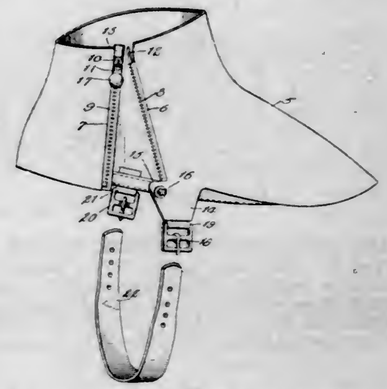
A shirt or similar outer garment under which trouser supporters are adapted to be worn, the body of said shirt being formed with openings located adjacent to the trousers top through which tab portions of the trouser supporters extend to engage trouser buttons, said shirt having spaced flaps formed to resemble pockets secured over and concealing said openings, the flaps having their lower edges free of the shirt body, said flaps being so located upon the shirt body that the free lower edges of said flaps extend below the upper edge of the trousers top, each flap overlying one of the openings and cooperating with the trousers in fully concealing the tab portions of the trousers extending through said openings.

2,126,022

FOOT AND LEG COVERING, OVERGAITER, AND THE LIKE

George Manolis, Chicago, Ill., assignor of one-half to Eustitheos Manolis, Chicago, Ill.

Application July 31, 1937, Serial No. 156,719
3 Claims. (Cl. 36—2)



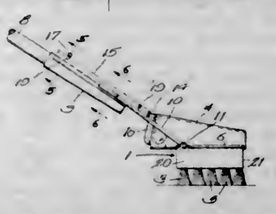
1. A foot-covering and the like comprising an ankle-embracing body having a slit at one side; slide fastener devices for closing said slit; a finger-piece for operating said devices; an extension formed as a part of and borne by said body, said extension projecting below the lower margin of the body and transversely across the line defined by said slit; separable fastener members mounted respectively on said extension and said finger-piece; means at the lower portion of said extension and also at the opposite side of said body for fastening a strap; and a strap provided with means at both ends adjustably cooperating with said last-named means.

2,126,023

COMBINATION TOOL

Thomas F. McGoldrick, Chicago, Ill.

Application July 20, 1936, Serial No. 91,502
2 Claims. (Cl. 15—105)



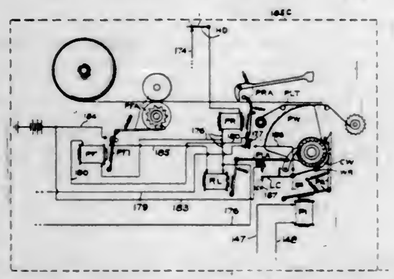
1. An attachment for a flat backed brush or the like having a handle pivoted thereto, including an inverted scoop shaped shovel mounted on the back of said brush, means engaging and guiding the open side edges of the shovel to slide upon the back of the brush, and a connecting link attached to the back of the shovel mounted to slide lengthwise upon the said handle to extend and retract the shovel over the back of the brush, and means to secure the link to the handle at the respective ends of its travel.

2,126,024
PRODUCTION OF CULTURE PEARLS
Kokichi Mikimoto, Ginza, Kyobashi-ku, Tokyo-shi, Japan
Application April 5, 1937, Serial No. 135,203
1 Claim. (Cl. 119—4)



A method of producing culture pearls bearing a close resemblance to natural pearls which consists in cutting off a small piece of the mantle with epithelium of a living pearl oyster, inserting said small piece into the body of a living pearl oyster; injecting a liquid containing a soluble calcium salt and vitamin D into the body and culturing the treated pearl oyster in sea water.

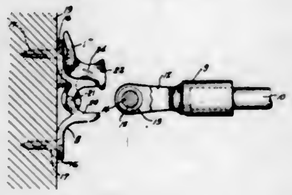
2,126,025
ANNUNCIATOR RECORDER SYSTEM
Manfred W. Muehter, Nutley, N. J., assignor to American District Telegraph Company, Jersey City, N. J., a corporation of New Jersey
Application May 22, 1935, Serial No. 22,680
45 Claims. (Cl. 234—27.5)



7. In combination, a plurality of drops each having a normally closed switch and a normally open switch; an actuating relay associated with each drop having a double-throw switch having make, break and transfer contacts; a resistor having one end connected to each transfer contact; a source of current; signal conductors connecting the normally open switch between the source and the break contact; restoration conductors connecting the normally open switch between the source and make contact; a code selector switch having a wiper and fixed contacts respectively connected to the resistors at said end; cut off means connected to the other end of the resistor and set in operation by the connection of the resistor to the source for causing the wiper to move to and stop on the contact connected therewith; an alarm signal relay interposed, by the operation of the cut-off means into the signal conductor when conducting and thereby energized; a restoration signal relay interposed, by the operation of the cut off relay, into the restoration conductor; a plurality of character carriers; and means set in operation by said signal and restoration relays respectively for setting said carriers in different positions for the same position of the selector switch.

18. In combination, a transmitter comprising a stepper-control and printing banks of contacts, a wiper for each bank, and stepping means for the wipers electrically connected to the stepping control wiper; a plurality of settable type carriers; printing means and paper feed means, cooperating with said type carriers, for printing on paper and feeding the paper; the stepper control bank including a printer contact and a feeder contact; means for supplying potential to the contacts of the stepper control bank except the printer and feeder contacts; a printing magnet for operating the printing means; means for supplying current to the printing magnet at printing position of the wipers through the printer contact; means controlled by the printing magnet when energized for supplying potential to the printer contact of the stepper control bank, to step the stepper control wiper to the feeder contact; a paper feed means having a paper feed magnet; means including a circuit controlled by the next subsequent contact of the printer-control bank and the printing magnet when deenergized, for supplying current to the paper feed magnet; a restoring means including a release magnet for restoring the carriers; means operated by the paper feed magnet for energizing the release magnet; and means set in operation by the operation of the release magnet for conducting current to the feeder contact of the stepper control bank for causing the stepping means to continue.

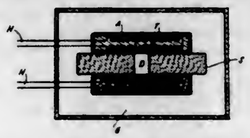
2,126,026
BOLTLESS BRACKET HINGE
Jokum J. Munson, Milwaukee, Wis.
Application September 24, 1937, Serial No. 165,547
7 Claims. (Cl. 156—15)



7. A hinge member for interposition between two relatively movable elements, comprising a bracket carried by one of the elements and having a socket therein, and a bifurcated member carried by the other of said elements and having a rod spanning the ends of the bifurcations, said rod being removably positionable within said socket for turning movement therein, latch means movably carried by the bracket for closing said socket about the rod portion, and a pivotal locking arm carried by the latch and releasably engageable with a portion of the bracket to hold the latch in socket closing position.

2,126,027
ELECTRICAL CONDENSER
Herbert Muth and Wilhelm Runge, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application March 28, 1934, Serial No. 717,790
In Germany April 21, 1933
2 Claims. (Cl. 175—41)

1. A condenser whose capacity remains substantially constant with temperature changes comprising electrodes for said condenser each formed of a ceramic body covered with a metallic coating, a dielectric of sodium potassium tartrate interposed between said electrodes, said dielectric having a constant independent of temperature within a range of temperature, means to maintain

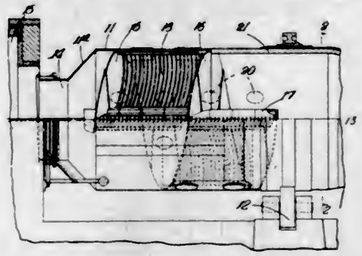


the temperature within said range comprising a heating coil located within said ceramic body.

2,126,028
SAFETY GLASS
Howard K. Nason, St. Louis, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application October 11, 1937, Serial No. 168,397
4 Claims. (Cl. 49—81)

2. Safety glass including in combination a plurality of sheets of glass bonded together through the medium of a layer of resinous polyvinyl acetal in admixture with a plasticizer consisting of tributyl citrate.

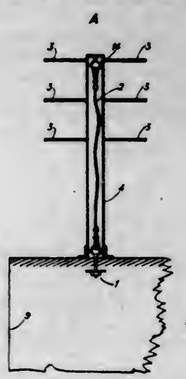
2,126,029
APPARATUS FOR DRYING SLURRY AND OTHER MATERIALS
Lionel Douglas Parker, Barrow-in-Furness, England, assignor to Vickers-Armstrongs Limited, Westminster, England, a British company
Application October 31, 1935, Serial No. 47,605
In Great Britain November 13, 1934
12 Claims. (Cl. 34—6)



10. A rotary kiln having a drying zone for material to be calcined in the kiln, characterized by the provision in the drying zone of a helical channel with loose bodies of heat-resistant material therein and a perforated wall preventing the passage of the bodies from the channel into the body of the kiln but allowing the kiln gases to pass through the channel in countercurrent to the material.

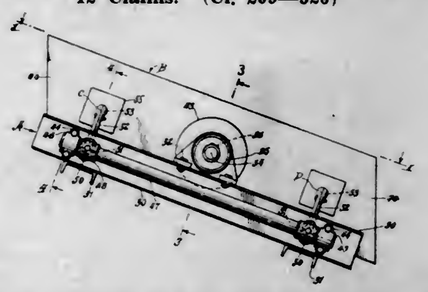
2,126,030
ANTENNA SUPPORT
Harold O. Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application July 13, 1935, Serial No. 31,184
8 Claims. (Cl. 250—33)

1. The combination with a vertical tubular mast mounted on a supporting structure, of flexible restraining bond of high tensile strength which is loosely fitted within said mast and functioning only when breakage of said mast occurs, one end of said bond being attached to said supporting structure and the other end to the upper portion of said mast, said mast being se-



curely supported independently of said flexible restraining bond.

2,126,031
VIBRATORY SCREEN
Walter H. Popp and Edward A. Ebert, Buffalo, N. Y.
Application May 28, 1936, Serial No. 82,287
12 Claims. (Cl. 209—326)

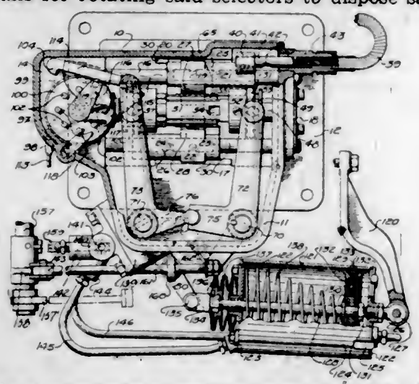


3. A vibratory screen comprising: a base; a screen frame; a horizontal eccentric shaft journaled on said base and extending through said frame substantially midway between the ends thereof; means mounting said frame on the eccentric portion of said shaft for positively gyrating said frame relatively to said base in a vertical plane; an oscillating aligning shaft journaled on said base; a pair of spaced-apart arms rigidly secured to said aligning shaft and arranged on opposite sides of said eccentric shaft; and links lying in a generally vertical plane and connecting each arm with said screen frame.

2,126,032
MOTOR VEHICLE TRANSMISSION CONTROL
Glenn T. Randol, Marmaduke, Ark.
Application July 30, 1935, Serial No. 33,900
71 Claims. (Cl. 74—334)

1. In transmission control mechanism, rotatable digitated selectors having sockets in the fingers thereof and axially shiftable to dispose said sockets in circular alignment, shifting means movable by said selectors selectively for rendering a selected speed active, coupling means carried by said first-mentioned means and engageable in said sockets selectively when disposed in alignment for coupling said shifting means with said

selectors selectively for movement thereby, and means for rotating said selectors to dispose said



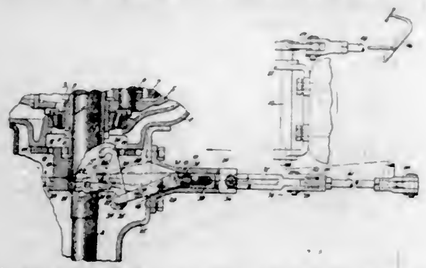
sockets selectively in position to receive said coupling means.

2,126,033

CONTROL MECHANISM FOR AUTOMOBILE TRANSMISSIONS

Glenn T. Randol, Cape Girardeau, Mo.

Application March 27, 1936, Serial No. 71,133
7 Claims. (Cl. 192—82)



1. In a control mechanism for shifting a slidable element of a change speed gearing in opposite directions to two different positions, a support adjacent the slidable element, a member pivoted to the support and connected to the slidable element, a longitudinally reciprocable member, a finger pivoted to the reciprocable member, cooperating means on opposite sides of the pivotal axis of the pivoted member and on the finger for connecting the two together whereby the pivoted member may be rotated in opposite directions by the movement of the reciprocable member away from said pivoted member, and cooperating means on the pivoted member and the finger and controlled by the position of the pivoted member for causing said finger to be alternately connected to the opposite sides of the pivoted member when the reciprocable member is successively reciprocated to move the pivoted member.

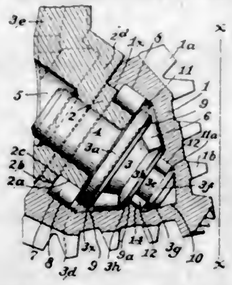
2,126,034

ROLLER CUTTER SPINDLE AND BEARING ASSEMBLY FOR EARTH BORING DRILLS

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application October 24, 1936, Serial No. 107,470
Renewed June 18, 1938
12 Claims. (Cl. 255—71)

1. As an article of manufacture, a spindle and support for an earth boring drill comprising a spindle main body having a cylindrical raceway thereon for receiving radial thrusts of a roller cutter transmitted through roller bearings, a terminal spindle section removably secured to said main body having a flange abutting the end of the main body and defining one side of the cylindrical raceway, said terminal section also having a frusto-conical raceway portion coaxially with the main body, and extending from said flange,



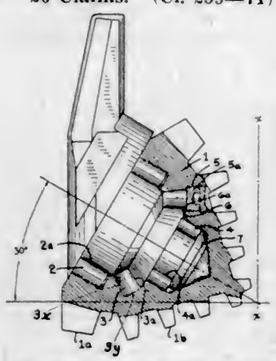
a flange at the smaller diameter end of said frusto-conical portion, a reduced diameter cylindrical extension providing a third raceway beyond said second mentioned flange, and a third flange at the end of said last mentioned extension providing, together with said reduced diameter extension and said second flange, a raceway for cylindrical roller bearings, substantially as described.

2,126,035

EARTH BORING BIT

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application November 27, 1936, Serial No. 113,071
20 Claims. (Cl. 255—71)



1. A roller cutter and roller bearing assembly for an earth boring drill comprising a cutter having its axis inclined approximately thirty degrees to a horizontal, a spindle, and tapered roller bearings positioned between the cutter and the spindle with their larger ends towards the axis of the drill.

2,126,036

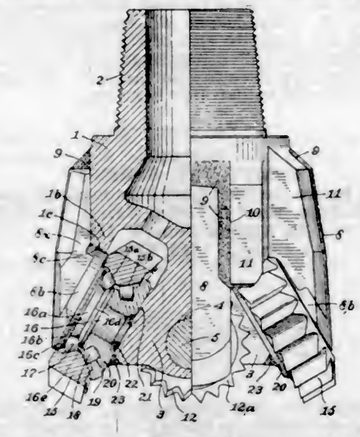
EARTH BORING DRILL

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application November 4, 1936, Serial No. 109,187
15 Claims. (Cl. 255—71)

14. In a roller cutter organization for an earth boring apparatus, a frusto-conical roller bearing

positioned with the larger ends of the frusto-conical rollers towards the axis of the apparatus for sustaining end thrusts of the cutter inwardly



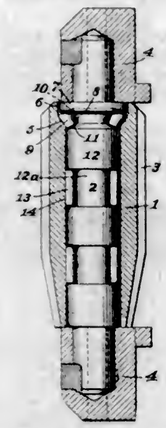
of the apparatus, and other frusto-conical rollers positioned for sustaining end thrust of the cutter outwardly from the axis of the apparatus.

2,126,037

REAMER CUTTER

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application December 2, 1936, Serial No. 113,905
15 Claims. (Cl. 255—73)



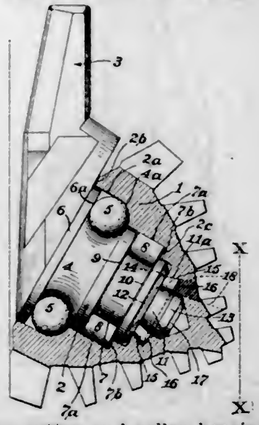
1. A reaming roller cutter assembly for enlarging earth bored wells comprising a toothed roller reamer cutter disposed with its axis vertical, a spindle, frusto-conical anti-friction roller bearings arranged with their smaller ends directed downwardly, complementary frusto-conical raceways in the bore of the roller reamer cutter and on the spindle, the small diameter lower faces of the frusto-conical rollers being shielded by the wall of the spindle against upthrust of the reamer cutter and cylindrical anti-friction roller bearings between cylindrical raceways in the bore of the cutter and on the spindle, said frusto-conical rollers taking radial loads and upthrust from the reamer cutter and relieving said cylindrical rollers of said upthrust.

2,126,038

ROLLER CUTTER, SPINDLE, AND ANTIFRICTION BEARING ASSEMBLY

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application January 4, 1937, Serial No. 119,016
Renewed April 4, 1938
12 Claims. (Cl. 255—71)



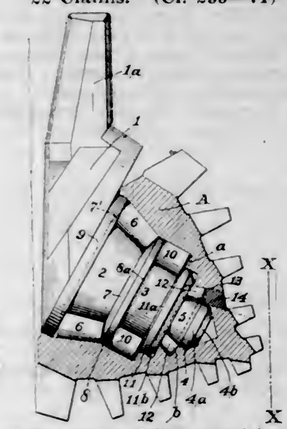
1. A roller cutter and roller bearing assembly for an earth boring drill comprising a roller cutter, a spindle, a support for the spindle, ball bearings between the cutter and the spindle, cylindrical roller bearings between the cutter and the spindle, and tapered roller bearings also between the cutter and the spindle.

2,126,039

EARTH BORING DRILL

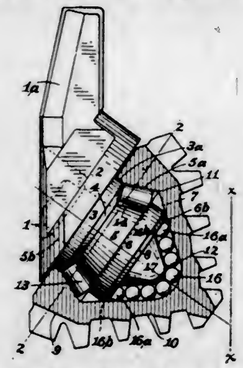
Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application March 8, 1937, Serial No. 129,724
Renewed June 21, 1938
22 Claims. (Cl. 255—71)



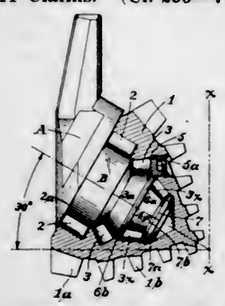
1. An earth boring drill comprising a bit head and a frusto-conical roller cutter unit carried thereby including a spindle having frusto-conical raceway bearing surfaces oppositely inclined to the spindle axis each of said surfaces being defined by a shoulder of larger diameter than the end of said surface which it adjoins, substantially as described.

2,126,040
ROLLER CUTTER ORGANIZATION FOR EARTH BORING DRILLS
Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey
Application May 4, 1937, Serial No. 140,711
Renewed June 21, 1938
19 Claims. (Cl. 255—71)



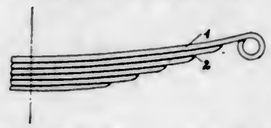
1. A roller cutter assembly for earth boring drills comprising a toothed roller cutter of frusto-conical form having a bore opening through its base, a spindle having a frusto-conical raceway surface tapering in a direction away from the apex end of the roller cutter and having a passageway in said raceway surface, roller bearings tapered to fit the said raceway surface of the spindle and insertable into place between said spindle raceway surface and a complementary frusto-conical raceway surface of the roller cutter along said passageway with the larger diameter end first, and annular walls on the spindle contacting the end faces of said frusto-conical roller bearings and controlling the same to pass in normal position over said passageway, substantially as described.

2,126,041
ROLLER CUTTER AND SPINDLE ASSEMBLY FOR EARTH BORING DRILLS
Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey
Application September 24, 1937, Serial No. 165,582
11 Claims. (Cl. 255—71)



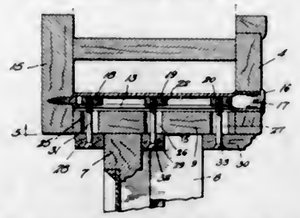
1. A roller cutter and rolling bearing assembly for earth boring drills revoluble about the vertical axis of the drill, comprising a roller cutter, a spindle, and roller bearings between the cutter and spindle in three sets, one of which sets being of cylindrical form located at one end of the roller cutter, the other two sets being arranged adjacent the other end of the cutter, each composed of frusto-conical rollers, those of one set having their larger diameter ends facing towards the vertical axis of the drill, and those at the other set having their larger diameter ends facing towards the opposite end of the cutter at which the cylindrical roller bearings are located, and complementary raceway surfaces on the spindle and cutter for said roller bearings.

2,126,042
LAMINATED SPRING
Hugo Reinz, Berlin-Charlottenburg, Germany
Application May 28, 1935, Serial No. 23,874
In Austria June 2, 1934
4 Claims. (Cl. 267—47)



1. Relatively thin intermediate web layers for laminated springs consisting of a densely woven fabric comprising wires and soft absorbing fibrous material, said metal wires being juxtaposed and woven to present large portions of the wires on the surface of the fabric and to provide a metallic sliding surface for the leaves of a spring, said soft absorbing fibrous material comprising threads laid side by side and having uninterrupted contact throughout their lengths, a lubricant absorbing material rolled into the fabric on both surfaces thereof and a lubricant pressed onto the surface of the fabric.

2,126,043
STRIP MOUNTING DEVICE FOR WINDOWS
Joseph Rentler, Columbus, Ohio
Application February 4, 1937, Serial No. 124,103
5 Claims. (Cl. 16—220)

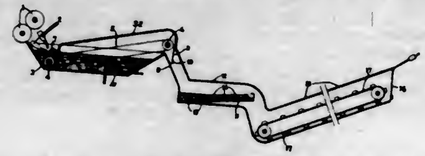


1. A strip mounting device for windows including a body adapted to be positioned in a window frame, anchoring blocks carried by the body, and anchoring bolts carried by the anchoring blocks being adapted to mount sash guide strips in position engaging sash rails whereby sashes will be sealed against air flow without the use of weather-stripping.

2,126,044
MANUFACTURE OF SOLUBLE CELLULOSE
Lancelot O. Rolleston, Glens Falls, N. Y., assignor to International Paper Company, New York, N. Y., a corporation of New York
Application May 19, 1932, Serial No. 612,373
14 Claims. (Cl. 260—100)

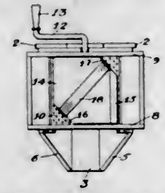
1. Apparatus for the treatment of cellulosic material which comprises a treating tank adapted to retain a liquid, a conveyor arranged at an angle within said tank, and means for directing a sheet of said material onto said conveyor,

said conveyor being adapted to retain the mate-



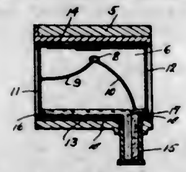
rial within the liquid during a portion of its travel and to carry the material out of the liquid.

2,126,045
FRUIT JUICE EXPRESSING DEVICE
Michelino Santamaria and Emedio Santamaria, Rochester, N. Y.
Application September 19, 1936, Serial No. 101,618
1 Claim. (Cl. 146—174)



A juice expressing device, comprising a hopper, having straining means, a delivery chute for receiving juices from said straining means, and a rotor in said hopper comprising a substantially rectangular block having diagonally opposite corners cut away to provide a by-pass for material in the hopper and a substantially circular cutter arranged diagonally on the block and secured to said cut-away corners.

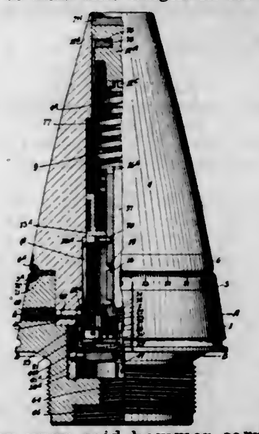
2,126,046
BEARING
James Schembri, Ithaca, N. Y.
Application June 7, 1937, Serial No. 146,954
2 Claims. (Cl. 308—132)



2. In a bearing, a bushing provided internally thereof and at the respective opposite ends thereof with circumferential oil grooves, said bushing being also provided at diametrically opposite sides thereof with longitudinal oil grooves connecting said circumferential oil grooves, one of said longitudinal grooves being relatively wide and deep, and a wick in the last mentioned longitudinal groove; said bushing being also provided with an oil inlet opening and internal grooves extending in different directions from said opening, one of the last named grooves extending to one of the peripheral grooves, and the other of the last named grooves extending to the wick-accommodating longitudinal groove.

2,126,047
MECHANICAL TIME FUSE
Edouard H. Sohenk, New York, N. Y., assignor, by direct and mesne assignments, to Edgar Brandt, Paris, France
Application November 2, 1935, Serial No. 47,914
15 Claims. (Cl. 102—36)

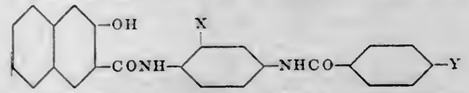
1. In a mechanical fuse for an artillery projectile: a hollow fuse body, a rotary hammer carrier axially slidable in said body, a primer axially mounted in said body, a clock mechanism lodged in said carrier, a powerful compression spring normally uncompressed and arranged in said body in the axis of the fuse, a setback weight axially slidable in said body to compress this spring upon the firing of the projectile, centrifugal means to hold this weight in its back posi-



tion pressing upon said hammer carrier, means to transform the pushing force of this spring into a torque driving the clock mechanism of the fuse during the flight of the projectile and means to apply the remaining energy of this spring upon said hammer carrier at the end of the trajectory so as to drive the hammer down upon said primer.

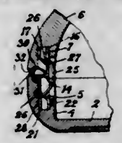
2,126,048
INTERMEDIATES FOR AZO DYES
Wilfred Archibald Sexton, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Original application January 11, 1935, Serial No. 1,385. Patent No. 2,088,726, dated August 3, 1937. Divided and this application September 25, 1935, Serial No. 42,055. In Great Britain January 16, 1934
7 Claims. (Cl. 260—124)

7. The compounds represented by the formula



in which X represents one of the group consisting of hydrogen and methyl, and Y represents one of the group consisting of hydrogen and methoxy.

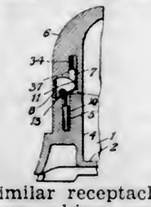
2,126,049
DISPLAY BOX
Jerome Shiffman and Harry Gross, New York, N. Y.
Application September 26, 1936, Serial No. 102,686
5 Claims. (Cl. 16—128)



1. A box or similar receptacle having a body portion and a cover, a hinge connecting the body

portion and the cover, the body portion and cover each having a slot in its back wall extending inwardly from the edge thereof, the hinge having pivotally connected leaves, one of each of said leaves extending into each of the slots, each leaf being formed with resilient tongues disposed in spaced, opposed relation within the slot and having their faces frictionally engaging the faces of the walls only thereof to thereby hold the leaf within the slot.

2,126,050
DISPLAY BOX
Jerome Shiffman and Harry Gross, New York, N. Y.
Application April 20, 1937, Serial No. 137,946
5 Claims. (Cl. 16—128)



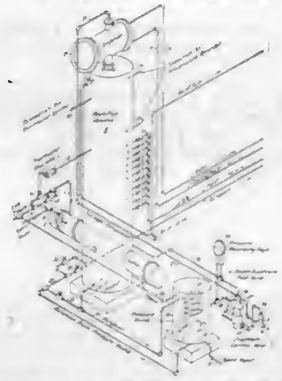
1. A box or similar receptacle having a body portion and a cover, a hinge connecting the body portion with the cover, the body portion and cover each having a slot in its back wall extending inwardly from the edge thereof, the hinge having pivotally connected leaves, one of each of said leaves extending into each of the slots, each leaf being split and formed with undulations terminating at the split portions of the leaves, said undulated portions of the leaves having shoulders located at the splits in the leaves, said shoulders being in faced relation to the hinge axis and frictionally engaging the walls of the slots to thereby hold the leaves within said slots.

2,126,051
SUPPORT FOR HAIRPINS
Robert Sievers, New York, N. Y.
Application January 28, 1937, Serial No. 122,783
1 Claim. (Cl. 223—109)



A device for holding hairpins, or the like, comprising a shape-retaining form recessed at its upper and lower surfaces, the recess of the upper surface forming upstanding marginal edges and a space for penetrable material, the recess at the lower surface being of such shape as to conform generally to the upper contour of a person's shoulder, a filling of penetrable material in said upper recess, a wire fabric overlying said filling and said upstanding marginal edges, and a pile fabric covering for the bottom, sides and marginal edges of said form, said fabric at the upper side overlying the edges of said wire fabric, and the edges of the wire fabric and the edges of said fabric covering being secured to said marginal edges of the form.

2,126,052
DEVICE FOR RECORDING VAPOR PRESSURE
Sydney S. Smith, St. Louis, Mo., assignor, by mesne assignments, to Floyd L. Kallam, Los Angeles, Calif.
Original application December 29, 1930, Serial No. 505,453. Divided and this application October 29, 1935, Serial No. 47,338
8 Claims. (Cl. 73—50)



3. Apparatus for recording the vapor pressure of a liquid comprising a coil in communication with a source of said liquid, a trap in communication with said coil, a constant temperature bath surrounding said coil and said trap, a liquid outlet from said trap, a vapor conduit leading from said trap and above the level of liquid therein and a pressure recorder connected to said conduit.

2,126,053
SPOOL
David A. Sprigings, Bloomfield, N. J., assignor to Standard Container, Inc., Bloomfield, N. J., a corporation of New Jersey
Application January 20, 1938, Serial No. 185,807
6 Claims. (Cl. 242—123)

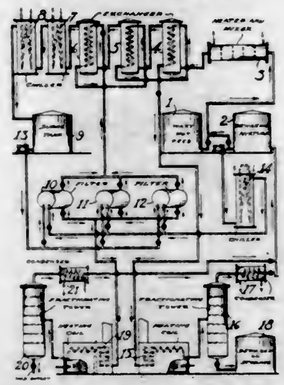


1. A metal spool or reel having a cylindrical core portion and disc-shaped ends, each of said ends having an annular channel-like recess into which an end of the core extends, lugs forced out of the body of the disc and projecting into said recess, the end of the core extending into said recess being laterally curled to conform to the inner surface of the recess and confined between the face of the recess and the lugs.

2,126,054
EMULSIFYING AGENT AND METHOD OF PREPARING SAME
Karl T. Steik, Montclair, and Stewart C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application May 11, 1934, Serial No. 725,086
12 Claims. (Cl. 252—6)

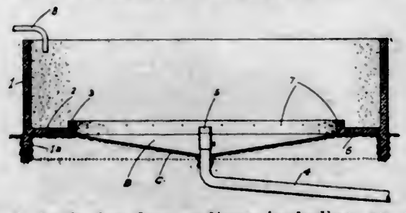
4. An emulsifying agent comprising a major proportion of oil-soluble sulfonates derived from petroleum and a minor proportion of an alcohol amine sulfonate derived from petroleum.

2,126,055
PROCESS OF USING HYDROGENATED SOLVENTS FOR DEWAXING OILS
John V. Starr, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application November 1, 1934, Serial No. 750,939
6 Claims. (Cl. 196—18)



3. A process for dewaxing a wax-containing oil which comprises diluting the oil with a mixture comprising a wax precipitant and a hydrogenated solvent obtained by subjecting an extract obtained by the selective solvent treatment of a low boiling petroleum distillate to the action of hydrogen in vapor phase under pressure in excess of 20 atmospheres, at a temperature between 900 and 1,050° F., using between 1,000 and 4,000 cu. ft. of hydrogen/barrel of oil, chilling the mixture of oil and diluent to a temperature at which wax is caused to precipitate, removing the wax and recovering the dewaxed oil.

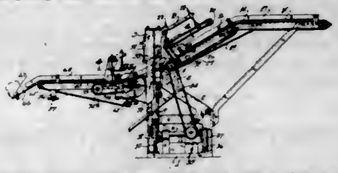
2,126,056
FEEDING TANK FOR FROG CULTURE
John E. Stearns, Tulare County, Calif.
Application December 20, 1937, Serial No. 180,788
6 Claims. (Cl. 119—1)



1. A tank for frog culture including an upstanding continuous wall, a horizontal continuous ledge projecting inwardly from the wall adjacent the bottom of the tank, and a lip upstanding from the peripheral edge of the ledge whereby to form a food retaining trough, said lip having an opening formed transversely therethrough and in a plane a predetermined distance above the upper surface of the ledge.

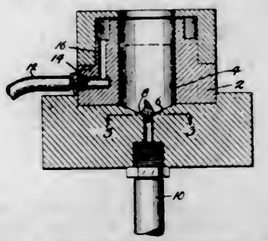
2,126,057
SLICING MACHINE
Alexander N. Szwargulski, St. Louis, Mo., assignor to Papendick, Inc., St. Louis, Mo., a corporation of Missouri
Application April 18, 1934, Serial No. 721,096
22 Claims. (Cl. 146—153)

1. In a baked loaf slicing machine, in combination, slicing means, a conveyer movable for feeding a progression of loaves to be sliced to and through the slicing means, a second conveyer movable for transporting successive loaves at cyclic intervals from the progression of sliced loaves emerging from the slicing means, driving means for the conveyers, clutching means associated with the driving means and including a clutch-disc and first and second revolvable dogs alternatively engageable with the disc, means for engaging the first dog with the disc for effect-



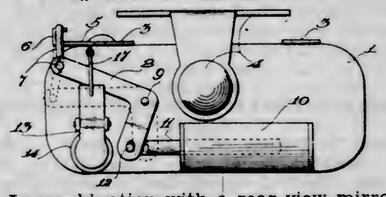
ing continuous movement of the transporting conveyer when successive loaves are delivered thereto at cyclic intervals, and means for successively disengaging the first dog from, engaging and then disengaging the second dog from and with, and then re-engaging the first dog with, said disc for effecting delayed movement of the transporting conveyer when a loaf is delivered thereto at other than a cyclic interval.

2,126,058
METHOD OF AND APPARATUS FOR SETTING CUTTING STONES
Rutherford H. Taylor, Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y., a corporation of New York
Application December 4, 1937, Serial No. 178,143
3 Claims. (Cl. 22—202)



1. In the setting of diamonds in a diamond tool holder, the method which comprises inserting a diamond of irregular shape into engagement with the wall of an opening of a different shape in a mould and flowing an inert fluid about the diamond and through the opening while pouring the metal of the setting into the mould to prevent injury to the diamond from the molten metal.

2,126,059
CAR MIRROR
Maurice C. Turner, Dallas, Tex.
Application August 4, 1937, Serial No. 157,357
2 Claims. (Cl. 88—77)



1. In combination with a rear view mirror, its frame and back, of a cover for the mirror, a solenoid and an electro-magnet being in an electrical circuit, switch means for connecting said solenoid and switch means for connecting said

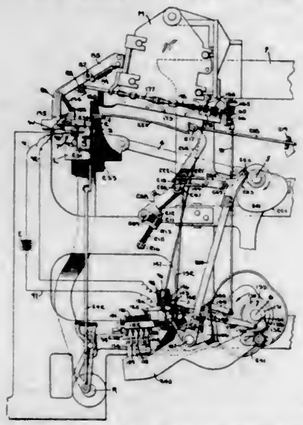
magnet on opposite sides of said circuit and within the circuit, means for connecting the plunger of the solenoid to the cover to raise the cover when the circuit is closed on the side of the solenoid, the armature of the electro-magnet cooperating with the connecting means for the solenoid plunger and the said cover for the rear view mirror to hold the cover in raised position then when the other side of said circuit is closed to energize the electro-magnet so that its armature releases said connecting means for the solenoid plunger and the said cover thereby releasing the said cover for the rear view mirror from the said raised position.

2,126,060

MULTISHUTTLE SHUTTLE CHANGING LOOM

Richard Greenleaf Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application September 27, 1935, Serial No. 42,375
14 Claims. (Cl. 139—232)



1. In a multicolor shuttle changing loom operating with a plurality of weaving shuttles any one of which may become active, a plurality of groups of reserve shuttles, a pattern surface to determine which weaving shuttle is to be active, a set of movable reserve shuttle selectors dependent for their position upon the pattern surface, weft detector controlled means to move the selector corresponding to the active shuttle from normal to abnormal position, a plurality of reserve shuttle releasing means, an operating cam having two different surfaces, a lever rendered capable by one of the surfaces to move into cooperative relationship with a selector in abnormal position, the latter selector thereupon holding the lever in the path of the other surface to cause the lever to become operatively related to the second surface, and operative connections between the lever and the reserve shuttle releasing means operated by the second surface of the cam.

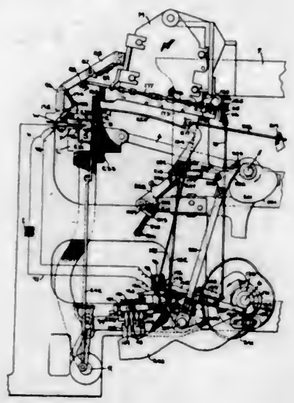
2,126,061

MULTISHUTTLE SHUTTLE CHANGER LOOM

Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Original application September 27, 1935, Serial No. 42,375. Divided and this application July 2, 1936, Serial No. 88,649
8 Claims. (Cl. 139—232)

1. In a shuttle changing loom having a reserve shuttle, a reserve shuttle receiving shuttle box, pivoted reserve shuttle actuating means, a shuttle engaging head pivoted to the means, shuttle support means on the lay under the engaging head, mechanism to move the pivoted actuating means on shuttle changing beats of the loom, a guide rod extending rearwardly from the shuttle engaging head, a reserve shuttle magazine to deposit a reserve shuttle on the support means in the path of the shuttle engaging head, and a guide through which said rod extends, said guide rod and guide effective to preserve substantially the same angular setting of the shuttle engaging head as the latter is moved by the actuating means to move the reserve shuttle toward the shuttle box.

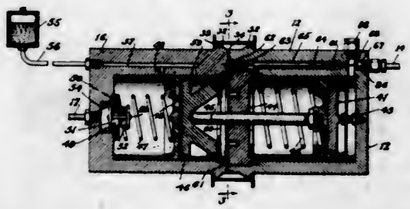


2,126,062

BRAKE MECHANISM FOR TRAILERS

Gilbert Valery and William Valery, New Rochelle, N. Y.

Application April 29, 1937, Serial No. 139,635
2 Claims. (Cl. 188—3)



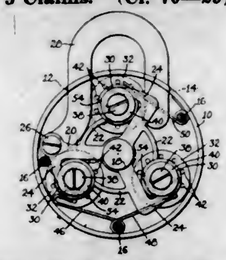
1. An apparatus of the character described comprising, an automotive trailer provided with fluid-operated brakes, a fluid-containing cylinder carried by the trailer, a piston therein for forcing fluid to the brakes, a cylinder carried by the car, said car cylinder having a piston and means connected thereto for causing the piston in the car cylinder to move the piston in the trailer cylinder, a valve for controlling the flow of fluid into the car cylinder, means for automatically holding said valve in closed position while the car cylinder is not connected to the trailer cylinder, and means carried by the trailer cylinder for causing said valve to be opened when the trailer cylinder is coupled to the car cylinder and holding it in open position as long as the trailer cylinder is so coupled.

2,126,063

PERMUTATION LOCK

James P. Van Dine and Helmar E. Van Dine, Cambridge, Mass.

Application May 4, 1936, Serial No. 77,676
5 Claims. (Cl. 70—29)



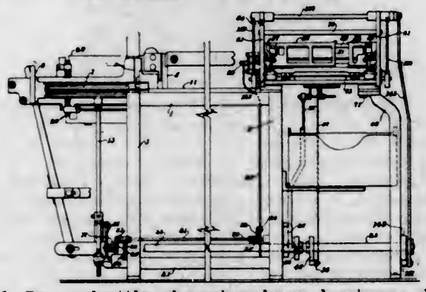
1. In a permutation lock of the character described, in combination, a housing, a rotatable member pivoted in the housing, a tumbler mounted rotatably in the housing, a bolt rotatable within the tumbler, a dial plate and stop means carried by the bolt at its opposite ends, expanding spring means borne by the bolt and interposed between the tumbler and the stop means, and a detent arm borne by the rotatable member and interposable between the stop means and the tumbler by rotation of the rotatable member.

2,126,064

AUTOMATIC CHANGE-BOX LOOM

Lewis S. Vose, Needham, Mass., assignor, by mesne assignments, to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application January 16, 1931, Serial No. 509,206
29 Claims. (Cl. 139—227)



1. In a shuttle changing loom having a lay with a single shuttle box at the shuttle changing end of the loom, a conveyor movable in a direction having a horizontal component toward the shuttle box to transfer a shuttle from the conveyor to the shuttle box, means to eject the spent shuttle from the shuttle box in a direction forwardly of the lay, a plurality of stationary groups of reserve shuttles, and a carrier movable in a direction having a horizontal component to convey a shuttle from any group to the conveyor, the conveyor thereafter effective to move the shuttle delivered by the carrier to the shuttle box.

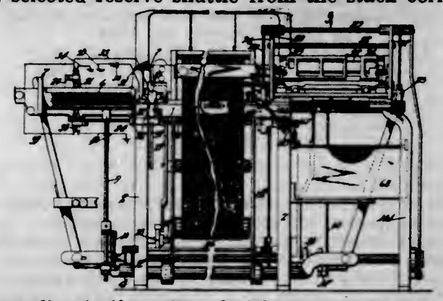
2,126,065

MULTICOLOR SHUTTLE CHANGING LOOM

Lewis S. Vose, Needham, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application April 4, 1932, Serial No. 603,051
15 Claims. (Cl. 139—227)

1. In a multicolor shuttle changing loom having a lay and a shuttle, a plurality of stacks of reserve shuttles, discharge means to eject a depleted shuttle from the lay, a carrier common to all of said stacks of shuttles and operable simultaneously with said discharge means to advance a selected reserve shuttle from the stack corresponding to the active shuttle rearwardly toward the lay, a conveyor to transfer a selected shuttle from the carrier to the lay, and means to prevent operation of the conveyor to move the selected shuttle to the lay if the discharge means fails to eject the depleted shuttle from the lay.

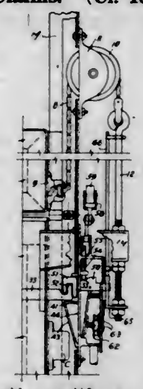


2,126,066

INTERLOCKING DOOR AND ELEVATOR MECHANISM

Herman C. Waldman, St. Louis, Mo.

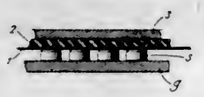
Application June 17, 1935, Serial No. 26,983
16 Claims. (Cl. 187—31)



6. In combination with an elevator-well having a landing, a car arranged for travel vertically in the well, a door shiftable vertically of the well for protecting the landing, and guides for the door fixed on the wall of the well, means including a bar shiftable on the door transversely of the well for normally during travel of the car latching the door in closed position, means comprising a bolt mounted on one of the guides for detachable engagement with the bar for movement transversely of the well by and with the bar for preventively interlocking the operation of the car with permissive operation of the door, and means for adjustably maintaining vertical alignment of the door relatively to the guides for co-operative interlocking engagement between the bar and bolt.

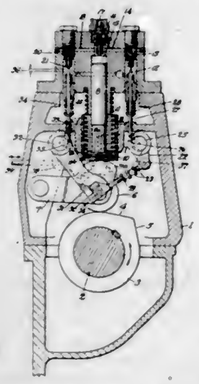
9. The combination with an elevator-door and its guide, of a guide-engaging shoe comprising a pair of separable plates for disposition upon opposite sides of the guide, and means for securing the shoe to the door in fixed relation thereto and the plates together for guide-engagement.

2,126,067
RECTIFIER
Hans Walter, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application May 13, 1935, Serial No. 21,074
In Germany May 16, 1934
5 Claims. (Cl. 175—366)



5. A rectifier arrangement particularly adapted to cuprous-oxide rectifiers having means for obtaining separate groups of which each separate group possesses substantially the same electrical characteristics comprising a separate group of rectifiers composed of a relatively large number of elements arranged upon a metallic base, a metallic foil located above said base to connect said rectifier elements in parallel relationship, a felt cushion member located above said metallic foil, a pressure plate located above said cushion member and clamped to said base plate to apply pressure to said single rectifier units.

2,126,068
FUEL PUMP FOR REVERSIBLE COMBUSTION ENGINES
Heinrich Walti, Winterthur-Wulflingen, Switzerland, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland
Application June 18, 1935, Serial No. 27,247
In Switzerland June 20, 1934
8 Claims. (Cl. 123—41)



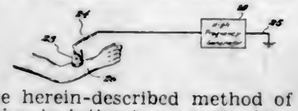
3. A fuel pump for internal combustion engines comprising a cylinder, a piston mounted within the cylinder for reciprocation, valve means for controlling the flow of fluid to and from said cylinder and including an inlet valve and a relief valve, means for maintaining said inlet valve and said relief valve normally closed, means for opening said inlet valve and said relief valve in timed relation comprising a pair of valve operating levers, eccentric fulcrum means for mounting each of said valve operating levers for rocking movement, a link member interconnecting said valve operating levers, cam means for concurrently rocking said valve operating levers and for reciprocating said piston, and means for driving said cam.

2,126,069
ELECTRIC CABLE
Kurt Wanske, Berlin-Lichtenrade, Germany, assignor to Norddeutsche Kabelwerke Aktiengesellschaft, Berlin-Neukolln, Germany
Application July 16, 1936, Serial No. 90,972
In Germany March 24, 1936
5 Claims. (Cl. 173—265)



1. An air-space insulated electric cable, comprising a central conductor, an outer covering surrounding the said conductor in spacial disposal thereto and comprising one single helically wound tape having openings disposed longitudinally thereof, and supporting means for the said conductor passed through the openings in the said tape and about the said conductor.

2,126,070
ELECTROTHERAPY
Frederick Charles Wappler, New York, N. Y.
Application April 29, 1932, Serial No. 608,192
8 Claims. (Cl. 128—172.1)

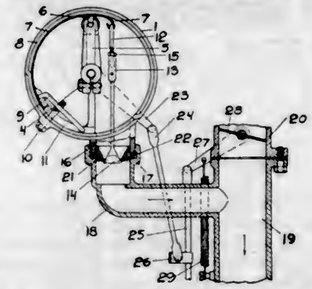


1. The herein-described method of liberating medication in intimate contact with an interior cavity of the human body, which consists in filling said cavity with a current-conductive fluid with which the medicament is associated, immersing only a single current-concentrating electrode in said fluid at a distance from the wall of said cavity, and generating a high-frequency alternating current disruptive arc in said fluid at said electrode.

2,126,071
AUXILIARY AIR CONTROLLER FOR INTERNAL COMBUSTION ENGINES
Axel Hugo Weiertz and Per Axel Reinar Weiertz, Svedala, Sweden
Application March 23, 1937, Serial No. 132,456
In Sweden March 23, 1936
15 Claims. (Cl. 123—119)

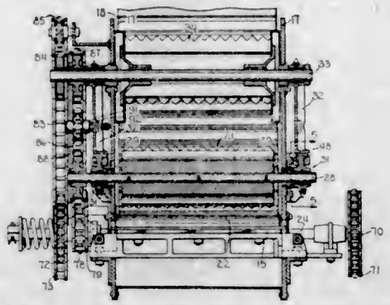
1. In an internal combustion engine of the type described, in combination with an induction pipe having a main inlet, an adjustable throttle valve controlling the same, and an auxiliary air-inlet positioned behind said main inlet, a spring-loaded valve means in said auxiliary air-inlet adapted to be automatically opened against the action of the spring-load being variable in respect of its resiliency only under the influence of the vacuum created by the engine within said induction pipe, and means for positively varying the resiliency of the spring-load of said spring-loaded valve in dependence on the position of said throttle valve,

the resiliency of the said spring-load increasing with increasing opening position of said throttle-valve, whereby said spring-loaded valve will move



farther in its opening direction for the same increase of the vacuum within said induction pipe at a greater than at a less opening position of said throttle valve.

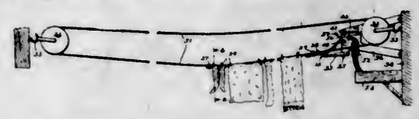
2,126,072
ENSILAGE HARVESTER
Paul H. Westerlund, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application April 23, 1936, Serial No. 76,022
10 Claims. (Cl. 146—118)



2. A harvesting machine comprising, in combination, a housing, upper and lower feed rollers positioned in said housing normally in parallel relationship with each other, a slot in each side wall of the housing, a shaft supporting said upper roller and having its outer ends extending through said slots, bearing means for supporting each end of said shaft whereby either end of said shaft may move vertically relatively to the opposite end thereof, and a cover plate for each of said slots, said cover plates being movable with said shaft in the vertical movement thereof and each having an opening through which the end of said shaft projects and an outwardly extending flange surrounding the asociated bearing and accommodating both angular and lateral movement of the latter therein.

2,126,073
CLOTHESLINE SHEATH
Ada P. Williams, Oakland, Calif.
Application December 7, 1935, Serial No. 53,328
6 Claims. (Cl. 211—119.18)

1. In a clothesline sheath for mounting on a longitudinally movable clothesline, a strip of flexible material of uniform width for wrapped disposal about the line, rows of mutually complementary fastening members provided at and along the side edges of the strip and arranged for mutually interlocked engagement when the strip is formed into a closed tube with the members of the two rows disposed in alignment, a locking runner simultaneously engaging the fastening members of the two rows for engaging or disengaging said rows of fastening members as the strip and runner are relatively moved in the

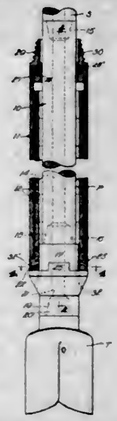


line of members, and means securing the runner against movement whereby a longitudinal movement of the line and sheath together is arranged to progressively close the sheath as the forward sheath end moves away from the runner and to progressively open the sheath as the forward sheath end moves toward the runner.

2,126,074
BRAZING
William A. Wissler, Niagara Falls, N. Y., assignor to Haynes Stellite Company, a corporation of Indiana
No Drawing. Application December 28, 1935, Serial No. 56,540
7 Claims. (Cl. 113—112)

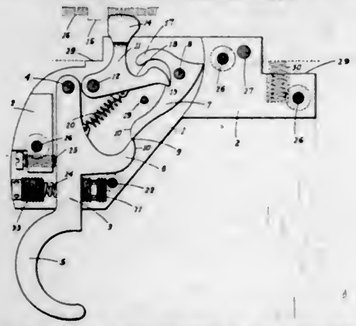
1. In a process for the furnace brazing of high-chromium metals in an atmosphere composed of neutral or reducing gas, the step which comprises preparing the gas for use by passing it in contact with a bath of molten alkali metal of the group consisting of sodium and potassium.

2,126,075
DRILL COLLAR
Jesse C. Wright, Los Angeles, Calif.; Martha H. Wright, executrix of Jesse C. Wright, deceased
Application August 24, 1936, Serial No. 97,507
23 Claims. (Cl. 255—28)



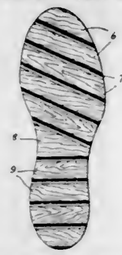
1. A drill collar for use in a rotary drilling string including, a body to be connected in the string and having sufficient strength for the transmission of the forces to which the string is subjected, a tubular part around the body, coupling means on the upper end of the said part for connecting with a washover pipe whereby said part is adapted to operate as a continuation of the wash-over pipe, and means removably connecting the outer part with the body.

2,126,076
TRIGGER MECHANISM
Henry C. Wright and Herbert W. Allen, Fresno, Calif., assignors of one-third to Russell A. Fortier, Fresno, Calif.
Application August 3, 1936, Serial No. 93,956
5 Claims. (Cl. 42—69)



1. In a trigger mechanism, a trigger pivoted at its upper end and depending therefrom, a catch finger projecting forwardly from the trigger intermediate its ends, the upper edge of the catch finger adjacent the outer end thereof being inclined upwardly, a depending sear pivoted ahead of the trigger and above the catch finger, the forward edge of the sear adjacent its extreme lower end being arranged for slight engagement with the extreme outer end of said inclined edge of the catch finger in flat face to face relation whereby to limit forward swinging movement of the sear, a firing pin control tumbler pivoted between the trigger and sear, and catch means between the tumbler and rear edge of the sear releasable upon separation of the sear and trigger catch finger and forward swinging movement of the sear.

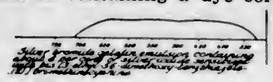
2,126,077
SHOE SOLE
Walter K. Youngberg, Meriden, Conn.
Application July 11, 1934, Serial No. 734,652
9 Claims. (Cl. 36—33)



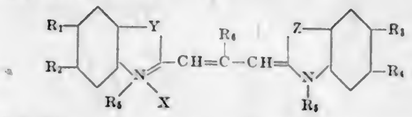
1. A shoe sole having an instep underlying ribbed portion conformable to the instep during walking and having flexing joints at different angles to the longitudinal axis of the sole.

2,126,078
SENSITIZING PHOTOGRAPHIC EMULSION
Walter Zeh, Dessau in Anhalt, Adolf Sieglitz, Frankfort-on-the-Main-Sindlingen, and Martin Dabelow, Frankfort-on-the-Main-Hochst, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application February 28, 1935, Serial No. 8,656
In Germany April 26, 1932
2 Claims. (Cl. 95—7)

1. A photographic material comprising a silver halide emulsion containing a dye corresponding

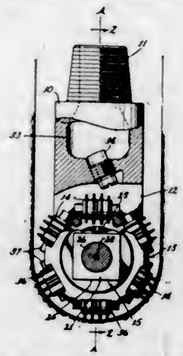


with the formula



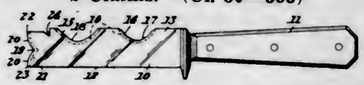
wherein
Y and Z stand for a member selected from the group consisting of S and Se,
R_1, R_2, R_3 and R_4 stand for a member selected from the group consisting of alkyl and alkoxy,
R_5 stands for alkyl,
R_6 stands for a member selected from the group consisting of hydrogen and alkyl,
X stands for an anion capable of precipitating the dye.

2,126,079
ROLLING DISK BIT
John A. Zublin, Los Angeles, Calif.
Application January 24, 1938, Serial No. 186,558
12 Claims. (Cl. 255—71)



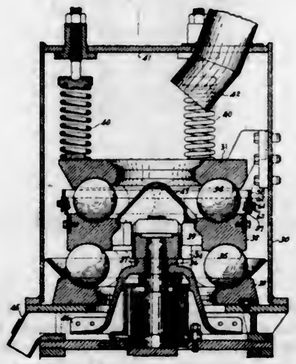
1. An earth boring tool comprising a shank, one or more disk cutters rotatable with respect to said shank, each cutter having one or more continuous circumferential cutting edges, and means mounting said cutters on said shank for successive intermittent contact with the formation.

2,126,080
PARING KNIFE
Jacob P. Backer, Jeannette, Pa.
Application February 20, 1937, Serial No. 126,843
2 Claims. (Cl. 30—353)



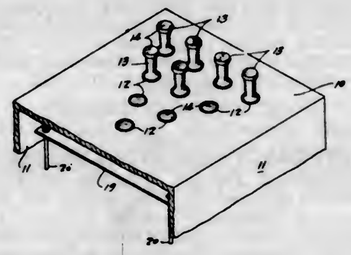
2. A knife for paring fruit or vegetables comprising a substantially flat blade and a handle secured thereto, said blade having a substantially straight, beveled, front or cutting edge, and a back or unbeveled edge, said last-mentioned edge being provided with a notch or recess, the periphery of said notch or recess being beveled to provide a cutting edge extending therealong, said recess being of such depth, length and shape as to conform substantially to the rounded contour of fruits and vegetables such as apples, potatoes, or the like, when held in paring relation thereto.

2,126,081
PULVERIZER
Ervin G. Bailey, Easton, Pa., and Ralph M. Hardgrove, Westfield, N. J., assignors to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application March 23, 1934, Serial No. 716,936
4 Claims. (Cl. 83—45)



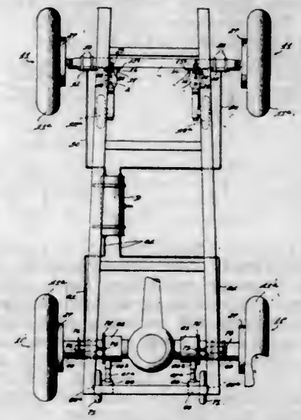
1. A pulverizer comprising a casing having an inlet for material to be ground and an outlet for ground material, a grinding stage having an outward flow of material therethrough and including an upper grinding ring, a rotary lower grinding ring movable relative thereto, and an orbital row of rolling grinding elements positioned between said grinding rings, means for supplying material to be ground to the inner side of said row of elements, means forming an annular dam on said rotary grinding ring at the outer side of and extending above the centers of the elements in said row, said dam being radially spaced throughout its height from said row of elements, and means for varying the effective height of said dam to regulate the discharge and fineness of the material leaving said grinding stage including a sectional skirt forming the upper portion of said dam, and means for varying the position of said skirt.

2,126,082
AMUSEMENT DEVICE
John E. Bailey, Los Angeles, Calif.
Application September 24, 1935, Serial No. 41,889
15 Claims. (Cl. 273—45)



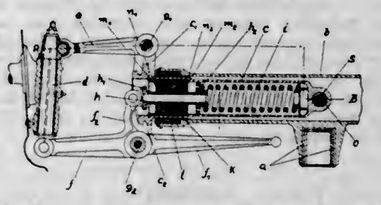
1. In a device of the character described, a perforated playing board, a rod mounted below said board concentric with said perforation, and a second rod supported by said first rod and adapted to be moved laterally therefrom.

2,126,083
SAFETY WHEEL FOR AUTOMOBILES
William J. Bailey, Beaumont, Tex.
Application September 28, 1937, Serial No. 166,164
14 Claims. (Cl. 180—15)



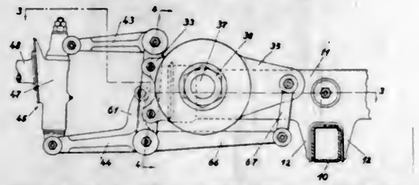
1. The combination with a motor vehicle chassis and at least one of its normal load-supporting wheels and the pneumatic tire thereof; of an auxiliary load-supporting wheel, means for mounting said auxiliary wheel for movement toward and from load-supporting position, and means in part carried by said load-supporting wheel for actuating said auxiliary wheel to operative position when the tire of the former is deflated.

2,126,084
SPRINGING ARRANGEMENT FOR THE WHEELS OF POWER DRIVEN VEHICLES
Max Balz, Esslingen-on-the-Neckar, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany
Application August 29, 1934, Serial No. 741,992
In Germany September 5, 1933
35 Claims. (Cl. 267—20)



1. In a vehicle, a frame, a vehicle wheel, springing means for springing the wheel with respect to the frame, a bearing member which substantially does not take part in the springing movement of the wheel, guiding members for independently guiding the vehicle wheel, said guiding members connecting the vehicle wheel to the said bearing member, a single stud-like projection on the bearing member for supporting the bearing member on the frame, a frame member for receiving the bearing member concentric to said projection and means for releasably securing the bearing member to the frame, so that by releasing said securing means the bearing member together with the guiding members for the wheel and the wheel can be removed from the said frame member as a unit simply by withdrawing the bearing member from the frame member surrounding its stud-like projection.

2,126,085
MOTOR-DRIVEN VEHICLE
Max Balz, Esslingen-on-the-Neckar, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany
Application April 10, 1936, Serial No. 73,605
In Germany April 15, 1935
21 Claims. (Cl. 267—20)



1. In a vehicle, the combination comprising a transverse tubular frame member, a relatively stationary support projecting into said frame member and adapted to be withdrawn therefrom, detachable means for securing said support in position within said frame member, a wheel carrier and a shock absorber connected to said support, and means for connecting and relatively guiding said wheel carrier and said support and for operating said shock absorber.

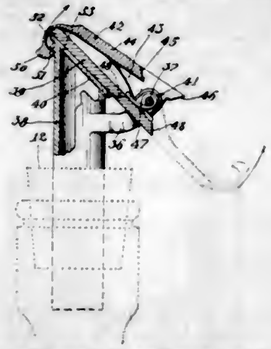
2,126,086
VEHICULAR SPRING
Claud Luftus Banks, Canton, Ohio
Application January 12, 1937, Serial No. 120,310
2 Claims. (Cl. 267—56)



1. In combination with a vehicular chassis bar, a longitudinal, longitudinally curved leaf spring for the vehicle pivoted at one end to said chassis bar inwardly from an end of the latter, said spring having an eye at its free end, said chassis bar at its free end being bifurcated, a roller journaled in the bifurcated end of the chassis bar, a guide member having one end secured to the spring and its opposite end forced between the upper leaf of the spring and said eye, said guide having its intermediate portion spaced from the spring to accommodate said roller between said guide member and said spring, as and for the purpose specified.

2,126,087
DISPENSING CLOSURE MEANS
John Berry, New York, and Idee D. Wolfson, Woodmere, N. Y.
Substitute for application Serial No. 734,572, July 11, 1934. This application January 17, 1936, Serial No. 59,564
1 Claim. (Cl. 215—78)

Closure means arranged on a container comprising a body portion, an outlet arranged thereon, a spring actuated closure element operatively secured to the body portion and normally urged against the outlet in sealing engagement therewith, a motivating element hingedly supported on the closure element and normally extending therefrom in alignment therewith whereby the said motivating element is arranged in one position to engage the closure element to raise said closure element out of sealing engagement and arranged in another position adjacent to and against the closure element and means arranged on the closure element for locking the motivating element adjacent to and against the closure means.



2,126,088
PROCESS OF MAKING DECORATIVE PLATES
John G. Bjorkman, Shreveport, La.
Application February 4, 1937, Serial No. 124,098
7 Claims. (Cl. 41—24)

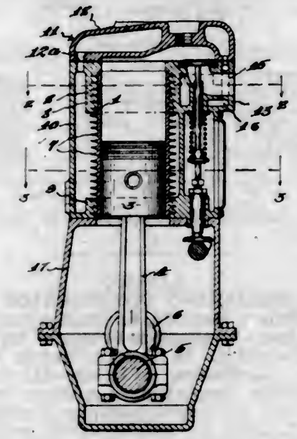


7. A method of the class described including the step of securing a section of linoleum to a relatively stiff backing, painting the exposed surface of the section of linoleum, sketching a design on said painted surface, applying a coat of varnish to the painted surface and the design, engraving the design in the exposed surface of the linoleum, applying powdered coloring matter to the engraved surface, removing the residue of the powdered coloring matter from the surface, said coloring matter imparting a tint to the design, applying whiting to the engraving, and tinting the engraving and whiting with ink.

2,126,089
INTERNAL COMBUSTION ENGINE
Charles S. Brown, Syracuse, N. Y.
Application January 9, 1936, Serial No. 58,347
1 Claim. (Cl. 123—173)

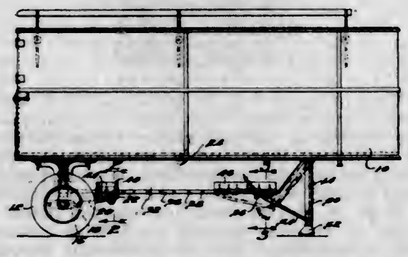
A cylinder barrel construction for internal combustion engines comprising a liner and an outer body of metal having greater heat conductivity than the liner, the liner having fins on the periphery thereof and the outer body having collars surrounding opposite end portions of the liner in which collars the adjacent flanges of the liner are embedded and to which collars

the end portions of the cylinder are integrally united, the outer body forming a jacket and the intermediate portion of the liner and the fins



thereon between the collars being exposed in the jacket, and a detachable cylinder head mounted on the outer end of the body.

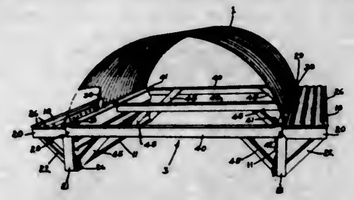
2,126,090
TRAILER BODY FRAME
Kenneth M. Byron, Detroit, Mich.
Original application October 4, 1934, Serial No. 746,818. Divided and this application June 4, 1936, Serial No. 83,418
4 Claims. (Cl. 280—106)



1. In a vehicle, a framework comprising a floor section, and a V-shaped laterally closed housing connected to the under side of said floor section forming therewith a closed box section extending longitudinally thereof for substantially the length of the floor section.

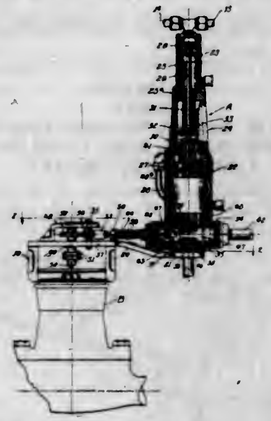
2,126,091
FOOTER CONSTRUCTION
Howard S. Claybaugh, Minneapolis, Minn., assignor to Lyle Culvert & Pipe Company, Minneapolis, Minn., a corporation of Minnesota
Application March 6, 1937, Serial No. 129,433
8 Claims. (Cl. 61—16)

1. A device of the class described comprising, a pair of transversely spaced footers each arched and disposed to provide an outwardly downwardly directed concavity, means related as chords to the concave surface of and respectively connecting the outer marginal portions of each footer in a manner to resist strains tending to lessen the degree of concavity, means cross-connecting the footers to prevent separation under load, each footer having an arch-foot-receiving abutment placed to transmit the thrust to the footer so as



to be distributed most advantageously relatively to the concave surface.

2,126,092
WATER-MODIFYING APPARATUS
Jeff Corydon, Jr., and Rudy Lowe, Chicago, Ill., assignors to Proportioneers, Inc., Providence, R. I., a corporation of Rhode Island
Application April 4, 1932, Serial No. 603,016
3 Claims. (Cl. 210—40)

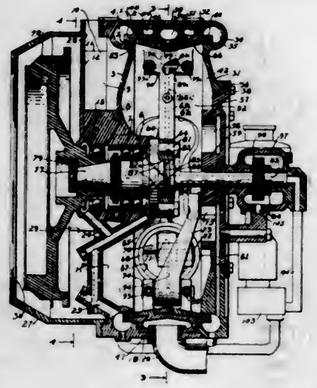


1. A combined motor and pump for a system of the class described comprising a motor cylinder, a motor piston rod projecting externally of one end of said cylinder, a valve member normally disposed to the longitudinal axis of said motor cylinder and communicating with both ends thereof, said valve including a ported sleeve effective to simultaneously admit pressure fluid to one end of said motor cylinder and to exhaust pressure fluid from the opposite ends of said motor cylinder, a pump cylinder coaxial with and spaced from said motor cylinder, said motor piston rod projecting interiorly of said pump cylinder, and a manually adjustable stroke regulating screw intermediate said motor and pump cylinders.

2,126,093
ROTARY MACHINE
Henry E. Curtis, San Jose, Calif.; E. N. Curtis administrator of the estate of said Henry E. Curtis, deceased
Application July 17, 1935, Serial No. 31,858
5 Claims. (Cl. 123—43)

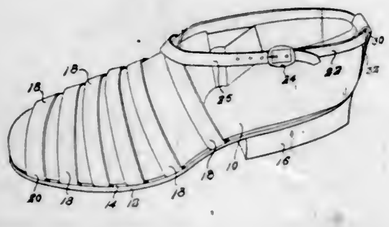
1. In a rotary machine, an annular stator member having a symmetrical inner peripheral surface inclined outwardly with respect to its median plane and its axis and having spaced circumferentially disposed slots formed therein along said median plane to form inlet and dis-

charge ports, said member having passages formed therein connecting said slots with its outer



periphery, and a rotor cooperating with said member.

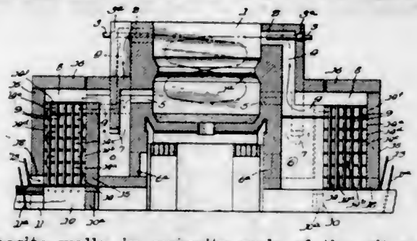
2,126,094
SHOE
Claude H. Daniels, Wellesley Hills, Mass.
Application May 23, 1936, Serial No. 81,421
1 Claim. (Cl. 36—11.5)



A sandal-type of shoe comprising a sole provided with a plurality of transverse strap receiving passages extending through the sole from side to side thereof, a strap fixed at one end to the toe of the sole forward of the first of the passages and on the outer side edge of the sole, said strap being formed into loops successively extending through said passages rearwardly of the sole, a strap fixed to the heel portion of the sole and extending upwardly from said sole at the rear thereof, said first mentioned strap being extended and arranged to pass around the ankle of the foot and through an opening in the heel-strap and another strap fixed at one end to the inside edge of the sole adjacent the heel portion and adapted to be adjustably secured at its other end to the free end of the first mentioned strap.

2,126,095
SOAKING PIT AND LIKE HEATING FURNACE
William T. Dean, Gary, Ind.
Application October 12, 1936, Serial No. 105,336
20 Claims. (Cl. 263—15)

1. A soaking pit or reheating furnace, comprising a pit provided with two fuel burners disposed in upper portions of opposite walls of said pit and at diagonally opposite ends thereof, corbels extending along intermediate levels in said opposite walls, and exit ports through said

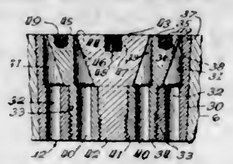


opposite walls, in opposite ends of the pit near its bottom.

2,126,096
POLISHING COMPOSITION
Hubert Deguide, Enghien, France
No Drawing. Application February 28, 1935, Serial No. 8,737. In France March 7, 1934
2 Claims. (Cl. 134—24)

1. A polish, comprising a mixture of barium stearate 55% by weight, paraffin of melting point 50°–52° C. 28% by weight, hard wax 17% by weight, colloidally dispersed in spirits of turpentine in a stable gelled condition.

2,126,097
MEANS FOR VENTING CORE BOXES
Henry L. Demmler, Kewanee, Ill.
Application April 29, 1937, Serial No. 139,646
5 Claims. (Cl. 22—13)

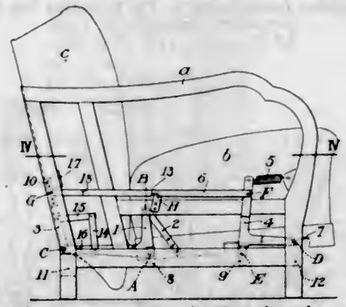


1. Venting means of the class described, comprising a box, a sleeve press fitted thereinto, said sleeve having a circular recess communicating with a central bore and a plurality of bores grouped about said central bore, a second sleeve located in said central bore and having cooperation with an end of said first named sleeve to provide an annular slot for permitting passage of air therethrough but for preventing passage of sand therethrough, said second sleeve having a circular recess communicating with a central bore and a plurality of bores grouped about said central bore, and a member located in said last named central bore, said member having an end located in said last named recess and cooperating with an end of said second sleeve to provide a second annular slot adapted to permit passage of air therethrough but adapted to prevent passage of sand therethrough.

2,126,098
RECLINING ARMCHAIR
Albert Ducrot, Paris, France
Application February 25, 1937, Serial No. 127,787
In France February 26, 1936
3 Claims. (Cl. 155—116)

1. In a reclining arm-chair, the combination of a stationary main framework, a movable seat, a movable back, bell cranks pivotally connected respectively on both sides of said stationary framework, said bell cranks each including two arms, one of which is pivoted to the rear end of said

seat while the other arm of each bell crank is pivoted to the lower end of said back, other bell cranks pivotally connected to said framework at each side of said arm-chair and each including two arms, one of the arms of the last mentioned



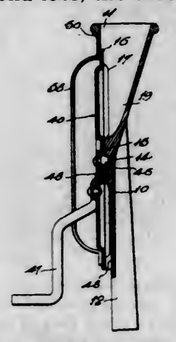
bell cranks having a projection bearing on the underside of the front end of the seat and a link having one end pivoted to the other arm of each of said last mentioned bell cranks and the other end pivoted on said back.

2,126,099
MANUFACTURE OF SOAP AND GLYCERIN
Robert A. Duncan, Wyoming, Ohio, assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application March 9, 1936, Serial No. 67,907
4 Claims. (Cl. 87—16)

1. In combination with the step of producing molten anhydrous soap by distillation of water and glycerin from a highly heated soap, the step of cooling the soap from an anhydrous molten condition at a high temperature to an anhydrous condition at a lower temperature, which comprises continuously mixing a flowing current of anhydrous molten soap with a flowing current of liquid water and discharging the soap and water mixture into an atmosphere having a pressure sufficiently below the original pressure of the said mixture to cause volatilization of the water with absorption of heat from said mixture, the amount of added water being adjusted with relation to the total heat of the mixture and the reduced atmospheric pressure into which it is to be discharged so that the heat absorbed from the mixture by volatilization of the water at said reduced pressure will cool the soap and leave substantially no water unvolatilized.

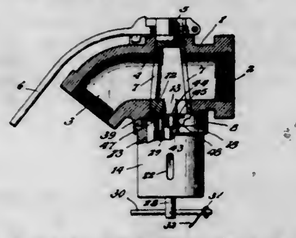
2,126,100
FOOD CUTTER
Lemuel Mims Ezell, Nashville, Tenn.
Application August 13, 1937, Serial No. 158,995
3 Claims. (Cl. 146—114)

1. A food cutter comprising a stationary vertically disposed plate of substantially circular outline but provided with an upstanding lobe, said lobe and a subjacent portion of said plate being laterally bulged to provide a hopper which opens through one side of said plate, the peripheral edge of said plate being provided with transverse notches circumferentially spaced from the edges of said lobe, a cutting disk at said one side of said plate and having an operating crank, a removable plate lying against the marginal portion of said one side of said stationary plate and against said disk to hold the latter in operative position, said removable plate being provided with a second upstanding lobe of substantially the same width as the first mentioned lobe, the outer peripheral edge of said removable plate being provided with spaced lugs embracing the peripheral edge of said stationary plate near said notches, one edge of the first mentioned lobe being provided with a lug embracing one edge of said second lobe, the other edge of said



second lobe being provided with a lug embracing the other edge of said first mentioned lobe, all of said lugs being releasable by turning said removable plate, the first mentioned lugs being then movable through said notches, allowing entire removal of said removable plate and said disk.

2,126,101
TRAIN PIPE VALVE
Alexander E. Fornwalt, Johnstown, Pa.
Application June 22, 1936, Serial No. 86,675
3 Claims. (Cl. 277—39)

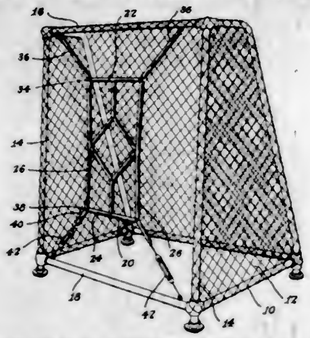


1. In a valve for train line pipes, a casing, a plug rotatable therein, an auxiliary casing, a plunger in said auxiliary casing for locking the plug in an open position, a spring urging the plunger towards a locking position, an auxiliary valve plug in the auxiliary casing movable independently of the first plug from a closed position to an open position for bleeding the train line pipe, a key carried by and movable with the auxiliary plug, and a cam carried by said key for engaging the plunger and forcing the plunger out of a locking position when the auxiliary plug is turned to an open position.

2,126,102
BASEBALL PITCHING TARGET
Robert A. Fowler, Medford, Mass.
Application June 18, 1936, Serial No. 85,836
2 Claims. (Cl. 273—26)

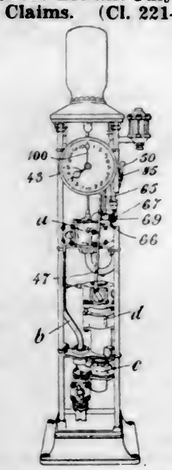
1. A baseball pitching device comprising a vertically disposed, rigid rectangular frame, a flexible target supported within said frame and composed of rubber-covered chain members forming an approximate rectangle divided by cross members to define a plurality of openings through which the ball may be thrown, one of said open-

ings being in the shape of a square in the center of the target, two diagonally opposite corners of which are joined to the vertical sides of the



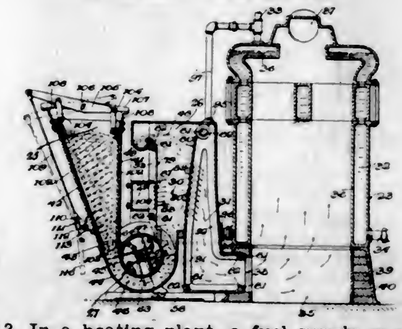
target, and tension members diagonally disposed at the corners of said target and connected to the rigid frame, at least two of said tension members being adjustable to make the target taut.

2,126,103
LIQUID MEASURING AND DISPENSING APPARATUS
John Fraser, Clerkenwell Green, London, England, assignor to Avery-Hardoll Limited, London, England
Application September 1, 1934, Serial No. 742,436
In Great Britain July 28, 1934
3 Claims. (Cl. 221—101)



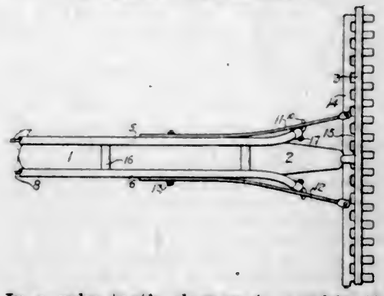
1. Liquid measuring and dispensing apparatus embodying in combination a liquid flow meter, a pump for forcing the liquid to be measured and dispensed to said flow meter, an electric motor for driving said pump, an indicating mechanism driven from the flow meter, a zeroizing means for the said indicating mechanism, a settable device for predetermining the quantity of liquid to be delivered at any one delivery operation, means for coupling the settable device to the flow meter, a delivery control valve and a manually operable control member common to the aforesaid motor, zeroizing means and coupling means, the manipulation of the said common control member prior to a delivery operation effecting the starting of the motor, the coupling of the settable device to the flow meter and the opening of the delivery control valve.

2,126,104
AUTOMATIC STOKER
Weston M. Fulton, Knoxville, Tenn., assignor to W. J. Savage Company, Inc., Knoxville, Tenn., a corporation of Delaware
Application September 9, 1931, Serial No. 561,911
Renewed January 4, 1938
29 Claims. (Cl. 110—30)



13. In a heating plant, a fuel supply, a combustion chamber, means for positively feeding fuel from said supply to and through said combustion chamber, inlet and outlet tuyères disposed in opposite walls of said chamber for creating a cross draft through the fuel, a furnace, and conduit means connecting said outlet tuyères with the interior of said furnace.

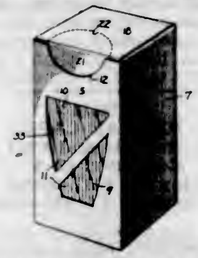
2,126,105
RAKE TOOTH CLEANER
Herman M. Goheen, Lansing, Mich.
Application January 26, 1937, Serial No. 122,467
4 Claims. (Cl. 55—146)



4. In a rake tooth cleaner, in combination, a handle, a series of rake teeth transversely secured at the end of the handle, a correspondingly toothed cleaner bar interengaged with the rake teeth, a lever attached by one end to the cleaner bar, said lever having a lengthwise slot and a pivot pin passing through the slot into said handle, a flexible push wire having an end connected with said lever between the ends thereof, whereby the lever may be given a lengthwise and downward movement, means for supporting and guiding the wire with respect to said handle, and a handle grip movable with respect to the handle and connected to the other end of said wire.

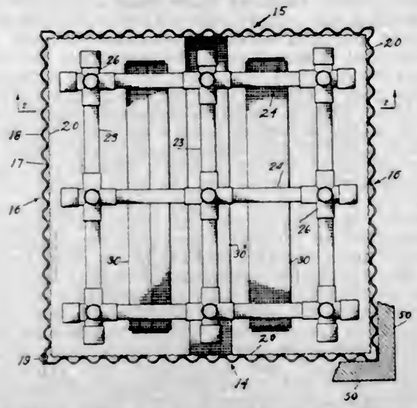
2,126,106
DISPENSING AND DISPLAY CARTON
Max Goldberg, Chicago, Ill., assignor to National Soda Straw Company, Chicago, Ill., a corporation of Illinois
Application November 15, 1934, Serial No. 753,100
8 Claims. (Cl. 229—17)

1. A carton having a front wall with a cutaway portion at its upper edge, a rear wall having a top hinged thereto along one edge, the opposite edge of said top having a tuck lying within said front wall, there being a potential dispensing



opening defined by a fracturable line partly on said top and partly on said tuck, the part on said tuck conforming with the cut-away portion on said front wall.

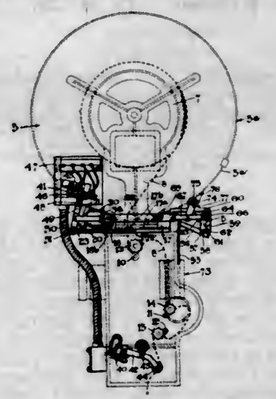
2,126,107
VENTILATING SYSTEM AND METHOD OF INSTALLING SAME
Maurice E. Gordon, Los Angeles, Calif.
Application April 23, 1937, Serial No. 138,619
7 Claims. (Cl. 98—55)



3. In a ventilating construction, a container having upstanding side walls, lining members of stiff sheet material interiorly overlying said walls, said lining members having juxtaposed corrugations which give them a sinuous form, screening interiorly overlying said corrugated members to prevent the contents of the container from entering said corrugations, and foraminated tubular ventilating means within the container in spaced relation to its walls and communicating with the wall spaces afforded by the combination of said corrugated members with said screening.

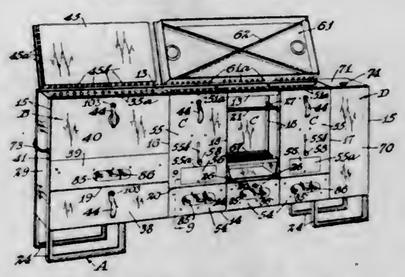
2,126,108
FIRE PREVENTION APPARATUS FOR MOTION PICTURE PROJECTING MACHINES
William M. Haliburton, Montreal West, Quebec, and Romeo X. Vandette, Dorval, Quebec, Canada
Application March 15, 1937, Serial No. 130,820
11 Claims. (Cl. 88—17)

1. Fire prevention apparatus for motion picture projecting machines comprising normally inoperative film cutting means adapted to automatically sever the film close to the upper film magazine in response to breakage of the film within the projector head and normally inoperative auxiliary control devices mechanically interlinked with said cutting means so as to be automatically actuated thereby, said auxiliary devices including a switch which is operated to



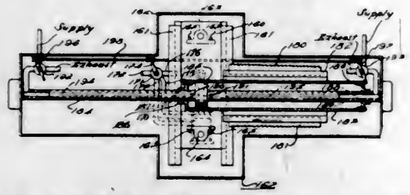
open-circuit the film operating motor and thus interrupt feeding of the film past the exposure opening, a dowser which is operated to a light intercepting position between the light source and film to prevent ignition of the film and a locking device which is operated to lock the door of the upper film magazine in closed position.

2,126,109
COOKING RANGE
Russell N. Hanson, Albert Lea, Minn., assignor to American Gas Machine Company, Inc., Albert Lea, Minn., a corporation of Delaware
Application August 5, 1936, Serial No. 94,307
8 Claims. (Cl. 126—1)



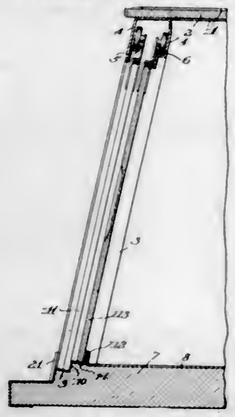
2. A cooking range having in combination, a rectangular skeleton frame including front and rear corner upright members, upper and lower longitudinal members extending between said corner upright members, a plurality of intermediate upright members extending between said upper and lower longitudinal members and a plurality of transverse members extending between certain of said other members, the said various members of said frame outlining an oven section and cooker sections and said members being integrally connected together to form a strong buffer functioning unitary structure, panels disposed between various members of said frame within the outlines thereof and forming compartments, burners disposed within said compartments and lids for said compartments, said range having an unobstructed flat top lying in substantially a single plane.

2,126,110
BROACHING MACHINE
William A. Hart, Detroit, Mich., assignor to Colonial Broach Company, a corporation of Michigan
Application April 29, 1935, Serial No. 18,842
3 Claims. (Cl. 90—33)



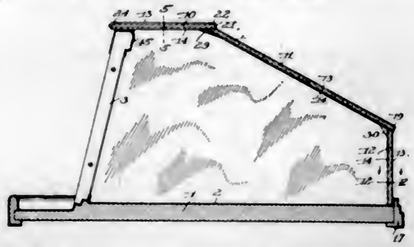
1. In a surface broaching machine, the combination of a single reciprocable tool carriage; a pair of broaching tools supported upon respectively opposite sides of said carriage with the cutting edges thereof oppositely directed so that one of said tools is effective to cut during one direction of movement of said carriage and the other of said tools is effective to cut during the opposite direction of movement of said carriage; a work holder individual to each of said tools for supporting a work piece in cutting relation to the associated tool; and a carriage common to said work holders reciprocable in a path transverse to the path of said carriage for moving said work holders into and out of cutting positions with respect to said carriage.

2,126,111
DISPLAY CASE
Frederick W. Holderle and Carl L. Holderle, Rochester, N. Y.
Application May 25, 1937, Serial No. 144,685
4 Claims. (Cl. 312—138)



2. In a display case, the combination with a supporting channel having tracks extending along its opposite walls, said tracks being inclined to the horizontal, located one above the other and including upwardly extending flanges spaced from the side walls of the channel and from each other, a base having bottom surfaces one above the other and inclined upwardly extending surfaces one above the other, inclined doors having their lower edges in juxtarelation to the aforesaid bottom surfaces and resting against the aforesaid upwardly inclined surfaces, said doors being provided at their upper ends with supporting rollers having narrow cylindrical engaging surfaces traveling on the aforesaid tracks between the side walls of the channel and said upwardly extending flanges, the latter being spaced from each other sufficiently to permit the removal of said rollers therebetween, and the channel having sufficient space above said rollers to permit the doors being lifted so that the rollers may clear said flanges to permit removal.

2,126,112
DISPLAY CASE
Frederick W. Holderle and Carl L. Holderle, Rochester, N. Y.
Application May 25, 1937, Serial No. 144,686
5 Claims. (Cl. 312—140)



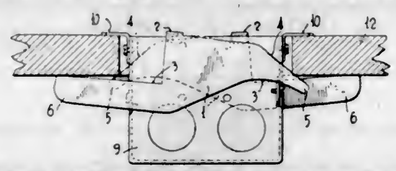
1. In a display case comprising top horizontal, intermediate inclined and front vertically arranged glass panels, integral metal partitions having portions extending parallel to said top horizontal glass panels, intermediate inclined glass panels, and said front vertically arranged glass panels respectively, and including central portions located between adjacent panels and terminating in lateral flanges at the inner edges which underlie and support the glass panels on opposite sides of the central portions, said partitions having lugs at the top of the front vertical portions which extend laterally over said flanges, said lugs including portions extending upwardly and forwardly and portions extending thence upwardly and rearwardly at right angles to the forwardly extending portions, and said lugs overlying the front edges and top surfaces of the adjacent inclined panels and the front surfaces of the adjacent vertical panels, and lugs at the front of the top horizontal portions of the partitions, said last mentioned lugs extending laterally over the aforesaid flanges and including right angle portions overlying the front edges and top surfaces of the adjacent horizontal glass panels.

2,126,113
CELLULOSE DERIVATIVE COMPOSITION
Ralph A. Jacobson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 8, 1935, Serial No. 35,303
5 Claims. (Cl. 106—40)

1. A plasticized cellulose derivative composition containing as a plasticizer the carbamates, obtained by reaction with a carbamate-forming reagent, of that fraction of the mixture of branched chain aliphatic alcohols obtained by the catalytic pressure hydrogenation of oxide of carbon which boils in the range of 135–250° C.

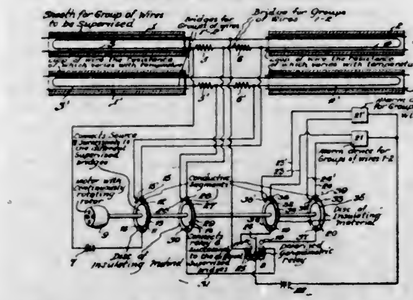
2,126,114
SWITCH BOX SECURING DEVICE
Bernard R. Jett, Washington, D. C., assignor of one-half to Clarence E. Whitmore, Washington, D. C.
Application October 13, 1936, Serial No. 105,431
5 Claims. (Cl. 247—21)

1. A device for securing an outlet box in a wall opening, comprising a substantially flat sheet metal member, a hook-like portion on one side edge of said member for engagement with the outer side edge of said outlet box, a recessed shouldered portion formed on one end of said member for engagement with the inner face of



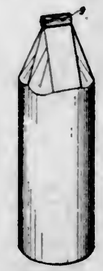
the wall adjacent the wall opening at one end of the box and a cam portion provided on the other end of said member for engagement with the inner edge of the wall opening adjacent the other end of the box, whereby said box will be rigidly locked in the wall opening upon a longitudinal sliding movement of said member.

2,126,115
SUPERVISION DEVICE FOR VARIATIONS OF TEMPERATURE
René Jean Jordi, Montrouge, France, assignor to Etablissements Mighom, Montrouge, Seine, France, a corporation of France
Application April 11, 1934, Serial No. 720,140
In France April 28, 1933
1 Claim. (Cl. 177—355)



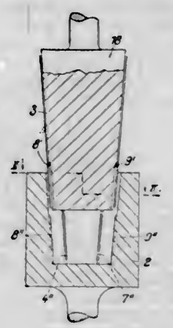
A system for indicating the accidental variations of temperature of groups of wires, comprising in combination a number of normally balanced Wheatstone bridges the branches of each of which are constituted by two resistances forming ratio arms and two loops of wire composed of a material the resistance of which varies with the temperature; each of said loops being arranged along one of the groups of the wires to be supervised, the two groups of wires corresponding to any one such bridge being relatively distant from one another and disposed in places the temperatures of which normally remain equal to each other; a source of electricity; a galvanometric relay having a movable member and contacts cooperating therewith, said relay having a winding for causing said member to move in one direction or another when energized, to make electrical connection with the corresponding contact; an alarm device for each bridge; another electric supply for said alarm devices, means for connecting said supply with said devices and with the movable member of the galvanometric relay; means including continuously rotating contactors for connecting the electric diagonals of each successive bridge to said source and to the winding of said relay respectively and simultaneously connecting the corresponding alarm device with the contacts of the relay whereby said relay is operated by the resulting potential difference when connected with a bridge which has become unbalanced, whereby upon operation of the relay the circuit of the alarm device corresponding to said unbalanced bridge is closed, to cause the alarm to operate.

2,126,116
CLOSABLE CONTAINER
Otto Kasdorf, Montevideo, Uruguay
Application September 28, 1934, Serial No. 745,995
In Germany December 30, 1933
5 Claims. (Cl. 229—4.5)



4. A paper container of substantially circular cross-section comprising a body portion, a reduced closure portion adjoining the body portion and having a mouth therein, said closure portion having opposed flat parts disposed in convergent relation and being of substantially less width than the diameter of the said body portion, the parts of said closure lying intermediate said flat parts being creased and folded to form two groups of oppositely disposed folds extending in convergent relation, the extremities of said folds located at the mouth being disposed and held flatwise between said flat parts.

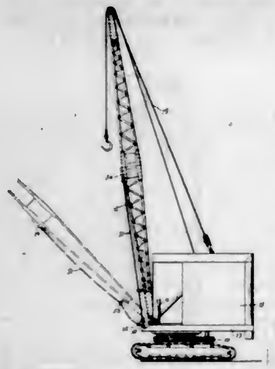
2,126,117
MANUFACTURE OF CONTAINERS MADE OF PAPER AND SIMILAR MATERIALS
Otto Kasdorf, Montevideo, Uruguay
Application July 8, 1937, Serial No. 152,658
In Germany May 22, 1936
9 Claims. (Cl. 93—60)



1. A device for stamping folding grooves and folding edges for the folding closure of containers made of paper and similar materials, comprising a patrix and a matrix capable of axial motion with respect to one another for applying internal and external pressure to the container blank and provided with raised and depressed places capable

of sliding one within the other during the stamping operation, said raised and depressed places extending for only a part of the length of the patrix and matrix.

2,126,118
LOAD HANDLING MACHINE
George S. Kelley, Mount Vernon, N. Y.
Application February 17, 1936, Serial No. 64,236
2 Claims. (Cl. 212—39)

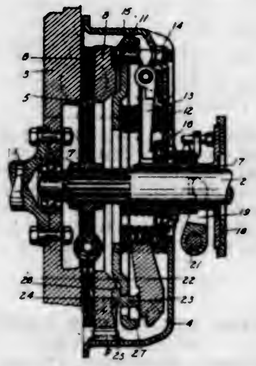


1. In a load handling machine, a turntable, a boom pivotally supported at a forward portion of the turntable, means for raising the boom including a rotatably mounted drum, power means for actuating the drum, brake means associated with the drum, a clutch adapted to operably connect the drum with the power means, a manually operable handle pivotally supported by the turntable, having a portion extending beneath the turntable, said handle being adapted in one position to effect engagement of the clutch with the drum, in a second position being adapted to effect disengagement of the clutch with the drum and apply the brake means to the drum, and in a third position disengage the brake means while maintaining the clutch disengaged a cable movable by boom elevating movement against spring tension and extending beneath the turntable, an abutment adjustably fixed to the cable engageable with the handle lower portion to move the handle to a clutch disengaged and brake applied position at a predetermined upward position of the boom and preventing movement of the handle to a clutch disengaged position until the boom has been lowered, and the handle being adapted to be further moved in the direction effected by the abutment by manual effort to a brake disengaged position.

2,126,119
METAL POLISH AND RUST REMOVER
James I. Kushima, Honouliuli, Ewa, Oahu, Territory of Hawaii
No Drawing. Application March 18, 1937, Serial No. 131,731
1 Claim. (Cl. 148—22)

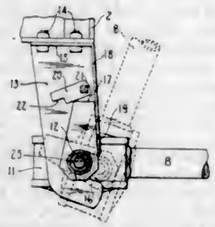
As an improvement in the art of manufacturing a cleaning and polishing agent, the herein described method which consists in dissolving oxalic acid in water to which there is added tripoli, agitating the mass, allowing a substantial time interval of quiesence permitting infiltration of the tripoli, after which there is added oil of mirbane, agitating the mass and then allowing a second time interval to permit partial solution of the oil of mirbane.

2,126,120
AUTOMATIC CLUTCH MECHANISM
Robert P. Lewis, Toledo, Ohio, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J., a corporation of New Jersey
Application December 1, 1933, Serial No. 700,564
8 Claims. (Cl. 192—105)



1. In an automatic clutch embodying frictional clutch elements and having a controlling member mounted for movement into an engaged position, wherein the clutch is engaged at all speeds, a disengaged position, wherein the clutch is disengaged at all speeds, and an intermediate automatic position, wherein clutch engagement is automatically responsive to variations in the speed of one of the clutch elements, said controlling member carrying an abutment, means for selectively locking said member against movement from automatic position to engaged position, comprising a plunger mounted for longitudinal movement from a retracted position into a locking position in the path of said abutment, a working face on said plunger extending substantially in parallelism with its longitudinal axis, said member being movable from automatic position to disengaged position without interference from said plunger when the latter is disposed in locking position, and selectively operable means for moving said plunger from locking position into retracted position to allow said member to be moved from automatic position to engaged position.

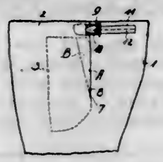
2,126,121
STRAW SPREADER ATTACHMENT
Lloyd Luellen, Huntington, Ind., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application June 15, 1936, Serial No. 85,267
8 Claims. (Cl. 275—8)



1. A straw spreading device for an agricultural implement having a frame, said device comprising

in combination, a shaft, a rotatable spreader supported on said shaft but offset laterally therefrom, a locking bar fixed on said shaft, a bracket fixed to said implement frame, said bracket having an open-ended slot for receiving said shaft, and means for engaging said locking bar to resist the gravitational moment set up by said offset spreader, said moment tending to hold said shaft in said slot.

2,126,122
ADJUSTABLE GARMENT
Berthold Mainzer, Heppenheim-on-the-Bergstrasse, Germany
Application February 10, 1937, Serial No. 125,149
In Germany July 4, 1935
3 Claims. (Cl. 2—237)

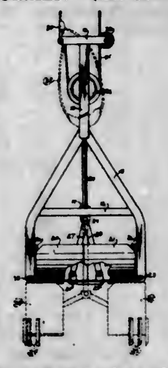


1. In a garment: a front portion, a rear portion, said front and rear portions being separated from each other by at least one slit forming an opening for at least one pocket, said front and rear portions forming outer and inner flaps overlapping each other at said opening, means to adjust the position of said flaps relatively to each other, means for directly connecting the overlapping flap to the inner flap in all adjusted positions at the edge of the former, and a pocket, said pocket having an outer and an inner wall and being closed at one of its longitudinal sides and at the bottom, the bottom of said pocket being flat and free from any fold, the other longitudinal side of said pocket being open, the longitudinal edge of said outer wall of the pocket being attached to said flap of said front portion along said slit, the longitudinal edge of said inner wall of the pocket being attached to said flap of said rear portion, said pocket being provided with sufficient material to form a longitudinal plait in the inner wall terminating at a point above the bottom of the wall, the entire upper edge of the outer wall of said pocket being attached to said flap of said front portion, one end portion being attached to said flap of said front portion, the other end portion of the upper edge of the inner wall of the pocket being attached to said flap of said rear portion, and the portion of the upper edge of the inner wall of the pocket intermediate said end portions remaining free and adapted to form a fold when the front portion of the garment is moved relative to the rear portion.

2,126,123
COMPOSITION FOR WATERPROOFING WOOD
John McArthur, Vancouver, Wash., assignor of one-half to George C. Babcock, Vancouver, Wash.
No Drawing. Application October 27, 1936, Serial No. 107,915
2 Claims. (Cl. 134—78.6)

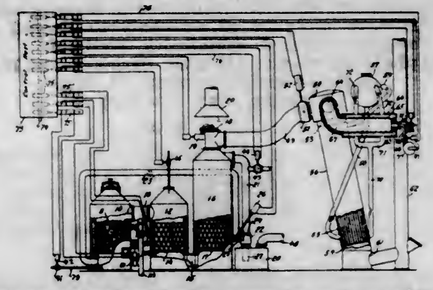
1. A waterproofing composition having in combination in approximate portions eight ounces of glycerin, eight ounces of vinegar, eight ounces of China-wood oil, eight ounces of fish oil, one gallon of painter's thinner, sixteen ounces of rosin, two ounces of lime and two quarts of petroleum thinner.

2,126,124
EXCAVATING BUCKET
Frank S. McCutcheon, Des Moines, Iowa
Application October 26, 1936, Serial No. 107,611
5 Claims. (Cl. 37—187)



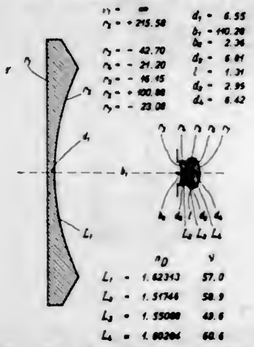
1. In a device of the class described, a frame member, jaw members hingedly secured to said frame member, a shaft slidably mounted in said frame member, actuating elements operatively secured to each of said jaw members and to said shaft, a pulley wheel on the upper end of said shaft, a spring release member on the upper end of said frame, a cable having one end secured to said frame operatively engaging said pulley wheel and retained by said spring catch at times; said jaw members being in an open position when said cable is engaged by said spring release, and cut out portions in each of said jaw members near their upper marginal edges.

2,126,125
WASTE HEAT BOILER
Charles V. McIntire, Short Hills, N. J., and Lloyd F. Schrader, Bellerose, N. Y., assignors to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application April 14, 1934, Serial No. 720,538
5 Claims. (Cl. 122—7)



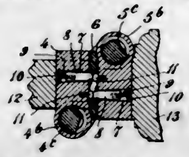
4. A waste heat boiler comprising, in combination, a boiler drum having tubes therein and adapted to contain liquid surrounding said tubes, a steam drum communicably connected to said boiler drum by tubes, means for passing waste gases through said first mentioned tubes to heat said liquid by heat exchange therewith, a liquid jacketed combustion chamber communicably connected to said boiler drum by upcomer and downcomer tubes, whereby liquid recirculates between said drums and chamber, and means for generating combustion gases within said chamber and passing them through the tubes in said boiler drum.

2,126,126
PHOTOGRAPHIC OBJECTIVE
Willy Merté, Jena, Germany, assignor to the firm Carl Zeiss, Jena, Germany
Application November 27, 1936, Serial No. 113,069
In Germany November 26, 1935
4 Claims. (Cl. 88—57)



1. An objective for photographing or reproducing a large image field, consisting of three members axially spaced by air, the rear and the medial member of the objective being menisci the concave sides of which face the front member, the front and the rear of the said members being divergent and the medial member being convergent, the convergent member having a focal length at least two fifths of the numerical value of the focal length of one of the two divergent members, the front refracting surfaces of the first and the second member having an axial distance apart which is at least three quarters of the total focal length of the objective, and the second and third of the said members having an axial distance apart which is smaller than one tenth of the axial distance apart of the front refractive surfaces of the first and second members of the objective.

2,126,127
DOOR HINGE
James Garth Mitchell, Handsworth, Birmingham, England, assignor of one-half to Evered & Company Limited, Smethwick, England
Application August 19, 1936, Serial No. 96,784
In Great Britain January 17, 1936
2 Claims. (Cl. 16—163)



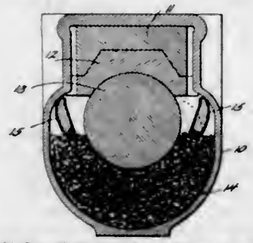
1. A double acting hinge comprising a leaf member adapted to be fixed to the door, a leaf member adapted to be fixed to the door frame, an intermediate member having a pivotal connection with each leaf member, a protruding locking means embodied in each leaf member, locking means complementary to said protruding locking means incorporated in the intermediate member and means provided on each leaf member for moving the protruding locking means of the complementary leaf member into an unlocking position when the leaf members are brought into abutment with the intermediate member and for permitting the protruding locking means of a leaf member to assume automatically the locking position when the complementary leaf member is turned away from the intermediate member.

2,126,128
LUBRICANT AND METHOD OF LUBRICATING METAL DURING FORMING OPERATIONS
Harley A. Montgomery, Highland Park, Mich.
No Drawing. Application May 17, 1934, Serial No. 726,177
7 Claims. (Cl. 113—51)

1. A process of lubricating metal during a forming operation, said process, comprising, coating the surface of the metal with a molten lubricant comprising stearic acid and mineral oil, solidifying the film of said lubricant on said surface, forming the metal and then removing said lubricant by treatment with a hot aqueous alkaline solution.

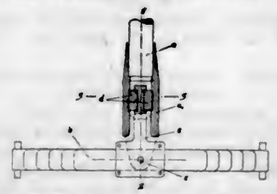
2. A lubricant adapted for metal drawing operations under heavy pressure, said lubricant consisting of, substantially 65% stearic acid of sufficiently high titre to provide a solid at 90 to 100° F. and substantially 35% mineral oil.

2,126,129
LUBRICANT CONTAINER FOR JOURNAL BOXES
Joseph G. Moore, Albany, N. Y.
Application May 4, 1937, Serial No. 140,713
9 Claims. (Cl. 308—89)



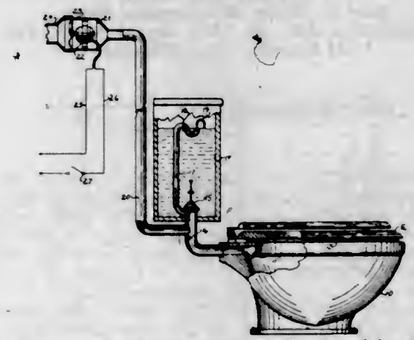
1. An article of manufacture comprising a fluid container having means to cause discharge of its contained liquid when its temperature reaches a predetermined degree, said container being adapted to be positioned upon the surface of a body of waste in a journal box and having means to interlock with the waste.

2,126,130
SPRINGING OF VEHICLES
Fritz Nallinger, Stuttgart, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany, a company of Germany
Application August 20, 1934, Serial No. 740,657
In Germany August 23, 1933
19 Claims. (Cl. 267—19)



1. A springing arrangement for wheeled vehicles, comprising in combination a frame, a pair of wheels facing one another, wheel carriers for said wheels, guiding elements for connecting the wheel carriers with the frame, said guiding elements co-operating with the wheel carriers to guide the wheels so as to move substantially vertically, pivotal means for connecting the guiding elements of the two wheels to the frame so as to be movable in unison around a vertical axis and elastic means abutting directly against a stationary part of the frame and elastically resisting the guiding elements against turning about the vertical axis relative to the frame with the exception of a small amount.

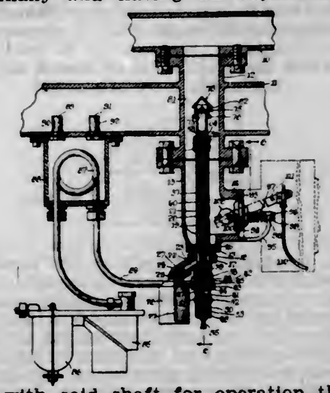
2,126,131
FORCED VENTILATOR FOR TOILET BOWLS
Samuel E. Orebaugh, Des Moines, Iowa
Application July 25, 1936, Serial No. 92,623
3 Claims. (Cl. 4—213)



1. In combination with a toilet bowl having a flushing conduit about its edge and communicating with the inside of the bowl, a water pipe leading from said conduit, a water cabinet, and an overflow pipe having its lower end in communication with said water pipe, a forced ventilator comprising, an S-shaped water seal trap in the upper end of said overflow pipe, an air pipe having one end in communication with said water pipe and having its other end enlarged to form a housing, an electric motor secured within said housing and in electrical communication with a source of electrical supply, and a blower fan operatively secured to said motor capable of pulling air from said bowl through said flushing conduit, said water pipe and said air pipe and expelling it.

2,126,132
CARBURETOR
Jens A. Paasche, Wilmette, Ill.
Application May 7, 1934, Serial No. 724,313
3 Claims. (Cl. 261—48)

3. In combination in a carburetor construction of the character described, an elongated fuel delivery passage having a restricted discharge port, a needle valve for accurately controlling the discharge of liquid fuel from said port and having a valve stem extending therefrom to the opposite end of said passage, a primary air passage having its discharge end coactive with said fuel discharge port to produce an atomized fuel-air stream, a valve for controlling the flow of primary air through said air passage, a secondary air passageway arranged for supplying a large volume stream of air to combine with said fuel air stream to produce an efficient combustible mixture, a valve for controlling the volume of air flow in said secondary passageway, means for adjusting the secondary air valve including an operating shaft and means for actuating the same, a lever operatively associated with the end of said needle valve stem for adjusting the same longitudinally and having an adjustable connection with said shaft for operation thereby, and means connecting said lever with said primary air valve for effecting adjustment of the latter simultaneously with said needle valve.



2,126,133
SWEETPOTATO SIRUP
Howard S. Paine, Chevy Chase, Md., and Elias Yanovsky, Washington, D. C.; dedicated to the free use of the People of the United States of America
No Drawing. Application July 12, 1937, Serial No. 153,198
1 Claim. (Cl. 99—50)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

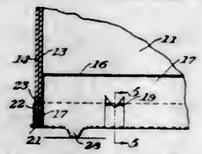
The method of producing a fermentable sirup, comprising mixing ground sweetpotatoes with an equal weight of water and a strong acid, in the proportion of substantially 2 grams of acid to substantially 1 pound of sweetpotatoes, thence heating the mixture under pressure at substantially 125° C. for substantially 3½ hours, thence filtering the liquid extract, thence subjecting the filtrate to the action of an alkali until it is adjusted to substantially 5.0 pH, thence adding a decolorizing carbon, thence removing the carbon, and thence concentrating the remaining extract to a sirup content ranging from 70 to 80% solids.

2,126,134
CABINET AND THE LIKE
James Lewis Palley, Pittsburgh, and Edward Werner, Bellevue, Pa., assignors to Palley Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 27, 1937, Serial No. 122,585
2 Claims. (Cl. 189—46)



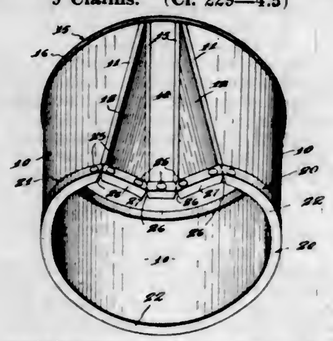
1. A cabinet door structure comprising a panel having flange portions turned normal to the surface of the panel with the free edges of said flange portions turned toward the panel, a resilient metal sealing strip having an anchoring portion clinched between the turned back edge portions and extending outwardly, a lip portion extending from the anchoring portion, the cross section of which is substantially semi-circular having a vacant interior and arranged to yieldably engage a sealing surface on the cabinet when the door is closed.

2,126,135
CABINET AND THE LIKE
James Lewis Palley and Edward Werner, Pittsburgh, Pa., assignors to Palley Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 27, 1937, Serial No. 122,586
2 Claims. (Cl. 312—189)



1. In a cabinet and the like, the combination of metal lintel and sill door stops, an inner door of relatively compressible material hinged at one side of said cabinet and arranged to close against said door stops, an outer door hinged at the other side of the cabinet and arranged to close against the inner door, metal surfaces on the outer door along the marginal edges thereof arranged to compress the inner door against said door stops to seal the same when the doors are closed, and means for retaining the outer door in its closed position and for compressing the inner door between said metal surfaces and said door stops.

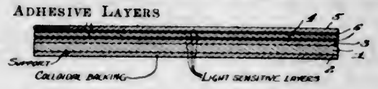
2,126,136
KNOCK-DOWN CONTAINER
Lee D. Pierce, Fulton, N. Y.
Application February 23, 1937, Serial No. 127,121
9 Claims. (Cl. 229—4.5)



1. A container comprising a barrel formed of fibrous material and being provided adjacent the bottom end with infolding portions to permit said bottom end of the container barrel to be contracted to form a tapered barrel, a rigid metallic ring member secured to the upper end of the barrel to maintain the same in circular form, a second metallic ring member secured to the bottom of the barrel and being formed with an inwardly extending bottom supporting flange, said lower ring member having portions infoldable with the infolding portions of the barrel, and a bottom disk arranged in the container and supported by the flange of said lower ring.

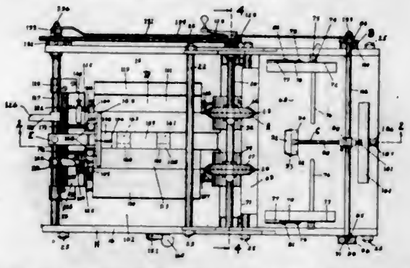
2,126,137
COLOR PHOTOGRAPHY STRUCTURE
Rowland S. Potter, Brightford Heights, N. Y., assignor to Defender Photo Supply Company, Incorporated, Rochester, N. Y., a corporation of New York
Application December 10, 1936, Serial No. 115,181
2 Claims. (Cl. 95—2)

1. A color photography structure comprising a plurality of layers of material sensitive to different colors, the layers being held together and separated only by an extremely thin stripping layer consisting of a transparent liquid-permeable adhesive comprising a soap solution which



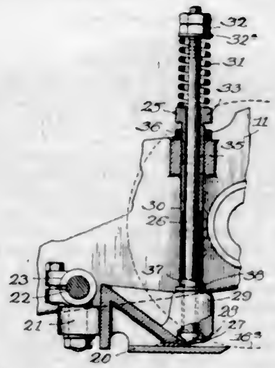
fills the space and excludes any air between the layers, holding said sensitive layers in optical contact and permitting their development while secured together and subsequent separation for printing independently of each other.

2,126,138
FOLDING MACHINE
Karl F. Riese, Minneapolis, Minn.
Application July 20, 1936, Serial No. 91,475
11 Claims. (Cl. 270—94)



1. In a folding machine, a pair of scoring rolls, a folding mechanism adjacent said scoring rolls, said scoring rolls delivering scored sheets to said folding mechanism, a presser roll cooperating with one of said scoring rolls, and means for feeding the sheets from said folding mechanism to said second named scoring roll and said pressing roll.

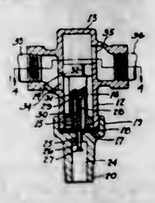
2,126,139
BED KNIFE ADJUSTMENT FOR MOWING MACHINES
Joseph A. Roseman, Glenview, Ill.
Application February 18, 1937, Serial No. 126,341
5 Claims. (Cl. 56—294)



1. In a mowing machine, a frame including two side plates, a cutter reel rotatably mounted on and extending between said side plates, a bed plate co-operating with said cutter reel adjacent

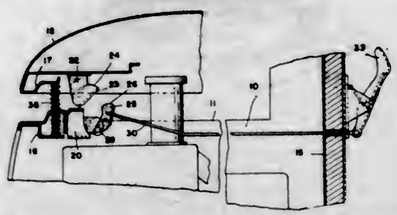
the bottom thereof, and adjusting devices for opposite ends of said bed plate, each of said devices comprising a positive stop member abutting said bed plate and adjustable with respect to said frame, and a yieldable connection including an expansion spring disposed above said stop member and normally urging said bed plate against said stop but permitting limited movement of said bed plate radially of said cutter reel.

2,126,140
PRIMER VALVE FOR FLOOR DRAINS
Fred Ross, Portland, Oreg., assignor to Harry W. Klosterman, Portland, Oreg.
Application December 5, 1936, Serial No. 114,398
6 Claims. (Cl. 182—12)



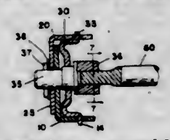
1. A primer valve consisting of a cylindrical body having an outlet at one end thereof communicating with a floor drain trap, said outlet having a check valve therein adapted to open under internal pressure, a piston actuated closure for said opening, a spring for urging said check valve toward a closed position, a fresh water supply pipe communicating with said cylindrical body between said piston and outlet and an outlet conduit communicating with said cylindrical body at a point more remote from said check valve than is said fresh water supply pipe.

2,126,141
HOOD LATCH
Walter S. Saunders, Pontiac, Mich., assignor to American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan
Application November 9, 1936, Serial No. 109,860
3 Claims. (Cl. 292—223)



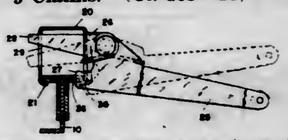
1. Remotely controllable latching means for releasably securing a lid or the like to the support, comprising latch keeper and bolt portions, one carried by the lid section and the other by the support, each of said portions having a substantially U-shaped sheet metal section, said sections interfitting when the lid is closed, the bolt portion having a shoulder extending transversely to the path of movement of said sections into and out of interfitted relation, a latch member movably carried thereby said keeper portion and movable to and from an overlying position with respect to said shoulder in which it holds the bolt portion, spring means yieldably urging said latch member toward such overlying position, and an elongated operating member connected to said latching element.

2,126,142
SEAT SUPPORTING MEANS
Walter S. Saunders and Thomas A. McGregor, Pontiac, Mich., assignors to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan
Application November 3, 1937, Serial No. 172,591
4 Claims. (Cl. 155—14)



1. A track and carriage assembly for rollably supporting a seat or the like, comprising a track member having a vertical flange and a horizontal flange, the carriage member having a vertical flange projecting beside the first mentioned vertical flange and having a horizontal flange overlying the first-mentioned horizontal flange, said vertical flanges having longitudinal slots which are aligned during movement of the carriage with relation to the track, rollers arranged between the horizontal flanges of the track and carriage and bearing the load of the latter, gear teeth projecting from said rollers, said horizontal flanges being provided with rack portions meshing with said gear teeth, a stub shaft supporting one of said rollers and projecting through and adapted to travel in said aligned slots, said roller being fast upon said stub shaft, and keying means carried by said stub shaft and accessible from one side of said assembly, whereby an extension shaft may be keyed to said stub shaft.

2,126,143
ADJUSTABLE SUPPORTING MEANS
Walter S. Saunders and Thomas A. McGregor, Pontiac, Mich., assignors to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan
Application November 3, 1937, Serial No. 172,592
5 Claims. (Cl. 155—14)

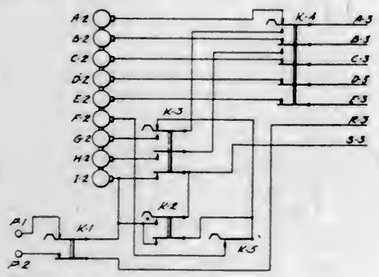


1. Supporting means for a seat or the like, comprising a track having a transverse head portion, a carriage rollable along the track and having spaced side webs, guiding portions carried by the carriage, projecting beneath the transverse head of the track in position to limit rocking of the carriage with respect to the track, and detent means for releasably holding the carriage against rolling along the track, said detent means comprising a lever pivotally supported by the carriage for swinging movement in a vertical plane transverse to the track and carriage assembly, said detent having a part extending through both side webs of the carriage and engageable at the limit of its movement with one of said webs.

2,126,144
TRAFFIC CONTROL SYSTEM
Judson O'D. Shepherd, Atlanta, Ga.
Application May 10, 1930, Serial No. 451,459
Renewed November 24, 1936
17 Claims. (Cl. 177—337)

1. In a street traffic control system; a central station; a plurality of remotely disposed stations;

selector mechanism at each of said remotely disposed stations; a transmitter at said central station; circuit connections including a plurality of conductors extending from said transmitter to each of said selector mechanisms; means for operating said transmitter to transmit code combinations over said conductors through repeated cycles to operate all of said selector mechanisms, substantially all of said code combinations consisting of a plurality of impulse conditions transmitted simultaneously by said transmitter; a traffic signalling system including stop and go signalling devices individual to each of said selector mechanisms and located at street intersections; energizing circuit connections individual to each



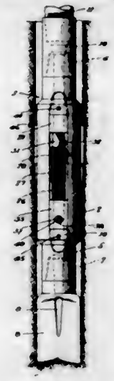
of said signalling devices extending to its associated selector mechanism, each of said last mentioned energizing circuits being closed by its associated selector in response to an individual code combination, all of said selector mechanisms being responsive to code combinations of impulse conditions transmitted by said transmitter, but only predetermined ones being affected in response to any one code combination to complete the energizing circuit for the signalling devices corresponding to that code combination, and means at the central station for coordinating the traffic signals at the intersections along the streets whereby traffic therealong is correspondingly coordinated.

2,126,145
CUTTER
Herman C. Smith, Whittier, Calif.
Application October 14, 1935, Serial No. 44,907
2 Claims. (Cl. 255—73)



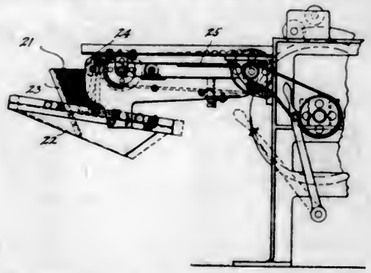
1. An underreamer cutter, including a shank, a right screw threaded zone upon said shank, a contiguous left screw threaded zone upon said shank, the left threaded zone and the right threaded zone being of different pitch diameter.

2,126,146
UNDERREAMER
Herman C. Smith, Los Angeles, Calif.
Application May 29, 1936, Serial No. 82,484
6 Claims. (Cl. 255—74)



1. In an underreamer construction, a body formed with a central bore through which fluid is adapted to be passed, a rotatable shaft having a portion eccentric to its axis of rotation, an underreamer cutter mounted on the eccentric portion and adapted to be maintained within the body or projected beyond the periphery of said body due to said mounting when the shaft is rotated, and means connected to said shaft and exposed to the path of flow through said central bore to rotate said shaft.

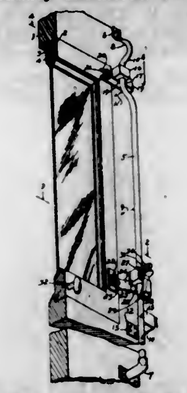
2,126,147
AUTOMATIC FABRIC PICKER-OFF AND FEEDING MACHINE
Ricardo M. Smith and John G. Gogal, Passaic, N. J.
Application February 16, 1937, Serial No. 125,994
3 Claims. (Cl. 271—34)



1. An automatic fabric piece separator, comprising a set of adjustable inclined tracks, a container for work pieces, rearwardly inclined, standing on edge, supported for intermittent gravity movement on said tracks to present the front piece of the pack with different pressures to a friction separator.

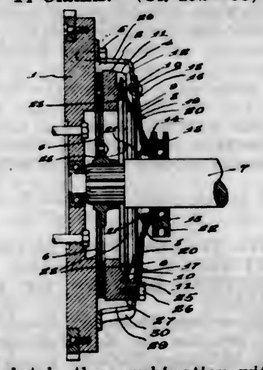
2,126,148
DOOR
John A. Souza, San Jose, Calif.
Application October 5, 1937, Serial No. 167,406
3 Claims. (Cl. 20—36)

1. Means for adjustably supporting a sash in a door window opening comprising, a pair of guide rods fixedly mounted on opposite sides of the opening and in spaced parallel relation to the door, shoes slidably mounted on the rods, and



resilient members inserted between the sash and shoes to urge the sash into the window opening.

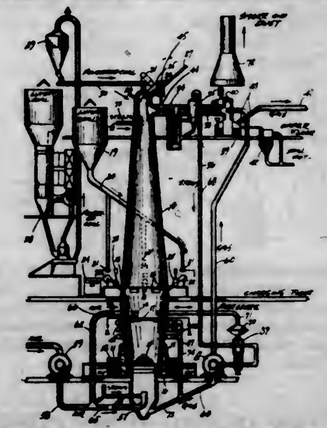
2,126,149
CLUTCH
Charles B. Spase, Nedrow, N. Y., assignor to W. C. Lipe Inc., Syracuse, N. Y., a corporation of New York
Application June 12, 1937, Serial No. 147,978
14 Claims. (Cl. 192—68)



1. In a clutch, the combination with a driving element, a pressure ring rotatable with the driving element, a back plate, a driven element including a friction disk extending between the driving element and the pressure ring, a clutch shaft on which the disk is mounted, and a throw-out collar shiftable axially of the clutch shaft; of clutch levers, the levers slidably pressing on the pressure ring and the back plate, leaf spring elements carried by the back plate and extending inwardly toward the inner ends of the levers, the throw-out collar thrusting, when operated, against the inner ends of the levers in one direction, a ring interposed between the inner ends of the levers and the inner ends of the spring elements, said spring elements acting on the ring in opposition to the thrust of the throw-out collar, when the collar is actuated.

2,126,150
PROCESS FOR MAKING GAS
Albert R. Stryker, Mariemont, Ohio, assignor of one-half to Chester Tietig, Covington, Ky.
Application September 30, 1935, Serial No. 42,784
7 Claims. (Cl. 48—210)

4. The process which comprises bringing a bed of lump fuel to incandescence and the space above it to a temperature of at least 1400° F. dropping finely divided hydrocarbonaceous fuel on the top of said bed thru the heated zone above same, withdrawing combustible gas pro-



duced by the pyrolysis of said fuel from a preselected level below the top of said bed of lump fuel and from the side thereof, the gas from each region varying in hydrogen content from that withdrawn from the other regions.

2,126,151
PROCESS OF FLOCCULATION
Alverd C. Stutson, Webster Groves, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application August 31, 1936, Serial No. 98,737
5 Claims. (Cl. 210—23)

1. The method of removing oil compatibly associated with steam condensate, which method comprises subjecting the water containing said oil to the action of a coagulum formed through the reaction of ferric sulphate and an alkali.

2,126,152
SKI
Chauncey G. Suits, Schenectady, N. Y.
Application June 26, 1935, Serial No. 28,481
7 Claims. (Cl. 280—11.13)

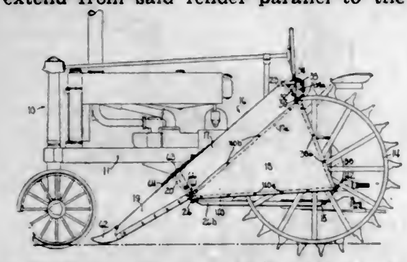


1. The combination with a ski having a body portion and a substantially flat running surface, of flat metallic inserts therefor having narrow slots extending from one edge toward the other edge and fastening tangs intermediate opposite edges thereof, said ski intermediate the leading and trailing ends of said surface being provided with slots extending diagonally from the running edges thereof into said body portion of said ski, and means for securing said inserts within said slots, so that neither of the ends and only one edge of the insert is exposed.

2,126,153
STALK LIFTER
Axel W. Swenson, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application September 28, 1936, Serial No. 102,939
8 Claims. (Cl. 280—160)

7. A grain stalk lifter for a vehicle wheel, comprising a fender adapted to embrace a por-

tion of the periphery of said wheel and to extend forwardly therefrom, reversible supporting means for mounting said fender on either side of said vehicle, a removable side shield adapted to extend from said fender parallel to the ve-



hicle wheel, adjacent the outer side of the latter and through the axis of rotation thereof, and means for fastening said shield on either side of said fender, selectively, depending on which side of the latter is positioned outwardly of the wheel.

2,126,154

DEVICE FOR TESTING SPARK PLUGS AND IGNITION CIRCUITS

James Tawyer, Lisarow, Australia

Application November 13, 1936, Serial No. 110,742

In Australia November 22, 1935

4 Claims. (Cl. 175—183)



1. Improvements in devices for testing spark plugs and ignition circuits consisting of a pair of jaw members shaped at one end to engage with a spark plug terminal or the like and having handles of insulating material at the other end and being hingedly or pivotally connected together by a pivot member and having spring means to normally close said jaw members at the shaped end, and having an adjustment rod pivoted to said jaw members through said pivot member and arranged to be angularly adjustable in relation thereto and movable backwards and forwards about or through the pivot member, and carrying an outer contact end adapted to be adjusted with respect to an earthing point as the metal body of a spark plug or the like.

2,126,155

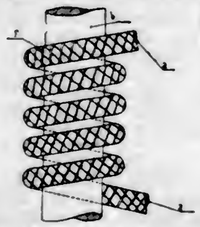
INCANDESCENT ELECTRIC LAMP

Alexandre Van Dyck, Brussels, Belgium

Application November 12, 1937, Serial No. 174,223

In Belgium November 18, 1936

12 Claims. (Cl. 176—40)



1. In the art of incandescent electric lamps, a filament consisting of an elongated hollow body having its surface formed of refractory metal wires, said body being coiled into a compact shape to constitute the filament.

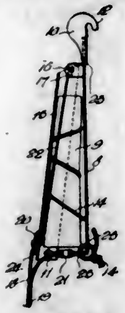
2,126,156

TOY PARACHUTE

Arthur H. Vogt, Aurora, Ill.

Application March 3, 1937, Serial No. 128,850

3 Claims. (Cl. 46—86)



1. A toy to be propelled into the air, comprising a parachute in rolled form, a flat elongated cradle upon which to longitudinally place the rolled parachute, the parachute lines being secured to said cradle plate, the rear end of said cradle plate being provided with a lateral wall to abut the rear end of said rolled parachute, a weight secured to the front end of said flat cradle plate and having means to engage a propelling device, a longitudinally channeled cover having its open side disposed toward said flat cradle plate to hold said rolled parachute against said flat cradle plate, the front end of said channeled cover plate being transversely pivoted to the front portion of said flat cradle plate, the rear end of said channeled cover plate being sufficiently wide to receive the outer end of said lateral wall, and rearwardly projecting tabs secured to said wall and said rear end of said cover to be held by one hand while the propelling device is being operated with the other hand.

2,126,157

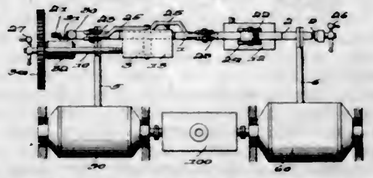
MEASURING SYSTEM FOR DETERMINING THE EFFICIENCY OF ROTARY MOTION TRANSMITTING DEVICES BY COMPARING TORQUES

Hubert Freiherr von Thüngen, Friedrichshafen, Germany, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany

Application September 12, 1936, Serial No. 100,552

In Germany September 13, 1935

21 Claims. (Cl. 73—51)



4. A system for testing rotary motion transmitting devices comprising a testing motor and a brake mechanism between which the rotary motion transmitting device under test is to be connected, separate means for simultaneously transmitting the torque applied to the device and the consequential torque developed by the device, balance means for comparing the torques transmitted with each other, means for adjusting the balance to vary the effective ratio of the torques, and means indicating when the balance means is in a state of balance.

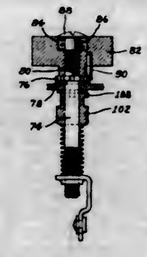
2,126,158

REFRIGERATING APPARATUS

George F. Weiher, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application December 29, 1934, Serial No. 759,752

6 Claims. (Cl. 200—83)



1. A controller including pressure operated means and means operated by the pressure operated means for controlling the flow of a medium, a rotatable means for controlling the operation of the pressure operated means, a dial, a finger manipulator cooperating with the dial, said finger manipulator having a selective spring clutch means for connection to the rotatable means in a plurality of selective positions to adjust said rotatable means, and means for limiting the rotation of the rotatable means independently of the finger manipulator.

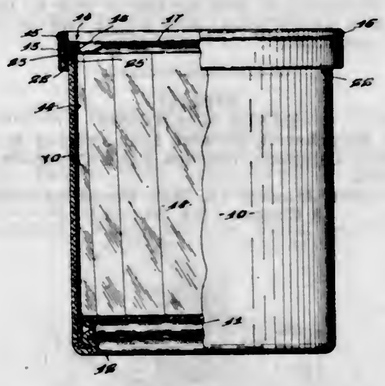
2,126,159

CONTAINER

Isaac L. Wilcox, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a corporation of New York

Application October 8, 1936, Serial No. 104,682

13 Claims. (Cl. 229—14)



1. A container comprising a cylindrical casing of fibrous material, a ring member of fibrous material encircling the upper end of the casing and extending upwardly beyond the end of the casing, a bag of thin, flexible material arranged in the casing with the open end of the bag extending over the upper edge of the casing between the outer face of the casing and the inner side of said ring, and upwardly around the periphery of said ring, and a top closure for the container secured at its periphery to said ring.

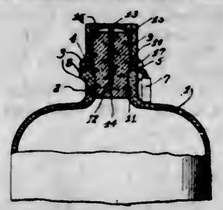
2,126,160

PROPRIETARY CONTAINER CONSTRUCTION

Ralph Wishon, Chicago, Ill., assignor to Decapiteau Glass Containers, Inc., Chicago, Ill., a corporation of Illinois

Application February 25, 1935, Serial No. 7,935

12 Claims. (Cl. 215—32)



1. In a proprietary bottle construction, a bottle including a neck portion having a groove in the external surface thereof, closure means for said bottle seated in said neck portion and extending below said groove, and a flexible member loosely carried in said groove and contractible to snap said neck portion adjacent the line of said groove, said flexible member carrying a projecting member for point contact with said neck portion when the flexible member is contracted.

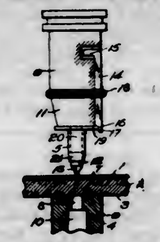
2,126,161

METHOD OF FASTENING STRIPS OF MATERIAL

Clement A. Woodward, Roslindale, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application July 17, 1936, Serial No. 91,110

2 Claims. (Cl. 218—29)



1. The method of fastening two superposed strips of material together by an eyelet member having a flanged base and a hollow shank extending from said base, at least one of said strips being of metal material, which comprises piercing, rather than punching, said strips with a suitable sharp pointed tool the size of the inside diameter of the shank of said eyelet member and, in the same operation, passing the free end of said shank through said strips and then striking said free end against a suitable die for upsetting said free end to hold said strips between said upset portion and said flanged base.

2,126,162

PURIFICATION OF TRINITROTOLUENE

Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, a corporation of New York

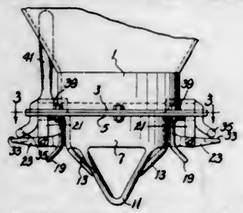
No Drawing. Application April 25, 1936, Serial No. 76,434

4 Claims. (Cl. 260—142)

1. The process of purifying deteriorated trinitrotoluene which comprises contacting molten but undissolved trinitrotoluene with an acid mixture consisting of from 70% to 99.7% of sulfuric

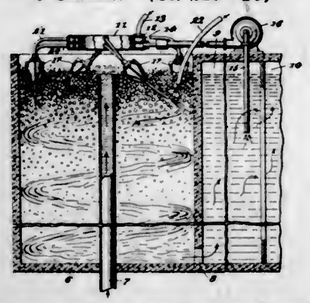
acid, from .3% to 15% of nitric acid and from 0% to 15% water, and thereafter separating purified trinitrotoluene from the residual acid mixture.

2,126,163
BAG HOLDER
Cecil T. Young, San Francisco, Calif., and Charles V. Brady, Webster Groves, Mo., assignors to Bemis Bro. Bag Co., St. Louis, Mo., a corporation of Missouri
Application April 3, 1936, Serial No. 72,468
4 Claims. (Cl. 248—101)



3. A bag holder comprising a flange, a sleeve depending from said flange, said sleeve having a partial substantially round form with relatively limited flat sides, open triangular guides depending from said sleeve on the round form, guide fingers depending from said sleeve at the flat portions and directed to have their ends enter bag mouths which are entered by said triangular guide portions, guide fingers adjacent said flat portions and spaced therefrom, said last-named guide fingers having outwardly directed portions to form with said first-named guide fingers tapering guides adapted to lead portions of bag mouths to said flat portions, pivot means depending from said flange adjacent the fingers at said flats, oscillating fingers pivoted to said pivot means adapted to gravitate downwardly against said flats, and adapted to be passed by bag mouths applied to the flats and to grip the mouths upon incipient movement of the bags from the flats.

2,126,164
APPARATUS FOR AND PROCESS OF TREATMENT OF LIQUID
Herman B. Anderson, Louisville, Ky.
Application October 29, 1935. Serial No. 47,333
6 Claims. (Cl. 210—26)



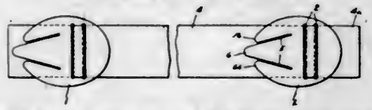
1. In an apparatus for mixing and conditioning liquid, a receptacle having an inlet at its top and an outlet at its bottom so arranged that liquid will flow downwardly through the receptacle, and means for delivering at high velocity a stream of liquid having gas bubbles entrained therein, in a direction tangential to and at a point adjacent the periphery of the receptacle, and downwardly at an inclined angle to the direction of flow of the liquid in the receptacle.

2,126,165
METHOD OF AND MEANS FOR MARKING A HIGHWAY
Carter Blatchford, Chicago, Ill.
Application November 13, 1936, Serial No. 110,568
2 Claims. (Cl. 94—1.5)



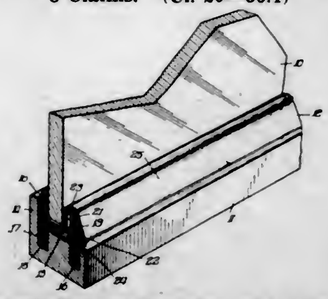
2. In a curved highway presenting an elevated portion followed by a depressed portion, a signal disposed above the highway at a height such that a line of sight extending between said elevated portion and said signal and substantially tangent to said elevated portion shall at no place be elevated above the highway to a greater distance than the height of a vehicle, said signal being positioned on the left of a vehicle descending the elevated portion in approaching it and being positioned at a distance from the top of said elevated portion such as to indicate sufficient opportunity for passing an intervening vehicle when the line of sight is not intercepted.

2,126,166
HOSE SUPPORTER
Ernst K. Bliesath, Kerry, Oreg.
Application August 20, 1937, Serial No. 160,093
4 Claims. (Cl. 24—79)



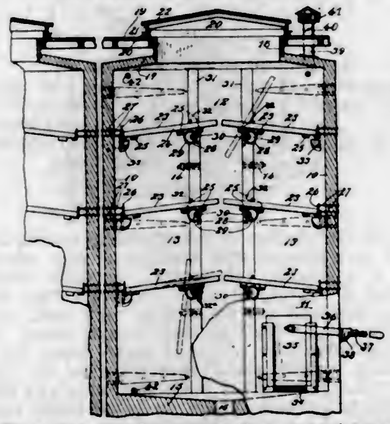
1. A slotted buckle for a garter, comprising a thin, flexible plate like member provided with a pair of cross slots near one end of the plate with a bar between them for frictionally engaging a strip of elastic fabric and a pair of generally longitudinal open end slots defining triple tongues at the other end of the plate for frictionally engaging an intermediate part of the strip of fabric, to hold an elastic loop of fabric around a wearer's leg, with a free end for hose attaching means.

2,126,167
PANEL MOUNTING
Julius Breackevelt, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill., a corporation of Illinois
Application January 15, 1937, Serial No. 120,735
8 Claims. (Cl. 20—56.4)



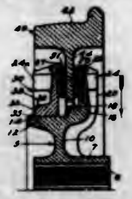
8. In window construction, the combination with two panes of glass, and two sash frames for supporting the same, of rubber glazing strips for mounting the panes in the frames, said sash frames being spaced from each other, and said rubber glazing strips engaging with each other to seal off the edges of the space present between the panes.

2,126,168
APPARATUS FOR TREATING ORGANIC MATERIAL
Jules R. Breuchaud, New York, N. Y., assignor to Sealcell Corporation, a corporation of New York
Application May 10, 1933, Serial No. 670,277
11 Claims. (Cl. 23—259.1)



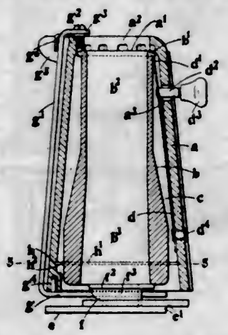
1. In apparatus for converting organic matter, the combination of a fermentation cell, means for admitting air at the lower part of the cell including an opening and a member to close said opening or to open it to desired extents, a conduit at the top of the cell for discharge of gaseous products of combustion, a damper in said conduit, means for drawing air through said cell and conduit, means for supporting the organic matter at different levels, and means including heating pipes extending into said cell for heating the same up quickly after charging the same with organic matter and thereby shortening the time required for fermentation.

2,126,169
RESILIENT JOINT FOR USE IN CAR WHEELS AND THE LIKE
Nelson R. Brownyer and Laurence Ray Buckendale, Detroit, Mich., assignors to The Timken-Detroit Axle Company, Detroit, Mich., a corporation of Ohio
Application March 16, 1934, Serial No. 715,976
11 Claims. (Cl. 295—11)



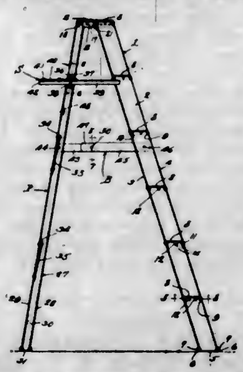
2. In a resilient joint of the character wherein a resilient member is disposed and maintained in a condition of substantial deformation between a pair of plate-like members, the process of making such joints which comprises coating said element or said members with a lubricant, forcing said members toward each other in a direction normal to their surfaces to clamp and deform said element therebetween, and then locking said members against movement away from each other.

2,126,170
PERMANENT WAVING OF HAIR
Isidoro Bibiano Calvete, Clapham, London, England, assignor to Eugene, Ltd., New York, N. Y., a corporation of New York
Application February 18, 1937, Serial No. 126,351
In Great Britain February 20, 1936
17 Claims. (Cl. 132—36)



1. Means for the permanent waving treatment of hair in the use of heating elements first heated before being applied upon the wound hair tress to be treated, consisting of the heating element, a holder for the heating element, the heating element and the holder being respectively adapted for the endwise movement of the one into the other for the enclosure of the heating element within the holder, and means for retaining the heating element within the holder and for the release of the heating element from within the holder.

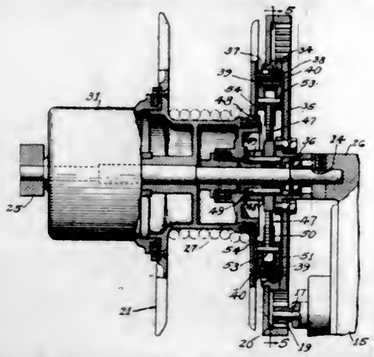
2,126,171
LADDER
Henry J. Carbis, Tarentum, Pa., assignor to Aluminum Ladder Co., Tarentum, Pa.
Application June 28, 1937, Serial No. 150,875
4 Claims. (Cl. 228—29)



1. A ladder comprising side rails having front and rear flanges, steps having their ends disposed between the flanges, the steps being in the form of channels having depending front and rear flanges, means for securing the front flanges of the steps to the front flanges of the side rails, a platform duplicating one step and disposed in alignment therewith, and means for securing the

front flange of the platform and the rear flange of said one step to the rear flanges of the side rails.

2,126,172
CABLE REEL
Frank Cartlidge, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application July 29, 1935, Serial No. 33,714
2 Claims. (Cl. 242—91)

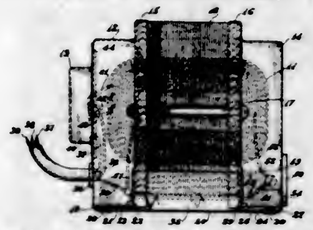


1. In a reeling mechanism, a cable reel drum, a cable adapted to be wound on said drum, a drive shaft, yieldable means releasable upon a predetermined load on said cable reel drum for driving said drum from said shaft and maintaining tension on said cable, while said drive shaft is continuously rotating in one direction, during stalling of said reel when the machine is stationary and the free end of said cable is connected to a source of power or during the unwinding operation comprising a driving member rotatable about an axis coaxial with the axis of rotation of said drum, an annular flange projecting outwardly from said drum, a pair of internal expanding friction bands having engaging faces corresponding to the inner periphery of said annular flange, compression springs interposed between opposite ends of said friction bands for yieldably engaging said friction bands with the inner periphery of said flange whereby rotatable movement of said bands will rotate said flange and drum, and means connected between said driving member and friction bands for rotatably driving said friction bands when said driving member is rotating in either direction comprising a pair of oppositely disposed links, each of said links comprising a threaded member pivotally connected to said driving member adjacent to but eccentric of the center of rotation thereof, and a slotted member having threaded engagement with said threaded member whereby the length of said links may be adjusted, and having slidable engagement with its associated friction band intermediate the ends thereof.

2,126,173
NONCORROSIVE ANTIFREEZE LIQUID
Leo J. Clapsadle, Buffalo, N. Y., and Alvan H. Tenney, Pittsburgh, Pa., assignors, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application November 9, 1935, Serial No. 48,996
10 Claims. (Cl. 252—5)

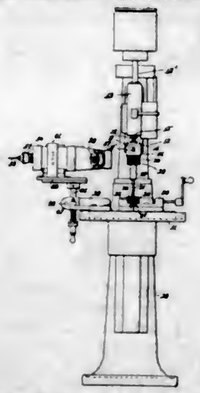
1. A non-corrosive anti-freeze liquid comprising an alcohol and an inhibitor consisting of an additive mixture of an alkali metal nitrite, triethanolamine, and an acid of the group consisting of oleic, palmitic, stearic, and boric acids.

2,126,174
ADJUSTABLE VOLTAGE TRANSFORMER
James A. Comstock, Cleveland, Ohio, assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application August 31, 1935, Serial No. 38,755
7 Claims. (Cl. 171—119)



6. An end casing for transformers having magnetic core means and winding means comprising a generally rectangular metallic member having a marginal upper rim and two oppositely disposed marginal side rims, said casing having its central portion bulged away from the said marginal rims to make space for the winding means, each marginal side rim at its lower end being offset for a portion of the length thereof in the same direction as the bulge, the remainder of the two marginal side rims and the marginal upper rim lying in one plane for abutting against the marginal edge of the magnetic core means, the lower portion of the bulge being bent inwardly to form an inturned member which extends toward the said marginal rims, said inturned member at its inner end having spaced side portions bent upwardly to fit respectively between each offset portion and the magnetic core means, said spaced side portions lying substantially in the same plane as the said upper and side marginal rims to lie adjacent the magnetic core means.

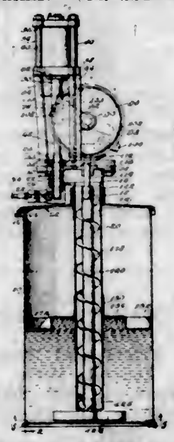
2,126,175
TESTING MACHINE AND MEASURING DEVICE THEREFOR
John T. Dalcher, Laurence Harbor, N. J.
Application November 9, 1936, Serial No. 109,938
11 Claims. (Cl. 265—18)



1. Means for determining the machinability of metal consisting of a rotatable and reciprocable

spindle forming a part of a drill press, a sleeve secured thereto and rotatable therewith, a member slidably mounted and fitting within said sleeve and rotatable therewith and provided with a vertical socket to receive a drilling tool adapted to act on said metal, a normally expanded compressible spring interposed between said sleeve and member, and an index ring carried by and surrounding said member and having a plurality of annular grooves in its outer surface exposed to view and over which said sleeve is adapted to move when said spring is compressed.

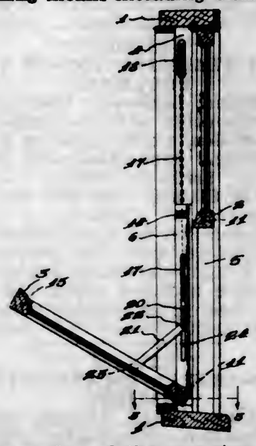
2,126,176
LUBRICATING APPARATUS
Ernest W. Davis, Oak Park, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application January 22, 1937, Serial No. 121,741
10 Claims. (Cl. 221—47.1)



1. In a high pressure lubricant compressor having a lubricant container, a cover therefor, a high pressure pumping mechanism including a plunger mounted upon said cover, fluid pressure motor means for reciprocating said plunger, the combination of a cylindrical tube secured to said mechanism and projecting downwardly therefrom into the drum, a helical blade rotatable in said tube and driven by said fluid pressure motor, and means for scraping lubricant from adjacent the bottom of the drum, comprising a plurality of spirally shaped collector blades secured to said helical blade for rotation therewith, and impeller blades rotating with said helical blade and arranged to cause downward flow of lubricant toward said collector blades.

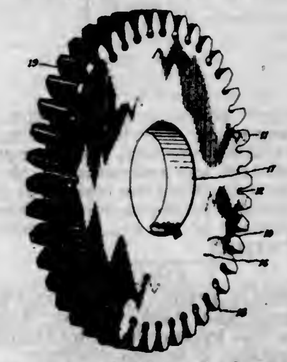
2,126,177
WINDOW CONSTRUCTION
Wesley Eugene Dennis, Ithaca, N. Y.
Application January 2, 1936, Serial No. 57,105
2 Claims. (Cl. 20—49)

1. The combination with a window frame formed with a sash guide, sash slides at opposite edges of the sash, the slides being movable along the guide, the sash being pivoted to the slides to move out of the plane of the guide, and sash balancing means; of coupling means between the balancing means, the slides, and the sash to counterbalance the sash and slides when the sash is raised and lowered, and to hold the sash in any one of a plurality of inclined positions when the sash is moved about its pivotal axis relatively to the slides, and an impositive spring pressed locking means including elements on the



edges of the sash and the opposing portions of the slides for holding the sash from unintentional pivotal movement relatively to the slides.

2,126,178
ROTARY GEAR CUTTING TOOL
Robert S. Drummond, Detroit, Mich.
Application December 2, 1935, Serial No. 52,566
8 Claims. (Cl. 29—103)



1. A rotary gear finishing tool comprising a rotary gear having teeth on the periphery thereof, the sides of said teeth having a plurality of substantially parallel serrations extending from the tops to the roots of said teeth forming cutting edges, the sides of said teeth intermediate said serrations forming guiding surfaces, the profile of said gear teeth being of substantially involute form modified therefrom by being hollow at and near the pitch line to an extent ranging from .0003 to .0015 inch to correct for the excess cutting and to provide the desired form of involute on the work gear when said cutter is rolled in mesh with a work gear and a relative feed movement is given parallel to the axis of the work gear.

5. A rotary gear cutting tool comprising a gear-like member having a plurality of teeth, said teeth having a plurality of substantially parallel grooves extending from the tops to the roots of said teeth and forming therebetween a plurality of lands, the edges of said lands forming cutting edges, arcuate channels extending transversely through said tool between adjacent teeth at the

roots thereof, and extending laterally into said teeth to a substantially greater depth than do said grooves.

2,126,179
LIGHT STABILIZATION OF VINYL POLYMERS
Fred W. Duggan, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application July 31, 1934, Serial No. 737,778
18 Claims. (Cl. 260—2)

1. The process of stabilizing a vinyl resin against discoloration by light, which comprises intimately mixing with the former a small amount of a light-stabilizing phenol derivative having a single hydroxyl group and having an alkyl-substituted carboxyl group placed ortho to the hydroxyl group.

2,126,180
UREIDO N-DIARYL DICARBOXYLIC ACID HALIDES
George Malcolm Dyson, Cheadle Hulme, and Arnold Renshaw, Manchester, England, assignors to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
No Drawing. Original application January 16, 1929, Serial No. 333,020. Patent No. 1,969,299, dated August 7, 1934. Divided and this application July 25, 1934, Serial No. 736,900. In Great Britain February 1, 1928
4 Claims. (Cl. 260—123)

2. Diaryl dicarboxylic acid halides having the formula

$$\begin{array}{l} R_3COHal \\ \diagup \\ \quad N—R_2 \\ \diagup \\ C=X \\ \diagdown \\ \quad NH—R_1 \end{array}$$

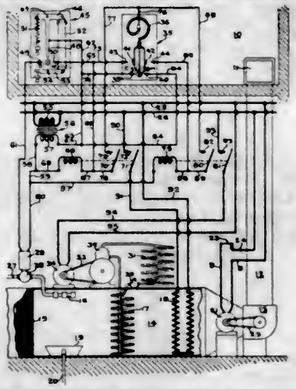
in which one of the groups R_1 and R_2 represents hydrogen, the other representing R_4COHal, where R_3 and R_4 represent organic radicals containing an aryl nucleus attached to N of the formula by way of carbon and with the groups COHal attached to the aryl nuclei thereof, and X is an element of the group consisting of sulphur and oxygen.

2,126,181
LITHOGRAPHIC PRINTING PLATE
Walter Strickland Field, London, England, assignor to The Pyrene Company Limited, Brentford, England, a British company
No Drawing. Application December 11, 1936, Serial No. 115,445. In Great Britain December 21, 1935
6 Claims. (Cl. 148—6)

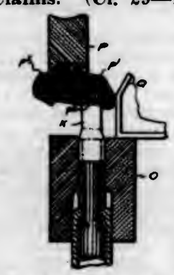
1. The process of chemically graining a zinc lithographic plate which comprises cleaning the surface of the plate with a suitable cleansing agent, rinsing the surface of said plate with water or the like, treating the surface of said plate with a heated solution of a hydrolyzable acid phosphate of a divalent metal from the class of phosphates adapted for the protective coating of zinc for about thirty minutes, and rinsing the said plate.

2,126,182
AIR CONDITIONING SYSTEM
Francis B. Fillo, St. Louis, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application September 5, 1935, Serial No. 39,277
2 Claims. (Cl. 236—44)

1. In a control system for a space air conditioning apparatus having humidifying means, cooling means and heating means, the combination of, means responsive to space temperature, means connecting at all times the space temperature responsive means with the heating means and the cooling means to cause heating when the space temperature decreases and cooling when the space temperature increases, means responsive to space relative humidity, and means connecting at all times the space relative humidity responsive means with the humidifying means and the heating means to cause humidifying when the space relative humidity decreases and heating when the space relative humidity increases.



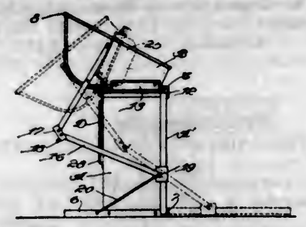
2,126,183
METHOD OF MAKING ELECTRICAL CONNECTERS
Harrison J. L. Frank and Joseph A. Messing, Detroit, Mich.
Application June 24, 1935, Serial No. 28,116
4 Claims. (Cl. 29—155.55)



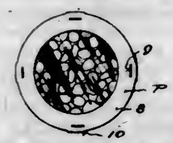
1. A method of making a cup shaped part having an eccentric strap at and arranged in the plane of its closed end which comprises striking a billet of rod stock axially to enlarge one end of the billet, again striking the enlarged end axially, this time with a punch, to form an axial cup forming depression in such enlarged end, then pushing against the other end of the billet axially and laterally, with a compound motion, to mash and flatten and bend over such other end and form it into a strap transverse to the axis of the cup and eccentric thereof.

2,126,184
SACK OPENING AND LOADING DEVICE
Miles R. Frankenfield, Freeport, Ill.
Application October 14, 1937, Serial No. 169,058
9 Claims. (Cl. 226—59)

1. A loading device comprising: an open-top casing having a plurality of upstanding partition walls forming open-top compartments adapted to receive open-top paper bags; an open-bottom hopper hinged to said casing so as to swing upwardly and rearwardly with respect to said casing; movable means for spreading open the tops of the bags in said casing; and connecting means for automatically operating said movable means when the hopper is oscillated.



2,126,185
DISPENSING PACKAGE FOR CANDIES, NUTS, AND THE LIKE
Joseph Friedl, Milwaukee, Wis.
Application November 21, 1936, Serial No. 112,034
1 Claim. (Cl. 206—44)



A dispensing package for nuts, candies, and the like, comprising, a body of pie-plate-like form having an outwardly projecting flange provided with a flat upper surface, a sheet of transparent material placed over the top of the plate in intimate contact with the flat upper surface of the flange, a flat annular finishing and retaining ring fitted over the transparent sheet against the flange, means securing the ring, sheet, and flange together, the inner edge of said ring projecting a material distance inwardly of the flange and over the body.

2,126,186
ATHLETIC SHIRT AND METHOD OF MAKING THE SAME
Samuel N. Friedland, Rochester, N. Y., assignor to Champion Knitwear Company, Inc., Rochester, N. Y.
Application January 20, 1938, Serial No. 185,984
4 Claims. (Cl. 2—113)



1. The method of making athletic shirts and the like which comprises, providing a length of material in the form of a tube having a diameter approximating the desired over-all dimension from the neck to the waist of a selected size garment, cutting said tube generally transversely in a pattern of alternately reversed garment blanks each comprising front and back pieces forming the body and sleeves in an integral piece of fabric, severing a garment blank thus obtained along the lower edge of the body portion thereby providing the body opening, and uniting said front and back pieces by seams extending along the sides of the body and undersides of the sleeves.

2,126,187
METHOD OF TREATING MEAT
Charles F. Gallagher, Lansing, Mich.
No Drawing. Application June 26, 1936, Serial No. 87,467
3 Claims. (Cl. 99—159)

1. The process of treating ground meat to preserve its freshness and appearance which consists of thoroughly mixing therewith a composition consisting of approximately 45 to 49% of bicarbonate of soda, 45 to 49% of sugar and 2 to 10% of paprika in the proportion of approximately 5 to 10 ounces of composition to 100 pounds of meat.

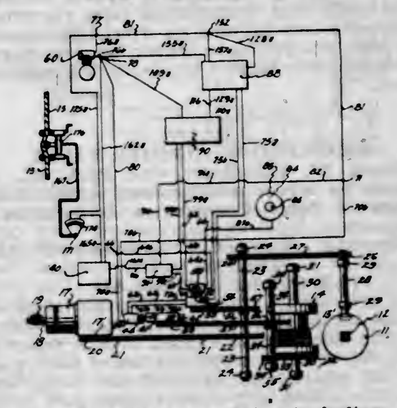
3. A new product comprising ground meat homogeneously mixed with a composition consisting of approximately 45 to 49% bicarbonate of soda, 45 to 49% sugar, and 2 to 10% of paprika, in the proportion of approximately 5 to 10 ounces of composition to 100 pounds of meat.

2,126,188
AIRSHIP
Adolf Goetz, Hamburg, Germany
Application August 23, 1935, Serial No. 37,573
In Germany September 10, 1934
8 Claims. (Cl. 244—30)



1. Airship of the lighter than air type comprising a streamlined upper part of substantially semi-elliptical cross section, a streamlined lower part of substantially semi-circular cross section, the upper part overhanging the lower part, a longitudinal bracing system occupying the overhanging parts and extending through the body of the airship, said bracing system presenting longitudinal inverted wind channels adjacent to the sides of the lower part of the ship and lateral wind guiding surfaces extending between the longitudinal outer edges of the upper portion and the adjacent edges of said channels.

2,126,189
MEANS FOR DRILLING WELLS
Otto Berger Goldman, Dallas, Tex.
Application December 30, 1935, Serial No. 56,607
3 Claims. (Cl. 255—19)



1. A well drilling apparatus including, a restrainedly suspended drill stem having a drill

bit at its lower end in the well, a prime mover for rotating the drill stem and governed by the load imposed upon it by the drill bit rotating through the formation, means actuated by the prime mover for releasably feeding the drill stem downwardly as the hole is drilled, drill stem weight self-applied brake means associated with the feeding means for counterbalancing the weight and decelerating the downward movement of the drill stem so as to prevent said stem over feeding by gravity, and time controlled means for automatically reversing the operation of the feeding means to hoist the drill stem and bit when the drilling load on said bit exceeds a predetermined point.

2,126,190

CELLULOSE ESTERS

Rudolf Hofmann, Dormagen, Germany, assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 21, 1937, Serial No. 170,294. In Germany June 7, 1929

3 Claims. (Cl. 260—101)

1. The process of producing cellulose esters of lower fatty acids which comprises reacting cellulose with the anhydride of a lower fatty acid at a temperature between room-temperature and about 50° C., in the presence of an effective amount of an esterification catalyst and of methylene chloride in an amount sufficient to regulate the course of the reaction and to cause the cellulose ester formed to remain in solution, whereby a crude homogeneous, highly viscous, solution of the cellulose ester showing no tendency to gelatinize under esterification conditions is produced.

2,126,191

COMPOSITE CEMENTITIOUS ARTICLE

Dean S. Hubbell, Pittsburgh, Pa., assignor to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application October 3, 1935, Serial No. 43,381

3 Claims. (Cl. 72—69)



1. A composite cementitious article comprising an underlying cementitious layer comprising a hydraulic cement and an overlying cementitious layer comprising a copper bearing magnesium oxychloride cement bonded to the hydraulic cement.

2,126,192

GREASEPROOF GUMMED PAPER

Ferdinand W. Humphner, Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company, a corporation of Delaware

No Drawing. Application September 30, 1935, Serial No. 42,973

5 Claims. (Cl. 91—68)

1. A greaseproof gummed paper for labels and the like comprising a strip of paper having at least one side thereof coated with a water-insoluble oil-resistant lacquer, a water soluble adhesive on said lacquer, said adhesive being fractured throughout to prevent curling, and an organic solvent for said lacquer remaining in said adhesive for uniting said adhesive to said coating.

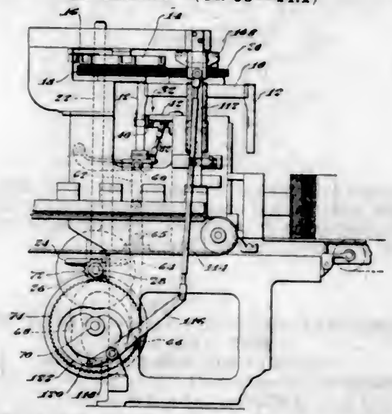
2,126,193

PACKAGING MACHINE

William A. Joplin, Wollaston, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts

Application April 21, 1937, Serial No. 138,210

13 Claims. (Cl. 93—44.1)



1. In a carton sealing machine, in combination, a carton block for operatively supporting a carton while the bottom flaps thereof are folded and sealed to close the bottom of the carton, a die mounted upon the side of the forming block, and a punch adapted to cooperate with the die to form an opening in one flap of the carton while the carton is supported upon the block.

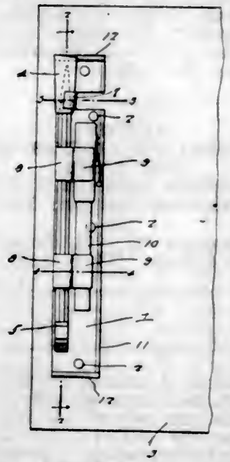
2,126,194

PEN AND PENCIL HOLDER

George F. Kidrick, Yakima, Wash.

Application March 18, 1937, Serial No. 131,730

2 Claims. (Cl. 24—81)



1. A combined pen and pencil holder comprising a substantially rectangular strip of resilient metal having at one end a rolled tapered portion extending from one side edge thereof and over said strip and forming an expansible reactive socket member for gripping the pointed end of a pencil, and a pair of spaced apart rolled portions extending from said side edge intermediate the tapered portion and the opposite end of the strip

and in axial alignment with said tapered portion, said pair of portions forming guides for aligning the pencil with said tapered portion during insertion of the pointed end thereof in the latter and keepers for holding said pencil in position intermediate the ends thereof, said pair of portions having free resilient upwardly bowed ends cooperating with said strip to clamp a pen therebetween.

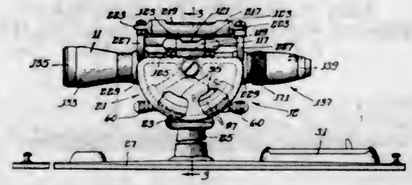
2,126,195

SIGHTING DEVICE AND SUPPORT FOR SAME

Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Co., Chicago, Ill., a corporation of Delaware

Original application March 16, 1935, Serial No. 11,525. Divided and this application January 31, 1938, Serial No. 187,996

7 Claims. (Cl. 33—67)



1. A telescope comprising a tubular barrel having enlarged portions and an intermediate restricted portion, a sleeve, and means to mount the telescope in said sleeve at the restricted portion, said sleeve being sufficiently large to permit an enlarged portion of the telescope to pass through the sleeve, and said mounting means comprising a bushing on the telescope at its restricted portion and adapted to snugly fit the sleeve, retaining means adapted for application on the barrel of the telescope without passing over the enlarged portions of the telescope, said retaining means serving to hold the bushing in said sleeve, and clamp means adapted for attachment on the sleeve for retaining the holding means in operative position.

2,126,196

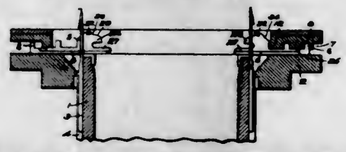
MECHANISM FOR AND METHOD OF EFFECTING CHANGES IN PLATING

Robert H. Lawson, Pawtucket, and Arthur N. Cloutier, Lonsdale, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Application April 16, 1929, Serial No. 355,559

Renewed June 23, 1937

6 Claims. (Cl. 66—107)



1. In a knitting machine of the independent needles type, a series of needles, means for feeding two yarns thereto in a plating relation, a sinker like special instrumentality for each needle movable transversely of the needle series, and having an edge formation cooperating in effecting reverse plating, a jack located in the same groove as and beneath each instrumentality, and means to move said jacks thereby to move the desired instrumentalities to cause the edge formations thereof to co-act in effecting reverse plating, in combination with means for controlling the needles and special instrumentalities to effect the knitting of normal plating.

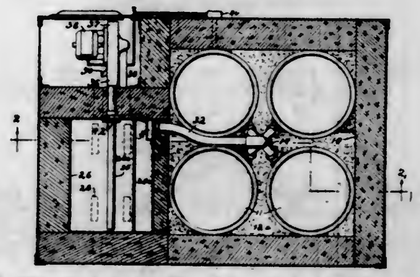
2,126,197

FOOD PRESERVATION AND STORAGE

James Nelson Lewis, Columbus, Ohio

Application May 20, 1935, Serial No. 22,443

6 Claims. (Cl. 62—91.5)



1. The process of refrigerating a container which comprises substantially enveloping said container in an atmosphere of carbon dioxide gas sublimated from solid carbon dioxide, positively withdrawing by mechanical means said gas from the container and passing a portion thereof into contact with a body of solid carbon dioxide to thereby stimulate sublimation and to replace that withdrawn and not re-used and carrying on said withdrawal only when the temperature within the container exceeds a predetermined point.

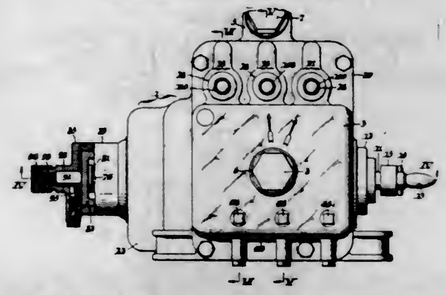
2,126,198

AUTOMATIC LUBRICATOR

Ralph A. Light, Cynwyd, and Joseph W. Price, Jr., Philadelphia, Pa., assignors to The United States Metallic Packing Company, Philadelphia, Pa., a corporation of Pennsylvania

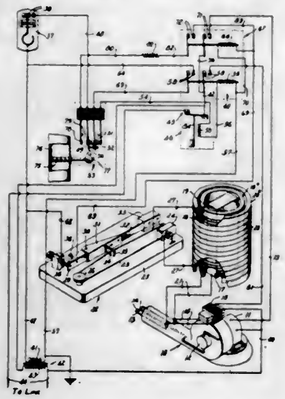
Application July 18, 1936, Serial No. 91,348

2 Claims. (Cl. 184—29)



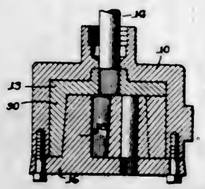
2. In an automatic lubricator, the combination of a casing having a reservoir for oil, multiple pump units for drawing oil from said reservoir for delivery to the parts requiring lubrication, a shaft common to and by which all the multiple pump units are actuated, a hydraulic motor for rotating the shaft actuated by oil delivered thereto under pressure, an air motor for pumping oil from the reservoir for actuating said hydraulic pump, and means for varying the length of the stroke of the air motor piston whereby the speed of the hydraulic motor is regulated and in turn the rate of oil discharge from all of the pump units aforesaid.

2,126,199
FUEL BURNER CONTROL SYSTEM
Edgar D. Lilja, Rockford, Ill., assignor to Howard D. Colman, Rockford, Ill.
Application May 11, 1936, Serial No. 78,975
Renewed December 30, 1937
2 Claims. (Cl. 158—28)



1. A control system for a fuel burner comprising, in combination, electric motor driven means for supplying fuel to the burner, a supply circuit for said means, a spark igniter circuit including spark electrodes associated with said fuel supply means and a low frequency current supply for said electrodes, a high frequency circuit associated with said ignition circuit and energized to high frequency oscillations solely by normal spark at said electrodes, a thermally operated time delay switch having the heating element thereof energized solely by said high frequency circuit, said time delay switch having its contacts arranged to control said first-named circuit whereby to initiate fuel supply to the burner only after a sustained normal spark has occurred at said electrodes.

2,126,200
METHOD OF MAKING PUMP GEARS
Bert A. Linderman, Detroit, Mich.
Application March 14, 1935, Serial No. 10,970
5 Claims. (Cl. 29—156.8)



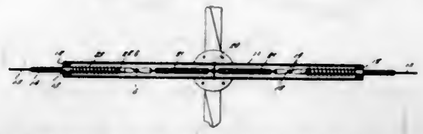
3. The method of forming and interfitting gears which comprises die-casting a gear with teeth having their root portions inclined longitudinally toward the gear axis and of uniformly decreasing thickness in the same direction, die-casting a second gear with teeth having root portions of similar inclination and of similarly decreasing thickness, and interfitting the gears with the root portions of the teeth of the respective gears inclined oppositely and the thicker tooth portions on one of the gears in mesh with the thinner tooth portions on the other gear.

2,126,201
INSULATING HANDGRIP
Arthur B. McCall, Springfield, Ill.
Application January 13, 1937, Serial No. 120,333
8 Claims. (Cl. 16—120)



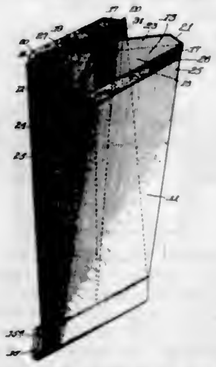
1. A coiled wire handgrip for tools, handles, cranks, knobs and the like, a shank therefor about which the coils are wound, said shank and grip provided with a soft, resilient, cushioning coat of insulating material, completely encompassing each coil thereof, and also completely coating the shank.

2,126,202
GOVERNOR
John C. McColly, Hinsdale, Mont.
Application September 28, 1937, Serial No. 166,207
2 Claims. (Cl. 170—66)



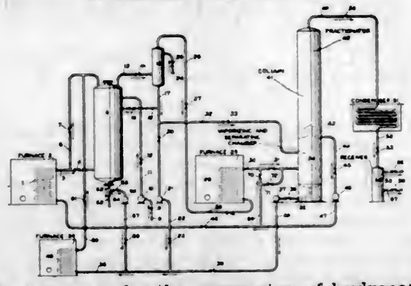
1. Retarding means for rotary structures comprising a barrel secured to a rotary structure to project laterally therefrom, a shaft longitudinally disposed in the barrel and projecting at one end from the free end of the barrel and being slidably disposed therein, a paddle on the outer end of the shaft, said shaft provided with a spiral formation at its inner end, an anchor in the barrel, an extensible coiled spring in the barrel having one end connected to the anchor and its opposite end to the spiral formation, a coiled compressible spring on the shaft having one end connected to the inner end portion of the shaft and its outer end abutting the adjacent end portion of the barrel.

2,126,203
BAG
William J. Miskella, Cincinnati, Ohio, assignor to The Globe-Wernicke Co., a corporation of Ohio
Application March 15, 1937, Serial No. 131,081
5 Claims. (Cl. 229—62)



1. A bag of the character set forth having front and back sides and inwardly folded ends, the top edge portions of said sides being provided with coatings of cohesive material, said ends extending between said coatings while said bag is in folded condition.

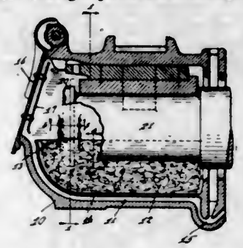
2,126,204
CONVERSION OF HYDROCARBON OILS
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application September 28, 1935, Serial No. 42,699
11 Claims. (Cl. 196—60)



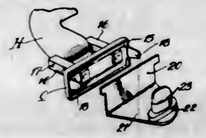
1. A process for the conversion of hydrocarbon oils, which comprises subjecting intermediate liquid conversion products of the process to cracking temperature at a substantial superatmospheric pressure in a heating coil, introducing the heated products into an enlarged coking chamber wherein their high-boiling components are reduced to coke, introducing relatively cool hydrocarbon oil charging stock for the process into the coking chamber wherein it commingles with the hot conversion products and is thereby subjected to substantial vaporization, removing the commingled vaporous conversion products and vaporous components of the charging stock from the coking chamber, separating therefrom undesirable high-boiling liquids including entrained tars, pitches and similar materials of high coke-forming characteristics, subjecting the remaining vapors to cracking temperature under independently controlled heating conditions in a separate heating coil, cooling the resulting products sufficiently to prevent any substantial further conversion thereof and introducing the same into a vaporizing and separating chamber wherein vaporous and liquid conversion products are separated, subjecting the former to fractionation for the formation of reflux condensate comprising said intermediate liquid conversion products which are supplied for conversion to the first-mentioned heating coil, subjecting fractionated vapors of the desired end-boiling point to condensation, recovering the resulting distillate, subjecting liquid conversion products withdrawn from said vaporizing and separating chamber to additional conversion under non-coking conditions in another separate heating coil and introducing the resulting heated products into the coking chamber.

2,126,205
JOURNAL BOX
Fred K. Murphy, Indianapolis, Ind.
Application May 7, 1936, Serial No. 78,435
5 Claims. (Cl. 308—83)

1. In combination with a railway-car axle having journals and a collar adjacent each journal, a journal-box receiving each journal and its associated collar, said journal-box being formed with hollow walls to provide a cavity which, at its top, communicates with the interior of the journal-box through an opening positioned to receive water running down the inner surface of the journal-box walls, said journal-box being provided with bridge-portions bridging said cavity at the top thereof in the plane of said collar, said cavity also being provided with a drain.



2,126,206
HAND LUGGAGE
Joseph H. Plotkin, Chicago, Ill., assignor to S. Dresner & Son, Inc., Chicago, Ill., a corporation of Illinois
Application February 15, 1937, Serial No. 125,723
1 Claim. (Cl. 190—50)

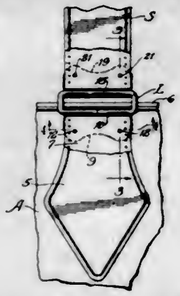


A luggage bag comprising two complementary case sections having flexible bottom walls, a reinforcement extended along the bag bottom between the case sections, a hinge connection between the case sections adjacent the reinforcement, a swingable partition extending upwardly between the case sections to a point adjacent the bag top, means providing a hinge connection between the lower edge of the partition and the reinforcement at the bag bottom, a pair of striker plates for the swingable partition depending from the top of one case section, said striker plates comprising angular members, the horizontal portions of said plates abutting the underside of said top case section, a fastener extended outwardly from each of the striker plates adapted for releasable supporting engagement with the partition, a carrying handle affixed to the top side of the bag and having depending tongues on each end of the handle extending through the top side of the bag, said tongues having clinching engagement with the ends of said horizontal portions of the striker plates whereby to transmit therethrough and through the partition a sustaining force to the bag bottom directly from said handle.

2,126,207
HAND LUGGAGE
Joseph H. Plotkin, Chicago, Ill., assignor to S. Dresner & Son, Inc., Chicago, Ill., a corporation of Illinois
Application February 15, 1937, Serial No. 125,724
1 Claim. (Cl. 190—41)

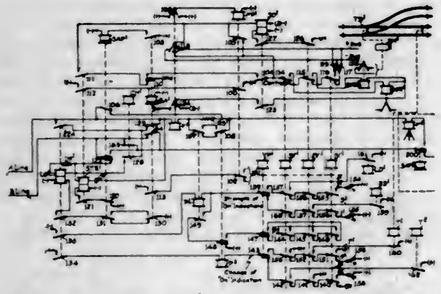
In a luggage bag having two hingedly connected case sections, a handle affixed to one case section, and a pair of relatively short straps connecting said case sections together, the improvement comprising, a strap end connection for each strap in the form of a tab permanently secured to the outer vertical wall of one case section adjacent the upper edge thereof, said tab having a relatively short free end portion terminating substantially flush with the upper edge of said case

section, a plate bent upon itself to embrace the free end portion of said tab and provide a loop therebeyond, a plate bent upon itself over one end of each of said pair of straps and secured thereto to provide a loop therebeyond, and a link having a pair of parallel spaced bars extending



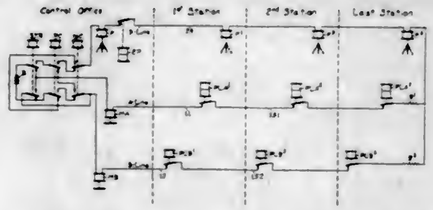
through the loop extensions of each strap and tab and providing a fixed hinge connection at the upper edge of one case section from which said pair of relatively short straps may be swung to lie parallel with the right angularly disposed sides of said luggage bag from their connection with said bag.

2,126,208
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Winfred T. Powell, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application July 21, 1936, Serial No. 91,723
7 Claims. (Cl. 177—353)



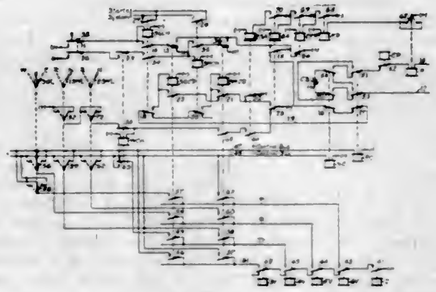
7. In a remote control system, a line circuit having a plurality of series of time spaced impulses of distinctive strength impressed thereon, a step-by-step mechanism operable through a separate cycle for each of said series, means controlled by said mechanism for selecting two local channel circuits for each step, means for causing said mechanism to take one step for each time space between successive impulses of a series, means including a first relay for at times determining the strength of said impulses during their impression on said line circuit, means including a second relay for at times thereafter changing the strength of the current as determined by the first relay during each of said impulses, means for distinctively energizing one of said channel circuits in accordance with the strength of the impulse impressed in said line circuit for that step, and means for distinctively energizing the other of said channel circuits in accordance with whether there has been a change or no change in the strength of the impulse during that impulse for that step.

2,126,209
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Neil D. Preston, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application November 26, 1932, Serial No. 644,481
Renewed March 6, 1936
18 Claims. (Cl. 177—353)



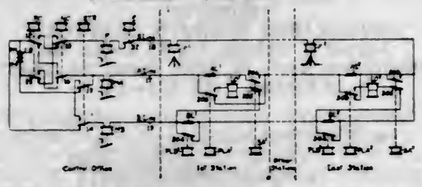
4. In a centralized traffic controlling system of the selector type, the combination with a control office and a field station, of a first line and a plurality of return lines connecting said control office with said station, said return lines each singly or in combination constituting return conductors for current flowing out over said first line, impulsing means at said control office for energizing said first line with a plurality of impulses of distinctive characters to form a code, and means at said field station for establishing the return circuit for said impulses by way of one or more of said plurality of return lines employed in distinctive combinations to form a code.

2,126,210
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Neil D. Preston, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application May 24, 1933, Serial No. 672,652
Renewed January 3, 1938
13 Claims. (Cl. 246—5)



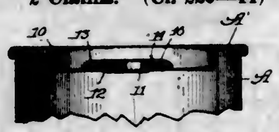
3. In a normally at rest code type selector system, a plurality of switch control levers, a signal control lever, a starting button, means initiating the communication system into a single cycle of operation to transmit a signal control code in accordance with the position of said signal control lever upon the momentary actuation of said button provided all of said switch control levers have not been moved, and means initiating the communication system into a plurality of cycles of operation for transmission of both switch and signal control codes upon momentary actuation of said button if one of said switch control machines has been moved to a new position.

2,126,211
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Neil D. Preston, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application August 24, 1935, Serial No. 37,743
9 Claims. (Cl. 177—353)



1. In a remote control system, a stepping line circuit having a plurality of series of time spaced impulses impressed thereon, a step-by-step mechanism operable through a separate cycle for each of said series of impulses, means controlled by said mechanism for selecting two local channel circuits for each step, means for causing said mechanism to take one step for each impulse of a series, a first return line and a second return line for said stepping line circuit, means for determining the rate at which current builds up in said first and second return lines, means for distinctively energizing one of said channel circuits in accordance with the rate at which current builds up in said first return line, means for distinctively energizing the other of said channel circuits in accordance with the rate at which current builds up in said second return line, and electro-responsive means jointly controlled by the distinctive energization of said channel circuits.

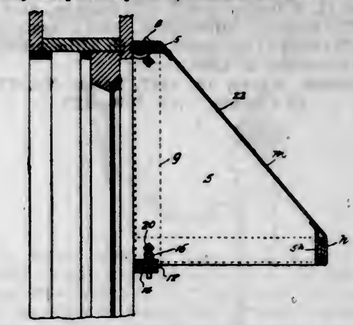
2,126,212
VACUUM SEAL INDICATOR
Thomas S. J. Richards, Glendale, Calif., assignor to Don Baxter, Inc., a corporation of Nevada
Application November 6, 1935, Serial No. 48,575
2 Claims. (Cl. 220—44)



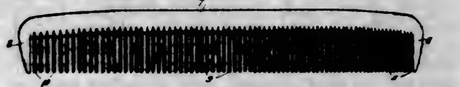
1. A sealed package of contents susceptible of bacterial action, said package being maintained normally under vacuum, comprising a container having one of its walls provided with a well and with an annular flat surface portion extending about said well, the bottom wall of said well being provided with a relatively small aperture, a sealing ring extending about said aperture, and a vacuum-indicator cap extending over said aperture and engaging said sealing ring, said cap being provided with a reduced neck portion extending into said aperture, but being smaller in diameter than said aperture to permit free vertical movement of the cap but substantially preventing lateral movement thereof.

2,126,213
COMBINED VENTILATOR AND AWNING
Fred Schardt, Fort Lauderdale, Fla.
Application February 15, 1936, Serial No. 64,150
4 Claims. (Cl. 156—15)

1. A device of the class described including, in combination, a frame, said frame comprising a pair of U-shaped members the terminals of which are secured together with the members in right angularly disposed plane, cross members connecting the corners of the frame members together, the frame being provided with a covering.

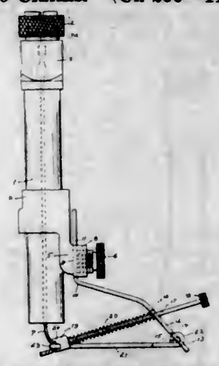


2,126,214
COMB
Herman J. Schelhammer, Whitestone, N. Y., assignor to American Hard Rubber Company, New York, N. Y., a corporation of New York
Application January 6, 1938, Serial No. 183,611
6 Claims. (Cl. 132—11)



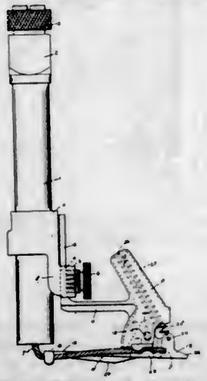
1. In a hair dressing comb comprising an elongated back, a group of teeth extending outwardly from one edge of said back, said teeth being all of different widths from one end of the group to the other.

2,126,215
FUSE LINK THROWOUT DEVICE
William O. Schultz, South Milwaukee, and Chester W. Brown, Milwaukee, Wis., assignors to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application February 23, 1937, Serial No. 127,120
10 Claims. (Cl. 200—117)



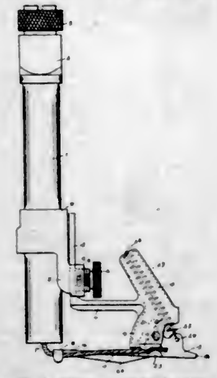
10. A fuse link throwout device for expulsion fuse cartridges, said device comprising a support adapted for mounting on said cartridges, and a pair of fuse link-clamping members pivotally mounted on said support, one of said members being slidable relative to its pivotal mounting and biased for sliding motion and the other of said members being biased for pivotal motion when said pair of members are in clamping relation to each other.

2,126,216
FUSE LINK EXPELLING MEANS
William O. Schultz, South Milwaukee, and Chester W. Brown, Milwaukee, Wis., assignors to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application March 10, 1937, Serial No. 130,054
13 Claims. (Cl. 200—127)



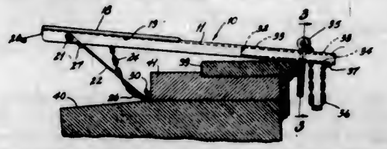
1. A fuse link throwout device for expulsion fuses, said device comprising a supporting member having a link-clamping portion, a throwout lever pivotally mounted on the support for tensioning said link and having a link-clamping portion cooperatively related to said clamping portion on said support, and a spring secured at one end to said support and at the other end to said lever, said clamping portions being upon a side of the pivotal mounting of said lever opposite to that on which said spring is secured to said lever, whereby said spring holds said clamping portions operative while said lever tensions said link and moves said lever from clamping position after said fuse link is severed.

2,126,217
FUSE LINK THROWOUT DEVICE
William O. Schultz, South Milwaukee, Wis., assignor to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application March 10, 1937, Serial No. 130,055
8 Claims. (Cl. 200—127)



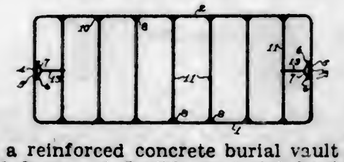
1. In a fuse link throwout device for expulsion fuse cartridges, a supporting arm adapted for attachment to a fuse cartridge, a throwout lever pivotally mounted on said arm and having a link-tensioning position, said lever being pivotally mounted intermediate its ends to provide a link-tensioning arm and lever-actuating arm, a spring coacting between said supporting arm and link-tensioning arm to move said lever from its link-tensioning position, and a protecting hood and apron substantially enclosing said spring and pivot.

2,126,218
ADJUSTABLE WINDOW SCAFFOLD
August R. Schulz, Jr., St. Louis, Mo.
Application April 16, 1936, Serial No. 74,687
5 Claims. (Cl. 304—24)



1. In a window scaffold, a frame comprising channel members disposed in diverging relation, a seat resting on one end of said members, complementary channel sections fixed in said members at the other ends thereof to provide spaced walls having aligned holes therethrough, pins selectively extending through said holes adapted to contact a vertical face of a window sill, and interconnected securing bars, one pivoted to each member adjacent the seat end having pivotal movement of less than 90° beneath the members and adapted to engage in supporting relation at the intersection horizontal and vertical planes of an outer sill, whereby weight placed on the seat effects a clamping action between the pins and the bars to firmly and positively retain the scaffold in place on a window sill.

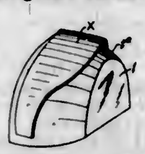
2,126,219
BURIAL VAULT COVER
Joseph Schulz, Newark, N. J., assignor to Fred J. Mead and Margaret M. Mead, Orange, N. J., a partnership
Application August 15, 1936, Serial No. 96,131
3 Claims. (Cl. 72—7)



1. In a reinforced concrete burial vault cover, a metal frame of flexible material having inwardly struck-out portions and substantially straight metal rods of equal lengths across said frame having bent ends, said bent ends entering into said struck out portions from above whereby the sides of said frame are held at fixed distances apart.

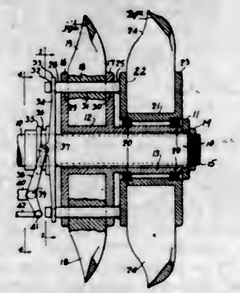
2,126,220
METHOD OF MAKING AN INFLATABLE BALL EQUIPPED WITH AN OUTER COVER
Mason Scudder, St. Louis, Mo., assignor to Rawlings Manufacturing Company, St. Louis, Mo., a corporation of Missouri
Original application January 27, 1937, Serial No. 122,540. Divided and this application April 26, 1937, Serial No. 139,013
4 Claims. (Cl. 154—16)

1. A method of making an inflatable ball equipped with an outer cover, characterized by first cutting out a plurality of flat leather sections, then molding said sections prior to combining them or arranging them in final assembled relationship, so as to impart a transverse and longitudinal curvature to each section without however destroying the flexibility of same, and



then applying said sections to a flexible shell that encases an inflated bladder and securing the sections to said shell by an adhesive, with the peripheral edges of said sections in abutting relationship.

2,126,221
AIRCRAFT PROPELLER UNIT
John W. Sessums, Fairfield, Ohio
Application November 25, 1936, Serial No. 112,669
3 Claims. (Cl. 170—165)



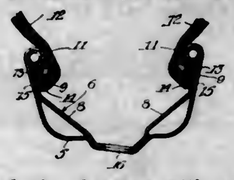
1. In an aircraft propeller unit, power-driven means, a plurality of propellers, means for operatively connecting one of said propellers to said power-driven means, and means for selectively connecting and disconnecting the other of said propellers relatively to said power-driven means for power-driven or relatively free rotation respectively, one of said propellers having associated therewith a plurality of arcuate projections with inclined portions and the other of said propellers having an element movable into engagement with said projections.

2,126,222
METAL WHEEL RIM
Frank W. Schwinn, Chicago, Ill.
Application July 8, 1936, Serial No. 89,621
2 Claims. (Cl. 301—97)



1. A wheel rim comprising separate metal channel-like radially inner and radially outer sections the circumferential lapping edge portions of the side walls thereof being bent upon themselves to form inwardly-extending beads securing said sections together, the radially outer one of said sections having inwardly offset substantially radial portions adjacent said beads, and substantially flush with the inner surfaces of said beads to engage the side-surfaces of a straight side tire applied to the rim.

2,126,223
METAL WHEEL RIM
Frank W. Schwinn, Chicago, Ill.
Application December 22, 1937, Serial No. 181,218
4 Claims. (Cl. 301—97)



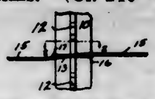
1. A wheel rim for use with a tire having clincher beads and straight side portions comprising separate nested channel-like sections secured together adjacent the circumferential edge portions of their side walls and presenting along the inner surface of the rim channel substantially radially disposed side portions terminating in inwardly extending beads, said beads adapted for interlock with the clincher portions of the tire and said side portions serving as abutments for the straight side portions of the tire.

2,126,224
TRAFFIC BUTTON
John W. Shaffer and Ralph T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company, a corporation of Minnesota
Application September 16, 1936, Serial No. 101,096
6 Claims. (Cl. 88—79)



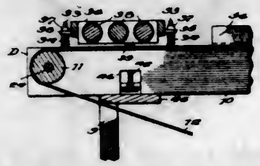
1. A traffic button having a central body portion and a pair of road attaching portions arranged on opposite sides of and each connected to but spaced from said body portion to define a transversely disposed passage, said attaching portions each being connected to said body portion solely by a pair of transversely spaced arched members bridging said passage and defining a longitudinally disposed recess therebetween which intersects the passage formed by the spacing between said central body portion and said attaching portions, and light reflecting means disposed on opposite sides of said body portion and arranged between each pair of said arched members, said passages each extending in substantially a straight line across said button immediately in front of said light reflecting means and opening outwardly on each side of said button.

2,126,225
STAPLE CLINCHER FOR STEEL FENCES
Glenn Simons, Larrabee, Iowa
Application February 5, 1937, Serial No. 124,335
6 Claims. (Cl. 140—55)



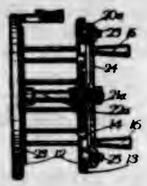
1. A staple clinching tool for steel fences comprising a rigid handle including means for engaging a post, a retractile handle pivoted thereto including a slidable link pivoted thereto, said link including a bent over extension adapted to clinch an extended staple end to the post, said engaging means including pairs of opposed arcuate members for engaging the post edges and straddling the staple and wire fence member.

2,126,226
SANDWICH BUN SLICER
Benjamin Franklin Smith, Walter Edison Smith, and Wayne Clayton Broyles, Fort Smith, Ark.
Application August 21, 1934, Serial No. 740,824
2 Claims. (Cl. 146—151)



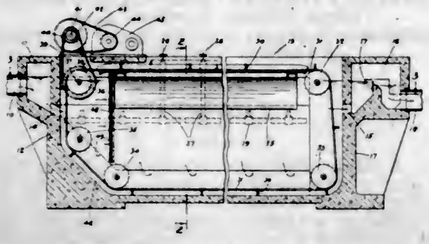
1. In a sandwich bun slicing machine, a conveyor, a halving knife extending horizontally across the conveyor, a presser roll immediately in advance of said knife, and a presser roll immediately behind said knife, said rolls being spaced apart slightly directly above the knife.

2,126,227
FISHING REEL AND WINDING GEAR GENERALLY
Walter Stanley, Kidderminster, England
Application February 27, 1936, Serial No. 66,102
In Great Britain March 7, 1935
7 Claims. (Cl. 242—84.5)



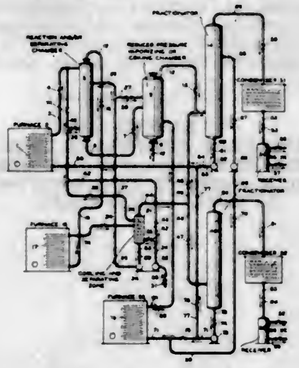
1. A fishing reel comprising a spool, means rotatively supporting the spool, the spool having a face near its outer edge, said face being perpendicular to the spool axis, winding means for the spool frictionally engaging said face, and means mounted on the spool for adjusting the pressure of said winding means on said face, said adjusting means being in the form of an annulus having screw-threaded engagement with the spool.

2,126,228
ACTIVATED SLUDGE PURIFICATION OF SEWAGE AND OTHER LIQUIDS
Philip B. Streander, Maplewood, N. J., assignor to Municipal Sanitary Service Corporation, New York, N. Y., a corporation of New York
Application August 27, 1936, Serial No. 98,118
6 Claims. (Cl. 210—8)



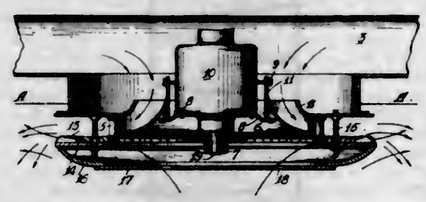
1. In a purification system, a tank having an inlet at one end wall and an outlet at the other end wall, aeration means acting on liquid passing through said tank, and means for moving all of the settled activated sludge back along the bottom of the tank to its inlet end and up the surface of the inlet end wall to the inlet for mixture with the influent liquid.

2,126,229
CONVERSION OF HYDROCARBON OILS
Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application February 15, 1937, Serial No. 125,800
13 Claims. (Cl. 196—48)



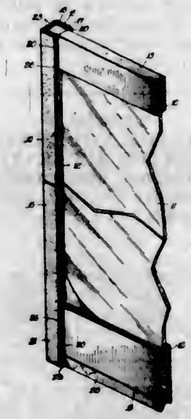
1. In a process for the pyrolytic conversion of hydrocarbon oils, wherein an oil of relatively high-boiling characteristics recovered from within the system as later described, is cracked at cracking temperature and superatmospheric pressure in a heating coil, the heated products introduced into an enlarged separating chamber also maintained at superatmospheric pressure, wherein separation of vaporous and liquid conversion products is accomplished, said liquid products supplied to a zone of substantially reduced pressure wherein their appreciable further vaporization is effected, the resultant evolved vapors subjected to fractionation for the formation of reflux condensate, fractionated vapors of the desired end-boiling point condensed, the resulting distillate recovered and reflux condensate formed by said fractionation supplied, as said oil of relatively high-boiling characteristics, to the heating coil for cracking, the improvement which comprises separately removing vaporous products from said enlarged separating zone, cracking the same in a separate heating coil maintained at higher temperature than that employed in the first mentioned heating coil, passing the resultant highly heated products in indirect heat exchange with hydrocarbon oil charging stock for the process, whereby to heat the charging stock sufficiently to effect substantial vaporization thereof and whereby to cool said heated products sufficiently to prevent their excessive further cracking and to remove therefrom, as condensate, undesirable high-boiling components, supplying the thus heated charging stock and said condensate to said enlarged separating zone, subjecting the components of said heated products which remain uncondensed by said heat exchange to fractionation for the formation of reflux condensate and to recover therefrom desirable low-boiling components, subjecting reflux condensate formed by said fractionation of the last mentioned vapors to further cracking in another separate heating coil, and introducing resultant highly heated products into the said zone of substantially reduced pressure.

2,126,230
DISTRIBUTING MEANS
Edgar R. Troxell, Jr., Bronxville, N. Y., assignor of one-half to Ralph P. Clarkson, New Rochelle, N. Y.
Application August 18, 1934, Serial No. 740,461
3 Claims. (Cl. 98—39)



1. In combination, a supply duct provided with a plurality of openings, a distributing head adjacent to each opening, each said head comprising an open centrifugal type suction fan having substantially free discharge of air all around its periphery, air intake means communicating with said duct on one face only of said fan, the other face of said fan being sealed whereby only duct air can pass through said fan when said fan is operating, a motor operatively connected to drive said fan, means included in the structure of each head providing an admixture of air from the space served with the discharge of duct air from said fan, and means so constructed and arranged that change in the discharge of one of said distributing heads by reason of the stoppage of another of said heads and the leakage of space air back through said stopped head, is obviated.

2,126,231
SASH CONSTRUCTION
Christian M. Verhagen, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill., a corporation of Illinois
Application January 15, 1937, Serial No. 120,763
5 Claims. (Cl. 189—76)

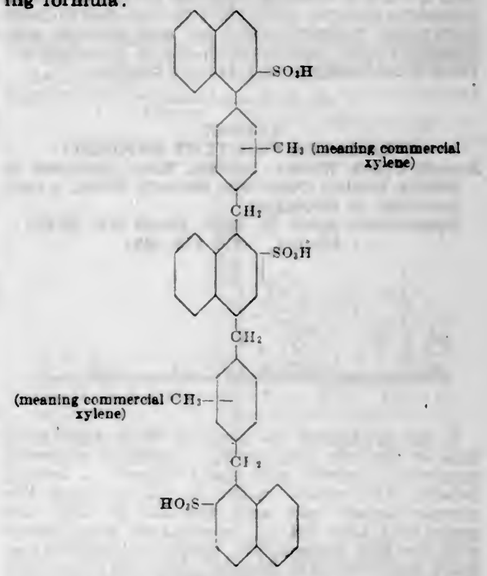


1. In a sash, a grooved side rail consisting of two metal channel strips which are nested together, and a cushioning strip which is positioned about the back and sides of the outer metal strip with its edges clamped between the sides of the outer metal strip and the sides of the inner metal strip.

2,126,232
DIARYL METHANE WATER-SOLUBLE CONDENSATION PRODUCTS
Arthur Voss, Frankfort-on-the-Main-Hoechst, and Heinrich Janz, Bad Soden in Taunus, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application February 9, 1937, Serial No. 124,920. In Germany February 21, 1936
4 Claims. (Cl. 260—505)

1. The condensation products of aromatic compounds containing more than one halogen-methyl group with aromatic compounds, said condensation products containing at least one sulfonic acid group and being in form of the free acids or their alkali metal salts water-soluble tanning agents, wetting agents and dispersing agents.

2. As new products the products of the following formula:



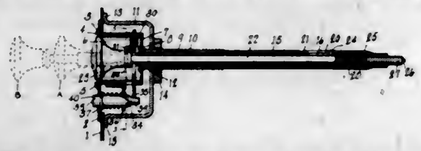
2,126,233
LUMINESCENT COMPOSITION AND METHOD OF MAKING THE SAME
Alfred Wakenhut, Seelze, near Hanover, Germany, assignor to J. D. Riedel-E. de Haën A.-G., Berlin-Britz, Germany
No Drawing. Application July 17, 1934, Serial No. 735,721. In Germany July 22, 1933
5 Claims. (Cl. 134—47)

5. The method of producing a luminescent composition yielding a daylight shade, comprising calcining a mixture of approximately 73% zinc sulfide and approximately 27% cadmium sulfide so as to cause crystallization thereof, such mixture containing silver and copper compounds in amounts less than 0.01% of said sulfides.

2,126,234
REMOTE CONTROL DEVICE
Herman Weber, Kalamazoo, Mich., assignor to Shakespeare Products Company, Kalamazoo, Mich.
Application August 9, 1937. Serial No. 158,165
9 Claims. (Cl. 74—502)

1. In a control device, the combination of a tubular support member provided with a longi-

tudinal slot having portions thereof angularly offset relative to one another and connected by an angled portion, a housing at the front end of said support member, a tubular actuating member slidable within said support and provided with a bayonet slot disposed with an offset end forwardly, a plunger slidable and rotatable within said actuating member and provided with a pin



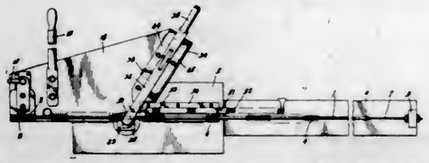
engaging said slots in said actuating and support members, said pin and bayonet slot providing a lost motion connection between said plunger and said actuating member, a spring arranged in said actuating member and acting to urge said plunger outwardly, a finger piece for said plunger collapsible within said housing, and a latch for retaining said plunger in retracted position.

2,126,235

APPARATUS FOR TUBE BENDING

Joseph Frank Wesley, Detroit, Mich., assignor to Bundy Tubing Company, Detroit, Mich., a corporation of Michigan

Application April 18, 1936, Serial No. 75,153
5 Claims. (Cl. 153—40)



5. An apparatus for bending stock such as a tube or the like comprising, a rockably mounted support, a former part fixed thereto, a second former part, means on the support carrying the second former part and operable to shift the same into and out of cooperating relationship with the first former part, means for holding the stock adjacent said former parts, clamp means on the support for gripping the stock so that the stock is pulled lengthwise and bent around the former parts upon rocking movement of the support, and a projection on the support spaced from the former parts and adapted to be received in the bight portion of a bend in the stock, whereby in bending operations subsequent to the first, the stock is pulled lengthwise by the projection and bent around the former parts upon rocking movement of the support.

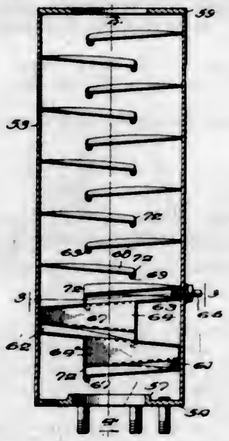
2,126,236

SEPARATOR

Charles J. Westin, Philadelphia, Pa., assignor to F. J. Stokes Machine Company, a corporation of Pennsylvania

Original application May 28, 1934, Serial No. 728,006. Divided and this application July 11, 1936, Serial No. 90,198
2 Claims. (Cl. 183—94)

1. In a separator construction, a casing having inlet and outlet ports, a plurality of hollow baffle plates arranged within said casing and extending alternately from opposite sides of said casing past the middle thereof, means for circulating cooling fluid through said hollow plates, and gutters arranged on the front edges of said plates for collecting condensate from the bottom surface



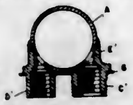
of the plates and conducting the same to the side walls of said casing.

2,126,237

METHOD OF MAKING HYDRAULIC CYLINDERS

John William White, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application January 27, 1936, Serial No. 61,081
7 Claims. (Cl. 29—152.1)



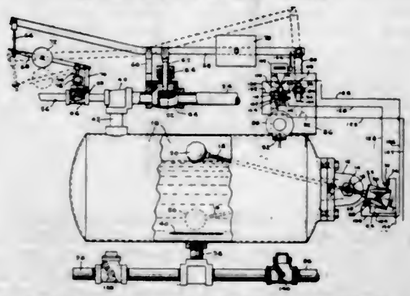
1. The method of forming hydraulic cylinders comprising, cutting a cylinder tube to the desired length, separately forming and machining a nipple with an arcuate surface corresponding in radius to the outer surface of said tube, tacking said nipple to said tube, then integrating the same to each other and aperturing said tube in registration with said nipple.

2,126,238

CONTROL SYSTEM FOR ELECTRICALLY OPERATED APPARATUS

Willis L. Whitson, Minneapolis, Minn.

Application December 20, 1935, Serial No. 55,458
5 Claims. (Cl. 172—239)



1. In a device of the character described, the combination of a first switch and a second switch,

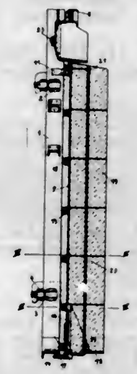
means for closing said switches in alternation; electrical operating means, a wire connection extending between said operating means and an electrical supply system, a reciprocating driven element adapted to be reciprocated by said operating means, a two-circuit switch having two pairs of terminals, means associated with said operating means for completing a circuit through said pairs of terminals in alternation, a wire connection extending between one of the terminals of said first pair and said operating means and also one of the terminals of the second pair, a wire connection extending between the other terminal of the first pair and one side of said second switch, a wire connection extending between the other terminal of the second pair and one side of the first switch, and a wire connection extending between the other side of the first switch and the other side of the second switch and also the electrical supply system.

2,126,239

DOOR FOR HORIZONTAL OVEN CHAMBERS

Wilhelm Beimann, Bochum, Germany; Elizabeth Beimann administratrix of said Wilhelm Beimann, deceased, assignor to Dr. C. Otto & Company, G. m. b. H., Bochum, Germany, a German company

Application January 20, 1934, Serial No. 707,454
In Germany January 7, 1933
10 Claims. (Cl. 202—248)



1. A door for an oven producing coke or gas, consisting of an outer door section comprising a rigid door plate, and a refractory liner carried by a holder connected to said door plate, said plate having at the rim thereof a packing frame in the form of a blade which is connected to the door by a resilient metal web and bears with its edge against the door frame and said web being connected to said plate by clamping it between said plate and holder.

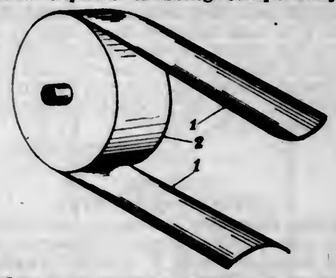
2,126,240

BAND CONVEYER

Carl Erland Bergh, Langshyttan, Sweden

Application December 24, 1935, Serial No. 55,943
In Sweden September 29, 1932
2 Claims. (Cl. 198—201)

1. A band conveyer comprising an actively resilient steel conveyer band running over break rollers which is inherently exteriorly concave in cross section so as to automatically form a shallow trough in unrestrained condition between the rollers and capable of being temporarily com-



pletely flattened in cross section upon running over a break roller.

2,126,241

JAR

Millard S. Black, Huntington Park, Calif., assignor, by mesne assignments, to James A. Kammerdiner, Los Angeles, Calif.

Application December 17, 1934, Serial No. 757,845
7 Claims. (Cl. 255—27)



1. In a jar which is adapted to have tensile strain exerted thereon, an anvil, a hammer spaced from the anvil, means for releasably holding the hammer against movement toward the anvil, a spring adapted for compression while the hammer is so held, the compressed spring being adapted to drive the released hammer against the anvil for delivering a jarring blow, a spring yieldable responsive to tensile strain on the jar for releasing the holding means, and means for maintaining the jar under tensile strain during delivery of the jarring blow.

2,126,242

MANUFACTURE OF VARNISH BASE RESIN

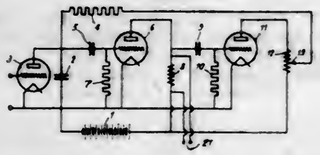
Maurice John Bonham, Elkins Park, Pa., assignor to McCloskey Varnish Company, Holmesburg Junction, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application June 19, 1935, Serial No. 27,458
4 Claims. (Cl. 260—8)

1. In the manufacture of resinous condensation products useful as varnish bases, from monoglyceryl tungate and phthalic acid by reacting said tungate with said acid, the improvement which comprises blending an ester gum with said tungate prior to reacting with phthalic acid, the

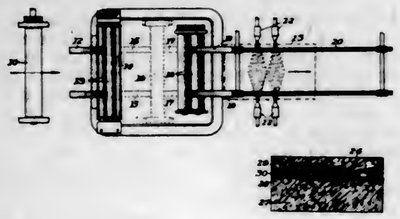
said blending being effected by heating the said ester gum and said tungate until a clear solution is obtained and the said ester gum being so blended with said tungate in a ratio of at least 120 parts by weight of ester gum to 100 parts of the tungate, the amount of ester gum being sufficient, upon subsequent reaction of the mixture with phthalic acid to produce a clear homogeneous soluble resin.

2,126,243
SWEEP CIRCUITS
Ernst Busse, Hamburg, Germany, and Jan van der Mark and Adolph Venis, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands, a corporation of the Netherlands
Application May 2, 1936, Serial No. 77,646
In the Netherlands April 18, 1935
17 Claims. (Cl. 250—36)



1. A sweep oscillator comprising a source of voltage, a condenser, a resistance, an impedance, means to connect all of said elements in series, and feedback means to vary the potential drop across only the impedance as a function of the stored energy of the condenser.

2,126,244
METAL COATED PRODUCT
Nelson E. Cook, Wheeling, W. Va., Edward J. Knopf, Morristown, Ohio, and William L. Diehl, Wheeling, W. Va., assignors to Wheeling Steel Corporation, Wheeling, W. Va., a corporation of Delaware
Application December 13, 1935, Serial No. 54,278
2 Claims. (Cl. 29—181)



2. A metal coated sheet metal product comprising a ferrous sheet metal base with a zinciferous coating on both of the opposed faces thereof, said product having on one of said faces a layer comprising iron-zinc alloy next the base and a layer at the surface thereof which is predominantly zinc and approaches in composition substantially pure zinc with a fairly well defined line of demarkation between said layers, such surface being characterized by the absence of crystals readily distinguishable by the naked eye and by a uniform homogeneous dull matte texture and being highly resistant to corrosion and readily receptive to finish coatings such as paint, said product having on the other of said faces a spangled galvanized finish.

2,126,245
DISK SCALING GAME
Walter A. Darby, Great Neck, N. Y.
Application July 29, 1937, Serial No. 156,306
2 Claims. (Cl. 273—106)

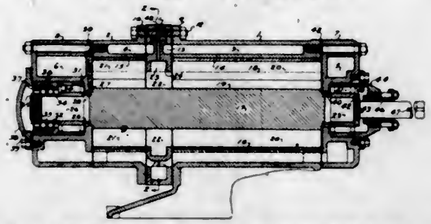


1. A disk device for use in playing a disk scaling game comprising a concave shaped disk formed with a flat top surface, said top surface being joined to a plurality of circumferential stepped portions with the lower stepped portion terminating in a circumferentially disposed flat surface having a rolled over edge portion.

2,126,246
METALLIC ARTICLE
Louis S. Deitz, Jr., Westfield, N. J., and Hanley H. Weiser, Annadale, N. Y., assignors to Nassau Smelting and Refining Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application January 7, 1938, Serial No. 183,833
3 Claims. (Cl. 75—155)

1. Cast metal articles having elongations before rupture under tensile stress of upwards of 40%, and made of an alloy consisting of silicon 2.75% to 3.50%, zinc 0.75% to 1.45%, and the balance substantially all copper.

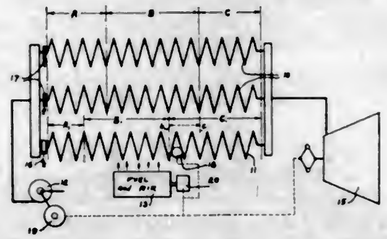
2,126,247
AIR COMPRESSOR
Walter P. Eppers, Catasauqua, Pa., assignor to Fuller Company, Catasauqua, Pa., a corporation of Delaware
Application March 17, 1937, Serial No. 131,297
10 Claims. (Cl. 230—158)



1. A two-stage rotary air compressor of the multi-vane type comprising the combination of a water-jacketed casing formed of two sections having generally cylindrical bores enclosing respectively a low and a high pressure stage, cylinder heads closing the casing at opposite ends of the bores, a single rotor arranged eccentrically within the bores and provided with vane-slots extending throughout the length of the rotor, a division wall between the sections having a bore closely surrounding and concentric to the rotor, means in the slots and surrounded by the wall to prevent substantial flow of air from the high to the low pressure stage, the rotor being provided with trunnion shafts, and bearings in each cylinder head to support the shafts.

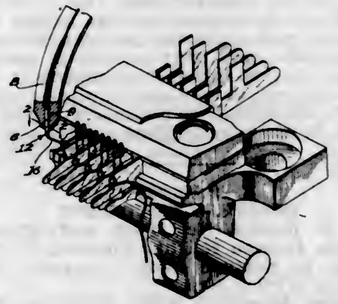
2,126,248
STEAM GENERATOR WITH FORCED PASSAGE OF THE OPERATING MEDIUM
Martin Eule, Berlin-Spandau, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application March 12, 1937, Serial No. 130,477
In Germany November 23, 1934
3 Claims. (Cl. 122—448)

1. In a steam generator, a plurality of parallel-connected tubes, means for supplying feedwater as working medium and heat to the tubes so that the working medium is preheated, vaporized and superheated in successive zones; means providing for offsetting of said zones in one tube with respect to the zones of the remaining tubes, so that said first tube constitutes a measuring tube,



whereby the measuring tube has a region of variable temperature which partially overlaps the evaporation zone of said remaining tubes; and means for deriving a temperature impulse from said overlapping region of the measuring tube and for utilizing the impulse to control said supply means.

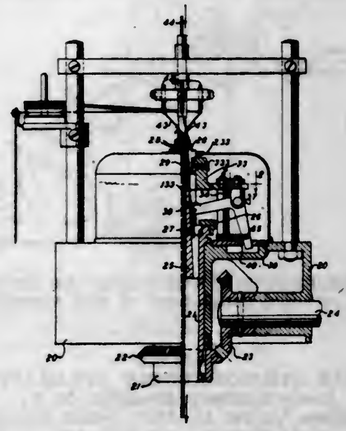
2,126,249
YARN CARRIER
Ernest A. Feustel, Hasbrouck Heights, N. J.
Application December 24, 1937, Serial No. 181,655
1 Claim. (Cl. 66—126)



In a full-fashioned hosiery knitting machine, an integral composite yarn carrier tube having an annular platinum-iridium lip, having a curved yarn-contact surface, said annular lip being fused to the body of the yarn carrier tube through a third metal different from that of which the body is formed and also different from that of which the lip is formed.

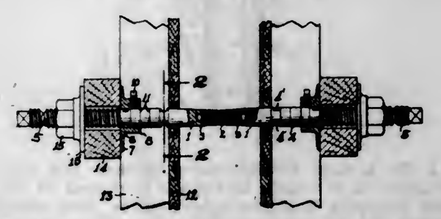
2,126,250
APPARATUS FOR HANDLING STRANDS
Ben K. Ford, Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application October 9, 1936, Serial No. 104,774
4 Claims. (Cl. 66—9)

1. In an apparatus for knitting a tubular covering on a core, a stationary base member, a needle carrier rotatably mounted therein, an annularly disposed plurality of needles mounted in the carrier to be reciprocable individually therein and rotatable collectively therewith, stationary means mounted on the base member to supply a plurality of strands to the needles to be knitted thereby, cam means stationarily mounted on the base, and means mounted on the needle carrier to effect reciprocation of the needles by the cam means and comprising a plurality of substantially



right-angled bell crank levers each having one arm engaged by the cam means and the other arm engaging one of the needles.

2,126,251
FORM CLAMP
George O. Gaetke, San Francisco, Calif.
Application February 8, 1937, Serial No. 124,647
4 Claims. (Cl. 25—131)

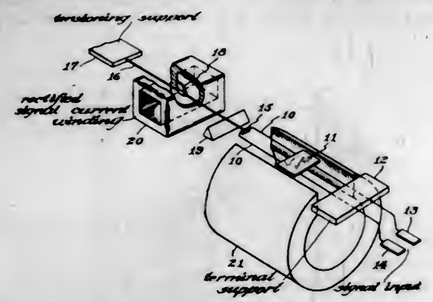


1. In a form clamp, a plurality of joined tension rods each having one or more pairs of opposed slots, a spacer element detachably mounted on each tension rod, the said spacer elements each having a flanged end portion and a hub portion, also an axial bore within which its associated tension rod slidably fits and also aligned slots in the flanged end and in the hub which the slotted portion of the rod and its adjacent part respectively pass through when the spacer element is attached to or detached from the rod, the said slot in the flanged end being narrower than the diameter of the said bore; means associated with each spacer element for securing it to its respective tension rod, and lock nuts on the free ends of the rods.

2,126,252
STRING GALVANOMETER
Erwin Gerlach, Berlin-Siemensstadt, Germany, assignor to Klangfilm G. m. b. H., Berlin, Germany, a corporation of Germany
Application August 6, 1935, Serial No. 34,930
In Germany October 5, 1934
3 Claims. (Cl. 171—95)

1. A galvanometer including means movable in accordance with vibrations to be measured, a

support for said means, and means operable to



shift the position of said support in accordance with a rectified component of said vibrations.

2,126,253

HAIR STRAIGHTENING APPARATUS

Louis Goldberg, Brooklyn, N. Y.

Application August 11, 1937, Serial No. 158,453

14 Claims. (Cl. 132—36)



1. In a hair straightening device, the combination of a clamp to engage a strand of hair near its roots, a frame supported on said clamp, means for gripping the tip ends of the strand, means for supporting the gripping means on the frame, and a bar over which the strand may be optionally drawn.

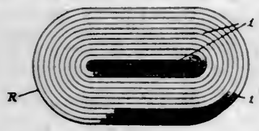
2,126,254

RUG AND METHOD OF MAKING THE SAME

Ernest E. Gowell, South Portland, Maine

Application December 23, 1936, Serial No. 117,373

4 Claims. (Cl. 28—1)



1. A method of constructing a rug embodying the use of a flexible, cord-like element adapted to be wound upon itself to eventually form a rug of a predetermined shape and size, machine stitching the adjacent convolutions of said cord-like element to mutually secure them, said winding and said stitching operations proceeding simultaneously with the stitching being done on one face only of the rug.

2,126,255

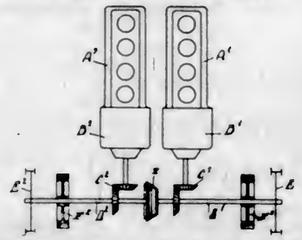
VEHICLE DRIVE

Oskar H. Hacker, Steyr, Austria

Application June 14, 1935, Serial No. 26,654

In Germany June 15, 1934

4 Claims. (Cl. 180—9.2)



1. A vehicle drive particularly suitable for use in vehicles of the multiple-wheel and Caterpillar types, comprising separate propelling means provided on either side of the vehicle, two driving engines each arranged for driving one of said propelling means, a plurality of hydraulic turbine gears each arranged for transmitting power from one of said engines to the propelling means correlated therewith, a plurality of hydraulic reverse gears each arranged for acting on one of said propelling means, a plurality of brakes each arranged for acting independently on one of said propelling means, a clutch adapted to connect and disengage the propelling means on either side of the vehicle, a single steering means and means associated therewith and adapted, during rotation of said steering means through 180° in either direction from its medium position, to first disengage said clutch, to thereafter influence the hydraulic turbine gear corresponding to the direction of rotation of said steering means up to full stop of said gear, to then operate the corresponding brake and to finally disengage said brake and to throw in the corresponding reverse gear.

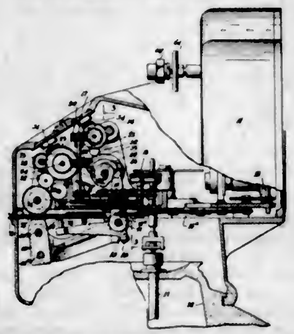
2,126,256

DELIVERY RECORDER

Charles S. Hazard, New York, and William L. Marden, Jackson Heights, Flushing, N. Y., assignors to Neptune Meter Company, a corporation of New Jersey

Application August 15, 1934, Serial No. 739,876

13 Claims. (Cl. 234—2)



1. In a recorder having a printing device, including a platen and a printing wheel for printing a record ticket placed in registration therewith on a support, the combination of an operating member, means operable by said member to reset said printing wheel to its zero position, means responsive to said operation of the member for locking said ticket in printing position on the support, and means responsive to a further operation of said member, subsequent to resetting of said wheel, for effecting cooperation between said platen and wheel to print said ticket.

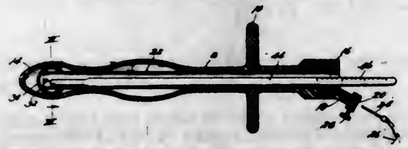
2,126,257

ELECTROMEDICAL INSTRUMENT

Frank E. Hird, Kansas City, Mo., assignor of one-half to Elizabeth Kauffman, Kansas City, Mo.

Application December 26, 1935, Serial No. 56,213

4 Claims. (Cl. 128—303.11)



1. An electromedical instrument of the character described comprising a tubular body of electrical current insulating material; a nipple of like material in screw-threaded engagement with and closing one end of the said body; an apertured, metallic, hollow, spherical electrode within the body adjacent the nipple; and a metallic tube extending from within the said electrode through the said aperture to the other end of said body, said spherical electrode being removably secured to said tube for convenient replacement when the said nipple is detached.
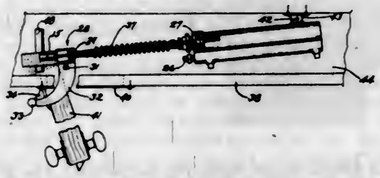
2,126,258

DOOR CLOSER AND CHECK

James W. Holman, Oklahoma City, Okla.

Application March 30, 1937, Serial No. 133,785

6 Claims. (Cl. 16—57)



1. A door closer and check comprising: a cylinder; a hollow piston having a valve seat surrounding an opening in one of its ends, and slidable within the cylinder; a piston rod extending within and without the cylinder, its interior end forming a valve for seating on said seat; a coil spring within the piston normally urging said valve to remain seated; through ports in the other end of the piston; a bypass affording communication between opposite ends of the cylinder around said piston; a door closing arm adjustably mounted on the exterior end of said piston rod, its point of connection to the door being offset with relation to the axis of said cylinder and piston rod; and a coil spring adjustably connected exteriorly to said cylinder and said door closing arm for urging said arm and said rod toward the far end of said cylinder.

2,126,259

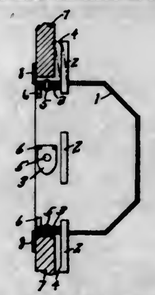
OUTLET BOX

Ivor Howells, Girard, and Edmund L. Howells, Canton, Ohio

Application June 24, 1937, Serial No. 150,122

2 Claims. (Cl. 247—21)

1. The combination of an outlet box and a pair of clamping members, each of which comprises a slidable clamping arm and an eccentric locking member, said eccentric locking member adapted to engage and lock the said clamping arm once the arm has been moved into locking position in



relation to the said outlet box, said eccentric formed with a pair of up-turned ends to provide means of operating the said eccentric, substantially as described.

2,126,260

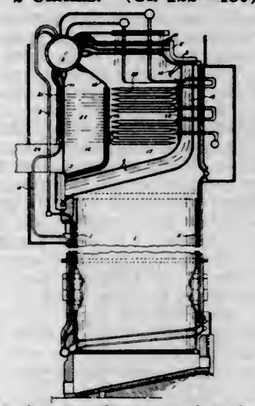
SUPERHEATER BOILER

George P. Jackson, Flushing, N. Y., assignor to Combustion Engineering Company, Inc., New York, N. Y.

Application November 20, 1935, Serial No. 50,642

In Great Britain December 10, 1934

2 Claims. (Cl. 122—480)



2. In a boiler; a furnace chamber; a superheater above said chamber; baffle means disposed substantially vertically at one side of said superheater and spaced from one side of the boiler to form a by-pass for gases to flow from said chamber to the boiler offtake without contacting the superheater; rows of generating tubes extending across the furnace chamber below said superheater and having portions thereof extending upwardly through said by-pass and the heat-absorbing surfaces of which are so related to the heat absorbing surfaces of the superheater and of the tube portions below the latter that gases flowing through the by-pass are cooled to substantially the same extent as those flowing over the superheater.

2,126,261

METHOD OF TREATING FUR

Jenny Jacobs, New York, N. Y.

No Drawing. Application July 15, 1937, Serial No. 153,759

4 Claims. (Cl. 149—28)

1. A method of fur treatment which consists in working a comminuted, relatively soft, solid

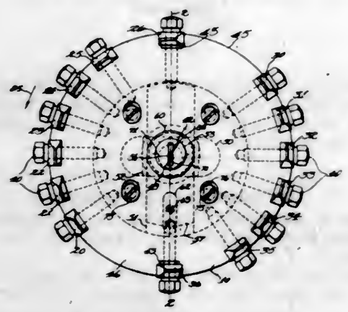
fibrous material through the fur by manually combing said material into and through the fur, said material being impregnated with a hide softening, a pest control and glaze coating agents.

2,126,262

CUTTER FOR AND METHOD OF CUTTING GEARS

Magnus H. Johanson, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York

Application May 16, 1936, Serial No. 80,209
15 Claims. (Cl. 29—105)



1. A face-mill gear cutter for cutting gears by continuous rotation of the cutter and intermittent step-by-step indexing of the gear being cut comprising a rotary head and a plurality of cutting blades which are arranged around the periphery of the head to project beyond one side face of the head in the general direction of the axis of the head, said blades having cutting edges of substantially uniform height whose outer ends lie in a plane perpendicular to the axis of the cutter and being arranged in two groups, the blades of one group being sharpened to cut one side of a tooth space of a gear blank and the blades of the other group being sharpened to cut the opposite side of said tooth space, and there being a gap between the last blade of one group and the first blade of the other group so that when said gap is abreast of the gear blank, the blank may be indexed without relative withdrawal of the blank from engagement with the cutter.

2,126,263

SELF-ADJUSTING CLASP FOR WRIST WATCH BRACELETS AND THE LIKE

Charles H. Kestenman, Providence, R. I., assignor to Kestenman Bros. Mfg. Co., Providence, R. I., a corporation of Rhode Island

Application June 26, 1935, Serial No. 28,526
10 Claims. (Cl. 24—71)

8. A clasping device of the type indicated comprising a plurality of members foldable into overlying relationship including a cover member having side and end flanges, an extension member slidable on the cover member between the side flanges, a housing on the extension member having an opening in its end, a latching member having an abutment located within the housing for engaging the end wall thereof and a pawl extending outwardly through the opening in the housing, said pawl having a forked end, a ratchet on one of the foldable members, and a spring within the housing for normally holding the abutment on the latching member in engagement with the end wall of the housing but yielding to permit relative movement of the extension member with respect to the latching member, one of the ends of said pawl engaging the ratchet to hold the extension member in adjusted position on



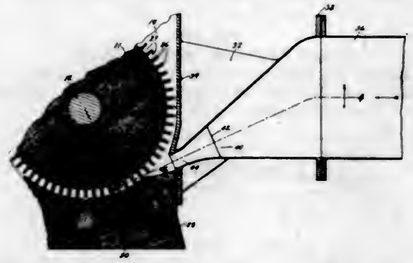
the cover member and the other end being adapted to engage the end flange of the cover member to limit the outward movement of the extension member with respect to the housing.

2,126,264

MACHINE FOR REFINING PAPER STOCK

William V. Knoll, Dayton, Ohio, assignor to Mid-West-Fulton Machine Company, Dayton, Ohio

Application July 8, 1936, Serial No. 89,586
3 Claims. (Cl. 92—24)



1. In paper stock refining apparatus, the combination of a horizontal beater roll, a bedplate, a nozzle structure for directing separate streams of stock under high velocity tangentially against the blades at the edge of the bedplate, said nozzle structure comprising a large main nozzle portion the opening of which decreases in vertical dimension and increases in horizontal dimension as it approaches the roll, and a series of wedge shaped partitions in the large nozzle opening dividing said opening into a series of smaller nozzles tapering in both horizontal and vertical dimensions toward said roll.

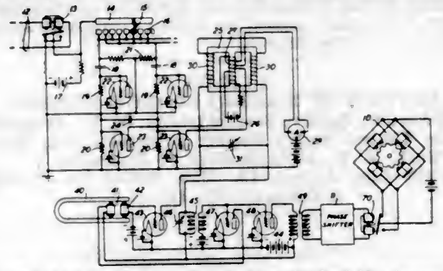
2,126,265

PHASING AND SYNCHRONIZING OF SIGNALING APPARATUS

William A. Knoop, Hempstead, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Continuation of application Serial No. 430,515, February 24, 1930. This application April 7, 1937, Serial No. 135,385
27 Claims. (Cl. 172—293)

1. In a motor synchronizing system, a motor, an incoming line, periodically oscillating means for generating current for driving said motor of a frequency determined by unit length of signaling impulses incoming over said line, and means for shifting the phase of the generated current after generation thereof for driving the motor,



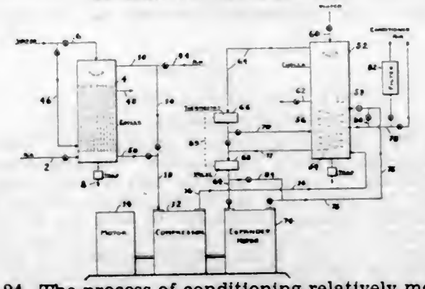
said means operating under control of the incoming impulses.

2,126,266

METHOD OF AIR CONDITIONING

Wilbur G. Laird, Pleasantville, N. Y.

Application November 14, 1934, Serial No. 753,047
28 Claims. (Cl. 62—176)



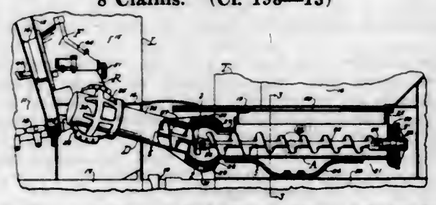
24. The process of conditioning relatively moist air, which comprises compressing the air to be conditioned, thereafter cooling the air under pressure to approximately atmospheric temperature, expanding the resulting cooled air to approximately atmospheric pressure and conducting it to the point of use, and controlling the pressure to which the air is compressed in accordance with the temperature of the air after being cooled and prior to its expansion thereby regulating the proportion of moisture left in the air.

2,126,267

LOCOMOTIVE FUEL CONVEYER

Henry E. Lippert, Pittsburgh, Pa.

Original application April 22, 1935, Serial No. 17,607. Divided and this application March 9, 1937, Serial No. 129,852
8 Claims. (Cl. 198—15)



1. In an intercoupled locomotive and tender, means for transferring fuel from the tender to the locomotive comprising a conveyer member mounted on one of said intercoupled vehicles, a conveyer member mounted on the other of said intercoupled vehicles for movement fore and aft with respect thereto and for movement about an axis extending transversely of such vehicle, and an intermediate conveyer member at one end being universally connected to one of said conveyer members, said intermediate conveyer member at its opposite end being flexibly connected to the other of said conveyer members for lateral movement only with respect thereto.

2,126,268

PRESERVATION OF LATEX

John McGavack, Leonia, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application April 21, 1936, Serial No. 75,625
6 Claims. (Cl. 18—50)

1. Latex containing free ammonia and hydroxylamine in amounts up to .6% of free ammonia and up to .25% of hydroxylamine.

2,126,269

PROCESS FOR TREATING RUBBER AND PRODUCT OBTAINED THEREBY

William E. Messer, Cheshire, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application January 16, 1937, Serial No. 121,017
23 Claims. (Cl. 18—53)

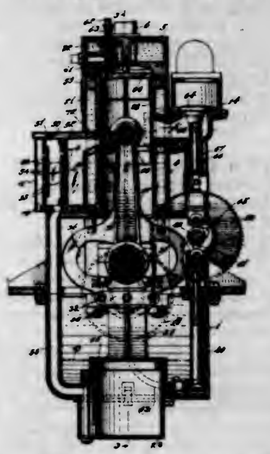
1. A process of producing a vulcanized rubber product which comprises incorporating in rubber a pyrimidine sulfide, the pyrimidine nucleus of which embodies a ring of 4 carbon atoms and 2 nitrogen atoms, one of said 4 ring carbon atoms being intermediate the two ring nitrogen atoms and directly linked to a non-nuclear sulfur atom, at least one of the other 3 nuclear carbon atoms being a carbon atom of a methylene group, and vulcanizing the rubber.

2,126,270

TWO-CYCLE SOLID-FUEL INJECTION SUPERCHARGED ENGINE

Edward Moore, Newark, N. J., assignor of one-half to David Peterson, Newark, N. J.

Application October 28, 1937, Serial No. 171,411
17 Claims. (Cl. 123—56)

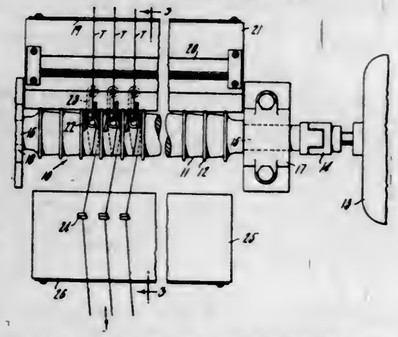


1. In an engine of the class described having a main crank case carrying a crank shaft, a power cylinder having a solid-fluid injection valve therein, with means for passing fuel through the valve at the proper time, and an air compressing cylinder positioned in alignment with the power cylinder on the opposite side of said crank case, a piston for each of said cylinders rigidly connected, one to the other, by a single piston rod, connecting rod means joining the power piston

to said crank shaft, an air chamber carried by the power cylinder which has a port leading into said chamber opened and closed by the power piston, said air chamber being connected by a passageway to said air compressing cylinder and provided with valve means to control the flow of compressed air from said air cylinder into the chamber by way of said passageway, an exhaust chamber carried by said power cylinder which has a port leading into said exhaust chamber, and a valve for opening and closing an exit from said exhaust chamber at the proper time in the firing cycle substantially as described.

2,126,271
APPARATUS FOR EQUALIZING THE TENSION ON A PLURALITY OF THREADS

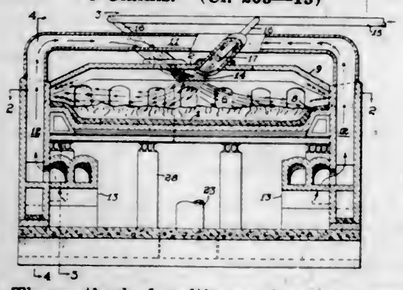
Taylor M. Moran, Montreal, Quebec, Canada, assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application March 26, 1935, Serial No. 13,098
4 Claims. (Cl. 28—35)



1. In an apparatus for equalizing the tension of a plurality of threads, in combination, tapered snubbing drums each having a thread looped thereabout to draw the thread forward from a source of supply and adapted to permit its slippage upon the drum, means for operating the drums at the same speed, whereby the slippage of the threads about the drums and the rate at which the threads are pulled forward by the drums will vary with the tension of the individual threads to equalize their delivery tension.

2,126,272
OPEN HEARTH FURNACE

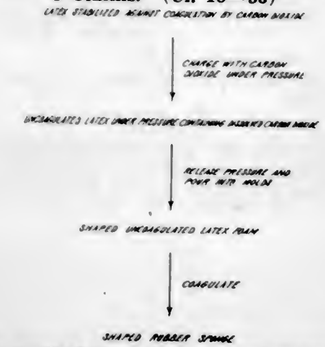
William A. Morton, Mount Lebanon, Pa., assignor to Amco, Incorporated, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 8, 1937, Serial No. 141,444
6 Claims. (Cl. 263—15)



1. The method of melting and refining steel in an open hearth furnace which comprises placing a charge on the hearth structure, directing a plurality of transversely spaced oppositely disposed heating flames toward outlets adjacent the end walls of the furnace and at an inclination downward against the surface of the charge in the furnace, and removing the products of combustion from said respective flames at substantially the level of the charge.

2,126,273
METHOD OF MAKING SPONGE RUBBER

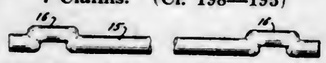
Stewart R. Ogilby, Staten Island, N. Y., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application August 13, 1936, Serial No. 95,843
5 Claims. (Cl. 18—53)



1. The method of making sponge rubber comprising dissolving a gas selected from the group consisting of carbon dioxide and nitrous oxide under pressure in a latex composition which is stabilized against coagulation by said gas at atmospheric and elevated pressure, releasing the pressure on the latex thereby forming a substantially uncoagulated latex foam, converting the foam into the desired shape, and coagulating the latex in the foam to form rubber sponge.

2,126,274
CONVEYER CHAIN

Fred P. Noffsinger and Robert W. Noffsinger, Greeley, Colo.
Application March 29, 1937, Serial No. 133,489
7 Claims. (Cl. 198—195)

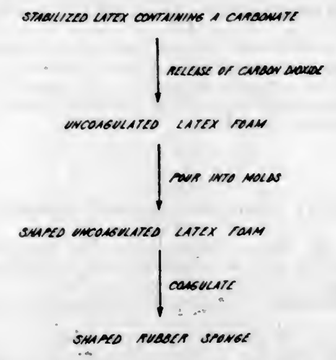


1. A conveyer chain consisting of a series of bifurcated links, the furcations at each side of the bifurcation being turned back upon themselves to form a pair of hooked extremities; a single bar loop at the opposite side of said link in alignment with the bifurcation therein; and an offset bar extending through the hooked extremity of one link, thence extending longitudinally of said chain between the latter hooked extremity and the bar loop of an adjacent link, thence extending laterally of said chain through the latter bar loop, thence returning longitudinally of said chain between said latter bar loop and the other hooked extremity, thence passing through said latter extremity to connect the adjacent links together with said bar separating the hooked extremities from the bar loops thereof.

2,126,275
METHOD OF MAKING SPONGE RUBBER

Stewart R. Ogilby, Staten Island, N. Y., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application July 10, 1936, Serial No. 90,007
8 Claims. (Cl. 18—53)

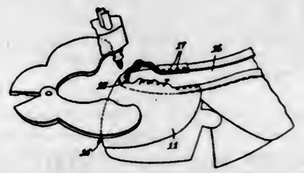
1. The method of making sponge rubber which comprises liberating carbon dioxide from a carbonate in a fluid latex composition to form a substantially uncoagulated latex foam, converting



the foam into the desired shape, and then coagulating the latex in the foam to form rubber sponge.

2,126,276
SHOEMAKING

William M. Page, Marblehead, Mass.
Application May 22, 1936, Serial No. 81,221
4 Claims. (Cl. 12—146)



1. A process of shoemaking which includes the steps of preparing, independently of the shoe, a lined heel pocket having a rolled upper edge with the line of juncture between the lining and outer portion located entirely within the heel pocket, inserting a stiffening piece which extends upwardly above said line of juncture in the heel pocket, lasting the heel pocket with the stiffener piece therein to form an inturned heel seat flange, and then drying to stiffen the heel pocket in the shape of the last.

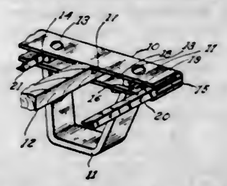
2,126,277
PRODUCTION OF ORGANIC DEODORIZED SOLVENTS

Francis Norman Pickett, London, England, assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 24, 1935, Serial No. 46,529. In Great Britain September 20, 1934
3 Claims. (Cl. 134—17)

1. A method of preparing solvents from vulcanized rubber which consists in subjecting the rubber to dry destructive distillation, adding aluminum chloride to the distillate, fractionally distilling the distillate at about atmospheric pressure and removing the light fractions which are stable to oxidizing agents as rapidly as they are formed, arresting the distillation at about 180° C. where the aluminum chloride is about to volatilize and separating the residue from the aluminum chloride.

2,126,278
ALL-WELDED SKID PLATFORM

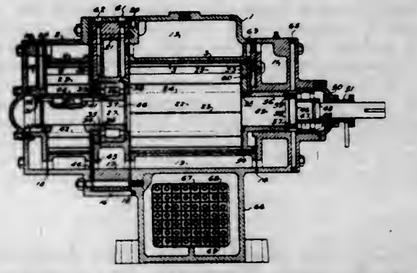
George Quayle, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Co., Stamford, Conn., a corporation of Connecticut
Application August 4, 1934, Serial No. 738,486
3 Claims. (Cl. 248—120)



3. A skid platform comprising a floor made up of a series of transversely extending floor members, a series of legs, metal channel members comprising metal angle bars having their horizontal flanges engaging respectively the upper and underfaces of said floor members, the lower horizontal flanges having openings, portions of said legs extending through said openings and welded to the upper horizontal flanges and to the lower horizontal flanges to hold said channel members in clamping relation to said floor members.

2,126,279
AIR COMPRESSOR

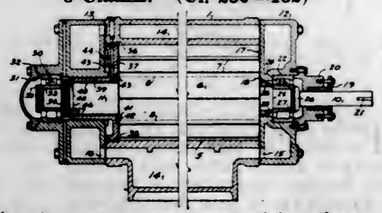
Snowden B. Redfield, Bethlehem, and Herbert S. Lenhart, Allentown, Pa., assignors to Fuller Company, Catasauqua, Pa., a corporation of Delaware
Application March 17, 1937, Serial No. 131,304
4 Claims. (Cl. 230—158)



4. A two-stage rotary air compressor of the class described comprising the combination of a stator casing formed of two sections having generally cylindrical bores enclosing respectively a low and a high pressure stage, cylinder heads closing the casing at opposite ends of the bores, a sealing and bearing assembly between the sections and closing adjacent ends of the bores, the opposite surfaces of the assembly serving as cylinder heads for said stages, a cylindrical low pressure rotor arranged eccentrically in one of said bores, the rotor having trunnion shafts, one of the trunnion shafts being supported for rotation in a radial bearing arranged in the cylinder head closing one end of the bore, the other shaft extending through said assembly and being supported by a thrust bearing arranged in and having an outer race secured to the assembly and an inner race secured to said shaft, the position of the outer race fixing a substantially constant clearance between the low pressure rotor and the adjacent surface of the assembly, a high pressure rotor arranged in the other bore and secured to said shaft, and means to fix the longitudinal position of said high pressure rotor on said shaft

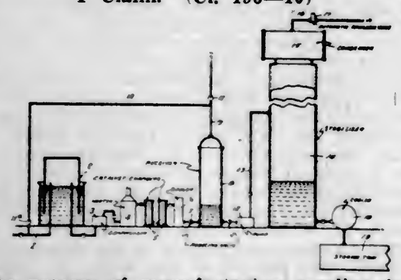
to establish a substantially constant clearance between an end of said high pressure rotor and the other surface of the assembly.

2,126,280
AIR COMPRESSOR
Snowden B. Redfield, Bethlehem, Pa., assignor to Fuller Company, Catasauqua, Pa., a corporation of Delaware
Application March 17, 1937, Serial No. 131,305
8 Claims. (Cl. 230—152)



1. A rotary compressor comprising the combination of a stator casing, having a central bore and an air intake and a discharge port communicating therewith, a rotor within the bore having shafts mounted in bearings in fixed heads closing the casing at each end of the bore, said bearings supporting the entire radial load of the rotor, the casing having a length greater than that of the rotor, at least one floating head within the bore between an end of the rotor and the adjacent fixed head, the floating head having a bore through which the rotor shaft passes, annular flat sealing and thrust bearing surfaces on the rotor and floating head near and encircling the shaft, the annular bearing surfaces being in contact in a plane perpendicular thereto and separating said head and rotor at least the distance of a running fit, said head being provided with a hole opening into the bore of the casing at a location where the pressure on its inner surface is slightly above the average to apply pressure to its outer surface to maintain the annular bearing surfaces in contact as the rotor expands longitudinally, and means secured to the shaft beyond and engaging the floating head to force said head inwardly when the rotor contracts.

2,126,281
PROCESS OF MANUFACTURING GASOLINE
James R. Rose, Edgeworth, Pa., assignor of three-fourths to Michael L. Benedum and Joseph C. Trees, Pittsburgh, Pa.
Application November 19, 1936, Serial No. 111,654
1 Claim. (Cl. 196—10)



The process of manufacturing gasoline from still gases which consists in heating said gases to a temperature between 800° and 1500° F. and under a pressure of from 200 lbs. to 1500 lbs. per square inch; passing the gases thus heated and while under the said pressure in contact with a catalyst comprising a dried mixture in substantially equal proportions by weight of phosphate rock and fire bond; cooling the gases while under the said pressure thereby to effect a preliminary separation of condensable products; reducing the pressure on the said gases and condensable products and delivering them into a receiving chamber; recycling gases evolved in said chamber; and stabilizing the condensable products under superatmospheric pressure.

2,126,282
CATALYST AND PROCESS OF MAKING THE SAME
James R. Rose, Edgeworth, Pa., assignor of three-fourths to Michael L. Benedum and Joseph C. Trees, Pittsburgh, Pa.
No Drawing. Application December 2, 1936, Serial No. 113,836
2 Claims. (Cl. 23—233)

2. The process of manufacturing a catalyst suitable for the production of gasoline from still gases, the said process comprising first forming integrated particles of phosphate rock and kaolin or china clay by mixing the ingredients together in a finely divided condition and in the proportions of 5 to 50 parts by weight of each to 5 to 50 parts by weight of the other; adding water to and mingling the same with the foregoing mixture to form a pasty mass; drying the mixture thus produced; breaking the dried mixture into lumps or particles of the desired size; and thereafter mixing with the integrated lumps or particles thus produced dry finely divided phosphoric anhydride in the proportion of from 5 to 10 parts by weight of phosphoric anhydride to the weight of the said lumps or particles.

2,126,283
PROCESS OF MANUFACTURING GASOLINE OR OTHER LIQUID HYDROCARBONS
James R. Rose, Edgeworth, Pa., assignor of three-fourths to Michael L. Benedum and Joseph C. Trees, both of Pittsburgh, Pa.
No Drawing. Application February 3, 1937, Serial No. 123,855
2 Claims. (Cl. 196—10)

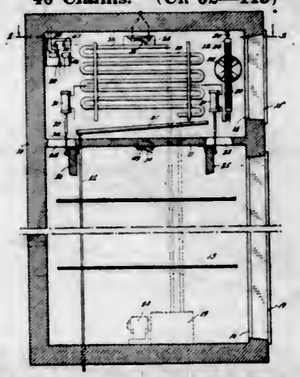
1. In the process of manufacturing gasoline or other liquid hydrocarbons from still gases, passing the gases while under a pressure of from 200 to 1200 pounds per square inch and at a temperature of from 500° to 1000° F. in contact with a catalyst consisting of a mixture of carnotite and barium fluoride in approximately the proportion of 1 to 12 ounces of barium fluoride to one pound of carnotite.

2,126,284
CATALYST
James R. Rose, Edgeworth, Pa., assignor of three-fourths to Michael L. Benedum and Joseph C. Trees, Pittsburgh, Pa.
No Drawing. Original application February 3, 1937, Serial No. 123,855. Divided and this application July 31, 1937, Serial No. 156,753
1 Claim. (Cl. 23—233)

A catalyst suitable for the treatment of refinery gases containing saturates and unsaturates under temperatures of from 500 to 1000 degrees F. and pressures of from 200 to 1200 pounds per square inch, the said catalyst comprising a mixture of the following ingredients in the following proportions by weight:

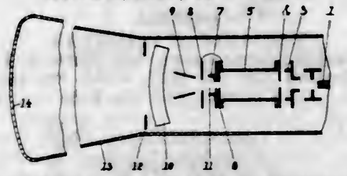
16 parts by weight of carnotite
1 to 12 parts by weight of barium fluoride.

2,126,285
REFRIGERATOR
James E. Schaaf, Nutley, N. J., assignor to General Electric Company, a corporation of New York
Application December 10, 1930, Serial No. 501,188
46 Claims. (Cl. 62—115)



4. A refrigerator provided with a coil containing compartment and with a storage compartment and having an air duct normally placing the compartments in intercommunication, means in the coil compartment for raising the temperature therein, a thermostat in the storage compartment for controlling said temperature raising means and a door for closing said duct to thus intercept communication between the compartments while said temperature raising means is functioning.

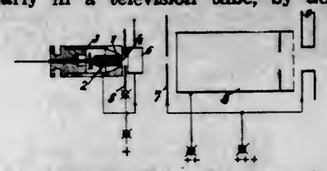
2,126,286
BRAUN TUBE
Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany
Application June 11, 1934, Serial No. 730,111
In Germany June 10, 1933
16 Claims. (Cl. 250—27.5)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. An electron-optical system for Braun tubes comprising one plate-shaped element having an aperture and being adapted to be supplied with a high positive potential, and a second plate-shaped element having an aperture and being furnished at least at its side facing the first said element with a metallic cylinder, the diameter of which is considerably greater than the diameter of said aperture, said second element being adapted to be supplied with a lower positive potential than said first element.

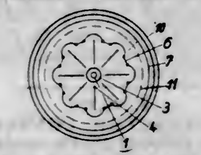
2,126,287
TELEVISION TUBE
Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany
Application November 15, 1935, Serial No. 49,953
In Germany November 20, 1934
19 Claims. (Cl. 250—27)

1. The method of adjusting the preliminary concentration of an accelerated bundle of cathode rays to be afterwards focussed to produce an electron image in a receiving plane, more particularly in a television tube, by adjusting,



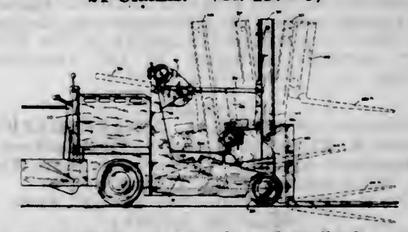
independently from the subsequent focussing, the speed to which the electrons forming the bundle are first accelerated.

2,126,288
ELECTRONIC TUBE
Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany
Original application June 15, 1934, Serial No. 730,714. Divided and this application December 5, 1935, Serial No. 52,956. In Germany June 17, 1933
2 Claims. (Cl. 250—27.5)



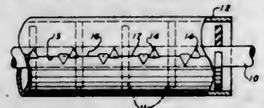
1. An electron-discharge device, preferably for rectifying purposes, comprising an evacuated container, a cathode, an anode structure, means for controlling the density of the electronic stream and for deflecting said electronic stream, said controlling means consisting of a plurality of plates radially arranged with respect to said cathode, and a plurality of further plates arranged between the first said plates parallel to said cathode, the width of each of said further plates being considerably smaller than the distance between every two adjacent ones of the first said plates.

2,126,289
LIFTING TRUCK
Charles S. Schroeder, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn., a corporation of Connecticut
Application June 7, 1935, Serial No. 25,437
24 Claims. (Cl. 187—9)



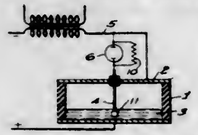
1. In a truck of the class described, a main frame, a pair of uprights mounted on said main frame for longitudinal movement, an operating member for said uprights adapted to move said uprights and to maintain them in any position to which they are moved, and guide means on said main frame for maintaining said uprights against longitudinal movement while guiding said uprights for tilting movement about a fixed axis relatively to said main frame when said uprights are actuated by said operating member.

2,126,290
ELECTRICAL CABLE
George A. Seeley, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 11, 1936, Serial No. 100,271
3 Claims. (Cl. 173—265)



1. In a coaxial conductor pair the combination with an axial conductor of an outer hollow conductor therearound and comprising a metal tape formed into a tube with the edges of the tape abutted together to form a seam, each edge of the tape having projections thereon overlying the outer side of the other edge, the widths of the spaces between consecutive projections on either edge being greater than the widths of the projections on the other edge and the projections on either edge overlapping the other edge between consecutive projections of the other edge, the parts being so proportioned and arranged that when the conductor pair is twisted each edge and its projections are free to slide along the other edge to provide torsional flexibility, while the seam cannot open radially.

2,126,291
VAPOR ELECTRIC CONVERTER
Joseph Slepian, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 24, 1937, Serial No. 132,830
8 Claims. (Cl. 175—363)

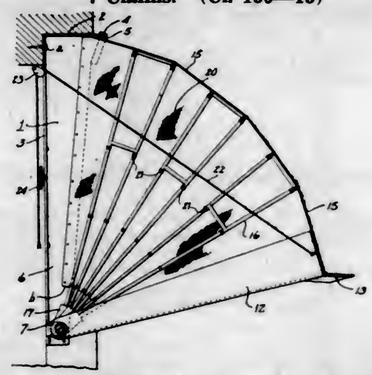


1. A vapor-electric converter comprising an arc-chamber, a pair of main electrodes therein, at least one of said electrodes being of vaporizable material, a make-alive electrode having a portion thereof immersed in said vaporizable electrode, means responsive to the polarity of the potential impressed on the main electrodes for impressing make-alive current on said make-alive electrode, a resistance in shunt with said means for impressing a lesser current on said make-alive electrode and means for cooling the portion of the make-alive electrode immersed in the vaporizable cathode.

2,126,292
PROCESS OF MINERAL CONCENTRATION
Francis X. Tartaron, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application April 27, 1937, Serial No. 139,210
20 Claims. (Cl. 209—166)

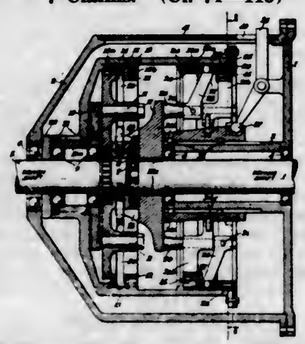
1. A process of concentration comprising admixing an ore with an insoluble and unsaponifiable oil and a sulpho-fatty-acid compound produced by the action of a sulphonating agent on a free unsaturated fatty acid of at least twelve carbon atoms, and separating in an aqueous pulp the mineral values from the ore, said oil and sulpho-fatty-acid compound being used in relative amounts to cause them to conjointly effect collection of said values.

2,126,293
COLLAPSIBLE AWNING
John A. Thompson, Summit, N. J.
Application October 7, 1936, Serial No. 104,349
7 Claims. (Cl. 156—15)



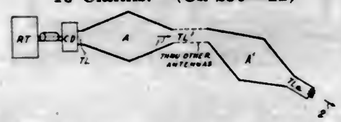
1. In a collapsible fabric awning, the combination comprising a frame, a plurality of sector-like supporting members each having a crown portion and a pair of depending legs, the lower end of all of said legs on the same side of the frame being secured to a common pivot, pliable covering means secured to the crown of each sector in such a manner as to afford an unsupported web of such covering means between two adjacent sectors when the awning is in an open position, the said crown portions being respectively of a width to serve as an effective support for said webs when the awning is in a closed position and thereby maintaining the same substantially flat transversely of said crown portions and the unsupported portion of such covering means between any two adjacent sector-like members being not substantially greater than the width of an adjacent crown of a sector-like member and means for effecting the collapse of said awning into a small compass.

2,126,294
VARIABLE SPEED GEAR
August Timmermann, New York, N. Y.
Application July 26, 1937, Serial No. 155,720
7 Claims. (Cl. 74—115)



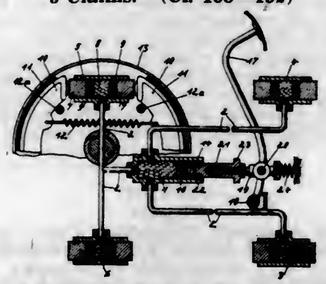
1. A planetary gear drive between a driving and a driven shaft, having a sun gear wheel mounted on the driven shaft, planetary gear wheels in mesh with said sun wheel and operated by the driving shaft to rotate around said sun wheel and a control gear wheel in mesh with and surrounding said planetary gear wheels and means for operating said control gear at varying speeds with respect to the driving shaft, said means comprising a pair of overrunning clutch rings disposed to engage said control gear when rotating in the same direction as the latter and to become disengaged when rotated in opposite direction, and means actuated by the driving shaft for alternately advancing each clutch ring in the driving direction a desired angular degree and simultaneously retarding the other ring to the same degree in the other direction.

2,126,295
ANTENNA SYSTEM
William H. Warren, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application February 21, 1935, Serial No. 7,501
In France April 25, 1934
15 Claims. (Cl. 250—11)



2. In a radio system, a transmitter, a plurality of unilateral antennas connected in tandem and to said transmitter, said antennas being oriented for propagating energy in different horizontal directions.

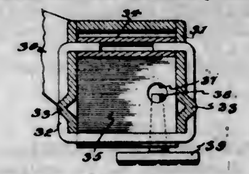
2,126,296
HYDRAULIC BRAKE
Hermann Kurt Weihe, Berlin, Germany
Application June 12, 1935, Serial No. 26,268
In Germany June 12, 1934
3 Claims. (Cl. 188—152)



1. A hydraulic brake installation comprising a brake operating lever, a main brake cylinder, a pressure piston slidable in said cylinder, and adjustable members interposed between said piston and said lever, certain of said adjustable members having screw-threaded engagement with each other whereby the pressure piston may be adjusted independently of said lever while simultaneously varying the initial brake pressure, a spring disposed between said adjustable members and adapted to maintain a uniform initial stressing in the brake pipe system, and a ratchet device interposed between said adjustable members, said ratchet device including ratchet teeth formed on one of said adjustable members, and a pawl cooperating with said teeth and with said spring.

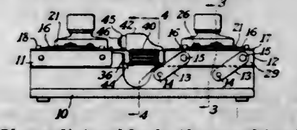
2,126,297
TYPEWRITING MACHINE
Elmer L. Wise, Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application March 13, 1936, Serial No. 68,648
8 Claims. (Cl. 197—36)

1. In a typewriting machine, the combination with a selective key action, including a type bar, having a type head formed to accommodate a plurality of individual types at one time; and means to releasably retain the types assembled with the type head; of means to adapt the multiple type head for the assembly therewith of a



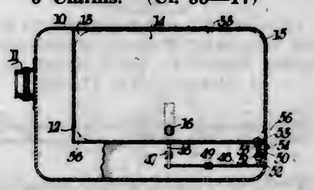
single printing member bearing a plurality of type faces, such means including a type block removably accommodated in and filling the type head, and with which alone the releasable, retaining means co-acts; and a single type member mounted in the type block and having a plurality of type faces.

2,126,298
FILM SPLICING APPARATUS
Otto Wittel, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application March 4, 1936, Serial No. 67,086
12 Claims. (Cl. 154—42)



1. In a film splicing block, the combination with a base, a pair of film holding tables mounted thereon for receiving film, of a double bladed knife pivoted on said base and adapted to move between said tables to sever a film thereon, a film scraper slidably mounted on the blades of said knife, and suitable means fixed to said base and projecting into the path of said film scraper to prevent its removal from said knife.

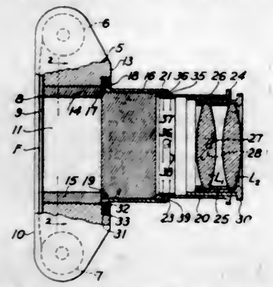
2,126,299
CLUTCH CONNECTION FOR MOTION PICTURE APPARATUS OF THE MAGAZINE TYPE
Otto Wittel, Lawrence R. Martin, and Dwight Hunter Smiley, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application April 24, 1936, Serial No. 76,174
6 Claims. (Cl. 88—17)



1. In a photographic apparatus of the magazine type, the combination with a housing provided with a magazine chamber having an open end, a driving clutch member in said housing, transversely movable in said chamber and normally extending into said chamber, a magazine casing containing a film supply, provided with a lateral depression, and adapted to be longitudinally inserted endwise into said magazine chamber, and a driven clutch member

mounted on said magazine casing and within the lateral depression thereof, of a positive motion transmitting means associated with said driving clutch member and including a surface which is within said magazine chamber and which is adapted during the endwise longitudinal insertion of said magazine casing into said chamber to be engaged and moved by said magazine casing for movement of said driving clutch member to permit the complete insertion of said magazine casing.

2,126,300
COLLAPSIBLE CAMERA
Otto Wittel, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application October 22, 1937, Serial No. 170,367
8 Claims. (Cl. 95—45)



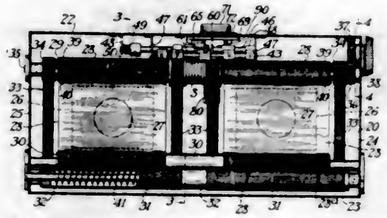
8. In a collapsible camera the combination of a narrow camera body having spaced interior walls, an internally threaded recess formed in two of the spaced interior walls and extending partially therethrough, an internally threaded tubular member, a threaded outwardly extending radial flange on the rear end of said tubular member in threaded engagement with the threaded recesses in the camera body for moving said tubular member into and out of said recesses, a stop member on the camera body extending radially into said recesses therein to engage the flange on the tubular member to prevent removal thereof from the recesses, a sleeve, a threaded radial flange on the rear end of the sleeve in threaded engagement with the internal threads of said tubular member, means for limiting the relative longitudinal movement between the sleeve and the tubular member, and a lens mount telescopically arranged within said tubular member for focusing purposes.

2,126,301
CONCRETE SLAB STRUCTURE
John Winthrop Wolcott, Baltimore, Md.
Application March 15, 1937, Serial No. 131,044
4 Claims. (Cl. 72—66)



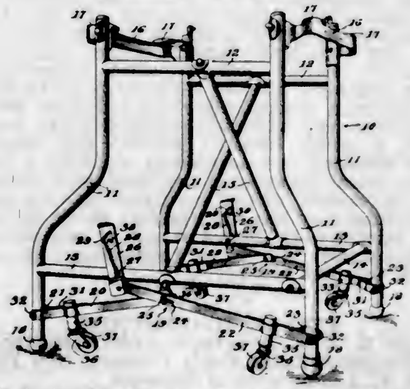
1. A pre-formed building slab comprising a wall of concrete having a layer of re-enforcing material embedded therein, a group of oblong pre-formed concrete channel members, each having side and end flanges, said members arranged parallel with one another and spaced apart and having their flanges embedded in said wall, a concrete filling between said members and surrounding the group of members, forming beams between said members and surrounding the group of members, and extending over the outer sides of said members and beams, forming a wall, a layer of re-enforcing material in the latter wall, and re-enforcing rods extending longitudinally through said beams.

2,126,302
PHOTOGRAPHIC SHUTTER CONTROL
D'Arcy A. Young, Jr., Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application October 21, 1936, Serial No. 106,831
9 Claims. (Cl. 95—57)



1. In a photographic shutter, the combination, with a casing including exposure aperture therein, of shutter members adapted to cover and uncover said exposure apertures, two springs connected to the shutter members one for opening the exposure aperture and the other for closing the aperture, a control device including two latch members adapted to hold the springs inactive, a tripping device for releasing one latch, a lost motion connection between the first and second latches, said lost motion device comprising a plurality of revolvably mounted washers each having interengaging lugs whereby one may be turned by another when the lugs are brought into contact, at least some of the washers being provided with tripping lugs, a trip lever adapted to be operated by a tripping lug, and connections between the tripping lever and second latch for operating the latter by the former whereby one spring is operated after the other so that the shutter members are positively opened and closed.

2,126,303
STAND
Walter A. Anderson, Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application March 2, 1936, Serial No. 66,577
4 Claims. (Cl. 280—44)



1. A stand having corner posts, a cross bar between two corner posts, a pair of toggle links connected together near their inner ends and having their outer ends connected to the two corner posts respectively, an antifriction support on each of said links, a treadle connected to one of said links, and a pin on the bar, the treadle being upstanding and slotted to receive the pin, the slot being directed obliquely upward for a substantial length then upward obliquely in the reverse direction and defining a shoulder below its upper end.

2,126,304
BOAT
Adolph E. Apel and Arno A. Apel, Ventnor, N. J.
Application October 29, 1937, Serial No. 171,764
11 Claims. (Cl. 114—66.5)

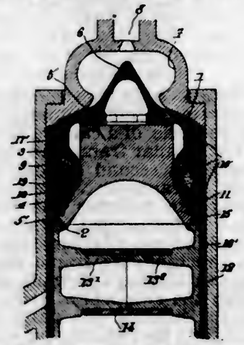


1. A speed boat hull having a bottom, the forward end of the bottom being concave and flattening out toward the stern, stabilizers at the bow of the boat and extending about amidships, the said stabilizers having their under surfaces merging with the bottom of the hull near their forward ends and extending below the surface of the bottom at their rear ends.

2,126,305
DISPERSION OF GELATIN
George S. Babcock, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application June 23, 1937, Serial No. 149,917
17 Claims. (Cl. 134—16)

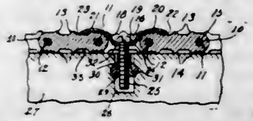
1. A stable, substantially neutral gelatin solution suitable for subbing a cellulose derivative film support, which comprises .5%–2% by weight of gelatin, a weakly acidic dispersing agent for the gelatin in an amount sufficient to bring it into solution, and a solvent comprising 5–95% of the monomethyl ether of ethylene glycol, the balance being water.

2,126,306
PISTON FOR INTERNAL COMBUSTION ENGINES
Auguste Louis René Bernard, deceased, late of Rueil-Malmaison, France, by Renée Bernard, née Bournonville, executrix, Paris, France
Application December 17, 1934, Serial No. 757,977
In Belgium December 22, 1933
13 Claims. (Cl. 123—176)



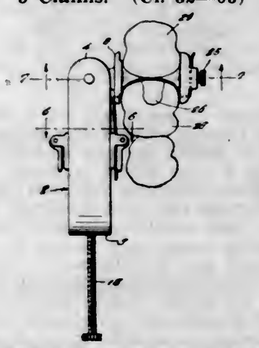
1. A piston for an internal combustion engine which comprises, in combination, a piston head, a piston skirt attached to said piston head, a tubular part rigid with the central part of the piston head and extending inwardly from the inner face thereof, an annular projection on the inner cylindrical wall of said piston skirt, a frusto-conical piece bearing at its larger end against said annular projection, a cylindrical part rigid with said end of said piece mounted with a force fit in said piston skirt, a cylindrical part rigid with the smaller end of said piece, and mounted with a force fit around said tubular part rigid with said piston head, and means carried by the last mentioned cylindrical part for bearing against the edge of said tubular part.

2,126,307
LINK-MAT ANCHOR
Anthony Boedeker, Cincinnati, Ohio
Application October 13, 1936, Serial No. 105,407
11 Claims. (Cl. 20—78)



1. In combination with a floor covering made up of a transverse series of longitudinal rows of links with the links of each alternate row staggered relative to the links of each other alternate row, whereby open spaces are left with side walls formed by the sides of two links and the ends of two links of any group of four links, an anchoring device of structure separate and distinct from that of said floor covering comprising a member within at least one of said spaces with its top confined below a plane close to the top surfaces of the links, so as not to offer material obstruction above the covering, said member sufficiently retentively engaging at least two opposite walls of the space to hold the covering close to the floor under stresses due to passage of objects along and against the top surfaces of the links, and suitable fastening means in retentive relation to said member and confined materially below the plane of said top surfaces of the links and extending down for retentive relation to the floor on which the covering is laid.

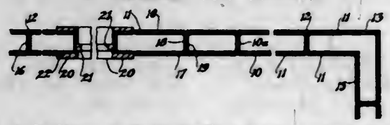
2,126,308
CLAMP
Samuel R. Butler, Grand Island, Nebr.
Application July 6, 1937, Serial No. 152,198
3 Claims. (Cl. 32—63)



1. In a dental clamp for use with a denture matrix band, a pair of front and rear guide members, respectively, for insertion in opposed relation in the inter-dental spaces between adjacent

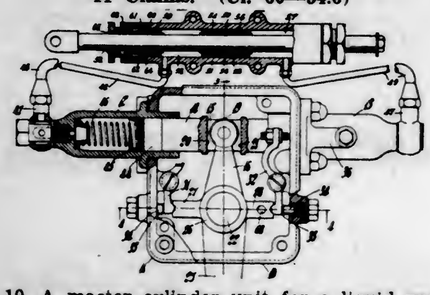
teeth, one member including means for securing one end of said band thereto, and the other member being provided with a guide slot for the passage of an intermediate portion of said band therethrough, and manipulative means on said other member for gripping the other end of the band and tensioning the same, and comprising a swingably mounted clamping and tensioning unit.

2,126,309
CONCRETE BUILDING MATERIAL
Robert S. Cade, Canton, Ohio
Application September 5, 1936, Serial No. 99,567
5 Claims. (Cl. 72—16)



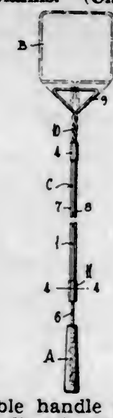
1. A hollow wall including two spaced rows of concrete slabs each having reinforcing mesh sheets imbedded therein and projecting beyond the opposite side edges thereof, the projecting portions of the mesh sheets on adjacent slabs being overlapped and not connected to each other, transversely disposed, similarly constructed slabs located through the wall at the joints between the first named slabs and having mesh sheets imbedded therein with their projecting portions extended into said joints, and not connected to the first named projecting edges, the joints being filled with concrete to form keys by extending through said mesh projections forming a solid, continuous reinforced, concrete wall.

2,126,310
TRANSMITTER FOR FLUID PRESSURE SYSTEMS
Edward Claude Shakespeare Clench, Leamington Spa, England, assignor to Automotive Products Company Limited, London, England
Application August 29, 1935, Serial No. 38,460
In Great Britain September 5, 1934
11 Claims. (Cl. 60—54.6)



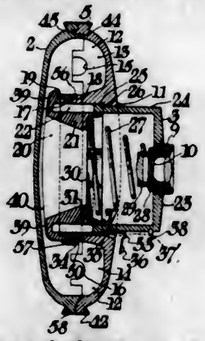
10. A master cylinder unit for a liquid pressure remote control system, comprising a cylinder having a piston therein and a connection therefrom to a pipe line, a reservoir, a breathing valve device between the pipe line connection and the reservoir, and operating means for said piston, said operating means comprising a member acting upon said piston to move the latter through any desired part of its complete stroke and then hold it at the desired position intermediate the stroke limits, and also comprising a second member operating upon said breathing valve device to control opening and closing thereof independently of any change in the position of said piston, whereby the breathing valve may be opened even though the piston remains at said desired intermediate position.

2,126,311
EXTENSION HANDLE FLY SWATTER
William Cowen, Brooklyn, N. Y.
Application June 15, 1937, Serial No. 148,406
15 Claims. (Cl. 43—137)



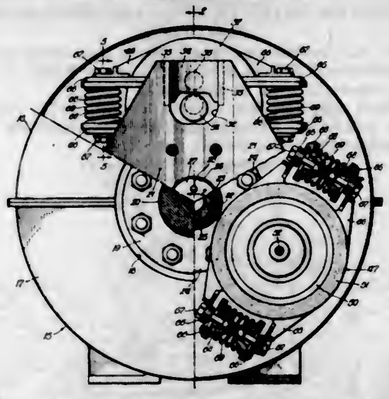
1. An extensible handle comprising two sections each including two substantially parallel members, each pair of members lying in a plane at right angles to the other pair, and means holding said pairs of members in telescopic engagement with each other, and each pair of members, when acting as an entity, having its major plane of resiliency in a direction other than the major plane of resiliency of the other pair of members when acting as an entity.

2,126,312
SPRING FRONT CAMERA
Chester W. Crumrine, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application August 14, 1937, Serial No. 159,162
10 Claims. (Cl. 95—32)



1. In a camera body, the combination with a rectangular frame member through which an exposure may be made, of a camera front intimately fitting the rectangular frame and slidably mounted thereagainst, a second camera body member consisting of rectangular spaced walls forming a hollow box-like member the inner walls of which form a slideway for the camera front, and the outer walls of which intimately fit the outer walls of the rectangular frame member of the camera body to confine the walls of the camera front between the two sets of rectangular walls, and means for holding the parts in assembled relation including cooperating pins and apertures on the respective parts and screws passing laterally through pairs of adjacent rectangular walls.

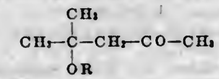
2,126,313
FLEXIBLE COUPLING
Edward S. Dennison, New London, Conn.
Application July 23, 1937, Serial No. 155,229
17 Claims. (Cl. 64—27)



1. In coupling means of the character described, a drive member and a driven member rotatable about a common axis and capable of relative turning movement, friction damping means comprising friction elements connected to said driven member for driving the latter and friction members cooperating with said elements turnable relative thereto about axes eccentric to said common axis, connections between said drive member and said friction members effective for turning the latter through a relatively great angle upon turning of said drive member relative to said driven member, spring means resisting turning of said friction members, and means adjustable independently of said spring means yieldingly urging said friction members toward said friction elements.

2,126,314
YARN CONDITIONING PROCESS AND COMPOSITIONS THEREFOR
Joseph B. Dickey and James G. McNally, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application November 26, 1937, Serial No. 176,688
18 Claims. (Cl. 28—1)

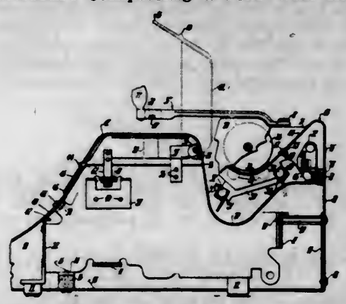
1. The process of conditioning yarn to render it more amenable to textile operations including knitting, weaving, spinning and the like which comprises applying thereto a lubricating and softening composition containing as its essential lubricating and softening component a ketoether having the general formula:



where R is an alkyl group.

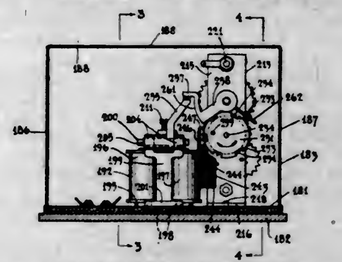
2,126,315
TYPEWRITING MACHINE
William A. Dobson, Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application November 14, 1935, Serial No. 49,682
19 Claims. (Cl. 197—186)

19. In a typewriter, a frame, a rear wall therefor, a carriage mounted on the frame for transverse movement thereon, having an enclosure at the rear to conceal carriage-stop-mechanism, said enclosure comprising a rear wall having a



lower edge which substantially matches the rear wall of the frame to present a substantially continuous rear wall for the frame and carriage.

2,126,316
PROTECTIVE SIGNAL SYSTEM
Clarence C. C. Eggers, Minneapolis, Minn., assignor of one-half to Calvin E. Holmes, Minneapolis, Minn.
Application December 15, 1934, Serial No. 757,629
7 Claims. (Cl. 177—369)



1. In a protective signal system, a normally closed operating circuit, a source of electrical energy in said circuit, a normally energized potential relay having a winding in said circuit, said relay being adapted to be actuated upon the potential reaching a predetermined value, a protective device in said circuit, a resistance in said circuit in series with said protective device and positioned in close proximity thereto, an adjustable resistance in said circuit positioned at the locality of said relay, means for adjusting said resistance to prevent normal actuation of the relay when both of the resistances are in series in the circuit, and a signal operated by said relay.

2,126,317
SLIDE OPERATED FASTENER INSTALLATION
Samuel Esserman, Brooklyn, N. Y.
Application November 17, 1937, Serial No. 175,161
5 Claims. (Cl. 24—205)



1. In combination with the adjacent edges of flexible sheet material having fur-like filaments projecting from at least one surface, a pair of tapes one secured to each edge of the material and carrying interlocking elements, an operating

slider for causing the elements to engage and disengage and having a portion slidable between the interlocking elements and the edges of the sheet material, and a pair of longitudinal strips secured between the sheet material and the tapes and overlying a portion of the engaging members and a portion of the slider so that the filaments are kept from engagement with the interlocking elements.

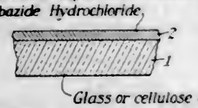
2,126,318

PRINT-OUT EMULSION

George E. Fallesen and Cyril J. Staud, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application February 9, 1937, Serial No. 124,865
8 Claims. (Cl. 95—7)

Print-out Emulsion formed of Silver-Hydroxide-Organic Alkali Complex and a Halide, containing Semicarbazide Hydrochloride.



1. A process of producing a light-sensitive emulsion which comprises precipitating silver hydroxide in an aqueous solution, dissolving the precipitate in an organic alkali, mixing the solution with an inert carrier therefor and adding an alkali metal halide to the mixture to form an emulsion, and then adding to the emulsion approximately 1.6%, based on the weight of inert carrier, of a semi-carbazide acid salt.

6. A light-sensitive surface comprising the product resulting from the reaction of a complex solution of silver hydroxide in an organic alkali, on an alkali metal halide in the presence of a carrier, and containing approximately 1.6%, based on the weight of carrier, of semi-carbazide hydrochloride.

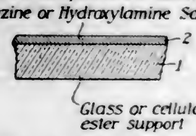
2,126,319

PRINT-OUT EMULSION

George E. Fallesen and Burt H. Carroll, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application February 9, 1937, Serial No. 124,866
12 Claims. (Cl. 95—7)

Print-out Emulsion formed of Silver Hydroxide-Organic Alkali Complex and a Halide, containing a Hydrazine or Hydroxylamine Salt



1. A process of producing a light-sensitive emulsion which comprises precipitating silver hydroxide in an aqueous solution, dissolving the precipitate in an organic alkali, mixing the solution with an inert carrier therefor and adding an alkali metal halide to the mixture to form an emulsion, and then adding approximately 2.2%, based on the weight of inert carrier, of salt selected from the group consisting of hydroxylamine and hydrazine salts.

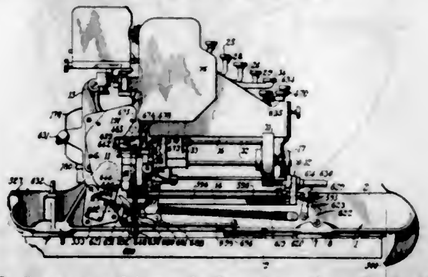
8. A light-sensitive surface comprising the product resulting from the reaction of a complex solution of silver hydroxide in an organic alkali, on an alkali metal halide in the presence of an inert carrier, and containing approximately 2.2%, based on the weight of inert carrier, of a salt selected from the group consisting of hydroxylamine hydrochloride and hydrazine sulfate.

2,126,320

COMBINED CALCULATING AND RECORDING MACHINE

Harry A. Foothorap, Harrisburg, Pa., assignor to Underwood Elliott Fisher Co., New York, N. Y., a corporation of Delaware

Original application December 30, 1932, Serial No. 649,663. Divided and this application November 11, 1935, Serial No. 49,158
58 Claims. (Cl. 197—2)



2. In a machine of the class described, the combination with work supporting means; and a carriage having printing mechanism thereon; of a tilting frame supporting the carriage for travel over the work; power means to raise the frame; and means under control of the carriage in its travel to different positions, and settable according to such different positions, to enable the power means.

2,126,321

PROCESS FOR FINISHING LEATHER ARTICLES

Hans Freudenberg and Philipp Haas, Weinheim, Germany, assignors to Freudenberg & Co. G. m. b. H., Frankfort-on-the-Main, Germany, a German company

No Drawing. Application November 1, 1934, Serial No. 751,113. In Germany August 28, 1933
10 Claims. (Cl. 12—142)

1. A process for the manufacture of finished leather articles which consists in assembling the articles from parts of partly dressed leather and finishing the assembled articles by applying thereto a coating of liquids containing polymers of acrylic compounds which possess the property of drying on with the formation of adhering layers, which are fast to water, tenacious, elastic and extensible and do not harden the grain side of the leather.

2,126,322

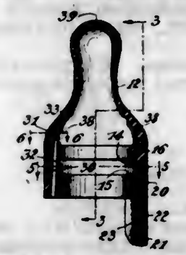
NIPPLE FOR NURSING BOTTLES

Louis Garfield, New York, N. Y.

Application October 21, 1936, Serial No. 106,733
1 Claim. (Cl. 128—252)

In a nipple, the combination of two interiorly disposed collars having a recess therebetween adapted to engage the collar of a bottle, an enlarged wall at one circumferential portion of the nipple, said wall having a straight channel in the enlarged portion perpendicular to the plane passing through the collar, and a membrane at the innermost end of the channel bridging the same and in line with the uppermost interior collar, said membrane being integral and adapted to act as a valve for the inlet of air from the exterior

of the nipple to the interior thereof, and a tab integral with said nipple disposed diametrically opposite to the enlarged wall, the outer surface of the tab being in line with the outer surface of the nipple, the inner surface of the tab being curved to conform to the curved shape of the



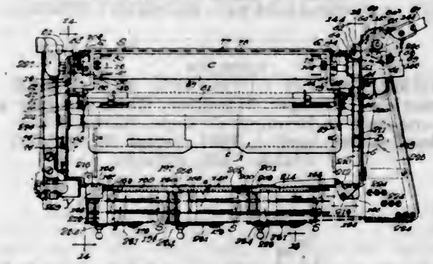
feeding bottle, said tab having lateral walls substantially radial to the nipple, whereby the tab being disposed diametrically opposite to the enlarged wall enables a quick removal of the nipple from the bottle by the enlarged wall acting as a fulcrum.

2,126,323

TYPEWRITING MACHINE

George F. Handley, Glendale, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a corporation of New York

Application July 23, 1936, Serial No. 92,241
47 Claims. (Cl. 197—153)



1. In a typewriting machine, the combination with a carriage including a platen; of a carbon strip spool journaled on the carriage; a strip feeding means mounted on the carriage; means for guiding the strip from the spool along and in front of the platen to the feeding means; and means for first operating the feeding means and for subsequently effecting an unwinding of the strip from the spool.

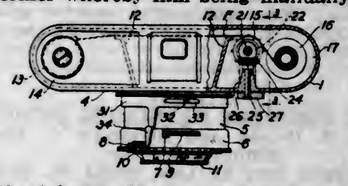
2,126,324

ROLL HOLDING CAMERA

Herbert H. Harmon and Newton B. Green, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application October 13, 1937, Serial No. 168,774
9 Claims. (Cl. 95—31)

1. In a photographic camera the combination with a camera body, including supply and take-up film chambers adapted to receive apertured film and with an exposure frame therebetween, of a manually operable member carried by the camera and extending into the take-up spool chamber for winding film therein, a sprocket mounted in the camera adapted to engage and be moved by the apertured film, a shutter carried by the camera, a setting member carried by the shutter and operable connections between the sprocket and shutter setting member for moving the latter from the former whereby film being manually wound



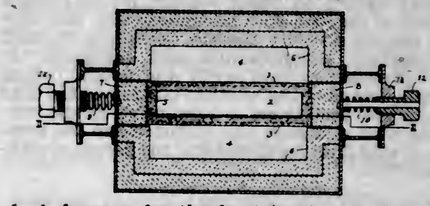
into the take-up film spool chamber may turn said sprocket and set said camera shutter.

2,126,325

RETORT AND RETORT SETTING

Clarence E. Hawke, Metuchen, N. J., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

Application October 21, 1936, Serial No. 106,867
8 Claims. (Cl. 263—37)



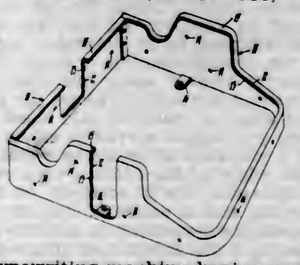
1. A furnace for the heat treatment of materials comprising an elongated retort of rectangular horizontal cross section and having extended side walls for heat transmission from combustion chambers located on each side of the retort and having narrow end walls joining said side walls, said end walls being shielded from the combustion gases, an outer furnace wall surrounding the retort and the combustion chambers, said outer wall having a movable section of superimposed blocks adjacent one end of the retort, and a plurality of weighted bell-crank levers for exerting horizontal forces against the adjacent end of the retort and tending to close vertical cracks in the side walls of the retort.

2,126,326

TYPEWRITING MACHINE

William F. Helmond, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

Original application November 1, 1935, Serial No. 47,731. Divided and this application October 8, 1937, Serial No. 167,906
6 Claims. (Cl. 197—186)



4. A typewriting machine having a platen and provided with a muting device in the form of a framework-boxing to serve as a mount for the reciprocating and other concussive parts of the

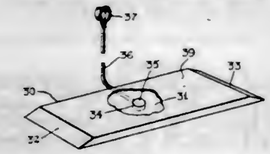
typewriter, said framework including an extensive area of laminated sheet-metal casing, the laminations being spot-welded together at scattered points to give to said framework the muting capacity.

2,126,327

TIRE PRESSURE MEASURING DEVICE

William H. Hendel and Alexander G. Hendel, Minneapolis, Minn.

Application May 21, 1936, Serial No. 80,972
12 Claims. (Cl. 73—31)



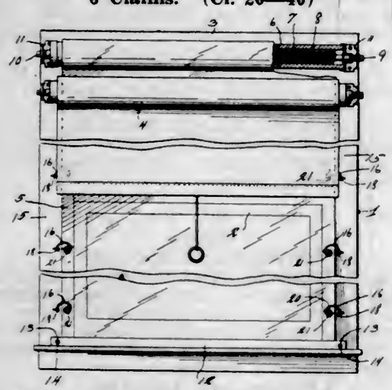
1. A pneumatic tire pressure measuring device comprising a substantially incompressible support having an upper surface for carrying a portion of the load on a pneumatic tire, said support having a cavity therein extending through said surface, a contractible sack occupying the space provided by said cavity and having a fluid therein, and carrying another portion of the load on the tire, and pressure responsive means connected with said sack and responsive to the pressure of said fluid for indicating the pressure within the tire.

2,126,328

INDOOR STORM CURTAIN

Willis O. Higby, Turin, N. Y.

Application August 26, 1937, Serial No. 161,129
6 Claims. (Cl. 20—40)



1. An indoor storm curtain for use over wall openings such as windows and the like, comprising a roller adapted to be rotatably supported across the top of said opening, a sheet of transparent material secured along one edge to said roller, a weighted bar secured along the opposite edge of said sheet of material, said sheet of material having reinforced apertures along its side edges, and a plurality of retaining elements for the said side edges of the curtain each comprising securing means for attachment to the side of the opening and a resilient element carried by said means for movement in a plane parallel with the faces of the sheets and adapted to engage in one of said apertures in the sheet and constantly exerting a pull on and transversely of the sheet while maintaining the adjacent edge thereof in contact with the adjacent wall.

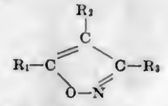
2,126,329

AMIDE DERIVATIVES OF ISOXAZOLE CARBOXYLIC ACIDS

Max Hoffer, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application January 25, 1937, Serial No. 122,321. In Switzerland March 20, 1936
4 Claims. (Cl. 260—43)

1. As a medicinal remedy a compound of the general formula



wherein one of the radicals R_1—, R_2— and R_3— represents the group Z.CO— wherein Z is selected from the group consisting of



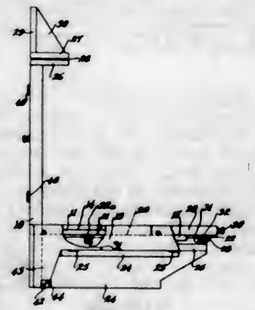
wherein X is an alkyl radical and Y is selected from the group consisting of an aryl radical of the benzene series, an aralkyl radical of the benzene series and a carboxylic lower aliphatic ester radical and T:N— wherein T: represents an alkylene radical forming a heterocyclic ring with the N, and the remaining R radicals are selected from the group consisting of hydrogen and lower alkyl hydrocarbon radicals of the methane series, which compound acts as a circulatory stimulant.

2,126,330

COMBINATION CUPBOARD AND TABLE

Frederick Hollwager, Massillon, Ohio, assignor of one-half to Belmont G. Cope, Akron, Ohio

Application April 8, 1937, Serial No. 135,732
1 Claim. (Cl. 312—2)



A combination cupboard and table comprising a fixed vertical back member, a horizontal bottom shelf fixed to said back member, spaced parallel pairs of rear and front bars, the lower ends of the rear bars being pivotally connected to the rear corner portions of the fixed shelf and the lower ends of the front bars being pivotally connected beneath the front corners of the fixed shelf, and spaced shelves pivotally connected at their rear corners to the rear bars and pivotally connected beneath their front corners to the front bars and so positioned that they may be swung outward away from said back member and located in juxtaposition to each other in a horizontal plane in which position the rear bars will rest upon the front bars to support the shelves in horizontal position and side walls fixed at their rear edges to the rear bars, the forward portions of the side walls being hinged so as to swing upward beneath the shelves when said shelves are located in a horizontal plane.

2,126,331

AUTOMOBILE SEAT

Lila Humphrey, McGehee, Ark.

Application March 27, 1937, Serial No. 133,459
2 Claims. (Cl. 155—182)



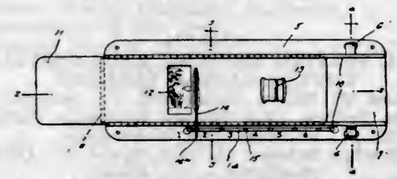
1. A convertible automobile seat comprising a back rest having front and rear walls spaced from each other and having an open top, a back cushion removably received between the walls through said open top, said front wall having ventilating perforations, removal of said cushion converting the seat from a winter driving seat to a summer driving seat, and a flap on the cushion adapted to extend over said front wall when the seat is used as a winter driving seat.

2,126,332

PHOTOGRAPHIC EXPOSURE TESTER

Harry R. Johnson, Baltimore, Ohio

Application June 11, 1936, Serial No. 84,739
Renewed June 25, 1938
3 Claims. (Cl. 95—10)



1. An apparatus of the character described comprising a base plate, a guide plate hinged at one end to the base plate and provided with an elongated opening therein, said guide plate being provided with spaced parallel guide channels on one side thereof, and a slide operating on the guide plate between said channels and provided with an opening of less size than the opening in the guide plate and adapted to be brought to various positions on the guide plate and obtain an exposure therethrough at different parts on the sensitized paper, and spring latch members on the base plate adjacent the end thereof remote from said hinge and engageable with the sides of the guide plate for releasably retaining the guide plate in a positioin parallel to the base plate, a rod provided on said base plate adjacent to and parallel with one longitudinal edge of the base plate, said rod being provided with a series of spaced notches, and a spring finger on said slide having an end engageable with the notches for securing the slide at the desired adjustment on the guide plate.

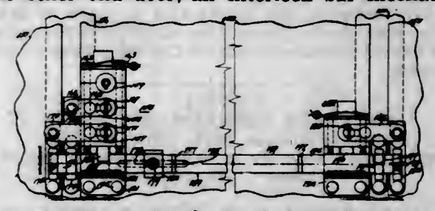
2,126,333

INTERLOCK SYSTEM FOR DOORS

Ralph L. Kirk, Bellevue, Pa., assignor to Railway and Industrial Engineering Company, South Greensburg, Pa., a corporation of Delaware, trustee

Application March 17, 1934, Serial No. 716,212
8 Claims. (Cl. 70—265)

6. An interlock system for three adjacent doors of a three-cell compartment, arranged to prevent removal of the doors until an external interlock key is used, and also arranged to retain the interlock key against removal while any of said doors are removed and until all three doors are securely relocked in position, said system comprising a key and lock combination associated with the middle door and one end door, a second key and lock combination associated with the middle door and the other end door, an interlock bar mechani-



cally associated with the two lock combinations, a third key and lock combination associated with one of the two first-mentioned lock combinations and an anchored plate on the wall against which the doors are to rest, and a fourth lock for operation by the interlock key, the fourth lock serving, in co-operation with one of the other locks to control the interlock bar between the first and the second locks.

2,126,334

PROCESS FOR REFINING VEGETABLE OILS AND THE LIKE

Siegfried Leonard Langedijk and Willem Coltof, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application May 15, 1937, Serial No. 142,885. In the Netherlands May 25, 1936
14 Claims. (Cl. 260—425)

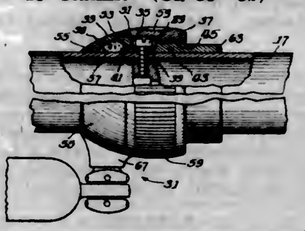
1. In a process of purifying a substance of the class consisting of oils, fats and waxes of the ester type, the step which comprises contacting said substance with a hydrated amine of the class consisting of aliphatic and aralkyl amines free from hydroxyl groups.

2,126,335

TELESCOPE

Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware

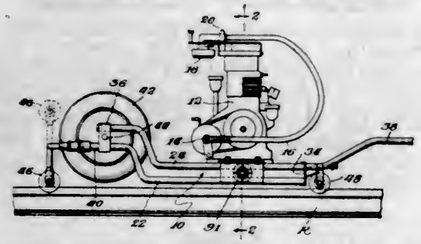
Application November 2, 1934, Serial No. 751,242
13 Claims. (Cl. 88—32)



1. A telescope comprising a barrel, an adjustable element in the barrel, an annular collar on the barrel having a groove accessible from outside of the telescope, and an adjusting screw for said element operatively engaging the same within the barrel and extending in position for operation on said collar outwardly of said barrel, said adjusting screw having a head extending in the groove of said collar whereby the same may be manipulated from outside of the barrel in

order to adjustably shift the adjustable element within the barrel, and an annular cover attachable on said collar in position to cover the head of said screw in said groove whereby to exclude access of foreign matter to said screw head, said collar having an inner surface engaging the outer surface of said barrel, the inner surface of said collar being grooved to provide an annular collecting pocket for entrapping foreign matter penetrating between the barrel and an edge of said collar whereby to prevent the same from reaching the barrel opening in which the adjusting screw extends.

2,126,336
PORTABLE GRINDING MACHINE
Arthur William Mall, Chicago, Ill.
Application December 3, 1936, Serial No. 113,951
9 Claims. (Cl. 105—162)



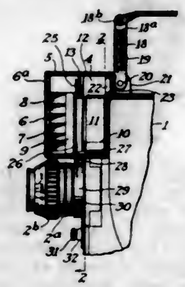
1. In a machine of the class described a frame, a pair of rail engaging flanged rollers mounted one at the front and one at the rear of said frame and an unflanged wheel mounted upon said frame and normally aligned with and overlying the rail on which the flanged rollers ride, the lowest portion of said wheel being positioned above the level of the rail when both the flanged rollers engage the rail, said unflanged wheel mounted at the forward end of said frame but to the rear of said forward flanged roller, both of said flanged rollers capable of movement to an inoperative position, and handle means associated with said frame whereby said frame may be tilted to bring said unflanged wheel into contact with a supporting surface when the flanged rollers are in an inoperative position.

2,126,337
PHOTOGRAPHIC COLOR-FORMING COMPOUNDS
Leopold D. Mannes, Leopold Godowsky, Jr., and Willard D. Peterson, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application October 14, 1936, Serial No. 105,616
15 Claims. (Cl. 95—88)

1. A color-forming photographic developer comprising an aromatic amino developing compound containing a primary amino group and an ortho hydroxy styrene coupler compound containing a substituent group in the β position of the chain, with which the developing compound is capable of reacting on development.

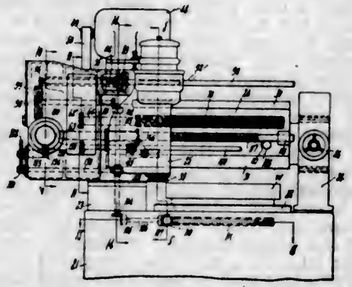
2,126,338
EXPOSURE CONTROL FOR PHOTOGRAPHIC APPARATUS
Joseph Mihalyi, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application March 23, 1936, Serial No. 70,320
2 Claims. (Cl. 88—16)

1. In a motion picture camera, a casing, a virtual image view finder mounted on top of the casing, an objective mount removably mounted on the front of the casing, said mount having a diaphragm and a member for adjusting the diaphragm, a self contained housing built into the top-front part of the casing, a light sensitive cell and a meter member mounted in said housing, a movably mounted pointer extending into said housing and having a cam lever at its lower end, a cam carried by the diaphragm adjusting mem-



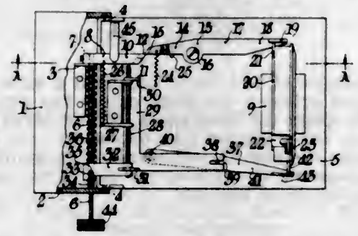
ber of said objective mount for engaging the cam lever, whereby adjustment of the diaphragm moves said pointer a distance which is a function of the shape of said cam, the shape of said cam being so correlated to the focal length of the objective in said mount that adjustment of the diaphragm to bring said pointer to a position indicated by said meter member results in a proper setting of the diaphragm.

2,126,339
GEAR SHAPING MACHINE WITH SWIVELED CUTTER SADDLE SUPPORT
Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont
Application October 24, 1936, Serial No. 107,408
18 Claims. (Cl. 90—9)



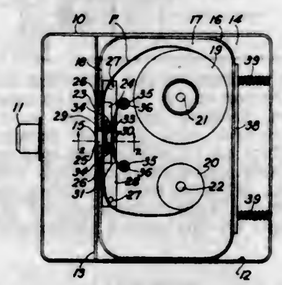
1. A gear shaping machine comprising a base, a work holder rotatably mounted on the base, an arm swiveled to the base above said work holder in a position enabling it to be swung over and aside from the work holder, a cutter saddle mounted on said arm with capacity for adjustment to different positions along the arm, and a cutter spindle rotatably and reciprocably mounted in said saddle and adapted to carry a gear shaper cutter for generating teeth in gear blanks secured to said work holder; the arm having guideways with which the saddle is engaged, of suitable length and suitably positioned to permit location of the cutter spindle at points variously distant from and on either side of the work holder axis.

2,126,340
SHUTTER ACTUATING MECHANISM
August Nagel, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application February 20, 1937, Serial No. 126,896
In Germany October 1, 1936
12 Claims. (Cl. 95—53)



1. In a folding camera, the combination of a camera body, a bed hingedly carried by said camera body, a shutter of the setting type carried by said bed, an actuating member movably mounted on the camera body, and inter-connecting means movably mounted in said camera body and on said bed adapted to operably connect said actuating member and said shutter whereby the shutter can be set by said actuating member.

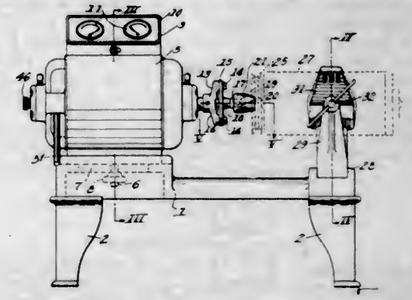
2,126,341
FILM GATE CONSTRUCTION
August Nagel, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application October 22, 1937, Serial No. 170,360
In Germany June 18, 1937
8 Claims. (Cl. 88—17)



1. In a photographic apparatus, the combination with a support, an apertured plate mounted for movement with respect to said support, and a pressure member adapted to support a film strip against said apertured plate, of a single resilient member mounted on said support, engaging said apertured plate and said presser member for urging said apertured plate toward said support and said presser member toward said apertured plate.

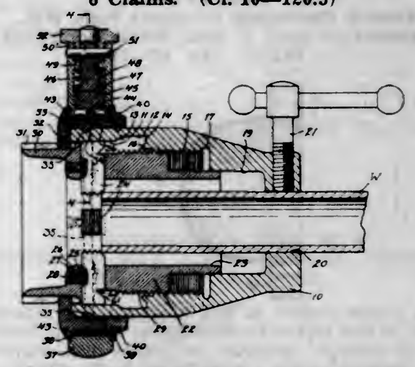
2,126,342
GENERATOR TESTING MACHINE
Paul W. Nippert, Columbus, Ohio
Application April 27, 1936, Serial No. 76,643
3 Claims. (Cl. 73—51)

1. In apparatus for testing motor vehicle generators, a bed, an electric motor mounted on said bed, said motor being provided with a drive shaft, a generator support positioned on said bed in longitudinally spaced relation from said motor, said support being formed with an upstanding member provided with an inwardly facing substantially V-shaped jaw for the reception of circular generator housings of varying diameter, clamping means carried by the opposite side of said support with respect to said upstanding member to positively maintain a generator housing in a seated and supported position in contact with the jaw surfaces of said member, whereby to maintain the shaft of a generator so supported



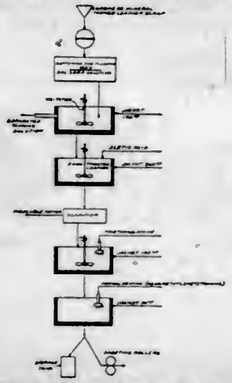
in the horizontal plane of the drive shaft for said motor irrespective of variations in the diameter of the housings of such generators, means for effecting transverse adjustment of the support relative to said bed to effect longitudinal alignment of the shaft of a generator carried by said support with the drive shaft of said motor, and detachable coupling means directly uniting the so aligned motor and generator shafts.

2,126,343
PIPE THREADING DIE OR TOOL
Christian A. Overguard, North Olmsted, Ohio, assignor of one-half to Edwin Swanson
Application October 8, 1937, Serial No. 167,901
6 Claims. (Cl. 10—120.5)



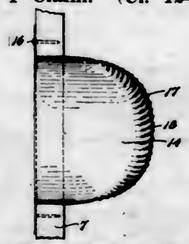
1. In a pipe threading apparatus, the combination of a work holder adapted to rigidly support work to be operated upon, a rotatable die head threadingly engaging the work holder whereby relative rotatable movement between the die head and work holder will force the die head axially inwardly, means for effecting relative rotary movement between the die head and work holder, thread chasers supported by the die head and movable axially therewith, the thread chasers being adapted to engage the work holder at their radially outer ends, means limiting radial inward movement of the thread chasers and the die head slidingly and sealingly engaging the work holder, both forwardly and rearwardly of the threaded portion.

2,126,344
PLASTIC MATERIAL
Willett C. Pierson, East Orange, N. J., assignor to National Products Corporation, Washington, D. C., a corporation of Delaware
Application November 30, 1936, Serial No. 113,449
9 Claims. (Cl. 106—38)



1. The method of making a transparent plastic material which comprises the steps of softening and plumping mineral tanned leather scrap with an alkaline water solution to separate the tanning ingredients; removing said separated tanning ingredients to produce a substantially transparent mass; heating the mass with a solution of acetic acid to render the mass relatively heavy and viscous; clarifying the mass; and adding a plasticizing agent thereto, and adding a water-proofing agent thereto.

2,126,345
ATTACHMENT FOR TOE SOFTENING APPARATUS
John B. Piotrowski, Chippewa Falls, Wis.
Application April 1, 1935, Serial No. 14,149
1 Claim. (Cl. 12—1)



As a new article of manufacture, for attachment to toe softening apparatus, a guard member of metallic material and open dish-shaped, said member being provided with an attaching flange at one end and a stopping flange extending upwardly about the other end, said stopping flange being corrugated to make rigid the material of the guard member and to provide a slight air or heat circulating space between the upturned edges of the guard member and the shoe when the latter is disposed thereon.

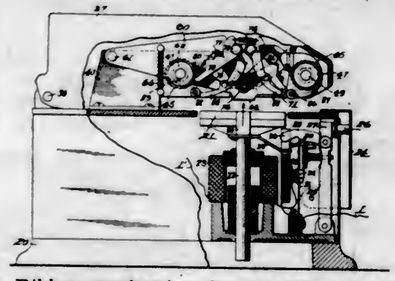
2,126,346
SELF-LOCKING COTTER PIN
William McLure Rosborough, Charlotte, N. C.
Application June 24, 1933, Serial No. 677,494
13 Claims. (Cl. 151—5)

5. The combination with a bolt or the like having a cotter pin opening extending therethrough, of a cotter pin inserted in said opening and adapted to be locked therein comprising a collapsible head portion, and leg portions joined together at the point end of the pin, one of the leg portions at a point inwardly of the point end of the pin and substantially at the periphery of said bolt or the like being weakened, whereby



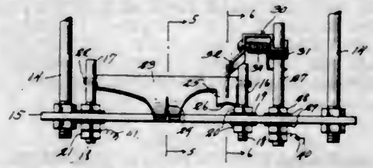
upon collapse of the cotter pin head a strut will be formed between the point end of the pin and the said point of weakening, which strut will force the other leg portion outwardly into bent condition, thereby forming and maintaining a wedge engaging the bolt at the end of the cotter opposite the head thereof.

2,126,347
RIBBON MECHANISM FOR RECORDING APPARATUS
Alfred Ruttiman, Gardner, Mass., assignor to Simplex Time Recorder Co., Gardner, Mass., a corporation of Massachusetts
Application November 12, 1936, Serial No. 110,481
12 Claims. (Cl. 197—161)



7. Ribbon mechanism for recording apparatus comprising ribbon spools mounted to rotate about spaced axes, feeding means for said spools, means to reverse said feeding means, power means to effect an impression on said recording apparatus, and connections through which said power means actuates said reversing means on its power stroke and simultaneously gives said feeding means an idle return movement.

2,126,348
KNOT ACTUATED STOP MOTION
Mitchell H. Rosenfeld, Cleveland Heights, Ohio
Application September 9, 1937, Serial No. 163,151
3 Claims. (Cl. 28—64)



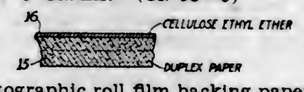
1. Knot detecting and stopping mechanism for textile machines, including a supporting member, insulated posts extending upward therefrom, a plate rotatably mounted in said posts, the plate having an inwardly extending slot through which a yarn is adapted to pass, the slot being of such width as to permit the free passage of the yarn when of a uniform diameter but preventing the passage of the yarn when knotted or thickened,

the plate having a projecting lug at one end, a latch pivotally supported upon the said support and having an arm extending down over said lug, the arm being formed with ratchet notches, means for preventing the arm from contacting with the plate when the latter is in a lowered position, the ratchet notches in the arm engaging said lug and holding the plate raised, one of the posts supporting the plate and the latch being electrically connected in circuit with a stop motion actuating device.

2,126,349
PHOTOGRAPHIC DEVELOPING AND FIXING SOLUTION
Martti Salo, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application June 12, 1936, Serial No. 84,873
10 Claims. (Cl. 95—6)

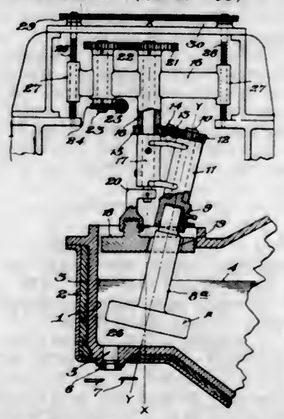
1. The method of treating an exposed photographic element which comprises immersing the element including a layer of hydrolyzed cellulose monobasic organic acid ester of about 26% to about 33% acyl content containing a silver salt, in a processing solution containing an organic swelling agent for the cellulose ester.

2,126,350
BACKING PAPER FOR ROLL COATING FILM
Paul C. Seel, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application April 3, 1937, Serial No. 134,913
3 Claims. (Cl. 95—9)



2. A photographic roll film backing paper comprising an opaque paper coated with a layer of cellulose ethyl ether having an ethoxyl content of about 49%.

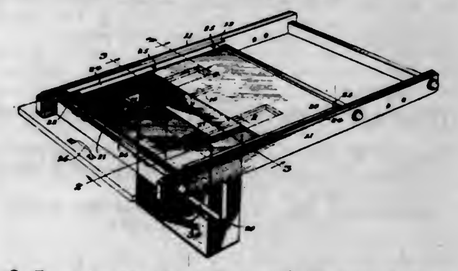
2,126,351
APPARATUS FOR FEEDING CHARGES OF MOLTEN GLASS
Donald E. Sharp, Hamburg, N. Y.
Application February 27, 1936, Serial No. 66,111
25 Claims. (Cl. 49—55)



1. Glass feeding apparatus comprising a bowl formed with a submerged outlet therein for containing a supply of molten glass, and an impeller within said bowl, and means for wabbling said impeller in a circulatory manner about a point located substantially centrally thereof to apply alternately an increasing and diminishing pressure upon the glass above the outlet to force said glass from said outlet in a pulsating stream.

5. Glass feeding apparatus comprising a bowl formed with a submerged outlet therein for containing a supply of molten glass, a disc shaped impeller within said bowl and submerged in said glass, means for mounting said impeller on an axis inclined with respect to said outlet, means for moving said impeller bodily in an inverted conical path to apply alternately an increasing and diminishing pressure upon the glass above the outlet to force said glass from said outlet in a pulsating stream, and means for rotating said impeller about its inclined axis.

2,126,352
WRITING MACHINE
James A. Smith, Elmira, N. Y., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application June 13, 1936, Serial No. 85,011
24 Claims. (Cl. 197—3)



3. In a typewriting machine, the combination with a printing element; of a sectional platen with which the printing element co-acts; the platen sections being relatively shiftable, the inner edge of one of the sections being recessed to removably accommodate opposite walls of a formed article, in position to enable the intermediate wall to be printed upon.

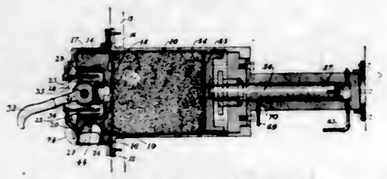
2,126,353
TRAY
Jack Solomon, New York, N. Y.
Application April 4, 1936, Serial No. 72,717
5 Claims. (Cl. 65—53)



5. In a tray, the combination of a floor plate, substantially flat vertical end pieces extending along the ends of the floor plate having horizontal flanges underlapping the bottom surface of the floor plate and openings at their ends in the vertical flat portion, side pieces extending along the sides of the floor plate having webs inturned to form ledges underlapping the same, and downturned to form retaining members bearing on the upper surface of the floor plate to hold the same against the ledges, tabs on the side pieces longitudinally disposed in respect thereto to engage the openings of the flat end pieces for joining the end pieces to the side pieces and

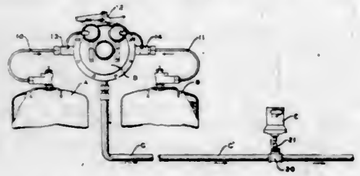
handles on the outer sides of the end pieces, whereby upon the disengagement of the tabs from the end pieces the tray may be disassembled and upon the engagement of the tabs the tray is assembled.

2,126,354
DISPENSING APPARATUS
Howard C. Sullivan, Cottage City, Md., and Arthur A. Wotier, Washington, D. C.
Application May 3, 1937, Serial No. 140,512
18 Claims. (Cl. 107—8)



1. In a dispenser, a container, a head at one end of said container, a cutter on said head to shave the material in said container, a mold, means whereby movement of the cutter will charge said mold with shaved material, means for moving said cutter, and means operated by said cutter moving means for forcing the material in said container against said head.

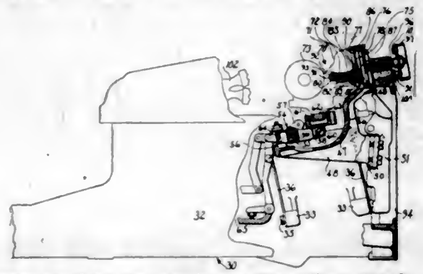
2,126,355
INDICATING DEVICE FOR FUEL FEEDING SYSTEMS
Rosswell W. Thomas, Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application May 21, 1935, Serial No. 22,637
7 Claims. (Cl. 116—114)



7. In a fuel supply system, a plurality of fuel containing drums, a fuel feeding supply line, a change-over device connected with each of said drums and with said supply line adapted automatically to disconnect a depleted drum from said supply line and to connect a full drum therewith, operation of said change-over device causing a pressure surge in said supply line, a signal interposed in said supply line, said signal comprising an indicating element having only two indicating positions and being normally in one position, means actuated solely by said pressure surge to move said indicating element to the second position, whereby there is always an indication of which said drum is connected to said supply line.

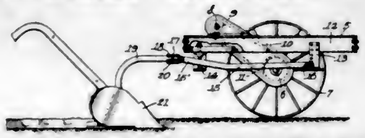
2,126,356
TYPEWRITING MACHINE
Russell G. Thompson, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application February 20, 1937, Serial No. 126,902
17 Claims. (Cl. 197—149)

1. In a typewriting machine, platen-carriage supporting means comprising, a spring-supported cross-member, a case-shift frame pivoted on the



cross-member, a carriage-supporting track on said frame, and a platen-carriage on said track.

2,126,357
TRACTOR HITCH
Garry W. Todd, Charlotte, N. C.
Application May 11, 1937, Serial No. 142,042
2 Claims. (Cl. 280—33.44)



1. The combination with a tractor of the sulky type, of a hitching device comprising a draw bar, means for pivotally connecting the draw bar to the tractor frame at a point substantially one-half of the distance between the front end of the tractor frame and axles of the tractor, and means for restricting vertical movement of the rear end of the draw bar.

2,126,358
SHEEP VACCINATOR
Henry W. Townsend and Everett E. Townsend, Fort Stockton, Tex.
Application January 6, 1938, Serial No. 183,728
2 Claims. (Cl. 128—333)

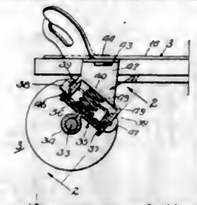


1. A vaccinating instrument comprising a barrel, a nozzle secured in one end of the barrel, said nozzle having a bore tapering towards the free end thereof, a needle shank operating through the barrel, a needle on one end of the shank, said needle being tapered corresponding to the taper of the bore of the nozzle and said shank adapted to be moved through the barrel adjusting the seating of the needle in the bore, controlling the rate of flow of vaccine from the barrel.

2,126,359
ROLLER SKATE
Clarence Vogt, Wenonah, N. J.
Original application May 22, 1936, Serial No. 81,325. Divided and this application December 3, 1936, Serial No. 114,090
6 Claims. (Cl. 280—11.28)

6. In a device of the character set forth, a bracket, a pin mounted in said bracket, a second bracket mounted on said pin, and a plate residing intermediate the first and second brackets, resilient means interposed between said plate and said first bracket tending to resist relative rotation

of the second bracket with respect to the first mentioned bracket, said plate and first bracket including portions constructed and arranged to

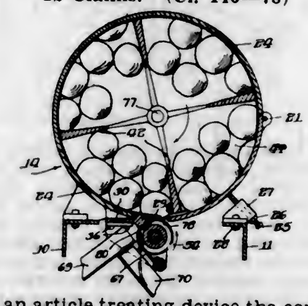


engage one another upon relative rotation of the brackets so that the first bracket will actuate the plate toward said first bracket to effect a compression of said resilient means therebetween.

2,126,360
POLYCYCLIC COMPOUNDS FROM CHRYSENE AND A PROCESS OF PREPARING THEM
Heinrich Vollmann, Frankfort-on-the-Main, and Hans Becker, Hofheim-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application August 23, 1935, Serial No. 37,599. In Germany September 27, 1934
9 Claims. (Cl. 260—161)

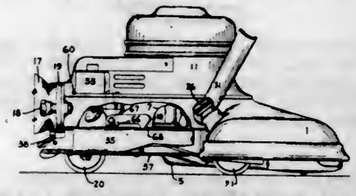
1. The process which comprises causing a condensing agent of the group consisting of aluminum chloride and ferric chloride to act on a compound selected from the group consisting of chrysene, monohalogenated chrysene and dihalogenated chrysene.

2,126,361
VEGETABLE SHREDDER AND SLICER
William E. Urschel and Joe Richard Urschel, Valparaiso, Ind.
Application March 30, 1936, Serial No. 71,570
12 Claims. (Cl. 146—78)



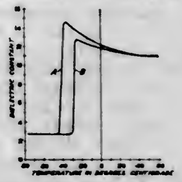
1. In an article treating device the combination of a drum having a relatively smooth inner wall, a section of the periphery of said drum being pivotally mounted whereby the free edge of said pivotally mounted section may be adjusted relatively to the opposed edge of the free edge of the remainder of the drum whereby to provide a slot between said opposed edges extending transversely of the smooth inner wall of the drum, means for adjusting the pivotal movement of said pivotally mounted wall section to determine the width of said slot, the wall of one of said drum sections being provided with a slicing knife extending transversely of the wall section, rotatable means disposed within said drum and having impeller means adapted to receive therebetween a quantity of commodity to be sliced whereby upon the rotation of said impeller members said commodity will be centrifuged against the inner smooth wall of said drum and forced to travel across the slicing knife disposed in said slot, and means for receiving and discharging a slice of the commodity as it passes through said slot, and a plurality of knives disposed at said slot and operatively associated with the slicing knife for cutting the slice into a plurality of elongated strips of predetermined cross-section, and means for deflecting the cut slices downward from between the knife blades.

2,126,362
SUCTION CLEANER
Uncas A. Whitaker and Harry B. White, Canton, and Charles H. Taylor, North Canton, Ohio, assignors to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application November 20, 1935, Serial No. 50,634
14 Claims. (Cl. 15—6)



1. In a suction cleaner of the type adapted for on-the-floor and for off-the-floor cleaning, suction creating means, main and secondary suction inlets, main and secondary pressure outlets, valve means to seal said main suction inlet from said suction creating means and to connect said secondary suction inlet thereto, valve means to seal said main pressure outlet from the pressure side of said suction creating means and to connect said secondary pressure outlet thereto, and means preventing the connection of a dusting tool hose to said secondary pressure outlet with said main suction inlet connected to said suction-creating means.

2,126,363
DIELECTRIC MATERIAL
Addison H. White, East Orange, and William A. Yager, Livingston, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 28, 1935, Serial No. 13,438
26 Claims. (Cl. 106—12)

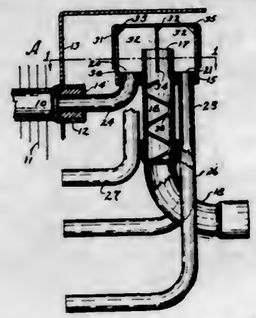


1. A dielectric material for electrical apparatus comprising as a major constituent a polar derivative of a polymethylene cyclic carbon compound which in the solid state undergoes a transition in dielectric properties at a particular temperature.

2,126,364
EVAPORATOR DISTRIBUTOR HEAD
Ernst Witzel, Racine, Wis., assignor to Young Radiator Company, Racine, Wis., a corporation of Wisconsin
Application July 14, 1937, Serial No. 153,626
6 Claims. (Cl. 62—126)

2. An evaporator distributor head comprising a vertically positioned chamber having a hori-

zontally positioned bottom, a refrigerant inlet tube positioned centrally in said bottom, refrigerant outlet tubes in said bottom being evenly spaced around said inlet, partition walls radiating



from the center of said inlet and dividing the space in said chamber into individual passageways between said inlet and outlets, said inlet having means adapted to cause the refrigerant to travel spirally therein.

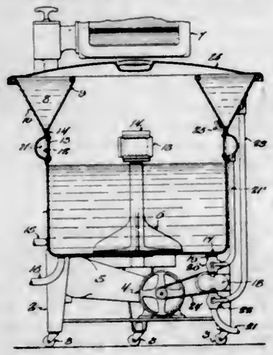
2,126,365

WASHING MACHINE

Demetrios G. Alexopoulos, Milwaukee, Wis.

Application November 2, 1935, Serial No. 48,031

2 Claims. (Cl. 68—207)



1. A washing machine including a receptacle having an outlet opening in the side wall intermediate its top and bottom, and a drain opening in its bottom, means for regulating said outlet opening, a reservoir mounted upon said receptacle adjacent its upper end and provided with a drain opening communicating with said receptacle, a circulating pump having communication with the outlet and drain openings of said receptacle and also with the reservoir, and means controlling said communication for selectively withdrawing scum through said outlet opening or storing water from said receptacle in said reservoir.

2,126,366

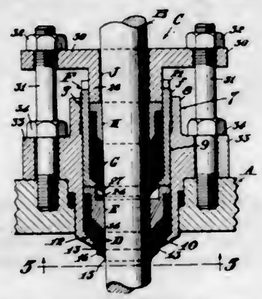
WIPER PACKING GLAND

Tanner E. Boyer, Bell, Calif., assignor of one-half to Lester P. Stockman, Los Angeles, Calif.

Application May 11, 1936, Serial No. 79,043

7 Claims. (Cl. 286—35)

1. In a gland for packing reciprocal shafts, an annular wall encircling the shaft in spaced relation thereto, an inturned marginal flange on said wall formed with a downwardly inclined upper face, said flange terminating in spaced relation to the shaft, a combined packing and wiping ele-



ment seating on said flange having a marginal wiping lip extruded beneath said flange in wiping contact with the shaft, and means for crowding said element into packing contact with the shaft.

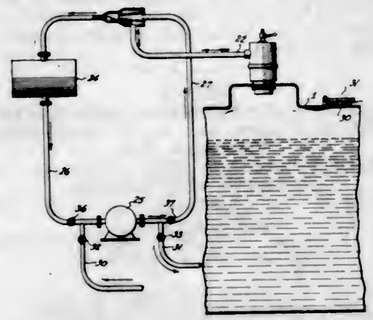
2,126,367

TANK FOR VOLATILE LIQUIDS

Millard E. Clawson and Frank Mohnk, Ponca City, Okla., assignors to Continental Oil Company, Ponca City, Okla., a corporation of Delaware

Application June 5, 1936, Serial No. 83,679

3 Claims. (Cl. 220—85)



1. In a tank for the storage of volatile liquids, a relief valve, a spring for urging said valve to seated position, a flange surrounding said valve on the exterior of said tank, a casing adapted to be seated upon said flange, a member projecting through said casing from the exterior thereof, adapted to engage said valve, means for operating said member from the exterior of said casing to lift said valve from its seat, said casing being provided with an opening, a conduit communicating with the interior of said casing through said opening for the eduction of vapors from said casing, and means for contacting said vapors with an absorption menstruum.

2,126,368

PROCESS OF BREAKING EMULSIONS

Ivor Milton Colbeth, East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application April 6, 1934, Serial No. 719,293

7 Claims. (Cl. 196—4)

1. The process of breaking emulsions, which comprises mixing with emulsified liquids castor oil that has been bleached by oxidation at a temperature of about 320° F. and then oxidized by blowing air through it while the oil is at a temperature of approximately 285° F.

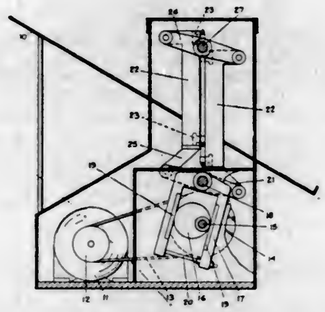
2,126,369

DRIVE FOR RECIPROCATING BREAD SLICING MACHINES

Sander Debus, Hastings, Nebr., assignor to U. S. Slicing Machine Company, a corporation of Indiana

Application March 1, 1934, Serial No. 713,488

2 Claims. (Cl. 146—153)



1. In a bread slicing machine, a pair of interfitting knife frames, each of said knife frames consisting of a pair of side rails and top and bottom rails secured together in rectangular relation, brackets secured to said top and bottom rails of both of said knife frames, each of said brackets having comblike members interfitting with the comblike members of the opposite of said knife frames, parallel knives secured at their extremities to said comblike members of both of said knife frames, means for reciprocating one of said knife frames, said means including a cam and a yoke embraced thereby and a connection between said yoke and a knife frame, and means for maintaining the knives of both of said knife frames in substantial parallelism, said latter means holding said frames in parallelism during the reciprocation of the frames while simultaneously moving said frames toward or away from each other.

2,126,370

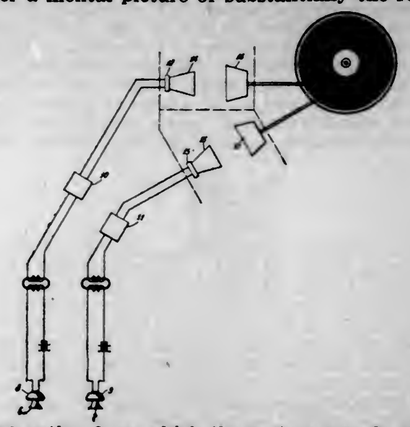
SOUND RECORDING AND SOUND REPRODUCING AND LOCATING APPARATUS

Franklin M. Doolittle, New Haven, Conn., assignor to Radio Corporation of America, a corporation of Delaware

Original application June 14, 1921, Serial No. 477,360. Patent No. 1,817,177. Divided and this application July 3, 1931, Serial No. 548,517

1 Claim. (Cl. 179—100.4)

In a means for recording sounds, a source of sound energy, a plurality of spaced microphones each adapted to receive an independent train of energy of the same sound wave whereby a plurality of variations of the same sound are produced, means associated with each of said microphones for amplifying the sound energy, and means for separately recording the output of each microphone on a permanent record, said record comprising a separate path for each train of sound energy whereby the recorded sound when reproduced evokes in the mind of the listener a mental picture of substantially the rela-



tive location from which the various sounds originally came.

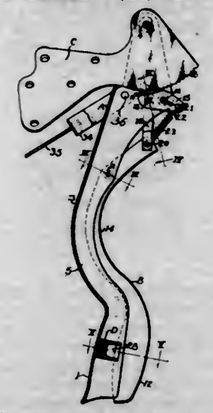
2,126,371

BRAKE LEVER

Charles Robert Duncan, Waukegan, Ill., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan

Application November 19, 1936, Serial No. 111,572

9 Claims. (Cl. 74—537)



1. Brake lever construction including a brake lever proper and an operating handle, said lever proper and said handle being stampings of substantially U shape in cross section and the two being assembled with the walls of one snugly overlapping the walls of the other and with the webs in opposition, said lever and handle being pivoted together, a pawl pivoted to said lever proper at a point between the ends of the pawl, said pawl having a detent at one end to engage a ratchet, a pin carried by said operating handle, link means connecting the detent end of said pawl to said pin, and spring means connecting the other end of said pawl to said pin.

2,126,372

VEHICLE WHEEL

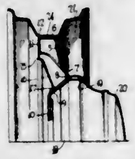
Carolus L. Eksergian, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania

Application May 7, 1934, Serial No. 724,234

5 Claims. (Cl. 301—64)

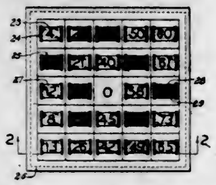
1. An artillery steel wheel comprising a one-

piece main load front spider stamping of radially outwardly tapering heavy gauge sheet metal including spoke portions of rear opening deep channel section having closed outer ends and embodying a conical nave merging through a gradually curved section into a rearwardly converging conical annulus having a radially inner rear end bolting-on flange, and a rear spider of lighter-gauge sheet metal including spoke portions of front opening shallow channel section having closed



outer ends and flash welded in abutting outer end and channel side edge relation to the corresponding edges of the front spider to form tubular composite spokes closed at the ends and sides, said rear spider also including a conical annulus radially inwardly of its spoke portions converging forwardly therefrom and having a rearwardly turned radially inner margin nesting within, and welded to, said rearwardly converging conical annulus of the front spider adjacent to the juncture thereof with the bolting-on flange.

2,126,373
GAME MARKER
Joseph Emanuel, Cleveland, Ohio
Application February 2, 1938, Serial No. 188,332
4 Claims. (Cl. 273—136)



1. A game board comprising in combination, a base board, an indicia board having a plurality of symbols marked thereon attached to the base board, the said indicia board also having parallel slots adjacent to the individual symbols, a plurality of sleeve-markers projecting through the slots and circumferentially rotatable over the said symbols, each of the said sleeve-markers made of flexible material one-half of which is transparent and one-half of which is opaque in a manner that permits either a full disclosure or a full coverage of a said symbol.

2,126,374
PRODUCT BASED UPON MATÉ AND PROCESS OF MAKING THE SAME
David Edward Fink, Kansas City, Mo.
No Drawing. Application October 22, 1937, Serial No. 170,471
3 Claims. (Cl. 99—28)

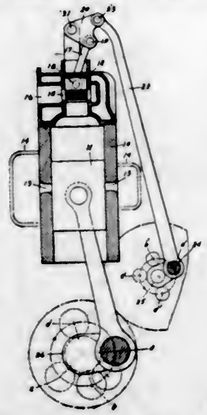
1. The process of preparing a beverage ingredient from maté which comprises boiling the leaves of maté in a solution of faintly acidulated water for a period of approximately ten minutes (10 min.); removing any tannin from the resulting solution; and forming a syrupy concentrate by adding sugar and water to the said resulting solution while boiling.

2,126,375
HAIR TREATING COMPOUND
Ernest O. Frederics, Bronxville, and James C. Brown, Mount Vernon, N. Y.; said Brown assignor to said Frederics
No Drawing. Application February 23, 1935, Serial No. 7,842
4 Claims. (Cl. 167—87.1)

1. The method of treating hair consisting in applying to the hair a pad impregnated with a solution containing ammonium hydroxide and a sulfite of an alkali metal, and heating said pad.

3. A hair-treating compound comprising a solution containing ammonium hydroxide and a sulfite of an alkali metal.

2,126,376
TWO-CYCLE DIESEL ENGINE
Charles G. Curtis, New York, N. Y.
Application February 1, 1935, Serial No. 4,515
3 Claims. (Cl. 123—65)

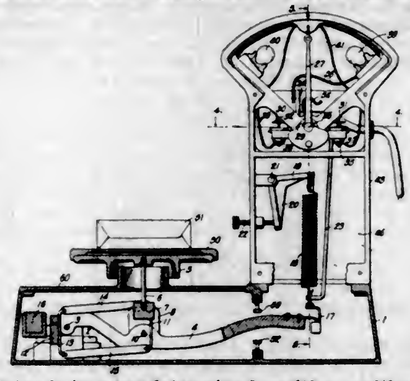


1. A two-stroke cycle engine comprising a cylinder and piston, a crank and connections for transmitting the reciprocatory movements of said piston to said crank, an inlet port and an exhaust port, and a port-controlling means comprising a piston valve, a bell-crank, a rod connecting an arm of said bell-crank and piston valve, a crank turning at the same speed of revolution as said engine-crank, and a rod connecting the second-named crank and an arm of said bell crank, the arrangement of said cranks and connections being such that the rod connected to said piston-valve and the arm of the bell crank to which it is connected are approximately on dead center at the same time that the engine-crank and its connecting-rod are on dead-center.

2,126,377
INDICATING SCALE
Ernest D. Fear and Thomas L. Siebenthaler, Kansas City, Mo., assignors to De-Raef Corporation, Kansas City, Mo., a corporation of Missouri
Application January 28, 1937, Serial No. 122,762
3 Claims. (Cl. 265—58)

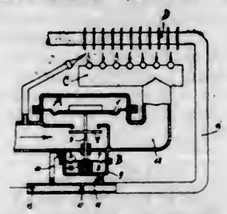
1. In a scale, a beam, a pointer shaft, a pinion on said pointer shaft, a rack engaging said pinion, a link connecting said rack to said beam whereby movement of said beam is adapted to rotate said pointer shaft, an arm, means for mounting said arm on said pointer shaft, a pair of contact members carried by said arm, a pair of

incandescent lamps, circuits for said lamps adapted to be completed by said contact points, the construction being such that when said



pointer is in a predetermined position, neither of said circuits will be completed and, at other times, one or the other of said circuits will be completed to indicate overweight or underweight.

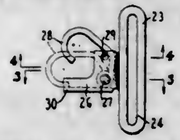
2,126,378
CONTROLLER FOR GAS-HEATED APPARATUS
Kurt Fiedler, Stuttgart, and Georg Hegwein and Otto Merten, Dessau, and Friedrich Wilhelm Stockmeyer, Stuttgart, Germany, assignors to Junkers & Co. G. m. b. H., Dessau, Germany
Application February 5, 1934, Serial No. 709,679½
In Germany February 8, 1933
18 Claims. (Cl. 236—25)



1. A controller for gas-heated apparatus, including a casing having a gas passage therein, a differential pressure operated gas valve in said passage subject to variations in gas pressure and adapted to govern one condition in the gas flow, and an auxiliary valve in said gas passage subject to the influence of at least one factor in the working of the apparatus and adapted to cause gas pressure variations on opposite sides of said valve in accordance with variations in said factor and thus to cause variations in the adjustment of said gas valve on variation of said factor.

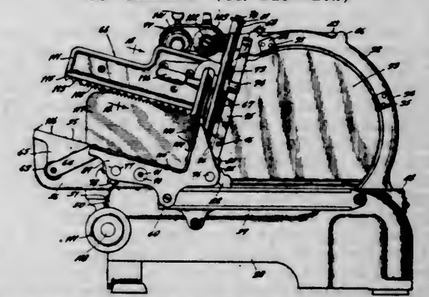
2,126,379
CLASP FOR GOGGLES
Charles Fischer, New York, N. Y.
Application February 25, 1937, Serial No. 127,593
2 Claims. (Cl. 24—232)

2. A clasp for goggle head bands comprising a slotted head band receiving member, a hook receiving member attached to one side of the head band receiving member, said hook receiving member being U-shaped in cross-section both longitudinally and transversely, and a hook pivoted in said hook receiving member adjacent the juncture of the longitudinal and transverse closed edges thereof and extending toward the open side of said hook receiving member, inwardly extending spring jaws formed in said hook receiving member near juncture of the closed transverse edge and the open edges thereof, said hook in its open position being located on one side of the



spring jaws and in its closed position on the other side thereof, and the free end of said hook engaging the longitudinal closed edge of said hook receiving member at a point remote from the pivot of said hook when the hook is in the closed position.

2,126,380
SLICING MACHINE
Joseph Folk, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application September 17, 1932, Serial No. 633,594
15 Claims. (Cl. 146—102)

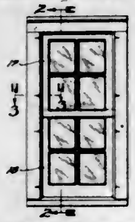


1. In a slicing machine, the combination with a slicing knife, of a substance support movable relative to said knife in a path substantially parallel to the cutting plane of said knife, a plurality of ribs on said substance support, means for feeding a substance along said support toward the cutting plane of said knife, said ribs having sharp substance engaging portions adjacent the cutting plane of said knife, of a cross-section such that one side of the rib is substantially perpendicular to the substance support and the opposite side thereof is at a substantial angle to the substance support, the perpendicular side of said rib facing in a direction toward the cutting edge of said knife, and said ribs having a cross-section remote from the cutting plane of said knife which is substantially arcuate in cross-section to provide a broad substance engaging portion which will not cut into the substance.

2,126,381
WINDOW CONSTRUCTION
Martin Francis Gagnier, Detroit, Mich.
Application January 18, 1937, Serial No. 121,070
2 Claims. (Cl. 20—12)

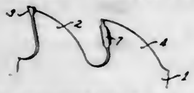
1. A window construction comprising a frame, said frame having a pair of sheet metal strips removably secured on each side of said frame interiorly thereof, each strip being preformed to provide a pair of sash receiving channels therein, whereby each pair of said strips at one side of the window may serve to provide four substantially parallel glass receiving channels at the side

of the window, sashes mounted for vertical movement in said channels and means carried



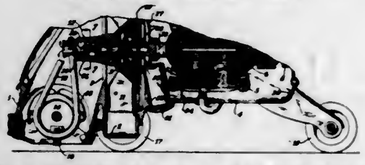
by said sashes adapted to engage the bases of said channels.

2,126,382
BAND SAW
Henry J. Goff and Emil O. Setzer, Stockton, Calif., assignors to Stockton Box Company, Stockton, Calif., a corporation
Application January 27, 1936, Serial No. 61,066
1 Claim. (Cl. 143—140)



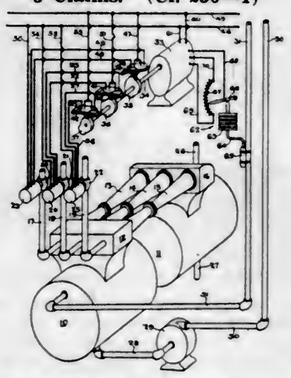
A saw blade comprising a plurality of spaced teeth extending along one edge of the body of the blade, each alternate tooth being a cutting tooth and the intermediate teeth being cleaning teeth, each cutting tooth having its cutting edge extending laterally to each side of the body of the tooth and the sides of such edge converging toward each other from the point of the cutting tooth into the body of the tooth just back of the point of such tooth, each cleaning tooth having cutting edges extending laterally to each side of the tooth at a point intermediate the outer end and the throat of the tooth and commencing at a point substantially in line with a line through the point at which the sides of the cutting edge of the cutting tooth converge into the body of the tooth, and the cutting edges of the cleaning tooth extending laterally beyond the plane of the widest portion of the cutting edge on the cutting tooth.

2,126,383
SUCTION CLEANER
Frank A. Grothe, North Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application June 8, 1934, Serial No. 729,549
16 Claims. (Cl. 21—127)



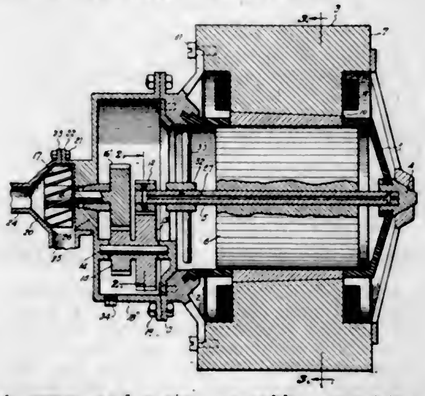
5. In a suction cleaner, a nozzle, a fan chamber open thereto, and a motor casing adjacent said chamber and communicating with atmosphere, a motor in said casing having a hollow shaft extended into said fan chamber, a fan on said shaft in said fan chamber, said shaft being interiorly connected to said motor casing and to a point of low pressure created by said fan, an air-conditioning unit in said casing, said motor and said unit arranged in said casing so that air drawn through said hollow shaft by said fan first passes therethrough.

2,126,384
MULTIPLE STEAM JET REFRIGERATING SYSTEM
John E. Haines, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application January 8, 1936, Serial No. 58,119
3 Claims. (Cl. 236—1)



1. In a refrigerating system having an evaporator, a condenser and a plurality of ejectors, the combination of means for circulating cooling fluid to and from the evaporator, a steam valve for each ejector for controlling the supply of steam to the ejector, an electric motor for each valve for opening and closing the same, a switching means electrically connected to each motor for controlling the operation thereof, a proportioning motor for operating successively each switching means, thermostatic means responsive to the temperature of the cooling fluid returning to the evaporator, and variable resistance means operatively connected to the proportioning motor and adjusted by said thermostatic means to variably position said proportioning motor whereby the steam valves are opened successively in accordance with the load on the refrigerating system.

2,126,385
PUMPING ASSEMBLY
Carl G. Harbordt, Kansas City, Mo.
Original application July 3, 1933, Serial No. 678,788. Divided and this application July 10, 1936, Serial No. 89,889
1 Claim. (Cl. 230—117)

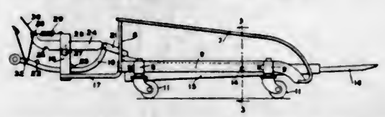


A pump and motor assembly comprising in combination a sealed housing of non-magnetic material, magnetic inserts forming portions of the walls of said housing and extending therethrough, a rotor of an electric motor positioned within said housing, a fluid pump, means for operatively connecting said rotor with said pump for driving the same, a stator having pole pieces, said magnetic inserts having their outer portions inclined with respect to the axis of said rotor, said pole pieces having surfaces oppositely inclined to the inclinations of said magnetic inserts and assembled in superimposed relationship with said magnetic inserts whereby said magnetic inserts form extensions of said pole pieces, the construction being such that the stator construction may be easily removed and leakage of fluid being pumped will be into said sealed housing.

2,126,386
COPPER-SILVER-BERYLLIUM-MAGNESIUM ALLOY
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Original application October 12, 1937, Serial No. 168,568. Divided and this application May 27, 1938, Serial No. 210,443
4 Claims. (Cl. 75—153)

1. An alloy composed of 0.03 to 3% beryllium, 0.05 to 4% silver, 0.05 to 10% of magnesium and the balance copper.

2,126,387
LOADING DEVICE
Daniel C. Hinds, Vandalia, Ill.
Application November 8, 1937, Serial No. 173,315
5 Claims. (Cl. 214—81)



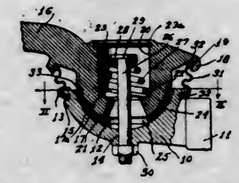
1. In a device of the class described, the combination with a frame mounted upon wheels, of a loading platform pivotally mounted in said frame to swing from an approximately horizontal to an inclined position, a tractor connection for imparting movement to the frame, said connection being attached to the platform whereby the latter is automatically swung to inclined position when movement is imparted to the frame in a rearward direction, and means automatically locking the connection to maintain the platform in tilted position when the frame is moved in a forward direction.

2,126,388
SELF-ALIGNING BEARING FOR CONNECTING RODS AND THE LIKE
Harry A. Hoke and Harry A. Brenaman, Altoona, Pa.
Application June 29, 1936, Serial No. 87,902
8 Claims. (Cl. 308—72)



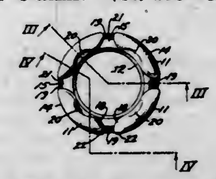
1. A self-aligning bearing for connecting rods and the like, comprising a spherical rotatively-floating pin-receiving sleeve fitting an annular opening with a continuous annular spherical surface in the rod, said sleeve being composed of a plurality of segments of which at least two are of longitudinally-tapered configuration and oppositely positioned end for end, so that upon axial shifting of the bearing until the center of the sleeve is in the plane of the end of the pin, the segments can be successively withdrawn from the front side of said opening by movement in the orbit of the sphere.

2,126,389
BALL JOINT
George H. Hufferd, Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio, a corporation of Ohio
Application October 19, 1936, Serial No. 106,342
3 Claims. (Cl. 287—90)



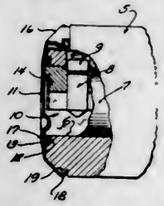
3. A joint adapted to carry heavy compression loads without binding which comprises an open topped housing having a hemi-spherical depression therein, a segmental ball member in said housing, said member having a shoulder thereabout above the housing but adapted to fit into the housing, a seat member interposed between the housing and ball member beneath the shoulder of the ball member having bearing surfaces on both sides thereof in bearing relation with the ball end and housing, said shoulder of the ball member adapted to abut the seat member to carry the seat member therewith during tilting movements thereof, said segmental ball member having a well therein with a shoulder at the bottom of the well and a bore extending from the bottom of the well through the ball member, seat member, and housing, a headed bolt slidably extending from said well through the bore and having a threaded end projecting below the housing, a coiled spring disposed around said bolt in said well seated at opposite ends thereof under the bolt head and on the shoulder at the bottom of the well and a nut on the projecting end of the bolt for sliding the bolt relative to the housing to regulate compression of the spring.

2,126,390
LIQUID CONTAINER
Bruce A. Jackson, Oakland, Calif.
Application January 7, 1938, Serial No. 183,870
4 Claims. (Cl. 215—31)



1. In a container, having a pouring outlet, the combination of upstanding wall portions extending above the level of said outlet, a relatively narrow pouring channel formed at the bottom of the space between adjacent ends of said wall portions, said channel extending down the outside of the container outlet rim where it terminates in an outwardly projecting bead, to form a pocket at the terminus of said channel.

2,126,391
LOCK
Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application May 10, 1937, Serial No. 141,713
4 Claims. (Cl. 70—417)



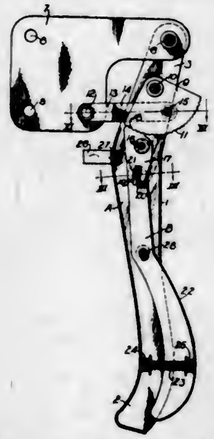
1. In a lock: a bored casing having a counterbore; a cylinder mounted in the bore with one end projecting into the counterbore; a cap overlying said end of the cylinder with its peripheral portion extending therebeyond, said end of the cylinder being spaced from the bottom of the counterbore so that the peripheral portion of the cap is held from contact with the casing; cooperating means on the cylinder and the cap to secure against relative rotation therebetween; and a ring-like cap secured over the adjacent end of the casing with its inner peripheral portion pressing against the front of the cylinder cap to hold the same in firm engagement therewith and secure the cylinder against outward endwise movement.

2,126,392
LEVER CONSTRUCTION
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application January 30, 1937, Serial No. 123,163
18 Claims. (Cl. 74—540)



1. A lever construction including a bracket, a lever pivoted to said bracket to swing, a link pivoted at one end to said bracket in laterally spaced relation to the lever pivot, a bar pivoted at one end to the other end of said link and lying with an edge along an edge of said lever, the adjacent edges of said lever and bar being provided with tortuous surfaces for latching engagement of the lever and bar, the tortuous surface of said lever constituting a rack, spring actuated means for normally holding said bar in latched relation with said rack, the action of said spring holding means causing said bar and link to assume obtuse angular relationship and act with toggle action, said spring actuated means being effective to prevent said bar and link from assuming straight line position thus maintaining said bar and link in toggle relation, the construction being such that movement of said lever in a direction to straighten said toggle causes the pivoted end of said bar to move away from said rack thus unlatching said bar from said rack and permitting lever movement in said direction with the other end of the bar riding over the rack without making latching engagement with the same, a load connected to said lever, the connection of said load to said lever tending to move said lever in retrograde movement when force moving said lever in said mentioned direction is released, said tendency to retrograde movement moving said bar in a direction to decrease the obtuseness of the angle between said bar and its link to thereby cause the pivoted end of said bar to move into latching engagement said rack and hold said lever in its then angular position.

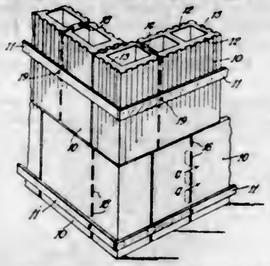
2,126,393
HAND BRAKE LEVER
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, Detroit, Mich., a corporation of Michigan
Application April 1, 1937, Serial No. 134,211
5 Claims. (Cl. 74—536)



1. A brake lever construction including a lever supported to swing, a pawl pivoted to said lever and having a series of teeth, a ratchet sector pivoted to said lever and having a series of teeth for meshing with the pawl teeth, the first tooth of the series of teeth of said pawl being offset with respect to a line through the centers of swing of said pawl and sector in such manner that the pawl and sector cooperate with toggle-like action to automatically release meshing engagement of the pawl and sector by rolling action of the meshed teeth when the lever is swung in setting direction and to effect meshed engagement when the lever tends to move in retrograde direction.

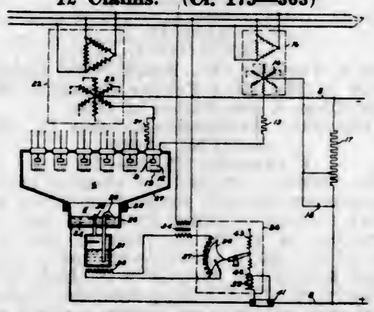
2,126,394
TILE BLOCK
Henry Jansen, Chicago, Ill., assignor to Janline Tile Company, Inc., Chicago, Ill., a corporation of Illinois
Application April 1, 1937, Serial No. 134,314
11 Claims. (Cl. 72—41)

1. A hollow tile block having a partition wall connecting the opposite side walls, one of said side walls forming boundaries for a plurality of elongated longitudinally aligned grooved recesses



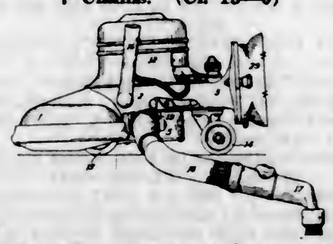
extending therethrough and terminating in said partition wall.

2,126,395
ELECTRIC VALVE CONTROL SYSTEM
Didier Journeaux, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application October 14, 1935, Serial No. 44,840
12 Claims. (Cl. 175—363)



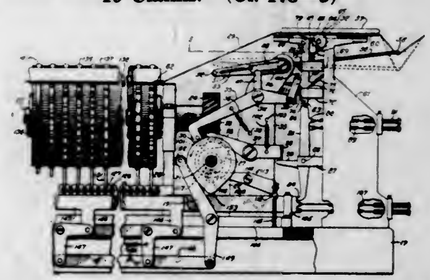
1. In combination, an electric valve of the condensable vapor type having an anode and a cathode, means other than said anode and cathode for vaporizing operating fluid condensed within said valve, means for introducing the vaporized fluid within the space adjacent said cathode, and means responsive to the magnitude of the flow of current through said valve for controlling the first said means.

2,126,396
SUCTION CLEANER
William H. Kitto, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application February 11, 1935, Serial No. 5,912. Renewed December 10, 1936. In Great Britain April 10, 1934
7 Claims. (Cl. 15—6)



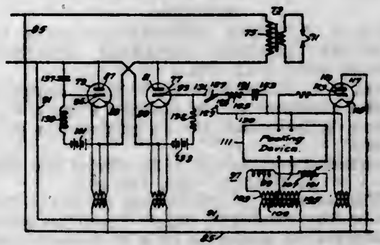
1. In a suction cleaner, a body including a nozzle, a fan chamber and an air passageway therebetween, and a motor-driven fan in said chamber; a conduit opening into said passageway at the eye of said fan chamber, a valve normally closing said conduit, fixed means closing a part of said fan chamber eye from said nozzle, said valve being movable from its conduit-closing position to a passageway-closing position in which it cooperates with said fixed means in closing said nozzle from said fan chamber, said conduit being adapted to receive and seat the end of a dusting tool unit and said valve being adapted to be contacted and moved thereby from said conduit-closing position to said passageway-closing position.

2,126,397
AUTOMATIC TAPE TRANSMITTER
Edward F. Kleinschmidt, Highland Park, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Original application November 1, 1930, Serial No. 492,855. Patent No. 2,000,083, dated May 7, 1935. Divided and this application April 5, 1934, Serial No. 719,104
19 Claims. (Cl. 178—5)



1. In a telegraph transmitter, a plurality of transmitting members each having elements for transmission of signals for one character, means for selecting said members by control of perforations in a tape, a cyclic cam shaft, and means for controlling the operation of said transmitter by tension of said tape jointly with said cam shaft.

2,126,398
ELECTRIC DISCHARGE APPARATUS
Dewey D. Knowles, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 3, 1935, Serial No. 43,361
25 Claims. (Cl. 250—27)



9. In combination a source of periodic potential, an electric discharge device having a plurality of principal electrodes, means for impressing a potential from said source between said principal electrodes, a second electric discharge device, the last said discharge device having a control electrode and a plurality of principal

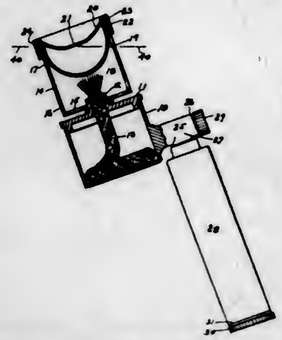
electrodes, means for impressing potential from said source between the last said principal electrodes which is in opposite phase to the potential impressed between the principal electrodes of said first-named discharge device, a circuit including a capacitor connected in series with the principal electrodes of said first-named discharge device, means for coupling said capacitor between said control electrode and a principal electrode of said last-named discharge device and connections between said discharge devices providing for the deposit of a positive charge on the plate of said capacitor which is coupled to said control electrode and a negative charge on the plate coupled to the principal electrode when said first-named discharge device is passing current.

2,126,399

SOLDERING DEVICE

Matthew Kohosoff, New York, N. Y.

Application May 5, 1937, Serial No. 140,823
3 Claims. (Cl. 126—240)



1. In combination with a soldering device of the type consisting of a fuel container adapted to rest on a flat surface, a support mounted on the fuel container and containing a combustion chamber and a solder pot secured in the support; a handle member secured to the lower part of the fuel chamber and extending sidewardly therefrom by which the device may be manipulated; a centrally-apertured cover placed over the solder pot; means for clamping the solder pot and the cover to the support; and the cover made concave so that the whole device may be tilted in any direction and at a considerable angle without spilling the solder from the solder pot.

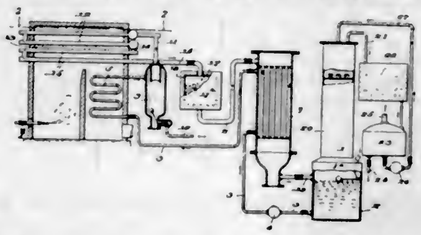
2,126,400

PROCESS OF AND APPARATUS FOR PRODUCING LOWER BOILING PRODUCTS FROM MINERAL OILS

William G. Leamon, New York, N. Y., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del., a corporation of Delaware

Application December 8, 1930, Serial No. 500,886
10 Claims. (Cl. 196—61)

1. The process of converting mineral oil into lower-boiling products, which comprises subjecting mineral oil traveling in a stream of relative small thickness to heat at temperatures below cracking temperatures but sufficiently high to vaporize a desired portion of said oil while leaving heavy constituents of the oil as liquid commingled with the vapors, separating such liquid from the vapors, passing said vapors relatively slowly through a relatively moderately-heated coil until they attain a temperature in the neighborhood of 875° F. but below vapor phase cracking temperature, then passing said vapors at high velocity through a relatively highly-heated coil until they attain a temperature not exceeding about 1100° F., discharging the vapors into a



cracking chamber wherein the average temperature is below 1100° F., but high enough for effective cracking, allowing said vapors to travel through said chamber slowly enough to permit extensive cracking to occur, and recovering a relatively low-boiling condensate from the cracked vapors.

2,126,401

EXPLOSIVE

Milton F. Lindsley, Jr., Kings Mills, Ohio, assignor to The King Powder Company, Kings Mills, Ohio, a corporation of Ohio

No Drawing. Application October 18, 1935, Serial No. 45,641
8 Claims. (Cl. 52—15)

1. An explosive adapted for blasting purposes comprising an explosive composition which is inherently capable of being detonated but which is comprised of grains too large in size to detonate with a No. 6 blasting cap, said explosive having a strength of about 20% to about 70% as determined by the Du Pont Ballistic Pendulum method, said explosive exhibiting a speed, when detonated, of from about 2500 to about 8000 feet per second as determined by the Cordeau Bickford method the grains of the explosive on their surfaces carrying a coating of a sensitizing agent sufficient in amount to render the explosive composition sensitive to detonation with a No. 6 blasting cap.

4. The method of making an explosive having a rate of detonation of about 2500 to 8000 feet per second as determined by the Cordeau Bickford method and adapted for blasting purposes, said method comprising, establishing an explosive composition which is inherently detonatable, forming said substance into grains too large to permit detonation with a No. 6 blasting cap, then surface treating said grains with a sensitizing agent sufficient in amount to offset the insensitivity due to large grain size but insufficient in amount to increase the rate of detonation above the range of about 2500 to 8000 feet per second.

2,126,402

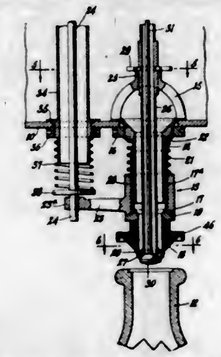
FILLING APPARATUS

Leslie A. Mapes, Palisade, N. J., assignor to The Borden Company, New York, N. Y., a corporation of New Jersey

Application September 14, 1936, Serial No. 100,612
10 Claims. (Cl. 226—124)

1. Apparatus for filling a small neck container with liquid material comprising a nozzle for flowing liquid into said container, a vent tube for the escape of air displaced by said liquid, said nozzle and vent tube cooperating to form a valve

controlling the flow of liquid, valve means for said vent tube, and means exterior of said nozzle



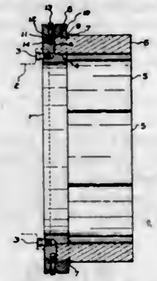
actuated by the opening of said liquid valve for opening said valve means.

2,126,403

GRINDING WHEEL

Thomas J. McIntyre, Jackson, Mich., assignor to Macklin Company, Jackson, Mich., a corporation of Michigan

Application May 22, 1936, Serial No. 81,223
2 Claims. (Cl. 51—209)



2. An abrasive device comprising a ring having an annular seat, a plurality of grinding wheel segments disposed in the form of a cylinder in said seat, said segments being axially slidable in said seat, a shoulder on said seat limiting axial movement of said segments on said seat in one direction, a plurality of shoes, one for each segment, means to draw said segments to said ring to clamp said segments in said seat, means including a portion of said shoes to prevent axial movement of said segments on said seat in the opposite direction, and a shoulder to prevent movement of said shoes axially of said ring in said opposite direction.

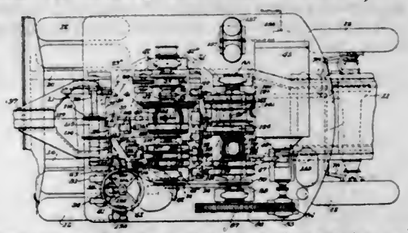
2,126,404

PORTABLE POWER SHOVEL AND THE LIKE

Leland O. McLean, Pittsburgh, Pa., assignor to Lidgerwood Manufacturing Company, Elizabeth, N. J., a corporation of New York

Application July 18, 1936, Serial No. 91,378
3 Claims. (Cl. 180—79.3)

1. In a vehicle of the character described, the combination of a dirigible chassis, a turntable rotatably mounted on the chassis, means for turning the table in either direction, a vertical shaft extending from the turntable through the axis of rotation thereof to the chassis for steering the same, means including said shaft for steering the chassis from the turntable, and means for locking said shaft relative to the



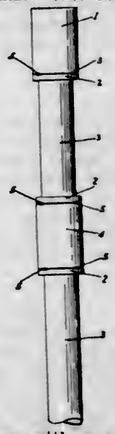
rotary turntable to guide the chassis by movement of the turntable.

2,126,405

PROTECTIVE DEVICE FOR DRILL PIPES

Henry Clay Weaver Miller, Los Angeles, Calif.

Application July 8, 1935, Serial No. 30,270
3 Claims. (Cl. 308—4)



2. In combination with a string of drill pipe formed of sections of pipe joined together with coupling members, a sectional ring of wear resisting material adapted to embrace the pipe, means securing said sections together about said pipe, there being indentations on the outer surface of the ring, and means in said indentations securing the ring to the end of a coupling member, said ring, coupling member and means securing them together being substantially flush on the outside.

2,126,406

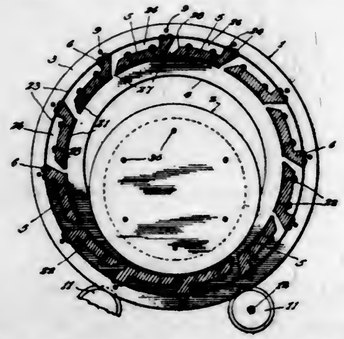
QUARTZ MILL

Frederick L. Minnick, Spokane, Wash., assignor to Mephisto Quartz Mill Co., Spokane, Wash., a corporation of Washington

Application May 22, 1936, Serial No. 81,331
1 Claim. (Cl. 83—9)

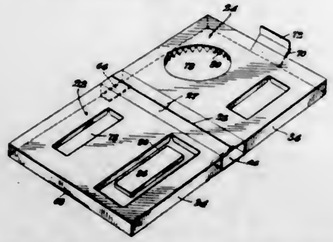
A mill comprising a drum rotatable about a horizontal axis and having heads and an annular wall, the heads having their inner faces formed with recesses and the annular wall consisting of a plurality of longitudinally extending sections spaced from each other circumferentially of the drum and having their end portions seated in said recesses, tie-rods externally of the annular wall extending longitudinally of the drum with their end portions extending through the heads and maintaining the heads in engagement with ends of the annular wall sections to hold the ends of the said wall sections in said recesses,

said sections being each formed along one side edge with an outstanding rib, sheets of screening secured against the ribs of said wall sections and together with the wall sections defining a



plurality of pockets having screened outer portions and each having a reduced inlet formed by spaced portions of the sections, and crushing means in said drum.

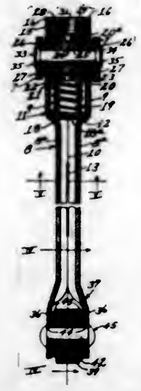
2,126,407
BOOK DISPLAY BOX
Frederick S. Payne, River Edge, N. J., and Frank W. Broderick, New Brighton, N. Y., assignors to Reynolds Metals Company, New York, N. Y., a corporation of Delaware
Application June 20, 1936, Serial No. 86,286
7 Claims. (Cl. 206—44)



1. A book box adapted to contain merchandise for shipping and display purposes, comprising two equal compartments each having outer and inner parallel and superposed panels of generally equal size, and side and end wall portions, an elongated binder panel similar to a book binder hingedly connected on one longitudinal edge to one of said outer panels, and on the other longitudinal edge to the other of said outer panels, and an elongated stop panel foldable longitudinally and of generally similar size and shape as said binder panel and comparably connected to said inner panels, whereby when the book box is open to one hundred and eighty degrees, the stop panel operates as a stop and is in parallel and superposed relation to said binder panel.

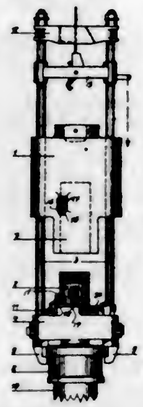
2,126,408
LINK ASSEMBLY
Ralph F. Peo, Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application July 23, 1934, Serial No. 736,492
6 Claims. (Cl. 74—579)

3. A link assembly comprising complementary elongated sections secured together along mating edges thereof to form at one end a housing having intersecting cylindrical walls providing an axial and a transverse bore, a universal bearing assembly within said bores including a member having ends extending freely through the transverse bore, a bifurcated member connected to



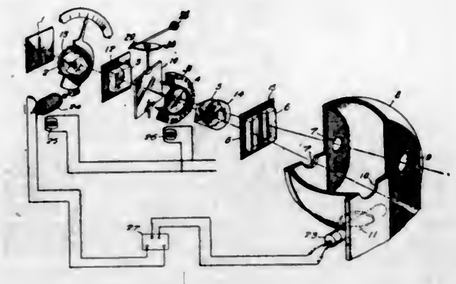
said ends, said sections defining at the other end thereof a female joint housing, a resilient bushing in said housing and a stud member seated in said bushing whereby the bifurcated member and the stud member are operatively connected by the secured together sections and universally movable relative thereto and to each other.

2,126,409
DIESEL PILE DRIVER
Paul Pfeiffer, Altona-Hamburg, Germany
Application March 6, 1936, Serial No. 67,432
In Germany March 8, 1935
6 Claims. (Cl. 61—73)



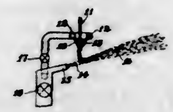
1. In an explosion operated pile driver, in combination with a stanchion, a cross-head guided thereon and an anvil to be seated on the pile to be driven, of a piston adapted to loosely rest on said anvil and formed with a cross-piece guided on said stanchion, guide-rods connecting said cross-head and the cross-piece on said piston, and a working cylinder constituting the ram for imparting impacts to said anvil, said cylinder being movable relative to said piston and guided by said guide-rods, said cylinder and piston being free to separate a substantial distance.

2,126,410
SPECTROPHOTOMETER
Orrin Weston Pineo, Milo, Maine, assignor to The Calco Chemical Company, Inc., Bridgewater Township, New Jersey, a corporation of Delaware
Application March 18, 1935, Serial No. 11,600
In Great Britain March 19, 1934
13 Claims. (Cl. 88—14)



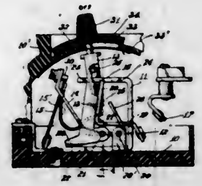
1. A photometer having a flicker mechanism including in optical alignment the following elements, a source of light, polarizing means capable of producing two divergent beams polarized at right angles to each other, means for rotating the planes of polarization of the beams at predetermined frequency in opposite phases, a fixed polarizing element through which the rotating polarized beam pass before encountering the materials to be measured and an adjustable photometering element the adjustment of which varies the relative intensities of the two polarized beams.

2,126,411
METHOD FOR MAKING MINERAL WOOL
Edward R. Powell, Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application April 17, 1934, Serial No. 720,980
12 Claims. (Cl. 83—91)



1. In making mineral wool, the method which comprises melting suitable raw material, adjusting the temperature of the molten material to render it of consistency suitable for shredding into fibres, forming a stream of the molten material of the said consistency, contacting a steam jet of low velocity with the said stream so as to divide the stream, and then contacting a steam jet of high velocity with the components of the divided stream, in molten condition, the positions of initial contact of the two jets of steam with the said stream and components, respectively, being spaced from each other by a distance of the order of 1.5 to 4 inches.

2,126,412
CIRCUIT BREAKER
Raymond N. Rowe, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application January 12, 1937, Serial No. 120,158
15 Claims. (Cl. 200—116)



1. A circuit breaker having a frame, a contact lever hinged to the frame, a kick-off member hinged to said frame, a current responsive member normally restraining movement of said kick-off member, an actuating lever hinged to said kick-off member and a spring connecting said contact lever and said actuating lever and serving to snap the contact lever when the actuating lever is manually moved to the "off" and "on" positions respectively to open and close the circuit and serving to open the circuit and move the actuating member to a position intermediate the usual "on" and "off" position when the current responsive member releases the kick-off member.

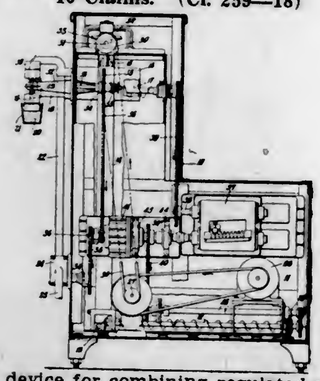
2,126,413
HANGAR
Roland B. Respess, Wickford, R. I.
Application February 21, 1936, Serial No. 65,021
3 Claims. (Cl. 189—1.5)



1. Roofing of the character disclosed, comprising in combination, longitudinally and transversely extending girders and cables, suspension supporting means for the same, mesh wire fabric carried thereby, strips interwoven through the mesh of said fabric and roofing material overlying said strips and mesh fabric.

2. A hangar for dirigibles or other purposes, comprising side walls, roofing supported by said walls and stepped at one end of the structure, oversliding door sections, spaced parallel trackways on which said oversliding door sections are mounted in position to aline with the steps in the end of the roofing structure, said door sections overlapping in the closed relation of the same when cooperating with the stepped roof end and overlapping in telescopic relation when moved back on the trackways in the open position.

2,126,414
DEVICE FOR COMBINING REGULATED QUANTITIES OF MATERIALS
Gordon C. Schaub, Bayonne, N. J., assignor to The Best Foods, Inc., New York, N. Y., a corporation of Delaware
Application August 29, 1935, Serial No. 38,360
10 Claims. (Cl. 259—18)



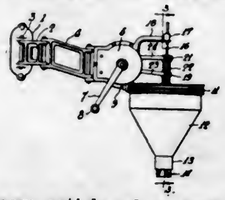
1. A device for combining regulated quantities of materials, comprising a conveyor for one of the materials, means for actuating said conveyor, a clutch positioned between the said conveyor and the means for actuating it, and means for actuating said clutch by the movement of the other material to regulate the movement of the conveyor by the actuating means for the conveyor.

2,126,415
KALEIDOSCOPE
Alexander W. Scheele, Berlin-Lichterfelde-West, Germany
Application July 26, 1935, Serial No. 33,341
In Germany August 1, 1934
1 Claim. (Cl. 88—24)



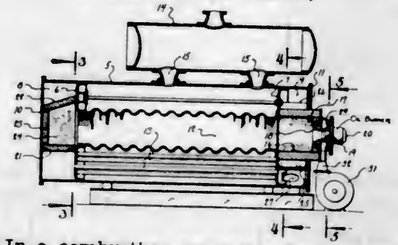
A pocket type projecting kaleidoscope combination comprising a pocket lamp or flashlight, a kaleidoscopic tube element, means for connecting and disconnecting the kaleidoscopic tube element from the pocket lamp and for holding the same in operative relationship, an object holder in said kaleidoscopic element and including translucent and transparent plates or discs for holding the objects between the lamp and the kaleidoscope, two rectangular shaped mirrors abutting along one longitudinal edge at an acute angle and with the edges also abutting against the interior of the kaleidoscope tube or housing and in optical alignment with the object and pocket lamp, an objective lens positioned at the end of the kaleidoscopic element opposite to and in alignment with the object holder and mirrors and the pocket lamp, light condensing means, in the pocket lamp for directing the light beams through the object holder, mirrors and to the objective lens whereby an image of the objects in said object holder is projected by the objective upon a screen or the like for viewing by an observer.

2,126,416
ATTACHMENT FOR ALIMENTARY FORMING MACHINES
Arthur I. Schlichter, New York, N. Y., assignor to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
Application December 10, 1936, Serial No. 115,255
8 Claims. (Cl. 107—14)



1. As a new article of manufacture, an extruding die for an alimentary cutting machine of the character described comprising a blank having an indenture extending downwardly from the top through to a point in its perimetrical surface intermediate its ends.

2,126,417
BURNER INSTALLATION FOR BOILERS
Richard A. Sharp, Milwaukee, Wis., assignor to Milwaukee Reliance Boiler Works, Milwaukee, Wis., a corporation of Wisconsin
Application December 14, 1935, Serial No. 54,371
6 Claims. (Cl. 158—1)

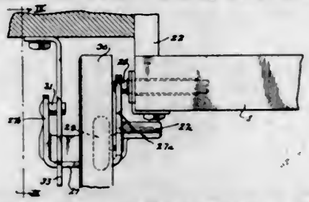


1. In a combustion apparatus for use with a combustion chamber having a front wall provided with an inlet opening: a tubular member projecting into the inlet opening and forming a venturi; an annular air chamber encircling the outer end portion of said tubular member and formed in part by that portion of the tubular member which extends outside of said front wall; a hydrocarbon burner having a nozzle arranged to discharge into the venturi; said air chamber having an air outlet for discharging air into the combustion chamber to comingle with the fuel projected into the combustion chamber through the venturi; and means for supplying air under pressure to said annular chamber.

2,126,418
SECTIONAL DOOR
Henry J. Siess and Joseph E. Casse, Detroit, Mich., assignors to Crawford Door Company, Detroit, Mich., a corporation of Michigan
Application May 17, 1935, Serial No. 21,967
6 Claims. (Cl. 20—20)

1. In a building having a vertically movable sectional door adapted to be moved to overhead position, U-shaped brackets pivoted to the upper side

edges of said door, and inwardly curved tracks upon said building adjacent said brackets, a roller on one arm of said brackets engaging said track, guide plates on said building having inwardly

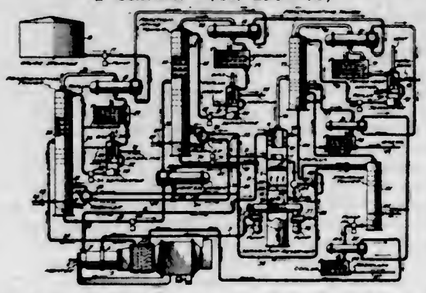


and upwardly directed slots, studs on the other arms of said brackets adapted for traveling in said slots, and a lug on said brackets for cooperating with said door.

2,126,419
BITUMINOUS BINDER MATERIAL AND PROCESS OF PRODUCING THE SAME
William Shannon Smith, Battle Creek, Mich.
No Drawing. Application September 4, 1937, Serial No. 162,505
9 Claims. (Cl. 106—31)

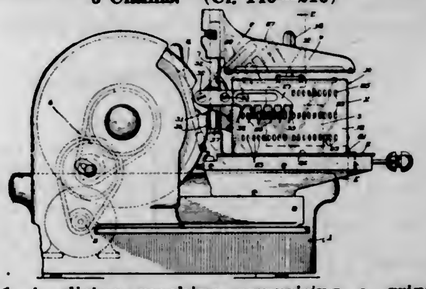
1. A bituminous road paving material which is a semi-liquid mass comprising the aggregate, a binder sufficient therefor comprising a heavy bituminous substance—94 pounds of natural lake or petroleum asphalt of 60 to 80 penetration, with a cut back therefor consisting of 16 pounds of a solution of sodium chloride and lime water, of which 90% is a 5% brine or salt solution and 10% is a 4% lime solution and 8 pounds of petroleum distillate, 32–40 Baumé test, admixed as a semi-liquid mass for use cold in forming pavements and roadways, as specified.

2,126,420
METHOD FOR HEATING AND FRACTIONATING HYDROCARBON OILS
Charles W. Stratford, Paris, France, assignor to Stratford Development Corporation, Kansas City, Mo., a corporation of Delaware
Application December 18, 1933, Serial No. 702,883
4 Claims. (Cl. 196—73)



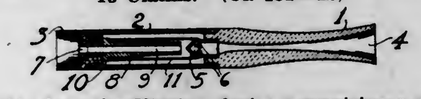
1. A method of fractionating hydrocarbon oil including the steps of circulating a stream of oil from and to a body of oil, supplying heat to said stream of oil, heating the oil to be fractionated and fractionating the same in a first fractionating zone, removing vapors from said zone, passing the unvaporized oil in said zone in heat exchange with a second stream of oil circulated from and to said body of oil to reboil the unvaporized oil in said first fractionating zone, removing the unvaporized oil from said zone and passing the same in heat exchange with a third stream of oil circulated from and to said body of oil, fractionating the thus heated oil, and removing oil vapors from the fractionating zone.

2,126,421
SLICING MACHINE
Hendrik Stukart, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application March 16, 1936, Serial No. 69,043
3 Claims. (Cl. 146—216)



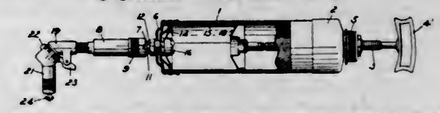
1. A slicing machine comprising a gripper adapted to be detachably connected to a part of the machine, a face plate for the gripper and having spaced openings therein, gripper prongs movable into and out of the openings, a vertically movable member pivoted on the gripper in a plane parallel to the plane of the face plate and having spaced arcuate substance engaging teeth of varying radii which lie between spaced openings when moved to substance engaging position so as not to contact with or foul the prongs, said teeth being arranged in said parallel plane, said member having a slot therein, and a member fastened to the gripper and engaging the slot to guide the movement of the said first named member and limit the movement thereof.

2,126,422
ATTACHMENT FOR SMOKING DEVICES
John G. Tarrant, New York, N. Y.
Application March 27, 1934, Serial No. 717,580
13 Claims. (Cl. 131—12)



11. A smoke filtering device comprising a substantially impervious tubular member having fibres mounted on and projecting outwardly from the outer surface thereof, said fibres having one free end.

2,126,423
LUBRICATING DEVICE
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application September 19, 1936, Serial No. 101,574
5 Claims. (Cl. 221—47.4)



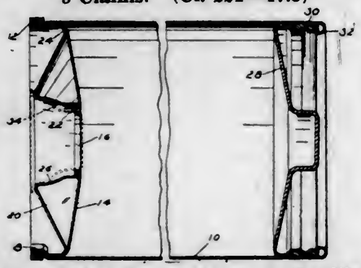
1. A lubricating device comprising, lubricant dispensing means, an interchangeable lubricant cartridge having a piston, means for detachably securing said cartridge to the dispensing means, a member connected to said dispensing means for

movement relative thereto, means carried by said member for applying thrust to the cartridge piston in the direction of the dispensing means, and resilient means engaging said member and the dispensing means yieldingly to hold them in alinement.

2,126,424
LUBRICATING DEVICE

Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware

Application May 1, 1937, Serial No. 140,077
5 Claims. (Cl. 221—47.3)

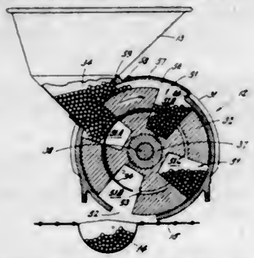


1. A cartridge for lubricant or the like comprising a hollow body portion, a head member secured to one end of the body portion and formed with an outlet opening, and an annular member substantially V-shaped in cross-section secured to the outer surface of said head member around the edge of the outlet opening and having a surface formed for sealing engagement with a receiving member.

2,126,425
FEEDER FOR GRANULAR MATERIAL

Albert R. Thompson, Los Gatos, Calif., and Charles E. Kerr, Hoopeston, Ill., assignors to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware

Application September 18, 1936, Serial No. 101,478
16 Claims. (Cl. 221—106)



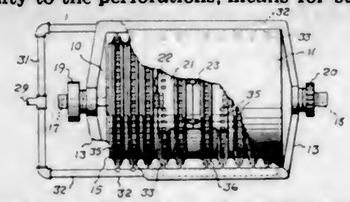
1. In a measuring device for granular material, a casing, a measuring pocket mounted for movement in said casing, a hopper above the casing, a preliminary cutoff from the hopper to the pocket, means for increasing the volume of the pocket after passing the preliminary cutoff, and a second cutoff for closely confining the material in the pocket after the volume of the pocket has been increased.

2,126,426
DRYING APPARATUS

Abraham Traube, Brooklyn, N. Y.

Application June 19, 1937, Serial No. 149,065
4 Claims. (Cl. 34—5)

1. In a dry-cleaning apparatus, a sealed casing, a cylindrical rotor mounted within the casing, means for maintaining a partial vacuum in the casing and rotor, annular series of perforations in the walls of the rotor, stationary air nozzles in proximity to the perforations, means for supply-

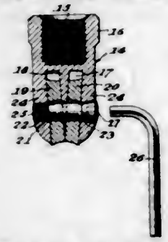


ing hot air to said nozzles, and annular means on the rotor for guiding the hot air through the said perforations.

2,126,427
ROLL HOLDER FOR RIVET SPINNING MACHINES

Henry L. Turnquist, Fairfield, and Frank A. Heilman, Bridgeport, Conn., assignors to The Grant Manufacturing and Machine Company, Bridgeport, Conn., a corporation of Connecticut

Application January 27, 1937, Serial No. 122,507
1 Claim. (Cl. 78—53)



A roll-holder for rivet spinning machines, comprising a holder having spaced apart cheeks defining an opening having diverging opposite walls, said cheeks having aligned screw receiving passages therethrough, one of said passages being partially threaded and including an annular recess adjacent its inner end, the passage in the other cheek being conically tapered at an angle of twenty degrees, a screw positioned in said passage having a threaded end portion to engage the threaded passage in the first mentioned cheek of the holder, and having a plain cylindrical bearing surface and a conical tapered head coextensive with the tapered portion of the passage in the other cheek, the said taper of the head of the screw and the taper of the passage in the cheek being such as to prevent the taper of the screw from extending through the cheek and to insure a frictional engagement of one with respect to the other, a pair of rolls rotatably mounted in divergent relation on said bearing surface between the two cheeks, the said head also being provided with a central longitudinal shouldered socket to receive an operating key whereby the screw may be set in position.

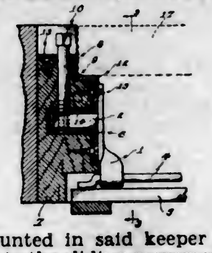
2,126,428
DOOR FASTENER

Syver O. Tveden, Chicago, Ill.

Application March 2, 1936, Serial No. 66,680
1 Claim. (Cl. 292—67)

In a lock construction for use in connection with inner and outer doors for locking the outer door from the inner side of the inner door, comprising a bar secured to and parallel with the outer door, a latch element slidable on the bar and rotatable thereon in different planes at right angles to the door, a lug carried by said latch element and extending therefrom in a plane parallel

to the door, said lug being apertured for reception of a screw, a keeper plate mounted on the door jamb and having a recess for receiving the lug of said latch element, and a locking screw ad-

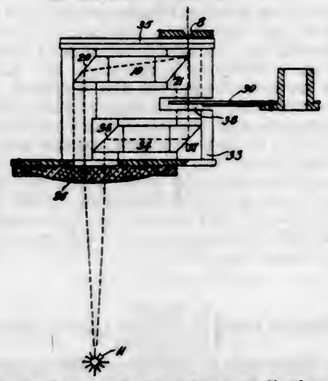


justably mounted in said keeper plate to move transversely to the sliding movement of the latching element and to engage the lug at the aperture therein.

2,126,429
DETERMINATION OF QUANTITATIVE CHARACTERISTICS OF RADIATION

Frank Twyman and Leonard Jesse Spencer, London, England, assignors to Adam Hilger Limited, London, England

Application May 2, 1932, Serial No. 608,826
In Great Britain December 10, 1931
13 Claims. (Cl. 88—14)



6. Means for producing from radiation passing from a source to a recording instrument a plurality of graded representations of radiation spaced apart and a plurality of standard representations of radiation therebetween, comprising two rhombic prisms each having two pairs of parallel faces set obliquely to each other and one of them having a plurality of notches in one acute edge, in which the prisms are assembled together with the longer faces parallel and projecting by acute edges thereof into the path of radiation, the further one from the source of radiation projecting further into said path than the nearer one, so as to reflect the intercepted radiation at the oblique surfaces through the prisms to the opposite oblique surfaces, and in which the notched edge is in the prism further from the source of radiation and at the end of said prism not projecting into the path of radiation, the notched edge being so formed and so positioned as to reflect at the prism surface portions between the notches the radiation passing through the prism and to permit to pass through the notches the radiation similarly reflected out of the other prism.

10. In a means for producing a plurality of graded representations from radiation passing from a source to a recording instrument, a wedge cell adapted to contain a fluid, in which one of the pair of faces of the fluid space serving as entrance and exit surfaces for the radiation passing through the fluid is formed in steps having face portions parallel to the other of said pair of faces but at progressively varying distances therefrom.

2,126,430
METHOD OF TREATING SHIPS' TANKS AND OTHER LARGE CONTAINERS TO PROTECT THEIR INTERIOR SURFACES AGAINST CORROSION

Theodor Broch Unger, Fredriksstad, Norway

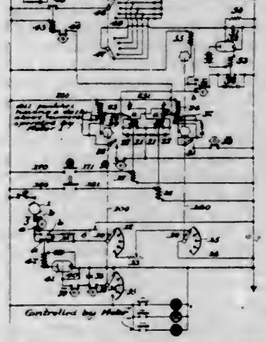
No Drawing. Application February 8, 1938, Serial No. 189,454. In Norway December 21, 1934
12 Claims. (Cl. 91—68)

1. Method of treating the interior wall surfaces of ships' tanks and other large-sized containers of iron and steel to protect same against corrosion, in which the containers are for a considerable period of time and at atmospheric temperatures kept filled with a substantially neutral non-oxidizing aqueous liquid, prepared by adding to water small amounts of a heavy metal above iron but not above magnesium in the electromotive series of the metals in the form of a water-soluble salt of a strong mineral acid as well as an alkali metal tartrate, the coating produced on the iron surfaces by the action of this liquid being left on the surface in a moist condition.

2,126,431
AUTOMATICALLY OPERATED TRAFFIC CONTROL SYSTEM

Fritz von Opel, Berlin-Charlottenburg, Germany

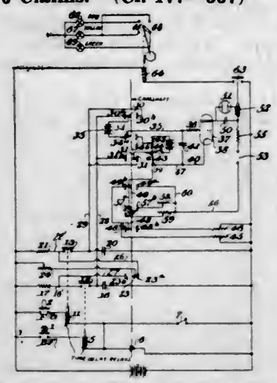
Application April 25, 1933, Serial No. 667,868
In Germany April 26, 1932
6 Claims. (Cl. 177—337)



1. An automatic traffic control system for interfering lanes comprising a signalling device including go and stop signals, for the lanes for the control of the movement of traffic thereover, an electric circuit, a drive including an electric motor in said circuit and a switching drum for operating said signalling device to display signals for predetermined periods dependent on the speed of said motor, a pair of resistances in the circuit for controlling the speed of the motor each having taps for cutting resistance in and out in determined steps, the magnitude of the resistance between successive taps varying according to logarithmic law, a vehicle-actuated control for the respective lanes, means responsive to actuations of one of said controls for cutting out one of said resistances step-by-step to increase the speed of

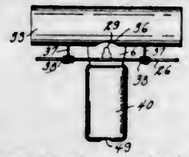
the motor, and means operable substantially simultaneously with the prior said means responsive to actuations of the other control for cutting in the other resistance step-by-step to decrease the speed of said motor.

2,126,432
AUTOMATIC TRAFFIC CONTROL SYSTEM
Fritz von Opel, Berlin-Charlottenburg, Germany
Application June 29, 1934, Serial No. 733,113
In Germany July 8, 1933
6 Claims. (Cl. 177—337)



1. An automatic traffic control system for interfering traffic lanes comprising a signalling device with go and stop signals for the control of traffic on said lanes, means operating said device to effect alternate changes of signals to said lanes periodically, means controlling the period between successive operations of the device operating means to cause said signalling devices to display signals for variable periods, a vehicle-actuated control for the lane having the go signal, a vehicle actuated control for the lane having the stop signal, each control having means for producing electrical impulses in response to actuation by vehicles on the respective lanes, a pair of condensers one of which is assigned to the control for the lane having the go signal and the other to the control for the lane having the stop signal, means responsive to the impulses produced by the go lane control for charging its corresponding condenser with successive increments of charge corresponding in number to the impulses produced in its control, a similar means for the condenser corresponding to the stop signal lane, and means for operating the period controlling means to apportion the period between said change of signals in dependence on the immediate resultant of the two sets of charges in said condensers during the particular period.

2,126,433
CHIME SIGNAL
Frederick Von Voigtlander, Adrian, Mich., assignor to Schwarze Electric Company, Adrian, Mich., a corporation of Michigan
Application November 21, 1936, Serial No. 112,170
2 Claims. (Cl. 177—7)



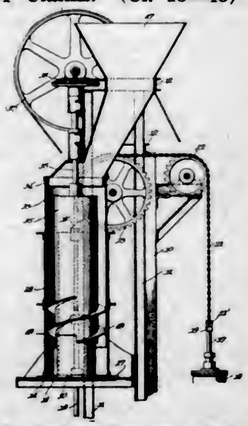
1. For an article of manufacture, a resonating tube and a base in T-shaped assembly therewith, a solenoid mounted longitudinally of the base, a chime bar supported by the resonator between the resonator and the solenoid, and a plunger to be actuated by the solenoid for striking the chime bar.

2,126,434
GLOVE TESTING DEVICE
Kenneth S. Vosbury, Binghamton, N. Y.
Application August 19, 1937, Serial No. 159,976
3 Claims. (Cl. 73—51)



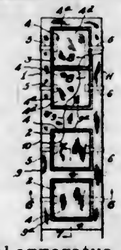
3. Means for testing rubber gloves and the like comprising an upright, a stationary jaw at the upper end of the upright having a gripping part in its upper portion, a movable jaw having a gripping part for engaging the gripping part of the first-mentioned jaw, a tube slidably arranged in the upright and the stationary jaw and connected with the movable jaw, spring means for holding the movable jaw in one position, a pedal lever connected with the tube for moving the tube to actuate the movable jaw to its other position and valve controlled means for introducing air into the tube to inflate a glove, the cuff of which is held between the jaws.

2,126,435
METHOD FOR MAKING CORK SHEET MATERIAL
Andrew Weisenburg, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application October 17, 1934, Serial No. 748,713
4 Claims. (Cl. 18—48)
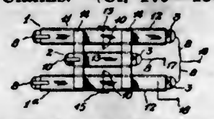


1. The method of producing cork sheet material which comprises forming from loose binder-coated cork particles a hollow cylindrical body by continuously feeding the cork into a mold having an annular cavity and thereby continuously and progressively forming the cylindrical body, continuously maintaining the body under axial pressure while it is being formed, curing the binder, and then cutting the body tangentially to its outer periphery to form a sheet.

2,126,436
ACOUSTICAL APPARATUS
Alfred L. W. Williams, Cleveland, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application January 7, 1935, Serial No. 628
2 Claims. (Cl. 179—110)



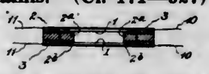
1. In acoustical apparatus, a frame formed with an opening, a plurality of vibratory diaphragms mounted in said opening in substantially the same plane and with an edge of each diaphragm spaced slightly away from an edge of another diaphragm, each diaphragm comprising a piezo-electric element adapted by flexing to co-act with an adjacent fluid medium, and a flexible sheet attached to said diaphragms and to said frame to flexibly connect the frame and adjacent edges of the said diaphragms together and the adjacent edges of separate diaphragms together and prevent passage of the surrounding medium past the edges of the diaphragms.

2,126,437
APPARATUS FOR GENERATING ELECTRICAL WAVES
Alfred L. W. Williams, Cleveland, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application June 27, 1935, Serial No. 28,746
19 Claims. (Cl. 179—135)



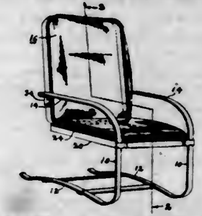
1. The method of generating electrical waves corresponding to fluid medium waves within a given range of frequencies which comprises selecting two zones of the fluid medium disposed in relation to each other so that the maximum time required for one of the fluid medium waves to travel from a given point of one of said zones to a corresponding point of the other zone is less than the period of the shortest wave within the said range of frequencies, utilizing the different instantaneous wave pressures of the fluid medium in the said zones to generate electrical waves whose corresponding instantaneous voltage values are proportional to the differences between the said pressures, utilizing the corresponding instantaneous wave pressures in a third zone of the fluid medium to generate electrical waves whose instantaneous voltage values are proportional to the instantaneous wave pressures in said third zone, and combining the two sets of electrical waves so generated so that they are substantially in phase for fluid medium waves within the said range approaching the said zones from one direction.

2,126,438
PIEZOELECTRIC APPARATUS
Alfred L. W. Williams, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Original application April 14, 1934, Serial No. 720,593. Divided and this application August 9, 1937, Serial No. 158,044
7 Claims. (Cl. 171—327)



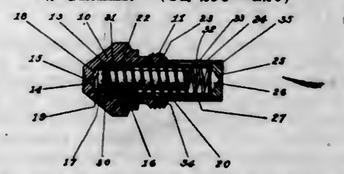
1. A piezo-electric device having a flexing type piezo-electric unit, supports for said unit disposed substantially at the ends of an axis of expansion and contraction of said unit and adapted to prevent motion of adjacent portions of said unit normal to the faces of said unit, and means connected to the edges of said unit adapted to shield one of its faces from the surrounding fluid medium and adapted to permit vibratory motion of the unsupported portions of said unit substantially normal to its faces.

2,126,439
SPRING ASSEMBLY
Louis J. Zerbee, Bellefontaine, Ohio
Application July 6, 1937, Serial No. 152,122
17 Claims. (Cl. 155—179)



5. A cushioning device including an arcuate metallic screen woven from drawn spring wire and means for restraining the free movement of a portion of the screen, permitting yielding movement of other portions thereof.

2,126,440
NOZZLE
Robert E. Apthorp, Milton, Mass.
Application April 8, 1937, Serial No. 135,693
2 Claims. (Cl. 299—120)



1. A nozzle comprising a body having a cavity terminating in a conical bottom, said body having a discharge orifice extending from said conical bottom, a terminal member with a head having a conical surface adapted to engage said conical bottom and having a shank extending from said head, the transverse dimension of said

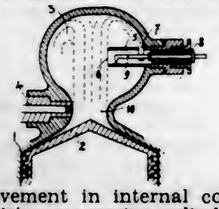
head being less than that of said cavity to permit lateral movement of said head and being greater than that of said shank to provide a shoulder, an apertured closure for said cavity threaded to said body, and a coil spring interposed between said shoulder and closure adapted, as said closure is threaded to said body, to hold said head yieldingly against said conical bottom and to transmit rotary movement to the terminal member and permit lateral and longitudinal movement thereof thereby permitting proper seating of said head against said conical bottom.

2,126,441
GRASS MOWING APPLIANCE
Henry Richard Barnard, Heston, England
Application October 29, 1935, Serial No. 47,311
In Great Britain October 30, 1934
9 Claims. (Cl. 56—249)



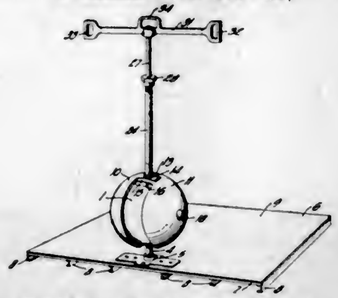
1. An attachment for lawn mower with rotating cutter reel for cutting the edges of a lawn, comprising a flat piece of metal constituting the body of the attachment, shaped in the form of a substantially rectangular member, detachably secured to a side member of the lawn mower next to the edge of the lawn to be mowed, vertically underneath thereof, near, and inside of, the end of the revolving cutters of the lawn mower, said piece of metal having the lower edge and approximately one half of the top edge, namely, the forward half, bent outwardly to form a narrow flange approximately at right angles to the said substantially rectangular member the said member having a raised portion to fit between the periphery of the rollers and the path of the reel of the mowing machine, thereby lifting the overhanging grass and bringing it to an upright position on the path of the knives, and means for securing the said piece of metal to the said mower.

2,126,442
CRUDE OIL ENGINE
Albert Baud, Paris, France
Application February 5, 1936, Serial No. 62,517
In France February 13, 1935
1 Claim. (Cl. 123—33)



An improvement in internal combustion engines comprising an engine cylinder, a globular ignition chamber mounted above said engine cylinder, a restricted passage formed at the base of said ignition chamber and connecting said engine cylinder with said ignition chamber, said ignition chamber having a concave inner top wall surface opposite said passage, a fuel injection device mounted so as to eject the fuel across said restricted channel, ignition means mounted transversely to said restricted channel and extending from a side wall of said globular ignition chamber, a tube surrounding said ignition means and extending from said side wall of said globular ignition chamber, said tube having an opening formed in the top portion thereof near said side wall of said globular ignition chamber for the entrance of combustibles moving from the uppermost portion of said ignition chamber downwardly along said side wall of said ignition chamber, and the outer end of said tube being formed open and projecting into the path of the combustible flowing through said passage for drawing by suction the combustible from said tube during a period of compression as the compressed combustible is being forced from the engine cylinder upwardly past the outer end of said tube.

2,126,443
EXERCISE DEVICE
James G. Begley, Albany, N. Y.
Application July 13, 1935, Serial No. 31,206
2 Claims. (Cl. 272—60)



1. An exercising device comprising a platform, a ball immovably secured to said platform in spaced relation thereto, a pair of hollow, approximately hemispherical elements hingedly connected together and secured about said ball in adjustable frictional engagement therewith by a bolt extending through said ball in spaced relation thereto, whereby substantial movement of said hemispherical elements relative to said ball is permitted, and a T-shaped handle connected at its base to said elements near their zone of connection and adapted to be grasped by both hands of the operator; the top of said handle being rotatable whereby the operator may vary the direction in which he applies force thereto.

2,126,444
PACKAGE
Jacob Bollinger, Jr., Nyack, N. Y.
Application March 11, 1937, Serial No. 130,403
4 Claims. (Cl. 206—63.2)

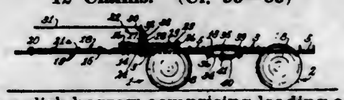


1. A package of the class described, comprising a liner sheet of moisture-proof fabric folded along parallel lines and forming a pocket having smooth inner surfaces and plural thickness walls, said pocket having spaced apertures at one of said fold lines and being imperforate at the other fold line, medicinal applicators having sticks extending through said apertures provided with medicinal tips abutting against the pocket at the last-mentioned fold line, a jacket positioned exteriorly of the liner and having a fold line coinciding with the last-mentioned fold line to provide a front and back, an upper edge of the jacket terminating below the upper ends of the sticks to allow the applicators to be withdrawn from the package, and means securing the side edges of the jacket and liner sheet together.

2,126,445
PREPARATION OF FOOD PRODUCTS FROM FISH SCRAP
Walter H. Boutilier, Halifax, Nova Scotia, Canada
No Drawing. Application August 23, 1935, Serial No. 37,503
4 Claims. (Cl. 99—112)

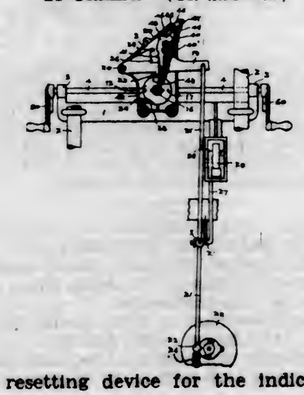
1. In the manufacture of a food product rich in mineral constituents the process which consists in subjecting fish scrap to the action of an aqueous solution of acetic acid characterized by a hydrogen ion concentration equal to a pH value of between 3 and 5, filtering the resulting solution to free it of undissolved material and then subjecting the filtrate to a temperature between 70 and 80° C. until the salts and other extractives contained therein are recovered in a sufficiently dry condition.

2,126,446
DISK HARROW
Max M. Brodersen, Alhambra, Calif., assignor to Len O. Bird, Glendale, Calif.
Application June 10, 1936, Serial No. 84,486
Renewed January 24, 1938
12 Claims. (Cl. 55—83)



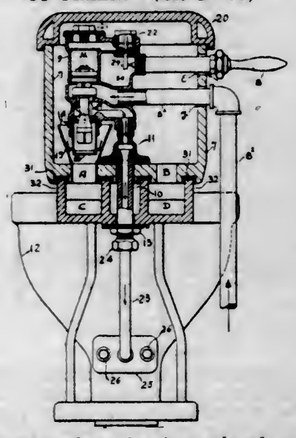
1. In a disk harrow comprising leading and following disk units, means for offsetting said disk units, means for releasably holding said disk units in the desired offset position, each of said disk units comprising two sections pivotally connected together for vertical swinging movement with respect to each other.

2,126,447
RESETTING INTERLOCK FOR FLUID DISPENSING PUMPS
William H. D. Brouse and Clifford J. Hume, Toronto, Ontario, Canada, assignors to International Metal Industries Limited, Toronto, Ontario, Canada
Application September 17, 1936, Serial No. 101,245
13 Claims. (Cl. 221—95)



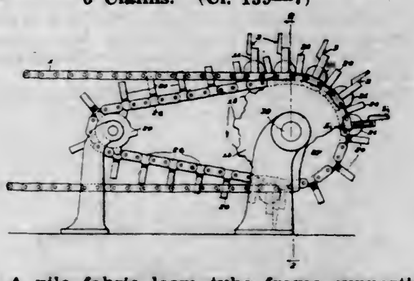
1. A resetting device for the indicator of a liquid dispenser comprising manually operable means for resetting the indicator, liquid dispensing control means including a member displaceable to permit a dispensing operation, means dependent on the displacement of said member for locking the resetting means only when the indicator has been returned to zero, and means for locking the said member from displacement until the indicator is returned to zero.

2,126,448
CONTAINER HOUSING FLUSHING APPARATUS
Cesare C. Campus, Santa Monica, Calif., assignor to Paul A. Campus, Santa Monica, Calif.
Application July 31, 1934, Serial No. 737,715
34 Claims. (Cl. 4—70)



1. In a water closet having a bowl, means for directing water into said bowl, and a tank surrounding said means and having a passage in constant communication with the bowl whereby any fluid in the tank will drain into the bowl.

2,126,449
AXMINSTER TUBE FRAME SUPPORT MECHANISM
Wellesley B. Cooper, Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn., a corporation of Massachusetts
Application July 14, 1936, Serial No. 90,524
6 Claims. (Cl. 139—7)



1. A pile fabric loom tube frame supporting mechanism, for use with a movable chain carrier conveying a plurality of tube frames and having means guiding the course of travel of the chain carrier out of the horizontal, comprising the combination of auxiliary chain means having spaced

fingers projecting therefrom at intervals approximating the spacing of the tube frames in said carrier, means guiding the auxiliary chain means along a path adjacent the carrier to dispose the said fingers in position to support the weight of the tube frames when the course of travel of the carrier departs from the horizontal, and mechanism adapted to feed the auxiliary chain means in said path at substantially the same rate of speed as that of the carrier to maintain the said supporting position during the non-horizontal course of the carrier.

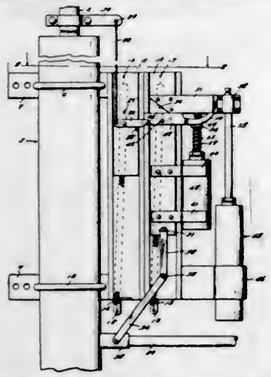
2,126,450

AUTOMATIC PUMP PIPE DRAIN MECHANISM

Carl Cravens, Pedernal, N. Mex.

Application April 12, 1937, Serial No. 136,453

6 Claims. (Cl. 137—34.1)



1. In combination with a reciprocating pump rod or the like, a pump pipe in which said pump rod works, a drain for said pump pipe, a valve interposed in said drain and having an operating element, operating mechanism for said operating element, said operating mechanism comprising means operatively connected between said pump rod and said operating element, said means comprising a first member, and a second member connected to said operating element, said first member being connected for reciprocation by said pump rod, and a first dog on said first member, a second dog on said second member, said first dog being arranged to operatively engage said second dog to carry said second member in the direction of movement of said first member only in one direction of movement of said first member.

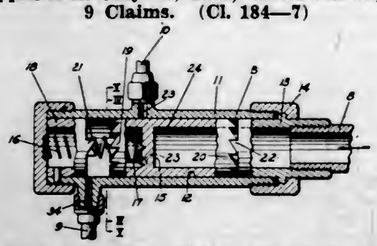
2,126,451

CENTRALIZED LUBRICATION SYSTEM

John L. Creveling, near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware

Application July 16, 1935, Serial No. 31,650

9 Claims. (Cl. 184—7)



1. In a centralized lubrication system, a lubricant distributing unit comprising, a member providing a chamber, said chamber having a plurality of discharge ports for independent communication with a plurality of lubricant receiving fittings, means for admitting lubricant under pressure to said chamber, a plunger mounted for reciprocation in said chamber and cooperating with said discharge ports to provide valve mechanism for controlling the passage of lubricant from said chamber through said discharge ports, and means for causing the plunger to rotate about its axis, a predetermined degree, during each reciprocatory cycle thereby to alter the relationship between said plunger and said discharge ports.

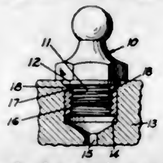
2,126,452

LUBRICATING DEVICE AND METHOD OF SECURING SAME

John L. Creveling, near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware

Application February 17, 1936, Serial No. 64,269

5 Claims. (Cl. 29—157)



1. The method of securing a lubrication fitting having a threaded shank within a bore formed in a metal body comprising, forming an internally threaded sleeve, forming a circumferential longitudinally facing shoulder adjacent to one end of the sleeve, forming peripheral notches adjacent to said shoulder, inserting the sleeve into the bore with said shoulder in the bore facing outwardly and with the opposite end of the sleeve forming an inwardly facing surface adapted to be exposed to the pressure of the fluid within said bore, and displacing portions of the metal of said body therefrom into interlocking engagement with said shoulder and said notches to retain the sleeve in the bore against rotation therein and against the action of lubricant pressure tending to force the sleeve from the bore.

2,126,453

APPARATUS FOR FORMING BLANKS FROM HOT ROLLED WIRE STOCK

William W. Criley and Frederick W. Gaines, 3rd Cleveland, Ohio

Application September 14, 1936, Serial No. 100,616

18 Claims. (Cl. 29—34)



1. The combination with a drawing die and means to draw relatively heavy hot rolled rod stock continuously through said die to reduce the stock, of rotary straightening means receiving and straightening the travelling drawn stock promptly after the stock leaves the die and during the continued travel of the stock.

2,126,454

ELECTRIC FURNACE

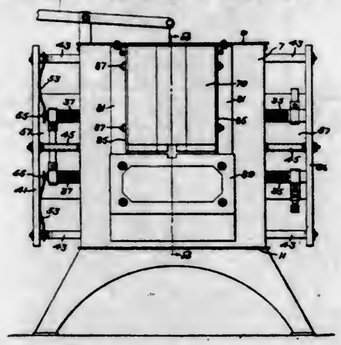
Percival B. Crocker, Foxboro, Mass., assignor to The Sentry Company, Foxboro, Mass., a corporation of Massachusetts

Application November 5, 1935, Serial No. 48,326

10 Claims. (Cl. 13—20)

1. An electric furnace of the class described comprising walls of refractory material defining

an interior chamber, a door giving access thereto, opposed walls of the chamber having aligned openings, resistor rods extending across the chamber and having ends received in said openings, terminals engaging the ends of the rods and



exposed beyond said walls for air cooling, and supplemental means retarding the transmission of heat extending outwardly from said walls between the terminals and in alignment with the chamber.

2,126,455

PROCESS FOR THE PREPARATION OF COPPER HALIDES

William Dettwyler, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 22, 1936, Serial No. 91,917

10 Claims. (Cl. 23—97)

3. The process for preparing cuprous halides which comprises suspending a finely divided form of copper in a liquid organic medium which does not react with halogen and adding sufficient halogen to react with all of the copper present under agitation and under such conditions that cuprous halide is formed and isolating the resulting cuprous halide by filtering and drying.

2,126,456

PROCESS FOR THE PREPARATION OF INDANTHRONE COMPOUNDS

William Dettwyler, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 22, 1936, Serial No. 91,918

6 Claims. (Cl. 260—31)

1. In the process for preparing indanthrone compounds wherein a 1-chloro-2-aminoanthraquinone is heated in an inert organic solvent in the presence of a copper catalyst and an acid binding agent, the step which comprises carrying out the reaction in the presence of a cuprous halide prepared by direct union of finely divided copper and a halogen in an organic solvent.

2,126,457

TREE DECORATING APPLIANCE

Claude V. East, Milwaukee, Wis.

Application April 29, 1937, Serial No. 139,782

1 Claim. (Cl. 248—40)

An appliance for attaching loose branches to the trunk of a tree comprising an elongated socket for receiving the inner end of a branch to be held, means for clamping the branch in the socket, and an elongated tapered threaded shank on the inner end of the socket for insertion in the tree trunk, said socket having its inner end



tapering toward the shank, and spiral cutting blades on the tapered end of the socket.

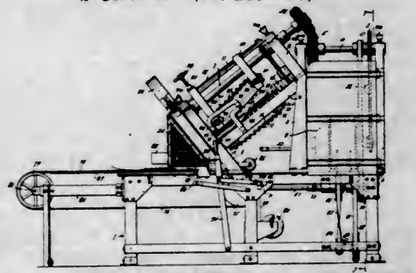
2,126,458

SLICING APPARATUS

Frederick J. Englen, Omaha, Nebr.

Application September 29, 1933, Serial No. 691,544

2 Claims. (Cl. 146—94)



1. A meat slicing device comprising a table, upright members connected at their base by a pair of angle irons and at their upper ends by a pair of struts, parallel shafts journaled in said angle irons and supporting an endless tractor member upon which rests the substance to be sliced, a rotary knife supported by said upright members and rotating in a path perpendicular to the upper supporting surface of said tractor and spaced from one end thereof to slice the substance carried by said tractor, a frame including elongated members attached at one end to the pair of struts and adjustably connected to said struts at the other end, said adjustable means including a screw threaded in said frame and abutting said struts, an inverted U-shaped member fixed to the adjustable end of the said frame, the legs of said U-shaped member extending downwardly towards the endless tractor at an end adjacent to the path of the knife, a second inverted U-shaped member having shorter legs than the first fixed to the frame at a point between the adjustable end thereof and the end attached to the strut, the legs of said U-shaped members supporting parallel shafts carrying a second endless tractor, the lower surface of which is inclined relative to the upper surface of the first tractor and bears against the upper side of the substance carried by the first tractor, means for driving said tractors to feed the substance towards the knife and means for rotating the knife.

2,126,459

BRAKE-DRAG MEASURING MACHINE

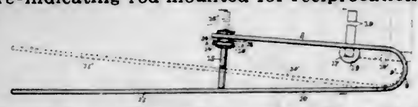
Frederick B. Frisbie, Seattle, Wash.

Application July 19, 1937, Serial No. 154,327

4 Claims. (Cl. 265—1)

1. A brake-drag measuring machine including, a combined machine frame, spring and machine

handle in a folded-over bar, a wrench handle fastened transversly on the said frame, a pressure-indicating rod mounted for reciprocation on



the said frame disposed to contact the said machine handle by reciprocation, and a wrench socket engageable on the said wrench handle.

2,126,460

PREPARATION OF CELLULOSE ESTERS CONTAINING DICARBOXYLIC ACID RADICALS

Leo B. Genung, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application December 4, 1935, Serial No. 52,874
9 Claims. (Cl. 260—101)

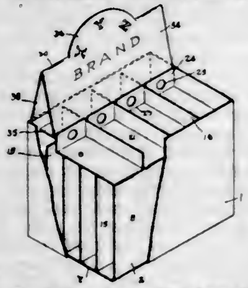
1. The process of preparing a cellulose ester containing dicarboxylic acid radicals which comprises reacting at a temperature of at least 100° C. upon a cellulosic material containing free and esterifiable hydroxyl groups, with a dicarboxylic acid anhydride in a bath comprising sufficient inert solvent having a boiling point below 100° C. to dissolve the reagents, the bath being free from esterification catalysts and tertiary organic bases.

2,126,461

DISPLAY BOX

William R. Graham, New York, N. Y., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio, a corporation of Ohio

Application June 18, 1936, Serial No. 85,873
6 Claims. (Cl. 206—44)



1. In a box of the character described, an inner and an outer lid, said inner lid constituting a tray formed of a plurality of tongues laid horizontally from front to rear, said tongues including upstanding rear tabs, said tabs being apertured, thereby to act as collars for merchandise laid on said tongues and projecting through said tabs, the distance from front to rear of said box being equal to the height of said merchandise, and partitions extending from the bottom of said box between said tongues.

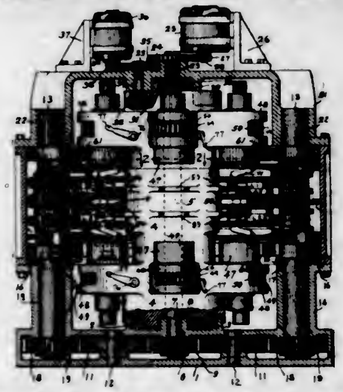
2,126,462

ORBITAL BROACHING LATHE

Willard L. Groene, Cincinnati, and Elmer R. Shipley, Hamilton, Ohio, assignors to The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware

Application February 10, 1936, Serial No. 63,104
25 Claims. (Cl. 82—3)

1. In a broaching lathe for eccentric broaching, broaching means having a series of broach teeth arranged along a circular path of work travel, a work holder, means for moving said work holder in said path of travel and means for rotating said holder so as to rotate work



held therein during said travel, and means for moving said broaching means so as to conform the action of the teeth thereof to the eccentricity of said work.

2,126,463

ANESTHETIC

Frederick E. Guntrip, Santa Barbara, Calif.

No Drawing. Application June 3, 1937, Serial No. 146,244
8 Claims. (Cl. 167—52)

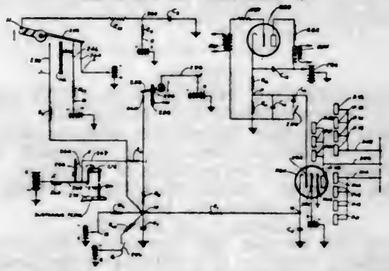
1. An anesthetic comprising coagulated latex (or caoutchouc) dissolved in a volatile liquid anesthetic.

2,126,464

ELECTRICAL MUSICAL INSTRUMENT

Laurens Hammond, Chicago, Ill.

Application April 2, 1938, Serial No. 199,613
49 Claims. (Cl. 84—1)



1. In an electrical musical instrument playable by keys and having for each key thereof a terminal the potential of which determines the intensity of the note produced upon operating said key, means to control the potential on said terminal comprising a bucket condenser, a tank condenser, a source of potential, switch contacts normally connecting said source to said bucket condenser, a second set of switch contacts for connecting said bucket condenser to said terminal, means operated by said key successively to open said first switch contacts and close said second switch contacts, and means to dissipate a portion of the charge of said bucket condenser during the interval between the opening of said first contacts and closure of said second contacts, said last named means comprising, a second potential source having means for adjusting its

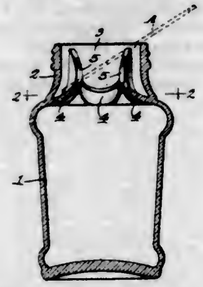
value, a resistance element connected thereto, and switch means for connecting said second potential source through said resistance element to said bucket condenser for a period determined by the velocity of key operation.

2,126,465

CONTAINER

Carl G. Hilgenberg, Baltimore, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md.

Application June 17, 1936, Serial No. 85,801
1 Claim. (Cl. 215—1)



A container including a neck portion, and a substantially U-shaped rib extending inwardly from the inner surface of the neck portion with its ends extended toward the mouth of the bottle and constituting guides for an object being inserted into the neck of the bottle and the bottom portion of said rib constituting a support for said object when inserted.

2,126,466

MEDICINAL OLEAGINOUS DISTILLATION

Kenneth C. D. Hickman, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application August 24, 1935, Serial No. 37,750
9 Claims. (Cl. 87—12)

1. The process which comprises subjecting a highly unsaturated vegetable oil to distillation under high vacuum short path conditions and separating a distillate containing the unsaturated glyceride content thereof free of protein material and objectionable odor.

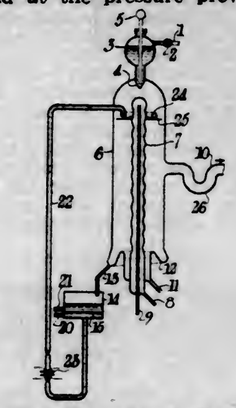
2,126,467

DISTILLATION PROCESS

Kenneth C. D. Hickman and John C. Hecker, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application January 31, 1936, Serial No. 61,790
10 Claims. (Cl. 202—52)

2. The process of short path high vacuum distillation which comprises passing fluid organic material which is ordinarily undistillable by other means without harmful decomposition over a heated surface which is maintained under a high vacuum, condensing vaporized molecules derived from said material upon a condensing surface which is near to the heating surface and which is separated therefrom by substantially free unconstricted space, and circulating over the condensing surface during distillation a liquid which is miscible but is not chemically reactive with the distillate and which has a vapor pressure sufficiently low at the temperature of the condensing surface and at the pressure prevailing during



distillation that the rate of distillation is not substantially diminished.

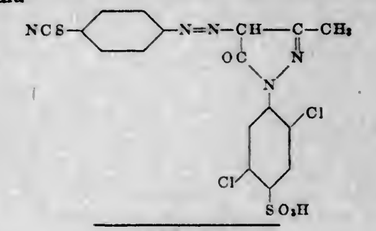
2,126,468

AZO DYESTUFFS

Karl Holzach, Ludwigshafen-on-the-Rhine, and Ludwig Neumann, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application June 14, 1935, Serial No. 26,704. In Germany June 27, 1934
4 Claims. (Cl. 260—44.6)

1. The azo dyestuff corresponding to the formula

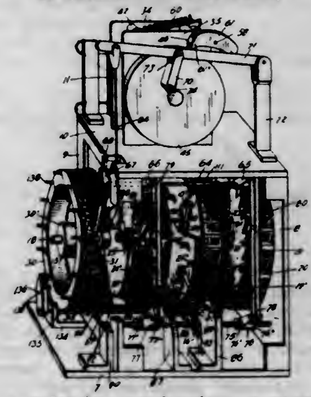


2,126,469

CALENDAR CLOCK

William Warden Huston, Windsor, Ontario, Canada

Application October 21, 1935, Serial No. 45,920
10 Claims. (Cl. 40—112)



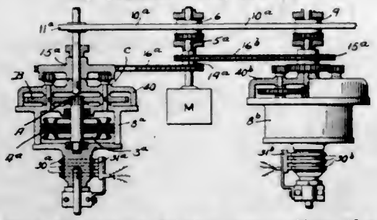
1. In a calendar mechanism, a month wheel and a "day of the month" wheel, a main sup-

porting shaft on which the aforesaid wheels are mounted, a main lever swung intermediately of its length on the main supporting shaft, means for imparting a reciprocation to the main lever at the end of each twenty-four hours, means operated by one end of the main lever for imparting a day step rotary movement to the "day of the month" wheel, means operated by the other end of the main lever for imparting to the "day of the month" wheel a movement equal to a plurality of day spaces of such wheel, and means actuated from the month wheel for timing the last mentioned movement and controlling the number of day spaces comprising each movement.

2,126,470

TENSIONED POWER DRIVE

Alfred Johnson, New York, N. Y.
Application November 18, 1937, Serial No. 175,305
In Great Britain December 12, 1934
11 Claims. (Cl. 242—75)

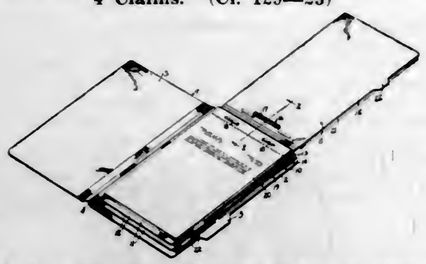


5. In a tensioned driving connection, the combination with a traveling lineal element, a rotatable member and a forwarding means for said element connected thereto, of a driven means for receiving said element, an electric torque motor, having a rotatable rotor and a rotatable frame member; driving means whereby the torque motor is differentially connected to said driven means and to said rotatable member, means for energizing said torque motor to cause the torque motor to tension the element between said forwarding means and said driven means, and means for driving the rotatable member and the said forwarding means whereby when said rotatable member is driven it will drive said driven means through the connections.

2,126,471

MULTIPLE UNIT FILE

Louis W. Karlen, Buffalo, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y.
Application November 23, 1935, Serial No. 51,330
4 Claims. (Cl. 129—25)

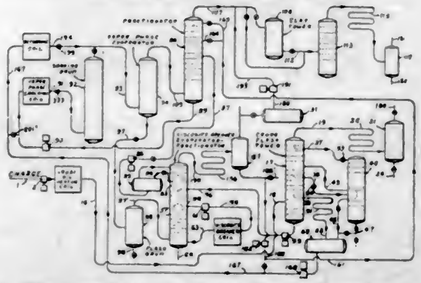


3. A multiple unit file comprising a plurality of supporting sheets each formed of a single piece of material and each adapted to form a backing for independent groups of sheets, a bendable prong fastener on each backing for removably receiving and attaching a group of sheets thereto, and attaching portions on the supporting sheets forming each backing for detachable engagement with the fastener on an adjacent backing between the backing and group of sheets thereon for connecting said backings together successively in chain-like form with said backings supporting said groups of sheets, in superimposed relation in one position, and each backing being movable on its attaching portion whereby said sheets may be moved out of superimposed relation for providing independent access to the fastener and the group of sheets thereon for removal or reference.

2,126,472

PROCESS FOR THE TREATMENT OF HYDROCARBON OIL

Percival C. Keith, Jr., Peapack, N. J., assignor to Gasoline Products Company, Inc., Newark, N. J., a corporation of Delaware
Application January 25, 1935, Serial No. 3,401
18 Claims. (Cl. 196—48)



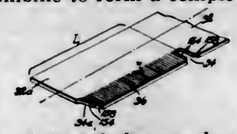
1. The process of treating hydrocarbon oil which comprises passing relatively heavy oil through a cracking zone wherein it is raised to a cracking temperature and subjected to conversion, introducing the resulting cracked products into a first separating zone wherein vapors separate from liquid residue, subjecting said vapors to fractional condensation in a first fractionating zone to form a clean condensate cracking stock, introducing condensate so obtained into a second fractionating zone wherein it is subjected to contact with hot vapors, removing reflux condensate, including unvaporized portions of the said clean condensate stock, from said second fractionating zone, passing it through a second cracking zone wherein it is raised to a cracking temperature and subjected to conversion, introducing the resulting cracked products into a second separating zone wherein vapors separate from liquid residue, passing said vapors into said second fractionating zone, removing said liquid residue from said second separating zone, introducing residue so removed into a low-pressure flashing zone wherein a further separation of the vapors from unvaporized residue takes place, introducing constituents so vaporized in said flashing zone into contact with vapors separated in said separating zone first-mentioned for further treatment therewith, withdrawing unvaporized residue from said flashing zone and removing fractionated vapors from said second fractionating zone and condensing them as a desired product.

2,126,473

METHOD OF MAKING TUBULAR ARTICLES

Clarence J. Keller, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application August 31, 1933, Serial No. 687,621. Patent No. 2,081,038, dated May 18, 1937. Divided and this application February 10, 1936, Serial No. 63,062
8 Claims. (Cl. 29—156)

1. A method for making from a strip of sheet material tubular members having a reduced end portion terminating in an annular inward flange, comprising the steps of notching one side of the strip at equal distances, each notch having substantially parallel wall portions terminating in outwardly flaring wall portions near the open end of the notch, severing the strip through consecutive notches to obtain blanks, each having a notch portion in the severed edges of the blank, forming a blank into tubular shape such that the notch portions combine to form a complete notch in an

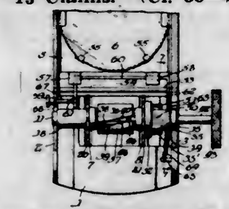


end portion of the tubular member, radially contracting the notched end portion of the tubular member until the parallel walls of the notch substantially engage each other to form a tubular portion of a reduced dimension, said flaring notch-wall-portions combining to form a wedge-shaped notch in an end portion of the contracted tube portion, and bending said end portion of said contracted tube portion inwardly toward the axis of the tubular member to such extent that the edges of said wedge-shaped notch are forced into substantial engagement with each other.

2,126,474

FRAMING MECHANISM

Bertel J. Kiecrup, Chicago, Ill., assignor to Society for Visual Education, Inc., Chicago, Ill., a corporation of Delaware
Application October 10, 1936, Serial No. 105,078
13 Claims. (Cl. 88—28)



1. In a device of the type described, mechanism adapted to project single and double frame film comprising a housing, a rotatable driving member mounted within said housing, film advancing means on said driving member, a clutch associated with said film advancing means normally retaining said means in driving position and adapted to release said means for framing, a cam associated with said driving member comprising a portion adapted to advance said film advancing means in single frame stages, and a portion adapted to advance said film advancing means in double frame stages, and a cam follower slidably mounted in said housing to engage either portion of said cam.

2,126,475

PROCESS FOR THE PREPARATION OF NAPHTHOPHENAZINE DYESTUFFS

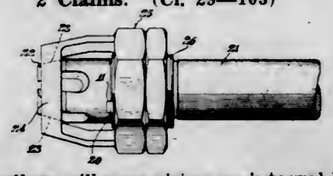
David X. Klein, Milwaukee, and Henry R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 22, 1936, Serial No. 75,748
3 Claims. (Cl. 260—29)

1. In the process for preparing naphthophenazine dyestuffs wherein a 1,3-diarylamino-naphthalene sulfonic acid is condensed with a p-phenylene-diamine compound in an alkaline aqueous alcoholic solution, the reactants, alcohol, and water being employed in such predetermined proportions as will result in maximum precipitation of the desired dyestuff containing a minimum quantity of impurities on completion of the reaction, the step which comprises carrying out the reaction in a closed vessel with the addition of oxygen, whereby the initial concentration of the reaction medium is maintained throughout the course of the oxidation.

2,126,476

HOLLOW MILL

Earl R. Koonz, Greenfield, Mass., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass., a corporation of Massachusetts
Application February 9, 1937, Serial No. 124,799
2 Claims. (Cl. 29—103)



1. A hollow mill comprising an integral hollow body portion annular around an axis, a series of axially extending resilient adjustable prongs separated by intervening spaces or flutes, a cutting ridge extending in generally axial direction along the leading edge of each of said prongs, each of said ridges having a leading cutting edge and a following surface limited in width so as to be circumferentially terminated well in advance of the center of the corresponding prong to localize the components of radial reaction of the work on the prongs to lines closely adjacent to the cutting edges of the corresponding ridges so as to create a counter torsion on each respective prong opposite in direction to the twist imposed by the tangential component of the cutting action on said prong, and a holder cap having a portion engaging said prongs to radially adjust them.

2,126,477

AZO DYESTUFFS AND A PROCESS OF PRODUCING SAME

Hans Krzikalla and Walter Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 22, 1937, Serial No. 170,383. In Germany November 6, 1936
5 Claims. (Cl. 260—96)

2. Azo dyestuffs of the general formula

A—N=N—B

wherein A stands for the radical of a methoxy nitrobenzene sulphonic acid, and wherein B stands for the radical of 4-nitro-1,3-diaminobenzene.

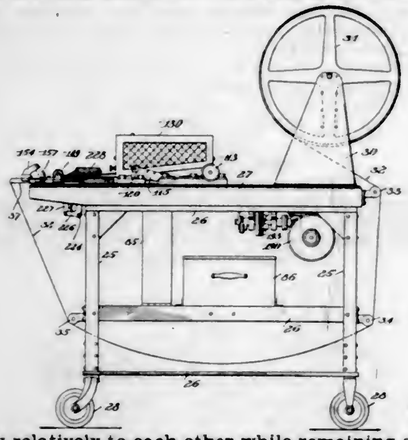
2,126,478

SHEET CUTTING APPARATUS

Paul Landrock and Arthur W. Caps, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I., a corporation of Rhode Island
Application January 4, 1936, Serial No. 57,591
19 Claims. (Cl. 164—48)

1. Sheet cutting apparatus comprising a pair of knife elements movable relatively to each

other to effect a cutting operation, a second pair of knife elements also movable relatively to each other to effect a cutting operation, means for moving said second pair toward and away from the first pair to vary the space between them, and means including a gear segment and a rack bar meshing with each other and slidable later-



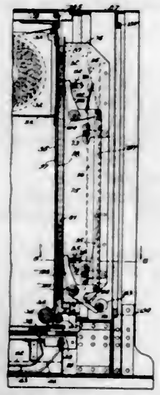
ally relatively to each other while remaining continuously in meshing relation to each other when said second pair is moved toward or away from the first pair, for operating said second pair of knife elements to make a cut irrespective of the position to which said second pair may be moved relatively to said first pair.

2,126,479

PHOTOGRAPHIC APPARATUS

Paul Landrock, Rochester, and Blackwell K. Murchison, Brooklyn, N. Y., assignors to Photostat Corporation, Providence, R. I., a corporation of Rhode Island

Application April 2, 1936, Serial No. 72,354
2 Claims. (Cl. 95—81)



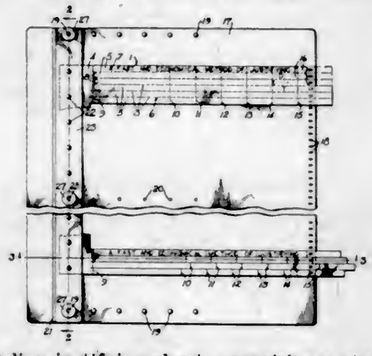
1. Photographic apparatus comprising a camera having a focal plane, means for holding sensitized sheet material in said focal plane in position to be exposed, a screen holder placeable in and removable from said camera, detachable means for maintaining said holder in stationary position within said camera, a screen frame movably mounted on said holder for movement toward and away from said focal plane, a screen having opaque portions and transparent portions mounted in said screen frame, resilient means tending to move said screen frame toward said focal plane to a position in which said screen is in contact with said sensitized sheet material, a shaft mounted on and bodily fixed with respect to said camera and rotatable about its own axis, said shaft having a portion within said camera and an actuating handle accessible externally of said camera, cam means on said shaft within said camera, and pivoted means mounted on and removable bodily with said screen holder for cooperation with said cam means when said holder is in place within said camera and with said screen frame to move said frame and screen away from said sensitized sheet material upon predetermined actuation of said handle.

2,126,480

CHARACTER ALIGNING SHEET

Harry Landsiedel, Wilton, Conn., assignor to Remington Rand Inc., Buffalo, N. Y.

Application March 17, 1936, Serial No. 69,310
8 Claims. (Cl. 95—4.5)



7. A line justifying sheet comprising a stretchable sheet formed to provide a marginal strip on one side and a series of strips extending laterally from said marginal strip in edge to edge relation, and margin guide lines on said sheet extending transversely of said series of strips in spaced parallel relation for defining the side margins of a writing space of predetermined size on said series of strips.

2,126,481

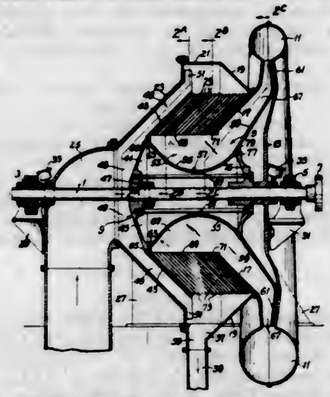
DUST SEPARATOR

Grover W. Lapp, Le Roy, N. Y., and Hugo Van Rosen, Newton Center, Mass.; said Lapp assignor to said Van Rosen, now by judicial change of name Hugo Van Roosen

Application July 29, 1933, Serial No. 682,788
Renewed August 10, 1936
17 Claims. (Cl. 183—77)

6. A dust separator comprising means for rotating dust-laden gas and directing the gas outwardly and thereby partially purifying the gas by separating therefrom the larger particles, a surface against which said particles are deposited, a plurality of nested cones, said cones being spaced apart a relatively short distance, means rotating said cones on their axes at a relatively high rotational speed, said gas current flowing inwardly between said cones at a high tangential velocity, whereby said gas current flows through said cones to the center thereof in the manner of a vortex, the vortex movement of the gas causing precipitation of the dust particles therefrom onto the surfaces of the cones and the centrifugal action occasioned by the rotation of said cones causing the precipitated dust particles to move radially

outwardly on the cones in counter-current to the gas current and be thrown against said surface,



and means for continuously removing said precipitated dust particles from the separator.

2,126,482

FASTENING DEVICE

Herman G. Lombard, Washington, D. C., assignor to Albert H. Tinnerman, Cleveland, Ohio

Application December 23, 1936, Serial No. 117,382
12 Claims. (Cl. 85—5)



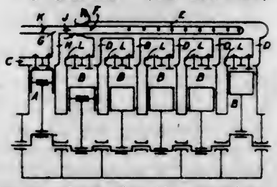
1. A sheet metal fastening device comprising a blank bent back upon itself along a line substantially at right angles to its longitudinal axis to present cooperating leg members integrally united to form a leading end for the device, said leg members providing a shank of greater length than the thickness of the supporting structure to which it is applied, one of said leg members having a shoulder projecting laterally beyond the outline of its cooperating leg and being adapted for relative, lateral yielding movement on being applied to fastening position in an aperture in said supporting structure, said projecting shoulder engaging the underface of said supporting structure in the applied fastening position of the device.

2,126,483

INTERNAL COMBUSTION ENGINE

Prosper L'Orange, Stuttgart-Feuerbach, Germany

Application December 4, 1935, Serial No. 52,839
In Germany August 12, 1935
5 Claims. (Cl. 123—27)



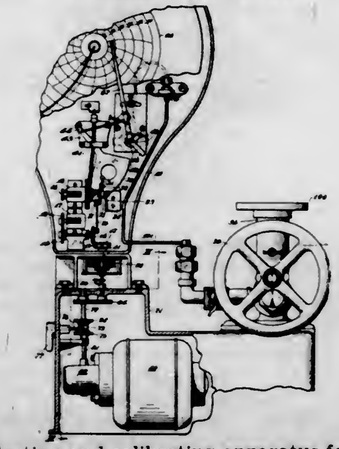
1. An internal-combustion engine of the compression-ignition and constant pressure cycle type having a plurality of working cylinders arranged in two sections working with different compression, means for feeding fuel separately to the two sections, an air chamber communicating with the atmosphere and with the low compression section for supplying charging air to the cylinders of said section, and means for heating the air in said chamber by the exhaust gases from the high compression section.

2,126,484

APPARATUS FOR CALIBRATING AND PROVING REGISTERS

Allen D. MacLean, Pittsburgh, Pa., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa., a corporation of Pennsylvania

Original application December 27, 1933, Serial No. 704,181. Divided and this application October 8, 1936, Serial No. 104,718
1 Claim. (Cl. 73—51)



A testing and calibrating apparatus for a pressure correcting meter of the type including a corrected volume register with means at the bottom of the meter externally accessible of the meter to drive said register, and a pressure responsive element having a connection extending laterally from the meter to be connected externally of the meter to vary the drive of said register from said driving means in proportion to the variation in the pressure of the fluid being metered, said apparatus comprising a hollow casing having a substantially closed top, a raised seat at one end of said casing top to receive the bottom of said meter, means to secure the bottom of said meter to said seat, a motor supported in said casing, a vertical drive shaft on said casing extending through said seat to engage the register driving means at the bottom of the meter when said meter is fitted on said seat whereby rotation of said drive shaft will drive said register, a drive connection for said drive shaft in said casing, manually operable drive means extending externally of said casing, means for selectively driving said drive connection from said motor or said manual means whereby said motor may be used to drive said register quickly until nearly the end of a test or calibration run and the manual means may then be utilized to operate the register to accurately complete the run, and a pressure generating means secured upon the top of said casing adjacent said raised seat and positioned to engage said connection to said pressure responsive element on said meter when said meter is fitted on said seat whereby said element may be subjected to different pressure while said register is being driven.

2,126,485

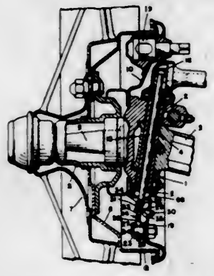
BRAKE MECHANISM

Frank L. Main, Birmingham, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application April 6, 1936, Serial No. 72,997
17 Claims. (Cl. 188—194)

1. In brake mechanism for a steering wheel

of a motor vehicle, the combination of a brake drum, a backing plate, brake friction means within and engageable with said drum, a longitudinally movable member for actuating said brake friction means, a longitudinally movable rod for



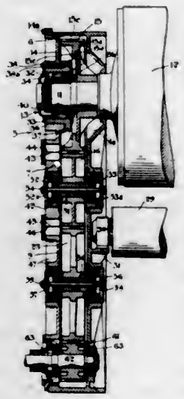
actuating said member and supported for limited lateral movement, and means upon said plate engageable with the rod at a point in the zone of engagement of the rod with said member for guiding said rod.

2,126,486

PAPER MACHINE

Bernard A. Malkin, Lachine, Quebec, Canada, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada

Application September 30, 1936, Serial No. 103,375
In Canada June 6, 1936
6 Claims. (Cl. 74—421)



1. Spindle driving mechanism of the character described comprising a hollow frame structure, spindle bearings housed in said structure, spindles journalled in said bearings and gears fixed to said spindles so that said gears are housed in the hollow frame structure between the bearings and the inner side of said structure, each of said gears comprising detachably connected sections including a hub section fixed to one of said spindles and a toothed ring section detachably carried by the hub section, said ring section being removable through an opening in the outer side of said hollow structure when detached from the hub section and being provided with a central opening large enough to permit it to be drawn outwardly over the adjacent bearing without disturbing the latter.

2,126,487

STABILIZING OF CELLULOSE ESTERS

Carl J. Malm, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application May 7, 1936, Serial No. 78,446
3 Claims. (Cl. 260—102)

1. The method of stabilizing an unstable partially hydrolyzed lower fatty acid ester of cellulose which has been separated from the esterification bath which comprises treating that ester with a dilute aqueous solution containing .1% to .05% of a salt having magnesium or alkali metal ions.

2,126,488

METHOD OF INCREASING THE VISCOSITY OF ORGANIC ACID ESTERS OF CELLULOSE

Carl J. Malm, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application May 7, 1936, Serial No. 78,447
6 Claims. (Cl. 260—102)

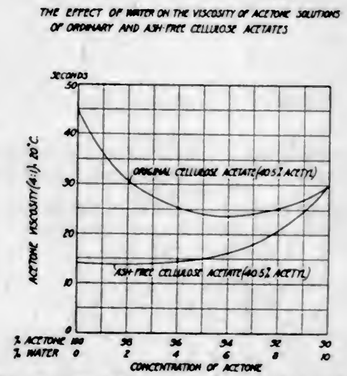
1. A process of increasing the viscosity of a partially hydrolyzed lower fatty acid ester of cellulose in solid form which comprises incorporating therein a small amount of an alkaline earth metal salt by means of an aqueous solution thereof containing .0003% to .1% of the salt.

2,126,489

PROCESS OF LOWERING THE VISCOSITY OF HYDROLYZED CELLULOSE ESTERS

Carl J. Malm, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application May 7, 1936, Serial No. 78,448
13 Claims. (Cl. 260—102)



1. The process of lowering the acetone viscosity of a partially hydrolyzed acetone-soluble organic acid ester of cellulose by thoroughly washing the ester with a series of at least four distilled water washes.

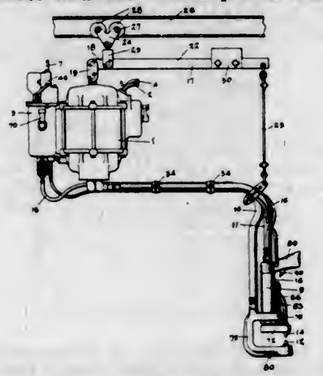
2,126,490

WELDING APPARATUS

William H. Martin, Detroit, Mich.

Application November 11, 1936, Serial No. 110,358
13 Claims. (Cl. 219—4)

1. In a welding apparatus, a manually supportable welder having a welder cylinder and a welder piston, a welding point mechanically connected to and operated by the piston for engaging the work, a cylinder member having two cylinder parts, means for supporting the cylinder member, a piston member having two piston parts movable in said cylinder parts, a source of supply of air under pressure connected to the cylinder member, a valve for controlling the supply of air to one of the cylinder parts to produce pneumatic pressure upon one of the piston parts, a flexible substantially non-expansible pipe having one end communicating with the other of the said cylinder parts and the other end communicating with the said welder cylinder, means for maintaining the spaces intermediate the said other of the piston parts and the welder piston within the



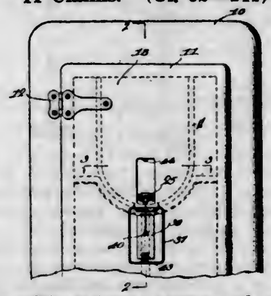
said other cylinder part and the welder cylinder and the flexible pipe substantially filled with a liquid, an electromagnetic means for operating the said valve, a source of supply of electric current, a switch located on the welder for connecting the said electromagnetic means to the source of electric current for operating the valve, a transformer connected to the source of current and having a secondary for producing a welding current, means for supporting the transformer, means including a flexible conductor for connecting the secondary to the work and the welding point, and means operated according to the pressure exerted by the welding point on the work for causing the flow of a welding current through the welding point and the work.

2,126,491

REFRIGERATED LIQUID DISPENSER

Harry C. McCartha, Jacksonville, Fla.

Application November 3, 1937, Serial No. 172,641
11 Claims. (Cl. 62—141)



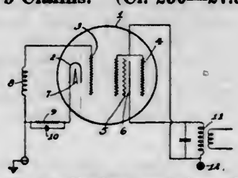
1. In a refrigerator, a source of water supply located within the refrigerator, a faucet movably carried by said refrigerator and connected to the source of water supply, said refrigerator having an opening leading to the exterior of the same and so associated with the faucet that the latter may be moved to an operative position adjacent the opening, means for urging and normally maintaining the faucet in an inoperative position, and means for moving and maintaining the faucet in an operative position against the action of said first mentioned means.

2,126,492

SUPPRESSOR GRID TUBE

Henry J. McCarthy, Danvers, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts

Application March 26, 1935, Serial No. 13,047
5 Claims. (Cl. 250—27.5)



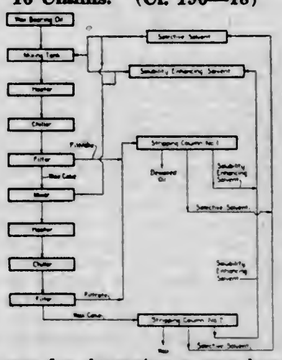
4. An electron discharge tube of the pentode type having a suppressor-grid which is conductively disconnected interiorly and exteriorly of the tube and which is treated to reduce secondary emission therefrom to the point where said grid assumes a potential near cathode potential by reason of said coating when subject to high-velocity electrons, and while conductively disconnected from the remaining electrodes of the tube.

2,126,493

PROCESS FOR DEWAXING MINERAL OILS

Donald S. McKittrick, Oakland, and Hilary J. Henriques, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application October 21, 1935, Serial No. 45,960
16 Claims. (Cl. 196—18)

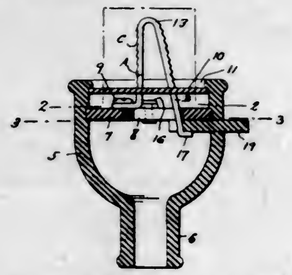


1. A process for dewaxing a wax-bearing mineral oil, comprising the steps of mixing said oil with a dewaxing diluent capable of causing the oil to separate into two freely flowing liquid oil-containing phases at a dewaxing temperature and containing a selective solvent which, at the dewaxing temperature, has a lower solvent power for wax than for oil, chilling the oil and diluent to the dewaxing temperature to form two freely flowing liquid oil-containing phases and to precipitate wax, and separating the precipitated wax from the two liquid phases by filtration to form a wax cake and a combined filtrate consisting of two liquid oil-containing phases.

13. A process for dewaxing a wax-bearing mineral oil, comprising the steps of mixing said oil

with a first dewaxing diluent capable of causing the oil to separate into two freely flowing oil-containing liquid phases at a dewaxing temperature and containing a selective solvent which, at said dewaxing temperature, has a lower solvent power for wax than for oil, heating the resulting mixture to a temperature above 60° C., chilling the heated mixture to said dewaxing temperature to form two freely flowing liquid oil-containing phases and to precipitate wax, separating the precipitated wax from the two liquid phases by filtration to form a wax cake and a combined filtrate consisting of two liquid phases, heating the separated wax cake to produce a homogeneous liquid phase, mixing the separated wax with a second dewaxing diluent, chilling the resulting mixture to precipitate wax, and separating the precipitated wax from the oil solution, said second diluent containing a sufficient quantity of a solubility enhancing agent to cause the solution of oil and diluent to be homogeneous at the temperature of the second separation of wax.

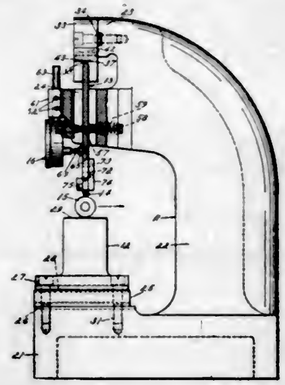
2,126,494
ELECTRIC PLUG
Irvin L. Means, Waukegan, Ill., assignor of one-half to Adolph Gerlich, Waukegan, Ill.
Application April 16, 1937, Serial No. 137,351
2 Claims. (Cl. 173—361)



1. An electric plug comprising a hollow shell, a transversely disposed plate of insulation in the shell, said plate having a centralized opening therein, a pair of U-shaped spring prongs, each of the said prongs having one of its legs longer than the other, the shorter legs of the prongs being secured to the outside of the said plate, the longer legs extending through the centralized opening and provided with lateral short formations at their free ends in close spaced relation to the inner side of said plate, a slider extending through a slot in the wall of the shell, said slider having a broad inner end portion for abutment with the longer leg members of the U-shaped prongs at a point between the inner side of the plate and the lateral formations of the longer legs.

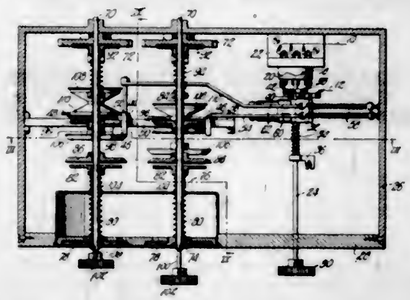
2,126,495
GAUGING APPARATUS
Joseph E. Padgett, Toledo, Ohio
Application November 6, 1935, Serial No. 48,605
7 Claims. (Cl. 33—148)

1. In a gauge mechanism a frame comprising a base and a standard having an offset neck portion above said base and a pair of arms disposed below said neck portion, an anvil secured with respect to said frame base, a removable spacer block disposed between said anvil and said frame base, a crosshead detachably secured to said frame neck and having at its lower end laterally disposed aligned notched bearing surfaces, a blade element disposed between said frame arms above said anvil and having at its upper end laterally disposed aligned knife edges bearing within said notched bearing surfaces, so that said blade may swing relative to said crosshead, said blade adjacent its upper end having a pair of laterally offset projections extending above said frame and a pair of compression springs disposed between said frame arms and said blade projections for urging said knife edges into contact with said



notched bearing surfaces, an adjustable tip secured in the free lower end of said blade above said anvil, an indicator secured with respect to the extremities of said frame arms and designed to register against the front of said blade, an adjustable stop secured with respect to said frame for limiting movement of said blade away from said frame, and a compression spring for resiliently urging said blade into contact with said stop.

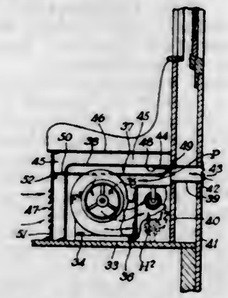
2,126,496
TIME SWITCH
Walter C. Padgett, Kansas City, Mo.
Application February 9, 1938, Serial No. 189,584
7 Claims. (Cl. 200—38)



2. In a time switch of the character described having a driving gear and an electric switch, a driven shaft; a gear on one end of the driven shaft in mesh with the driving gear whereby to rotate the driven shaft a portion of a complete revolution in a predetermined length of time; a cam, provided with a recess, carried by the driven shaft; a switch lever having operable connection with the electric switch pivotally mounted adjacent to the cam and having a head adapted to enter said recess when the latter is in aligned

relation with said head; an outer tubular shaft rotatably mounted upon said driven shaft near its other end; a dial having a clock face thereon secured to the outer tubular shaft; a pointer carried by the driven shaft at said other end; a spring to yieldably hold the dial and pointer in frictional engagement when in the normal position; a manually reciprocable and rotatable setting shaft; a member on the setting shaft for moving the head of said switch lever out of engagement with the recess in said cam when the shaft is at one end of its path of travel; and means interconnecting said setting shaft and said outer tubular shaft when the setting shaft is at said one end of its path of travel whereby the dial may be moved with respect to said pointer as the switch lever is disengaged from the recess in the cam.

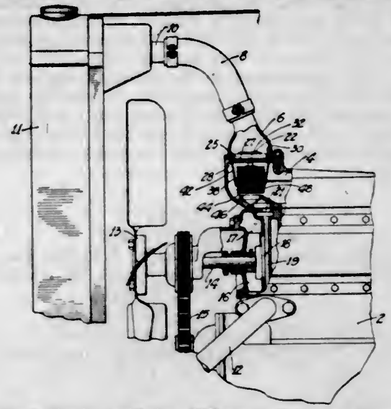
2,126,497
VEHICLE HEATING
Robert J. Parsons, Schenectady, N. Y., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y., a corporation of New York
Application November 24, 1934, Serial No. 754,688
2 Claims. (Cl. 98—2)



1. In a vehicle, in combination: a seat extending from the wall of said vehicle, a duct through said wall for the admission of fresh air to the space beneath said seat; a casing dividing said space into a main compartment, and an air feed compartment adapted to admit interior air from said vehicle, a plurality of fan elements spaced apart in said main compartment and an electric motor between said fans and connected to drive them, a duct extending lengthwise of said main compartment and enclosing a plurality of heater elements respectively in communication with said fans, a port between said main compartment and said wall duct, a port between said main compartment and said air feed compartment, and means to control selectively the admission of fresh air and air from said air feed compartment to said main compartment.

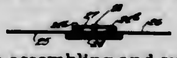
2,126,498
MOTOR VEHICLE
Clyde R. Paton, Birmingham, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application June 8, 1934, Serial No. 729,567
5 Claims. (Cl. 236—34)

1. An internal combustion engine comprising a water jacket, a radiator, pipe connections between the radiator and said jacket, a valve for controlling the flow of cooling fluid through said pipe connections, a by-pass for short circuiting the radiator with relation to the engine, a valve for controlling the flow of fluid through said by-pass, a thermostat for adjusting said first valve above a given fluid temperature, and an independently acting thermostat set to operate at a



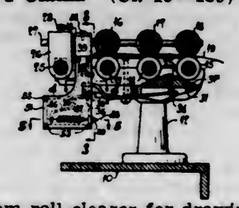
comparatively widely different temperature for adjusting the second valve.

2,126,499
METAL JOINT FOR SHEETS OR PIPE
William H. Petersen, Chicago, Ill., assignor to James J. Ingels, Chicago, Ill.
Application March 9, 1936, Serial No. 67,845
2 Claims. (Cl. 189—36)



2. A joint for assembling and supporting a pair of flat metal sheets in desired angular relation, comprising a cleat having a pair of channels, each of said channels directed in said angular relation having an inner straight sheet edge abutting portion adjoining a pair of closely spaced walls, one of the walls of each channel having an inturned free edge portion lying between the opposed sides of said pair of walls with the inner edge of said free edge portion extending for a substantial distance parallel with and spaced a definite distance from the inner sheet edge abutting portion which joins said pair of walls, and a sheet of metal having one edge portion adapted to fit snugly between the opposed sides of said pair of walls and to abut the adjoining portion thereof, said edge portion of the sheet having one or more struck up tongues having a straight edge portion arranged to abut the edge of said inturned edge portion between said pair of walls when the edge of said sheet is in substantial abutting relation with the straight adjoining portion of said pair of walls.

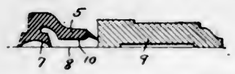
2,126,500
BOTTOM ROLL CLEARER FOR TEXTILE MACHINES
Norfleet O. Petrea, Mount Pleasant, N. C.
Application August 2, 1937, Serial No. 156,986
1 Claim. (Cl. 19—139)



In a bottom roll clearer for drawing frames, a housing secured to the drawing frame, a lever

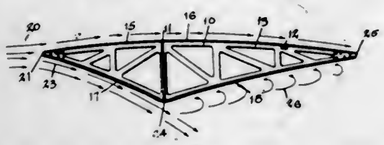
pivoted intermediate its ends to the housing, one end of the lever projecting downwardly and rearwardly with relation to the travel of a sliver or yarn being processed, a tension spring connected to said end, the other end of the lever projecting forwardly beneath the bottom drawing rolls, a pin pivotally secured to the forward end of said lever and projecting upwardly, a clearer board for engagement with the bottom rolls and having a cavity in the lower side thereof for receiving the upper portion of said pin pivotally secured to said lever.

2,126,501
PAINTER'S GUIDE
David George Puderbaugh, Altoona, Pa.
Application July 19, 1937, Serial No. 154,523
1 Claim. (Cl. 91—65)



A painter's guide comprising an elongated substantially flat hard rubber blade having one longitudinal edge thereof reduced and tapered to form a sharpened edge extending the full length of said blade and extending outwardly and downwardly from a top face of the blade, relatively soft rubber extensions formed on the longitudinal edge of said blade opposite to the first-mentioned longitudinal edge of said blade and each including portions arranged angularly to each other and to the blade, and suction cups integral with the free ends of said extensions to grip a support for detachably securing the blade thereto, said extensions permitting the blade to be manually moved towards and from a selected face of said support without detaching the cups from the support and normally acting to urge the blade against the selected surface of the support.

2,126,502
AIRFOIL
Frank A. Redlinger, Erie, Mich.
Application April 3, 1934, Serial No. 718,819
2 Claims. (Cl. 244—35)



1. An airplane wing throughout its major extent having a convex upper surface between the leading and trailing edges determining therebetween a chord in the line of flight entirely within the wing body, a lower forward concave surface extending downwardly and rearwardly from the leading edge of the wing of greater degree of curvature than the convex upper surface, and a rearward concave surface extending downwardly and forwardly from the trailing edge of said wing and to a juncture with the forward downwardly extending surface at a point which is substantially two-fifths of the chord length of the wing from the leading edge, said point being located a greater distance from the chord than the maximum distance of the convex upper surface from the chord, the line of maximum wing thickness from said point intersecting the chord a greater distance from the leading edge than the length of said wing thickness line.

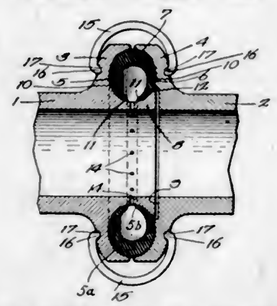
2,126,503
PROCESS OF REFINING MINERAL OILS
Edmond R. P. E. Retailliau and Joseph B. Wyman, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application December 11, 1933, Serial No. 701,870
4 Claims. (Cl. 196—28)

1. In the process of refining a vaporized straight run gasoline having a relatively low lead susceptibility, the steps of passing the vaporized gasoline through and in contact with finely divided ferric oxide mass maintained at a temperature of the order of 550° F., thereby partly removing sulfur-bearing substances from the gasoline and partly transforming them into compounds more soluble in concentrated sulfuric acid than said substances, condensing the treated vapors, and then treating the condensate with a concentrated sulfuric acid of 95 to 100% concentration, thereby substantially removing the sulfur-bearing compounds and raising the lead susceptibility of the gasoline.

2,126,504
SENSITIZED BLUE PRINT PAPER AND COATING THEREFOR
Alger P. Reynolds, North Beverly, Mass., assignor to Spaulding-Moss Company, Boston, Mass., a corporation of Massachusetts
No Drawing. Application August 21, 1937, Serial No. 160,309
1 Claim. (Cl. 95—7)

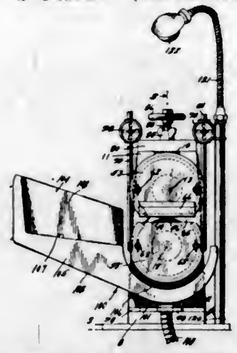
A sensitized blue print paper coating containing an acid hydrolyzable alkali metal phosphate, a light-sensitive iron salt in the ferric state and an alkali metal ferrocyanide, the proportions of said alkali metal phosphate to the other ingredients of the coating being such that a water solution of said coating has a pH value of less than 7 but not sufficiently low to permit the formation of an insoluble blue compound prior to exposure to light.

2,126,505
JOINT CONSTRUCTION FOR CONDUITS
Ivan H. Risser, Chicago, Ill., assignor to U. S. Bottlers Machinery Company, Chicago, Ill., a corporation of Illinois
Application June 15, 1937, Serial No. 148,316
4 Claims. (Cl. 285—129)



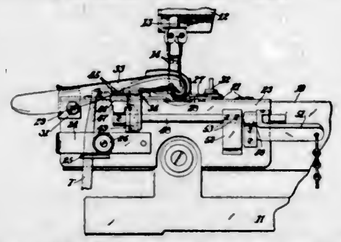
1. In joint construction for conduits for conveying fluid under pressure, including a conduit section having an end portion formed with an annular gasket-receiving recess including a wall portion forming a peripheral groove in said end portion, an internally hollowed-out gasket of resilient material with side-walls converging inwardly toward the central opening of the gasket and adapted to be stretched over said end of the conduit section and snapped into said groove, said groove being formed to cause said side-walls of the gasket to contract with respect to each other when same are snapped therein, and said conduit section having an aperture in its side-wall arranged to register with the interior of the gasket.

2,126,506
CASING CLEANING AND FATTING MACHINE
William V. Rushlau and Victor M. Michaels, Omaha, Nebr.
Application August 1, 1936. Serial No. 93,898
2 Claims. (Cl. 17—43)



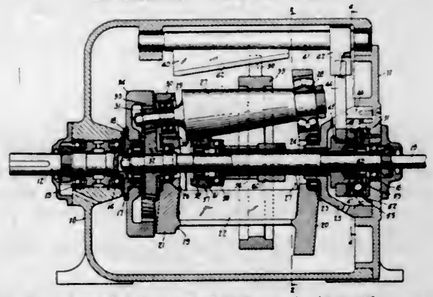
1. In a machine for removing the fat from the exterior of entrails, the combination of a pair of vertically spaced brushes, a cylindrical housing provided for each brush, slots in each housing, a water pipe attached to each slot having apertures in the side of the pipe adjacent the slot, opposed sides of each housing being cut to form an opening for the introduction and removal of the entrails, a pair of guards one on either side of the opening, another guard mounted on one of the housings and projecting partly over the opening, and a pan situated under the bottom housing.

2,126,507
SHIFTABLY MOUNTED WORK GUIDE
Rudolph J. Sailer, Townley, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application April 27, 1937, Serial No. 139,120
4 Claims. (Cl. 112—143)



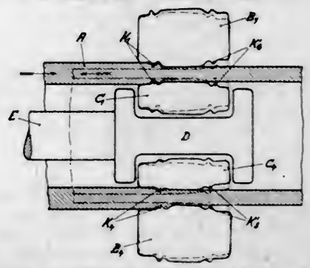
1. In combination, a sewing machine having a pair of spaced needles arranged in a plane transverse to the direction of feed, a hemmer for downwardly inturning the edge of the material to form a hem-fold and arranged in advance of said needles, a tape-guide for directing an elastic tape into the hem-fold, means for pivotally securing said tape-guide and hemmer to the machine, manual means under the control of the operator for simultaneously shifting said hemmer and tape-guide about said pivot to cause one of said needles to penetrate both the material and elastic tape and spring means for maintaining said hemmer and tape-guide in their normal positions.

2,126,508
VARIABLE SPEED TRANSMISSION
Walter P. Schmitter, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application January 18, 1937, Serial No. 121,119
15 Claims. (Cl. 74—281)



1. In a variable speed transmission, the combination of a rotor, an inclined tapered planet roller rotatable with and with respect to said rotor, a rigid control member contacting said roller, means including said rotor for mounting said member and roller for movement relative to one another in a direction lengthwise of said roller to regulate the speed ratio of the transmission, said roller reacting on said member to impose a torque load on the latter, and means resisting the torque load on said member and reacting on said roller to develop contact pressures between said roller and member.

2,126,509
TUBE ROLLING MILL
Jose Severin, Mulheim-Ruhr, Germany, assignor to Deutsche Röhrenwerke Aktiengesellschaft, Dusseldorf, Germany
Application November 9, 1934, Serial No. 752,281
In Germany November 25, 1933
5 Claims. (Cl. 80—13)



1. A rolling mill for producing tubes from hollow billets by stretching, particularly in the axial direction, and comprising several sets of inner and outer rolls, the inner and outer units of which have their axes lying inclined to the path of travel of the hollow billet and are adapted to operate respectively upon the outer surface and the inner surface of the hollow billet by grooving the material on helical lines and widening the groove, the rolls of the several sets of rolls which successively operate upon the billet being formed with passes related in such manner that every succeeding roll set acts upon the part of the hollow billet which

has already been acted upon by the preceding roll set, and means whereby the mill is adapted for rolling the hollow billet in both directions of travel through it, the said means consisting of passes provided upon the units of the several sets of rolls, certain of which passes are effective in one direction of travel of the hollow billet and certain of which passes are effective in the reverse direction of travel of the hollow billet, the passes for the reverse direction of travel being formed and positioned to continue the working of the billet carried out by the passes that are operative in the forward direction of travel of the billet and the rolls of each set of rolls being rotated in the reverse direction of rotation for the return direction of travel of the billet.

2,126,510

CELLULOSE MIXED ESTER SHEETING CONTAINING A LOWER ALKYL MYRISTATE

Henry B. Smith, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application December 26, 1935, Serial No. 56,237

3 Claims. (Cl. 106—40)

1. A transparent, flexible sheet comprising 100 parts by weight of a cellulose mixed organic acid ester selected from the group consisting of cellulose acetate-propionate, cellulose acetate-butyrate and cellulose acetate-stearate and, as a plasticizer therefor, from 5 to 30 parts by weight of a lower alkyl myristate.

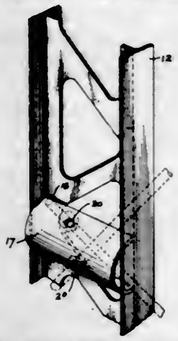
2,126,511

DIAGONAL BRACING FOR METALLIC STRUCTURES

Edward L. Soulé, Oakland, Calif.

Application April 18, 1936, Serial No. 75,130

6 Claims. (Cl. 189—34)



6. The combination with a structural metal wall comprising structural metal elements having perforate web portions and diagonal braces extending through the perforations of said webs, of an element over which said braces may be bent comprising a substantially semi-cylindrical shell secured to the web of the wall element with portions resting on the imperforate parts of the web and portions spanning a perforate part thereof.

2,126,512

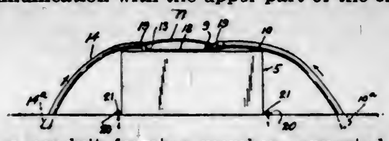
RODENT AND ANIMAL TRAP

Fremont D. Stemen, Linngrove, Ind.

Application March 4, 1937, Serial No. 129,032

1 Claim. (Cl. 43—65)

A trap of the class described comprising a casing, a partition therein dividing the casing into two chambers, an elbow-shaped tubular member connected with the top of each chamber and in communication with the upper part of the cham-



ber, a conduit forming member connected with each elbow-shaped member and a handle member extending between the elbow-shaped members and connected therewith.

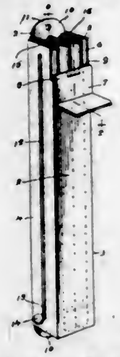
2,126,513

FOLDING TOWEL RACK

Glenn Sterrett, Indiana, Pa.

Application June 24, 1936, Serial No. 87,074

2 Claims. (Cl. 211—97)



1. A folding rack comprising an elongated casing having an open upper end, said casing having a cut out portion in a wall thereof extending downwardly of the upper end and providing a ledge below the upper end of the casing, said casing having a pair of opposed elongated openings on opposite sides of said first opening and extending downwardly thereof, a plurality of arms adapted to be disposed in side by side relation within the casing when in collapsed position, said arms having the inner ends thereof beveled and alined opening through said beveled ends, a pin extending loosely through said alined openings and said elongated openings, and yieldable means carried by said pin between said arms and engaging certain of said arms outwardly of the inner ends thereof whereby to dispose said certain arms with their outer ends in divergence with the inner portions of said certain arms contacting with the sides of said cut out portion of said casing.

2,126,514

SHEET SEPARATING AND FEEDING DEVICE

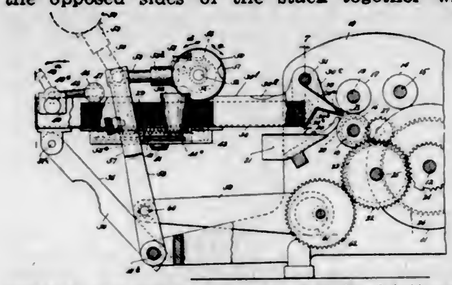
Frederick W. Storck, Arlington, and Carl V. Franson, Dorchester, Mass., assignors to Standard Mailing Machines Company, Everett, Mass., a corporation of Massachusetts

Application December 12, 1936, Serial No. 115,548

14 Claims. (Cl. 271—42)

1. In combination, a machine adapted to operate on sheets of paper and the like, intermittently actuated sheet feeding rollers in continued engagement with one another and forming the primary machine feed, sheet feeding mechanism associated with said rollers and adapted to advance sheets singly from a stack of sheets to a

bight formed by said rollers, a support for a stack of sheets, said support including guides for the opposed sides of the stack together with



pivoted pressure means adapted to frictionally engage with a portion of the side edge of said stack.

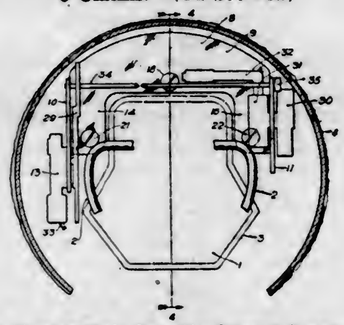
2,126,515

DEMOUNTABLE TIME SWITCH

Emil F. Swensen, Manitowoc, Wis., assignor to Paragon Electric Company, Chicago, Ill.

Application January 15, 1936, Serial No. 59,282

6 Claims. (Cl. 200—52)



1. A time switch for attachment to an electric meter mounted within a casing and having a limited space between the meter and the casing, said time switch being operatively independent of said meter and being freely removable from and freely applied to said meter without requiring the replacement of any mechanism of the meter and without having any driving relation with the meter, said time switch comprising driving means, switch means operated from said driving means, intermediate mechanism operatively connecting said driving means and switch means, and supporting means adapted to engage said meter, said driving means, switch means and intermediate mechanism approximately wrapping around a plurality of sides of said meter, said driving means, switch means, and intermediate mechanism having moving portions out of contact with said meter, and said time switch occupying the limited space between the meter and the casing.

2,126,516

PHOTOGRAPHIC PROCESS

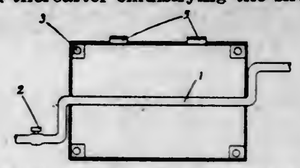
Géza Szász, Berlin-Reinickendorf-Ost, Germany

Application September 13, 1935, Serial No. 40,486

In Germany September 15, 1934

5 Claims. (Cl. 95—7)

1. The process of manufacturing photographic emulsion layers directly yielding positive pictures, which comprises forming silver halide in a solution containing an amount of gelatine so small as to prevent the formation of a stable emulsion, settling the silver halide from the solution, bringing the silver halide to a condition of solarization, and thereafter emulsifying the silver halide



in a gelatine solution of a concentration such that a stable emulsion capable of being poured is obtained.

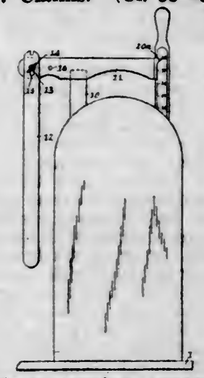
2,126,517

TAILOR'S MEASURING DEVICE

James Turpan, Paterson, N. J.

Application July 24, 1937, Serial No. 155,357

7 Claims. (Cl. 33—8)



2. A tailor's measuring apparatus including fixed structure providing a guideway, and a gage-plunger occupying and movable lengthwise of and in the guideway and having a terminal portion protruding therefrom, said plunger having one cross-sectional dimension thereof less than the corresponding dimension of the guideway, and said structure and plunger having coacting means to oppose displacement of the plunger in the guideway lengthwise of such dimension.

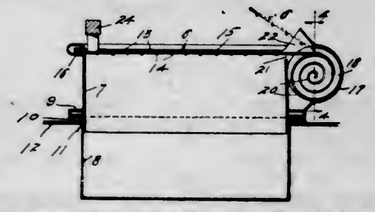
2,126,518

COVER FOR COOKING UTENSILS

Anton Vodinelich, South St. Paul, Minn.

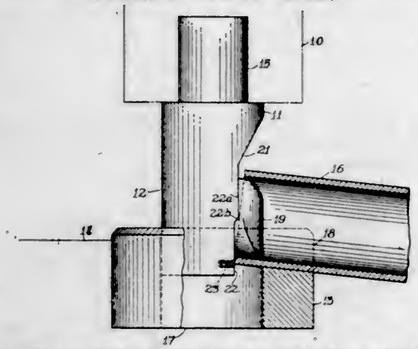
Application July 14, 1937, Serial No. 153,569

4 Claims. (Cl. 53—8)



1. In a device of the kind described, a horizontally disposed rectangular frame open at its top and bottom and having in its sides channel-like ways, a housing on the rear end of the frame outwardly thereof and having in its ends spiral channels forming continuations of said ways, and a cover comprising slats flexibly connected and mounted in said ways and channels for opening and closing sliding movement.

2,126,519
METHOD OF FORMING INTERSECTIONS FOR JOINING STRUCTURAL MEMBERS
Julius Vogel, Chicago, Ill.
Application December 17, 1936, Serial No. 116,265
8 Claims. (Cl. 29—148.2)



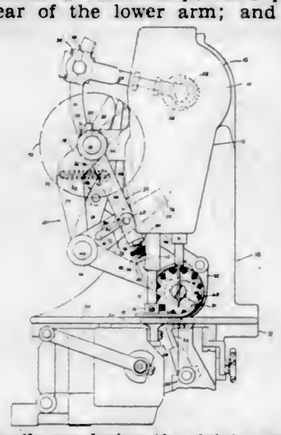
1. The method of uniting an end of one tubular member to an intermediate portion of a second tubular member comprising shearing two diametrically opposed sections from an end of the first member leaving a pair of concentric curved edges each formed about an imaginary center beyond said end of the member and leaving a pair of diametrically opposed unsheared portions on the member between the curved edges terminating in unsheared edges coincident with the remainder of said end, placing the members together with the second member substantially fitting the aforesaid curved edges with the aforesaid unsheared portions overlying opposite portions of said second member, and welding the two members together along at least portions of the edges of said unsheared portions.

2,126,520
ADHESIVE FOR LABELS AND METHOD OF MAKING SAME
Louis K. Wakeman, Leonia, N. J., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 1, 1936, Serial No. 61,892
12 Claims. (Cl. 134—23.4)

1. Compound for making an adhesive paste which when cooked with water is capable of adhering to an oily surface composed of tapioca dextrine having characteristics substantially as follows: solubility 28%–35%, dextrose content under 3% and fluidity 23–26; in an intimate mixture with borax and a hygroscopic agent.

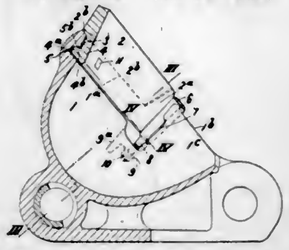
2,126,521
SEWING MACHINE
John P. Weis, Nyack, N. Y., assignor to Metropolitan Sewing Machine Corp., Nyack, N. Y., a corporation of Delaware
Application December 10, 1934, Serial No. 756,851
35 Claims. (Cl. 112—124)

1. In a sewing machine the combination of a frame; an upper arm; a lower arm; a stitching mechanism; a trimming mechanism; a circular cutter in said trimming mechanism; driving means for said stitching and trimming mechanisms; mounting means for said trimming mechanism on the upper arm, and extending downwardly therefrom, said means being swingable to locate the trimming mechanism in an operative position adjacent the stitching mechanism and in a raised inoperative position entirely clear of the lower arm; and means for



automatically rendering the driving means inoperative for the trimming mechanism when the latter is moved to the inoperative position.

2,126,522
DREDGER BUCKET
John Sydney Whittaker, Puchong, Selangor, Federated Malay States
Application August 22, 1936, Serial No. 97,439
In Great Britain September 30, 1935
10 Claims. (Cl. 37—141)

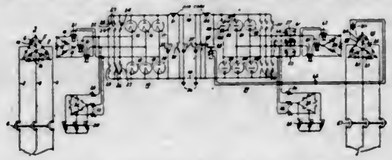


1. A dredger bucket having a lip seat at its front end, a renewable lip bearing against said lip seat and having its rear portion extending below the crown portion and between the side walls of the bucket, adjacent opposed surfaces on the crown portions of said bucket and lip, said opposed surfaces of the crown portions of the bucket and of the lip being firmly interlocked with each other to prevent movement between them in a direction normal to the plane of the rim of said bucket, and means for holding said lip in rigid contact with the lip seat and interlocked with the crown portion of the bucket.

2,126,523
PROTECTIVE SYSTEM FOR ELECTRIC VALVE CIRCUITS
Clodius H. Willis, Princeton, N. J., assignor to General Electric Company, a corporation of New York
Application August 20, 1936, Serial No. 96,975
Renewed January 29, 1938
14 Claims. (Cl. 171—97)

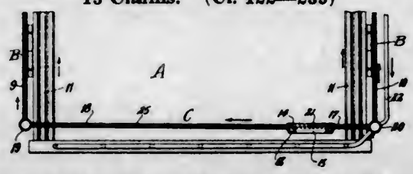
14. In combination, a constant voltage alternating current circuit, a constant current alternating current circuit, means interposed between said circuits comprising a network of the monocyclic type including a plurality of branches of

serially-connected inductances and capacitances for transforming constant voltage alternating current to alternating current of constant value, a constant current direct current circuit, electric valve means interposed between said constant current alternating current circuit and said



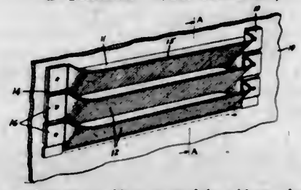
direct current circuit for transmitting energy therebetween, and voltage responsive means associated with a capacitance of said monocyclic network for effecting a short circuit of said electric valve means when the voltage across said capacitance exceeds a predetermined value.

2,126,524
SLAGGING FURNACE
Wilfred Rothery Wood, New York, N. Y., assignor to Combustion Engineering Company, Inc., New York, N. Y., a corporation of Delaware
Application January 27, 1936, Serial No. 60,973
13 Claims. (Cl. 122—235)



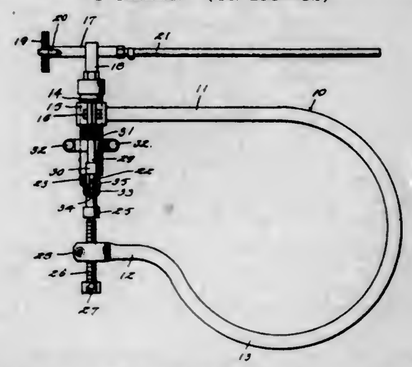
1. In a bottom for slagging furnaces, the combination of hollow ring-like means providing a slag discharge opening extending through said bottom, and a plurality of inlet and outlet tubes connected into said means for the circulation of a cooling medium therethrough, said tubes being arranged so that the top portions thereof are substantially flush with the top portion of the ring-like means.

2,126,525
LOUVER CONSTRUCTION
Robert G. Anderson, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application December 30, 1937, Serial No. 182,541
4 Claims. (Cl. 98—121)



3. In a louver, the combination including a sheet metal wall having an aperture therein, a louver blade extending across said aperture, the ends of said blade being secured to said wall adjacent said aperture with the section of said blade extending across said aperture being deformed about the longitudinal axis with respect to the end portions thereof so that said section lies in a plane at an angle with respect to the plane of said wall, a second blade parallel in all planes to corresponding planes of said first blade extending across said aperture, the ends thereof being provided with offsets so that the offset portions of said ends overlap portions of the ends of said first blade, the end portions of said second blade being secured to said first blade and to said wall.

2,126,526
BODY AND FENDER STRAIGHTENER
Charles Arthur Arnholm, Barre, Vt.
Application August 29, 1935, Serial No. 38,480
3 Claims. (Cl. 153—32)



1. A shaping device as set forth comprising a frame, a pair of spaced apart arms, an anvil, threaded supporting means engaging one of the arms and the anvil to adjustably support the anvil in the frame, locking means for said threaded means, a movable hammer, operating means for said movable hammer, clamping means carried by the other arm and engaging the operating means to support the operating means in opposed relation to the anvil, a pair of downwardly divergent arms, means for securing said arms to the operating means on opposite sides of the movable hammer and a work engaging member carried by the divergent ends of the arms.

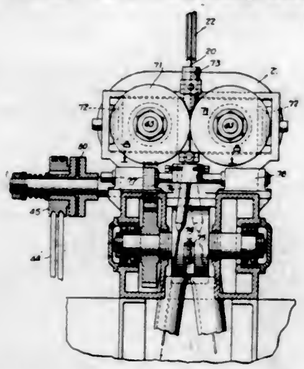
2,126,527
METHOD OF MAKING A SYNTHETIC TEASEED OIL
George Barsky, New York, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J., a corporation of New Jersey
No Drawing. Application November 24, 1936, Serial No. 112,494
2 Claims. (Cl. 260—411)

1. A method of treating teaseed oil which comprises treating about 69 parts by weight of teaseed oil with a sufficient amount of a saponifying agent to cause hydrolysis to take place to form free fatty acids, subjecting the product to steam distillation at a low pressure to distill over about 59 parts of refined fatty acids, treating the distillate with about 6 parts of 95% glycerine to esterify said refined acids.

2,126,528
APPARATUS FOR CONTINUOUS WIRE DRAWING
Harold K. Beach, Cranford, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y., a corporation of Delaware
Application March 9, 1937, Serial No. 129,799
2 Claims. (Cl. 242—80)

1. An apparatus for continuously forming wire into coils, comprising in combination, means for supplying wire, a plurality of laying coilers,

means interposed between the wire supply means and the coilers for transferring the wire from one coiler to the other without interruption of the progress of the wire, comprising shear knives



continuously rotating at the peripheral speed substantially equal to the speed of the wire, means for transferring the wire from one coiler to the other and across the path of the shear.

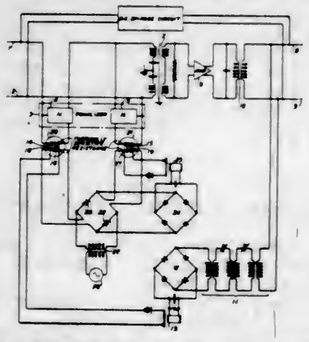
2,126,529

TRANSMISSION SYSTEM

Harold S. Black, Elmhurst, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application September 16, 1936, Serial No. 101,058

6 Claims. (Cl. 178—44)



1. In a transmission system, an amplifier, an equalizer in the input of said amplifier having a series resistance and a shunt resistance, and means for maintaining the output of said amplifier constant, comprising means under the control of said output to vary said series and shunt resistances, while maintaining their product constant, said varying means including silver sulphide resistance units, and heating means for reciprocally varying the temperatures thereof.

2,126,530

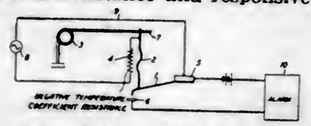
SIGNALING SYSTEM

Harold S. Black, Elmhurst, and Earl K. Van Tassel, Great Kills, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application January 17, 1936, Serial No. 59,522

7 Claims. (Cl. 177—311)

1. The combination in a signaling system of a fusible element, a circuit including said element, a source of potential connected to said circuit, a resistor having a high negative temperature coefficient of resistance and responsive to other



than normal ambient changes of temperature in the surrounding medium for controlling the flow of current in said circuit, and a signal device actuated upon fusion of said fusible element.

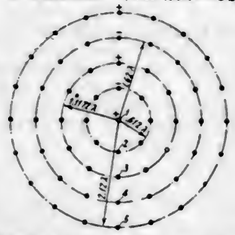
2,126,531

ANTENNA

Philip S. Carter, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application March 9, 1936, Serial No. 67,785

6 Claims. (Cl. 250—33)



1. An antenna comprising a plurality of concentric circular antenna arrays each composed of vertical radiators, the radius of each circular array being such that the zero order Bessel function of the first kind, namely $J_0(2\pi a/\lambda)$, with the argument $(2\pi a/\lambda)$, is a maximum or a minimum, where a is the radius of the circular array, λ the wavelength, and high frequency apparatus for energizing the radiators in each circular array cophasally.

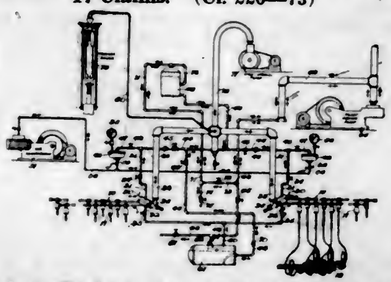
2,126,532

METHOD AND APPARATUS FOR CHARGING THERMOSTATIC DEVICES

Paul E. Cate, Knoxville, Tenn., assignor to The Fulton Syphon Company, Knoxville, Tenn., a corporation of Delaware

Application August 27, 1935, Serial No. 38,130

17 Claims. (Cl. 226—73)



1. A method of charging a thermostatic assembly comprising the steps of subjecting said assembly to a relatively high vacuum to evacuate the same, flowing a quantity of thermo-responsive liquid into said evacuated assembly under atmospheric pressure, and then as a separate step after said assembly has been filled at atmospheric pressure applying air pressure to produce an increased pressure on said liquid while preventing contact of the air with said liquid to force an additional quantity of liquid into said assembly under a pressure greater than atmospheric.

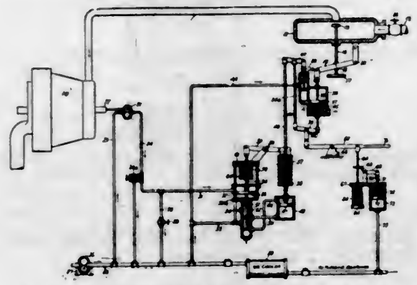
2,126,533

HYDRAULIC GOVERNING MECHANISM

Reed J. Caughey, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application April 10, 1935, Serial No. 15,595

5 Claims. (Cl. 264—14)



1. A prime mover including the combination of a control element for controlling the supply of fluid to the prime mover, and a governing mechanism for positioning the control element in response to speed changes of the prime mover, said governing mechanism including a cylinder having a first piston with a stem therein, a positive displacement pump driven by the prime mover and connected to one side of said piston, an auxiliary cylinder with a second piston, means including a stem for connecting the second piston to the control element, means including another pump independent from the positive displacement pump and a pilot valve connected to the first piston for conducting actuating fluid to the auxiliary cylinder, and other means for loading the first piston to counteract further pressure changes after an initial movement of the first piston in response to movement of the second piston comprising a fulcrumed lever having one end connected to the stem of said first named piston and a tensioned spring connected between the other end of the lever and the stem of the auxiliary piston to reduce the time lag between a speed change and the response thereto by the auxiliary piston.

2,126,534

CONTROLLED ATMOSPHERE FURNACE CONSTRUCTION AND OPERATION

Frank T. Cope, Salem, Ohio, assignor to The Electric Furnace Company, Salem, Ohio, a corporation of Ohio

Application May 22, 1936, Serial No. 81,280

13 Claims. (Cl. 266—4)



1. Closure means for a passage communicating with the heating chamber of a heat treating furnace, including a trough with a weir discharge portion, a sump, means for supplying liquid to said trough to maintain a body of liquid therein having a substantially constant level, and baffle means projecting into said liquid body to maintain the same quiescent, whereby a smooth sheet of liquid falls from said trough weir to said sump to seal said passage.

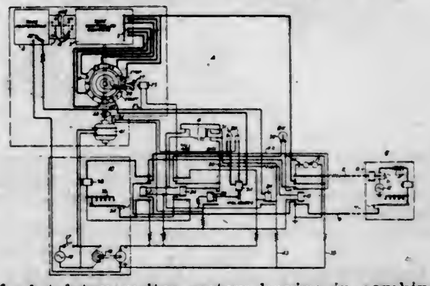
2,126,535

TELETYPEWRITER SYSTEM

Thomas L. Corwin, Newark, N. J., Burdette S. Swezey, Floral Park, and Edward F. Watson, Larchmont, N. Y.; said Corwin assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York; and said Swezey and said Watson assignors to American Telephone and Telegraph Company, a corporation of New York

Application September 28, 1935, Serial No. 42,560

5 Claims. (Cl. 178—4)



1. A teletypewriter system having in combination a first teletypewriter station having a teletypewriter, a tape perforator-transmitter, a transmitter-distributor, and a local circuit leading from the perforator-transmitter through the transmitter-distributor to the teletypewriter at that station; a second teletypewriter station having a teletypewriter capable of both receiving and sending message signals to the first teletypewriter station; a communication line connecting the two stations for the transmission of significant current variations; and instrumentalities at the first station for automatically switching the teletypewriter at that station from its local circuit into the line in response to the reception of a break signal transmitted from the second station.

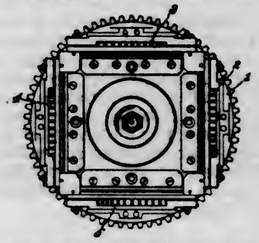
2,126,536

MOLD COOLING DEVICE FOR LINE CASTING MACHINES

Cyril C. Cox and Earl L. Purdy, Indianapolis, Ind.

Application October 7, 1936, Serial No. 104,472

3 Claims. (Cl. 199—56)



1. In a line casting machine, the combination with a mold disc having a mold cavity therein, a vise associated with said disc and trimmer knives mounted on said vise, one of which is movable, of means carried by said movable knife for delivering air into said mold cavity.

2,126,537

FOLDING MECHANISM FOR PRINTING MACHINES

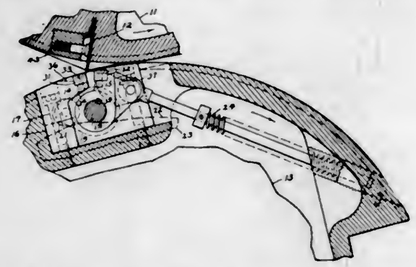
Herman P. Clauberg, Hasbrouck Heights, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application August 31, 1935, Serial No. 38,673

12 Claims. (Cl. 270—61)

12. In a sheet folding mechanism, the combina-

tion of a pair of openable and closable jaws and a pair of sheet engaging members positionable one on each jaw into cooperating relation with each other to grip a sheet directed therebetween,



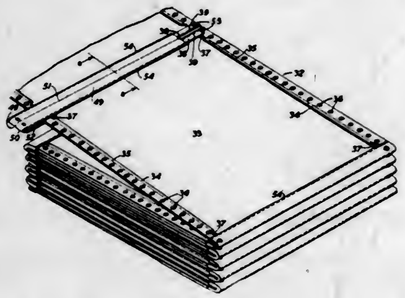
one of said members being removable from such sheet gripping position to provide a clearance space between said jaws for the sheet directed therebetween.

2,126,538

CARBON SHEET AND LOOSE FORM HOLDER

Karl R. Dencklau, Plainfield, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application June 22, 1934, Serial No. 731,881
17 Claims. (Cl. 282—29)



1. In combination, a plurality of holder units for holding paper, each of said holder units comprising a backing piece, a plurality of holding instrumentalities, means for securing at least one of said holding instrumentalities to each backing piece for enabling each holder unit to slidably receive paper, a plurality of interlocking flaps, and means for securing at least one of said interlocking flaps to one end of each backing piece for enabling the holder units to be joined in strip formation.

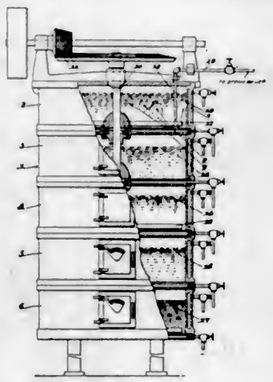
2,126,539

PROCESS OF AND APPARATUS FOR EXTRACTING COTTONSEED OIL

James P. Dickinson, Memphis, Tenn.

Application November 12, 1936, Serial No. 110,519
2 Claims. (Cl. 87—6)

1. The herein described process consisting of dumping a batch of cold cotton-seed meats into the top kettle of a heated stack cooker, injecting steam directly into said batch of cold meats at a point near the bottom and adjacent to the outer wall of the top kettle only so as to deflect and disseminate the steam throughout the entire batch and suddenly raise its temperature, continuously cooking said batch by indirect heat only while traversing succeeding kettles, and maintaining the temperature of said batch at ap-



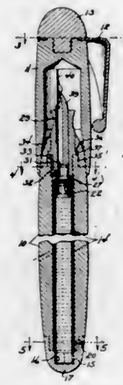
proximately 228° F. in the last kettle prior to its discharge from the cooker.

2,126,540

FOUNTAIN PEN

Beauford Harold Dicks, Athelstane, Wis.

Application December 29, 1937, Serial No. 182,347
3 Claims. (Cl. 120—48)



1. A fountain pen comprising a barrel, a tube filled with ink removably disposed in the barrel, a valve on one end of the tube, a wrench head on the opposite end of the tube, means connected with the barrel and disposing the valve in a predetermined relationship with respect to the wrench head, and a cap removably and rotatably disposed on the barrel and having a socket receiving said wrench head for rotating the tube with respect to the valve to open and close the valve.

2,126,541

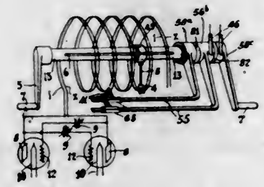
HIGH FREQUENCY OSCILLATING CIRCUIT

Lee de Forest, Hollywood, Calif., assignor to Lee De Forest Laboratories, Los Angeles, Calif., a partnership comprising Lee de Forest, Fred W. Christian, Jr., and R. W. Whiston

Application September 20, 1935, Serial No. 41,410
17 Claims. (Cl. 250—36)

2. An oscillating circuit containing distributed inductance and capacity consisting of two par-

allel insulated conductors wound in helical formation, the distance separating the two paral-



lel conductors being small relative to the pitch of said helix.

2,126,542

INSERTABLE JOINT

John R. De Hart, Reading, Pa., assignor to Reading Foundry and Supply Co., Reading, Pa., a corporation of Delaware

Application May 24, 1938, Serial No. 209,791
3 Claims. (Cl. 285—116)



1. An insertable joint for soil pipes and the like comprising a section of pipe having threads thereon adjacent the upper end and including an arcuate wall portion extending a substantial distance endwise beyond said threads for supporting superimposed pipe sections, an arcuate insert section arranged for cooperative association with said pipe section and the endwise extending wall portion thereof to complete the wall of the pipe section, and a hub for said section having at the lower end thereof an internally threaded portion adapted to be screwed onto the threads on said pipe section.

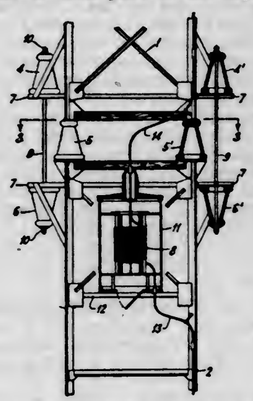
2,126,543

INSULATING ARRANGEMENT FOR ANTENNAS

William S. Duttera, Lynbrook, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application April 15, 1937, Serial No. 137,004
6 Claims. (Cl. 250—33)

1. An insulating arrangement for a vertical tower antenna comprising an insulator inserted in the leg of a tower for transmitting compressive stresses from the part of the leg above the insulator to that part of the leg below the insulator, and a pair of insulators symmetrically located above and below said first insulator, and so constructed and arranged as to transmit the tensile stresses from the top part of the leg above said first insulator to that part of the leg below said



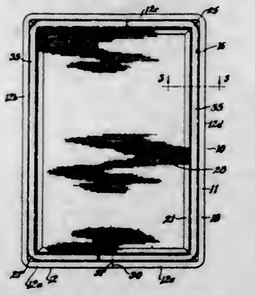
first insulator, whereby all insulators are always in compression.

2,126,544

SCREEN CONSTRUCTION

Harry H. Everhard, Canton, Ohio

Application March 6, 1936, Serial No. 67,455
3 Claims. (Cl. 156—14)



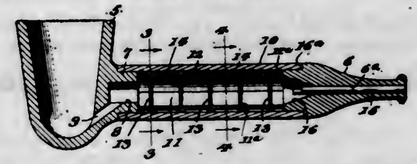
3. In a metal strip frame for a screen fabric, the frame including a channel base and channel side walls, said frame being provided with a right angle corner having side sections extending therefrom, portions of the channel base and the channel side wall within the angle being cut away at the corner, the other channel side wall having a right angle bend at the corner, and a continuous flange integral with and extending angularly outward from the outer channel side wall and around the corner.

2,126,545

SMOKER'S PIPE

Frank F. Field, Akron, Ohio

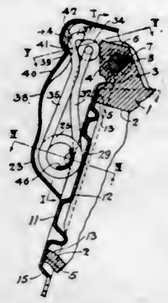
Application August 27, 1936, Serial No. 98,247
7 Claims. (Cl. 131—12)



1. A smoking pipe comprising in combination, bowl and bit portions, said bowl having a short

smoke outlet-providing boss, a stem member comprising a longitudinally split sleeve providing two cooperating sections having transverse grooves, spaced in the direction of the length of the stem, corresponding grooves of the respective sections being arranged in matching communication with one another, transversely extending baffle partitions carried in alternate grooves of the respective sections and engaging in opposed grooves of the other section and terminating short of the opposed wall of such second-mentioned section whereby to hold such sections against longitudinal shifting, and a sleeve member extending beyond the ends of said stem section and having connection with said bowl and bit.

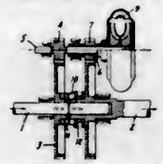
2,126,546
JOURNAL BOX AND LID THEREFOR
Nels E. Flodin and Theodore R. Weber, Latrobe, Pa., assignors to American Locomotive Company, New York, N. Y., a corporation of New York
Application September 1, 1936, Serial No. 98,878
3 Claims. (Cl. 308—47)



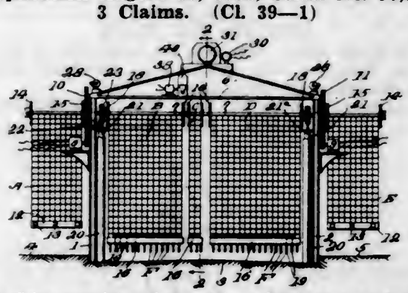
2. In a journal box construction, a journal box having an opening; a lug having a cam face above said opening; a cover, spring-pressed upon said box over said opening and having pivotal connection with said lug; a hood having pivotal connection with said lug, a lower end spring-pressed upon said cover, and a spring-engaging inner face above the axis of said hood pivotal connection and spaced outwardly therefrom; and a U-shaped spring having a loop portion secured to said cover, an inner branch in spring-pressed engagement with said cam face, and an outer branch having an outer face in spring-pressed engagement with said hood inner face, whereby said hood and cover are yieldingly held in their closed positions, said hood and spring engaging faces being directed upwardly and outwardly to provide an upwardly diverging angle with said lug cam face, whereby the pressure of said hood end upon said cover is increased on movement of said hood end away from said cover, and the resistance to separation of said hood end from said cover is increased due to the necessity of simultaneously further tensioning said spring.

2,126,547
TURBOMECHANICAL TRANSMISSION GEAR
Hermann Föttinger, Berlin-Charlottenburg, Germany
Application April 29, 1936, Serial No. 76,962
In Germany May 2, 1935
9 Claims. (Cl. 74—189.5)

1. In a high speed turbo-mechanical transmission gear, the combination of a driving shaft and a driven shaft arranged coaxially, a turbo-gear connected to said shafts through a step-up and step-down mechanical gear train respectively, and a direct coupling between the said shafts arranged to connect directly said shafts to each other.

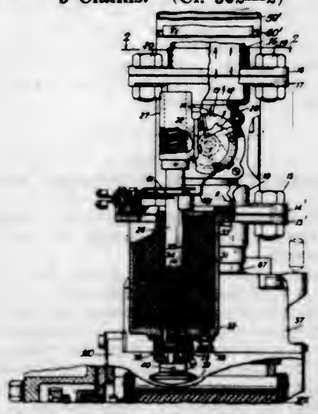


2,126,548
RAILROAD CROSSING GATE
Harry R. Gilmore, Steubenville, Ohio
Application August 20, 1936, Serial No. 97,068
3 Claims. (Cl. 39—1)



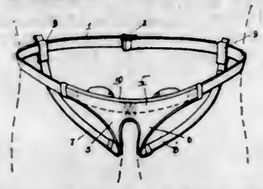
1. The combination with a highway and railroad crossing, of a rotatable support located above the said highway, a flexible gate hung and free to swing on said support, means to rotate said support to roll and unroll the said gate, and means at the lower portion of said gate automatically interlocking with the front end of a moving vehicle and by said movement elevate the front end of the said vehicle from the ground, for the purpose described.

2,126,549
PNEUMATIC TICKET DISTRIBUTING SYSTEM
Leon N. Hampton, New York, N. Y., and Albert K. Smith, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 7, 1936, Serial No. 89,282
5 Claims. (Cl. 302—2)



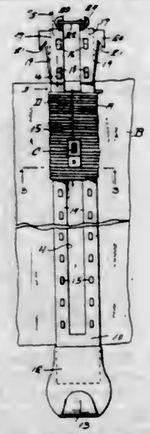
1. In a pneumatic ticket distributing system, the combination with a housing, a plurality of ticket sending tubes having their receiving ends connected to said housing and an air exhaust tube connected to said housing, of a valve connected to said exhaust tube and having an element operable for controlling the flow of air in the ticket sending tubes, a solenoid for operating said element, a pneumatic relay having a pair of contacts and a movable member, said member being operable upon a pressure difference in said sending tubes for engaging either one of said contacts for causing the energization of said solenoid, the operation of said element interrupting the air flow in the ticket sending tubes for preventing the conveyance of the tickets therein.

2,126,550
TRUSS
Julius E. Hansen, Rochester, N. Y.
Application August 13, 1936, Serial No. 95,789
5 Claims. (Cl. 128—95)



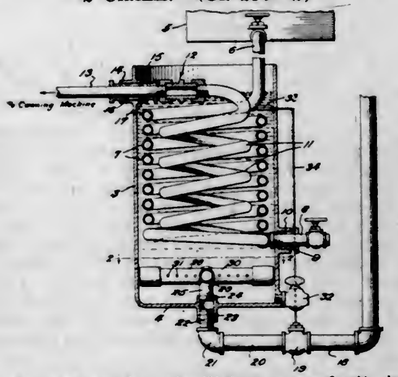
5. A truss comprising an elastic waist band, a substantially non-elastic skirt attached to one edge thereof to keep a section of the edge of the waist band from stretching and cause said waist band to yield laterally and stretch longitudinally to one side of the non-stretchable edge and along the skirt, thereby causing the waist band to assume a transversely angular position along the skirt when tensioned against the body of the wearer of the truss and means for connecting the bottom of the skirt to the waist band to hold the skirt in substantially the same transversely angular position against the body of the wearer of the truss, and a truss pad carried by said waist band on its laterally yielding and longitudinally stretching section.

2,126,551
RUG MAKING IMPLEMENT
Coral E. Haymaker, Bartlesville, Okla.
Application July 13, 1937, Serial No. 153,410
2 Claims. (Cl. 112—9)



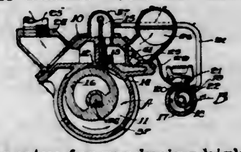
2. An implement of the character described, formed of a flat relatively thin strip of metal, the strip being longitudinally slotted from one end nearly to the other, the last named end being provided with a hook-shaped handle, the slot defining two legs, the outer ends of said legs adjacent the open end of the slot having each a plurality of hooks extending toward the handle, the outer ends of the legs at the open end of the slot having means whereby the gap between the legs may be detachably closed, the legs between the first named hooks and the handle being provided at uniform spaced distances with outwardly extending pawls, the pawls extending toward the open end of the slot at an acute angle to the face of the implement, the slot having a width slightly greater than the width of a standard sewing machine presser foot, and knives detachably engaged with the first named hooks and having slots to receive said hooks, the knives having their lateral edges outwardly inclined and sharpened.

2,126,552
APPARATUS FOR STERILIZING GRAPE-FRUIT JUICE
Lewis Emmette Holloway, Leesburg, Fla.
Application April 10, 1937, Serial No. 136,197
2 Claims. (Cl. 257—2)



1. Apparatus for sterilizing grapefruit juices comprising an open top container substantially filled with water, a reservoir for juice supported above the container, a pipe for conducting juice from the reservoir and bent to form concentric heating coils connected in series in the container, the outer coil being constructed to cause flow of the juice from the top to the bottom of the container, the inner coil rising from the lower end of the outer coil to discharge at the top of the container, means for heating the water in the container to sterilizing temperature, and means operable by the heat of said water for automatically controlling said heating means.

2,126,553
VACUUM PUMP
Carl S. Hornberger, Glen Ellyn, and Marshall N. States, Evanston, Ill., assignors to Central Scientific Company, a corporation of Illinois
Application April 26, 1935, Serial No. 18,364
15 Claims. (Cl. 230—207)



8. An apparatus for producing high vacua comprising a finishing pump having a cylinder, a pis-

ton movable in said cylinder, an intake passage for said cylinder and an exhaust vestibule for containing oil for lubricating said cylinder and into which said pump exhausts, a check valve in said vestibule at the level of said oil, said valve arranged for admitting oil to said cylinder from the surface only of said oil in a thin layer for lubricating the cylinder, a roughing pump, and a passage connecting the intake of the roughing pump with said vestibule above the level of the oil therein whereby the amount of oil supplied to said cylinder is degassed.

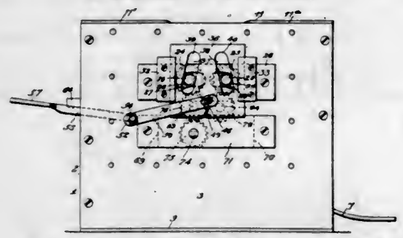
2,126,554

MACHINE FOR BREAKING MEAT FIBER

Everard K. Hoy and Urbano Pedro Arena, Alturas, Calif.

Application October 24, 1935, Serial No. 46,617

6 Claims. (Cl. 17—26)



6. A meat tendering machine comprising a frame, a pair of serrated rollers in said frame, trunnions carried by each roller, a gear secured to each trunnion, a pair of driving gears at each end of said rollers, the gears of each pair meshing with each other and with said gears on said trunnions, means rotatably mounting said rollers for adjustment relative to each other about the axes of said second gears, and means at each end of said rollers movable in a plane at right angles to the longitudinal axes of said rollers, for moving said rollers toward or away from each other.

2,126,555

PROCESS FOR THE TREATMENT OF SOLUTIONS OF COLLOIDAL AND CRYSTALLOIDAL NATURE, AND IN PARTICULAR OF SWEET JUICES AND RESIDUAL WATERS

Emile Joseph Hugel, Etrepagny, France

No Drawing. Application July 30, 1935, Serial No. 33,914. In France August 4, 1934

5 Claims. (Cl. 210—2)

1. Process for the treatment of solutions of colloidal and crystalloidal nature, which consists in adding to the solution to be treated a mixture of colloidal sulfur and colloidal graphite in a proportion varying from 30 to 350 grams per 1000 liters of solution, in heating the solution thus treated and alkalizing it, in subsequently reducing the alkalinity by adding an acid and in raising the whole to a temperature exceeding 80° C. and in finally filtering.

2,126,556

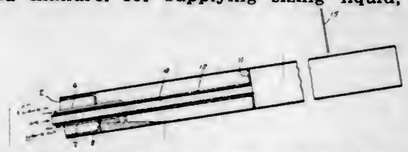
MANUFACTURE OF TUBULAR PAPER STRUCTURE

Everett C. Hughes, Cleveland, Ohio, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio, a corporation of Ohio

Application May 31, 1935, Serial No. 24,311

10 Claims. (Cl. 91—55)

1. Apparatus for making a tubular paper structure, comprising a hollow mandrel, means for continuously forwarding a tubular paper body thereover and beyond, an inlet connection through said mandrel for supplying sizing liquid, and



means for limiting the extent of axial flow of the liquid, said means including means for mounting the mandrel with its discharge end rising on an incline to the horizontal.

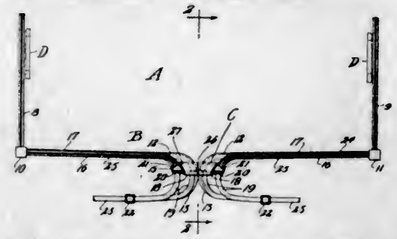
2,126,557

SLAGGING FURNACE

George P. Jackson, Flushing, N. Y., assignor to Combustion Engineering Company, Inc., New York, N. Y., a corporation of Delaware

Application March 16, 1936, Serial No. 69,115

7 Claims. (Cl. 122—235)



1. A slagging furnace having upright walls comprising steam evaporating tubes and headers into which the lower ends of the tubes are connected, a bottom for the furnace having a slag discharge opening extending therethrough, hollow means constituting the boundary of said slag discharge opening, water inlet tubes connected into said hollow means, and outlet tubes connected at one end into said hollow means, certain of said outlet tubes being connected at their other ends into the lower header of one upright wall of the furnace and the remainder of said outlet tubes into the lower header of the opposite upright wall of the furnace.

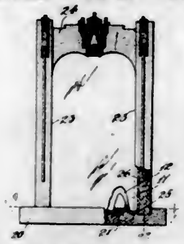
2,126,558

PHOTOGRAPH FRAME

Gustav A. E. Kaul, Hackensack, N. J.

Application January 4, 1937, Serial No. 118,977

1 Claim. (Cl. 40—152.1)



In a device for exhibiting pictures and the like, a base having a central groove extending longitudinally thereof, and provided with recesses at the ends of said groove, and a frame having side members provided with feet at the bottom thereof fitted tightly into said recesses, said side members having grooves registering with the groove

in the base, said frame having a top cross member having a slot through which pictures or the like can be inserted back to back into said grooves so that said pictures can be exhibited from both sides of the frame.

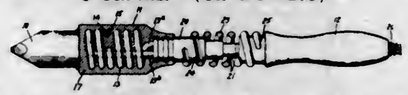
2,126,559

SOLDERING IRON

Floyd M. Kirkpatrick, Erie, Pa., assignor to General Electric Company, a corporation of New York

Application March 30, 1934, Serial No. 718,226

6 Claims. (Cl. 113—105)



2. A soldering iron comprising a working tip formed of an alloy consisting substantially of copper, beryllium and cobalt, said beryllium and cobalt constituting from about 0.4% to about 3% of said alloy, the percentage of beryllium in said alloy being less than the percentage of cobalt in said alloy, and said copper constituting the remainder of said alloy.

2,126,560

DERIVATIVES OF CYCLOHEXYLAMINE AND USES THEREFOR

Lucas P. Kyrides, Webster Groves, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application October 7, 1935, Serial No. 43,924

5 Claims. (Cl. 106—40)

1. A composition of matter embodying nitrocellulose intimately admixed with a camphor substitute, a product obtainable by the reaction of an N-cyclohexyl N'-cyclohexyl alkyl diamine and an organic carboxylic acid anhydride.

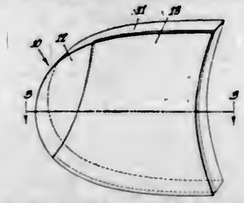
2,126,561

RUBBER HEEL

Charles Lamb, South Pasadena, Calif.

Application December 20, 1937, Serial No. 180,678

2 Claims. (Cl. 36—35)



1. A heel comprising a body of rubber which includes: a base or upper layer of relatively high resiliency and abrasion resistance, said base layer extending down to the lower face of said heel in the area of maximum wear; and a lower layer of uniformly and relatively low resiliency and abrasion resistance, said lower layer covering the balance of the downwardly disposed areas of the lower face of said heel, said layers being vulcanized into a unitary body.

2,126,562

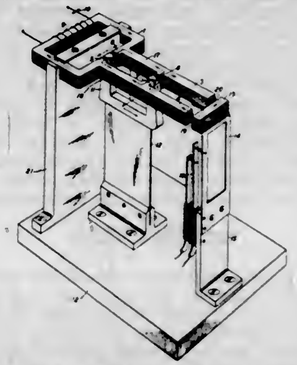
RELAY

Emory Lakatos, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application October 31, 1936, Serial No. 108,594

6 Claims. (Cl. 178—48)

1. An electromagnetic device comprising in combination a mechanical filter and a relay, said device including in a unitary structure a tuned vibratory armature and a contact controlling ar-



mature, and means for generating a demodulated force under the control of said tuned armature to act on said contact carrying armature.

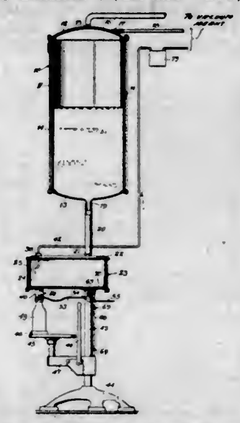
2,126,563

BOTTLE FILLING APPARATUS

Burgess A. Lee, Lockport, N. Y., assignor to William Rand Kenan, Jr., Lockport, N. Y.

Application April 7, 1936, Serial No. 73,079

6 Claims. (Cl. 226—100)



2. Apparatus for filling a container with a fluid comprising a nozzle connected to a source of supply of the fluid and having an abutment portion formed at its lower end for forming sealing engagement with a container to be filled, means for raising and lowering the container into and out of engagement with said abutment portion, and means operative in response to the lowering of the last named means for introducing an inert gas into the container.

2,126,564

SAFETY PILOT SHUT-OFF

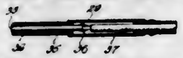
Oscar J. Leins, Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis., a corporation of Wisconsin

Application February 4, 1935, Serial No. 4,741

5 Claims. (Cl. 136—4)

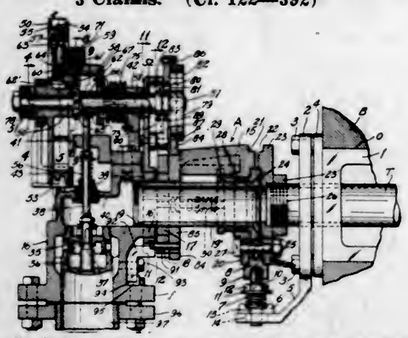
1. A thermocouple and lead connection therefor comprising an inner metallic thermocouple member, an internally disposed lead conductor connected to said inner thermocouple member

to form an internal thermal junction, single wall metallic tubular means enclosing said inner thermocouple member and said internal thermal junction and comprising an outer metallic tubular thermocouple member joined to said inner thermocouple member to form a second thermal junction adapted to be heated and an outer tubular lead conductor connected to said outer tubular thermocouple member to form a third thermal junction, said outer tubular thermocouple member having its outer surface externally exposed throughout substantially its entire length and with said outer tubular lead conductor con-



stituting a single wall enclosure about said inner thermocouple member and said internal thermal junction of a character throughout the extent of said inner thermocouple member and said internal thermal junction thermally to insulate said internal thermal junction and maintain the heat transmitted to said internal thermal junction when said second thermal junction is heated so that the difference in temperature between said internal thermal junction and said second thermal junction is more quickly reduced when the heating of said second thermal junction is discontinued.

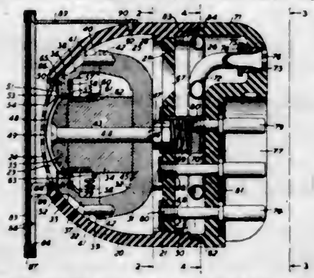
2,126,565
BOILER CLEANER
Frederick W. Linaker, St. Louis, Mo.
Application February 27, 1935, Serial No. 8,418
3 Claims. (Cl. 122—392)



3. A boiler cleaner comprising a rotatable blower tube, an operating head connected with said tube, a valve casing in communication with said blower tube, a valve in said casing, and operating mechanism carried by said valve casing; an operating sheave interconnected with both the valve and the blower tube, means associated with the operating mechanism for opening and closing the valve with a rotation of the sheave in one direction, the construction and arrangement of the parts being such that a rotation of the sheave in the reverse direction operates to rotate the blower tube between the opening and the closing of the valve.

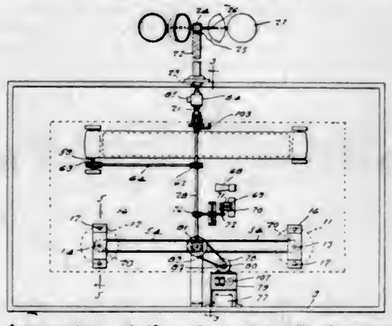
2,126,566
ACOUSTIC DEVICE
Robert N. Marshall, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 29, 1934, Serial No. 759,679
17 Claims. (Cl. 179—115.5)

1. An acoustic device comprising a case having an open end, a sound wave translating unit in said case and including a diaphragm and a magnet, said diaphragm closing said open end, means in said case between said magnet and the other end of said case dividing it into two chambers and bearing against said magnet to hold it in position so that the diaphragm closes said case open end,



said means containing a restricted, small area passage connecting said chambers, and means constituting a restricted sound wave passage for enhancing the low frequency response of the device, connecting one of said chambers with the atmosphere outside of the case.

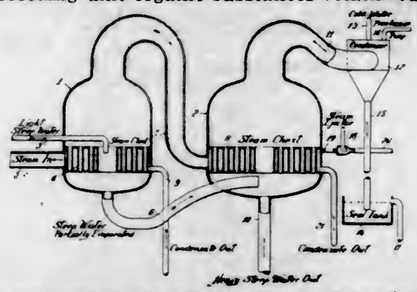
2,126,567
ADVERTISING DISPLAY APPARATUS
Claud E. McCallum, Miami, Fla., assignor of one-half to Frederick Otto Weissenburg and one-half to Frank William Pickard, both of Miami, Fla.
Application February 8, 1938, Serial No. 189,382
6 Claims. (Cl. 40—37)



1. Apparatus of the class described comprising a casing having depicted on one face thereof an automobile including wheels, said wheels comprising rotatable disks, and a drive for said disks including a wind wheel on top of said casing, a normally ineffective motor in said casing, and operating connections between said disks and said wind wheel and motor, respectively, including a governor operative when the wind wheel is idle to render the motor effective.

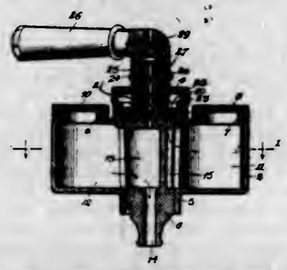
2,126,568
EVAPORATION OF STEEP WATER
Rush O. McCoy, Berwyn, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Application July 6, 1936, Serial No. 89,167
3 Claims. (Cl. 127—68)

2. Improved process of treating steep water derived from the steeping of corn which comprises: evaporating the steep water in multiple effect evaporating apparatus; introducing the vapor from one unit of the apparatus into the steam chest of the next unit; discharging condensed steam from said apparatus and discharging to the atmosphere from the steam chest of a succeeding unit organic substances volatilized by



the evaporating operation before condensation of such substances takes place so as to prevent stream pollution through discharge of the condensate.

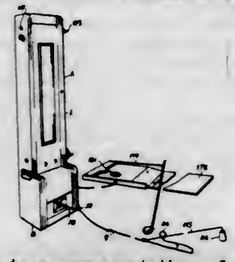
2,126,569
MEASURING DISPENSER
Alexander Mintz, New York, N. Y.
Application August 30, 1937, Serial No. 161,554
1 Claim. (Cl. 221—116)



A measuring liquid dispenser comprising a one-piece casing having three closely adjacent, axially parallel compartments, the intervening walls of which have openings centering in the same horizontal plane to provide common communication, a fluid inlet directed into the central compartment, a valve rotatably mounted in the central compartment formed with oppositely facing notches of heights substantially equal to the height of said compartments and having an outlet passageway at the bottom merging into one of said notches, and a hand actuated member connected to said valve for rocking the same so that at one time the notch in communication with said outlet passageway will be in communication with one of said compartments and when in a second position will be in communication with the other compartment.

2,126,570
APPARATUS FOR PLAYING A BALL GAME
Frank Allen Mitchell, London, and Louis John Simon, Barking, Essex, England, assignors to Electric & Musical Industries Limited, Middlesex, England, a company of Great Britain
Application July 22, 1935, Serial No. 32,610
In Great Britain March 19, 1935
15 Claims. (Cl. 273—87)

1. An apparatus for playing a ball game comprising a ball, means to limit the flight of the ball when struck, a chart bearing a representation of a golf course and including hazards, an indicator movable with regard to said chart to indicate progress of the game over the course, means to move said indicator in accordance with the force, and vertical loft imparted to the ball, means on the chart adapted to co-operate with the moving indicator to make a contact in an electric circuit when the indicator reaches a given position



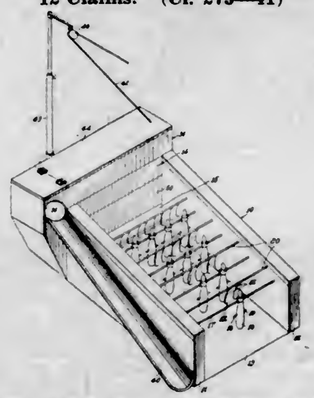
with respect to a representation of a hazard on the chart and means controlled by said circuit to prevent further progressive movement of the indicator until sufficient loft is imparted to the ball to extricate it from the hazard.

2,126,571
SAFETY CATCH
Eugene Morehouse, Providence, R. I., assignor to B. A. Ballou & Co., Inc., a corporation of Rhode Island
Application December 27, 1935, Serial No. 56,305
5 Claims. (Cl. 24—157)



1. A safety catch comprising a body member, a keeper member rotatably mounted in said body member and having a handle projecting outwardly beyond the margin of the body member, a resilient arm connected to the body member and extending outwardly therefrom and thence along the body member and in close adjacency thereto and having at the end of said arm a portion in the path of movement of a portion of said handle, said handle being sprung past the arm by the resilient movement of the arm in a direction substantially parallel to the axis of rotation.

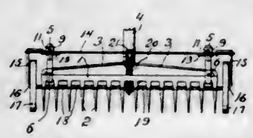
2,126,572
GAME APPARATUS
Myron C. Morrill, South Plainfield, N. J.
Application April 18, 1938, Serial No. 202,744
12 Claims. (Cl. 273—41)



1. Game apparatus, comprising a box-like structure open at the front with bottom inclined

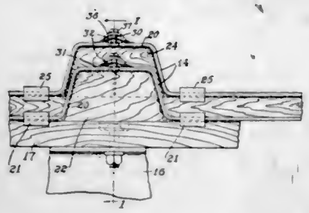
upwardly therefrom to the rear of the box and terminating in a transverse opening for spent balls rolled over the said bottom, a plurality of rows of horizontally disposed rods supported between the sides of the structure, pins swingably mounted thereon having laterally projecting engaging means, bars located behind the respective rods parallel thereto and supported in the sides of the structure, together with means to rock the same, and resilient hook means mounted on the respective bars in alignment with the engaging means of corresponding pins to permit said means to engage the hooks and be retained thereby in elevated position when a pin is struck by a ball.

2,126,573
RAKING APPARATUS
William F. Potts, Kansas City, Mo.
Application November 27, 1936, Serial No. 112,920
11 Claims. (Cl. 55—146)



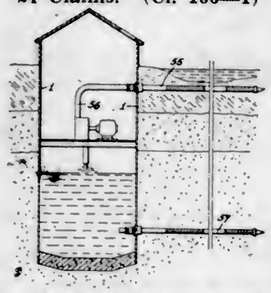
3. In a raking apparatus, the combination with a rake having a handle and a head having teeth, of carrying means adapted for travel on the ground, a transverse stripping member carried by said carrying means and having stripping portions respectively between said teeth relatively to which portions said head is vertically movable, said member having a radial arm, supporting means carried by said arm, and a post extending upwardly from said head and having means pivotally engaging said supporting means, whereby said head may be upwardly swung when rearward pressure is applied to said handle, and said carrying means meets sufficient resistance to rearward movement.

2,126,574
STRUCTURAL GLASS
Frank W. Preston, Butler, Pa.
Application November 23, 1935, Serial No. 51,261
4 Claims. (Cl. 108—16)



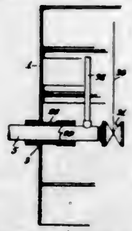
1. The combination with structural framework for buildings, of vitreous panels which are of generally channel form, means for connecting the panels to the framework, means for connecting and sealing the longitudinal edges of adjacent panels, the channels being outwardly exposed and edge portions thereof extending laterally in directions generally parallel to the plane of the panels, and filler blocks interposed between the said edge portions and the adjacent framework, at points adjacent to the ends of the panels.

2,126,575
METHOD OF AND APPARATUS FOR RECOVERING WATER FROM AND SUPPLYING WATER TO SUBTERRANEAN FORMATIONS
Leo Ranney, Massillon, Ohio
Application June 7, 1935, Serial No. 25,482
In Great Britain July 23, 1934
24 Claims. (Cl. 166—1)



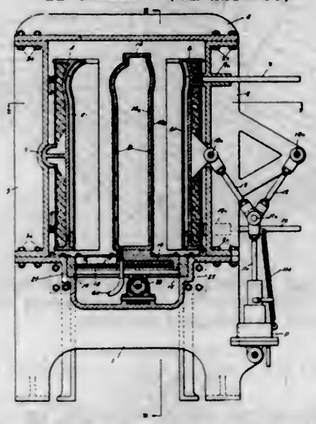
1. A water handling structure comprising a substantially vertically disposed wall of a lined excavation into the earth having a plurality of closable openings through the lining thereof, the interior of said wall being subject to substantially atmospheric pressure and the exterior of said wall being subject to the hydrostatic pressure of the water in the ground, means for inserting tubes through said openings without disturbing said pressures, comprising perforated tubes extending through said openings and into adjacent earth formations, a perforated conical head on the forward end of each tube through which water is adapted to pass, means for preventing the flow of water between said opening and said tube, a permeable earth-supporting medium more permeable than the undisturbed earth, about each tube, means for individually controlling the flow from each tube at the accessible end thereof, and means for operating said control.

2,126,576
APPARATUS FOR AND METHOD OF BORING INTO AND TREATING EARTH MATERIAL
Leo Ranney, Morro Bay, Calif.
Original application June 7, 1935, Serial No. 25,482. Divided and this application December 21, 1936, Serial No. 117,099. In Great Britain July 23, 1934
32 Claims. (Cl. 255—1)



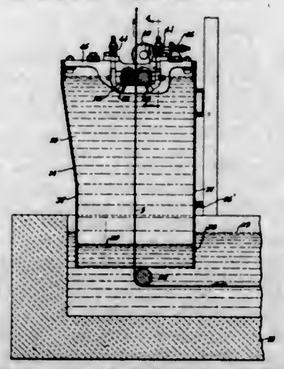
1. An apparatus for boring substantially horizontally into earth material from a zone of normal atmospheric pressure, comprising a casing, a hydraulic seal therein, a non-rotating outer perforated tube extending through said seal and having at the advanced end thereof a perforated boring head fixed on said tube and closed against the interior of the tube, and an inner pipe spaced from the outer tube to provide a free passage thereabout communicating through said closure with the apertures in the boring head.

2,126,577
GARMENT PRESSING MACHINE
George H. Rawlinson, Portland, Oreg.
Application November 30, 1935, Serial No. 52,366
Renewed February 15, 1937
11 Claims. (Cl. 223—57)



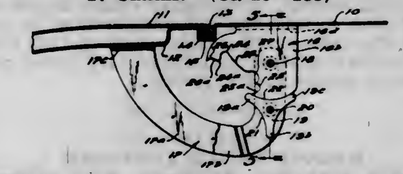
1. In a pressing machine, a pair of upright pressing jaws, means for opening and closing one jaw with respect to a body form buck between said pressing jaws, a buck carriage that is made reciprocable in a plane normal to the movement of the jaws, a buck mounting thereon that is reciprocable in a direction normal to the direction of movement of the buck carriage and a pair of body form bucks mounted in spaced relationship on the carriage for alternate registry positioning between the jaws.

2,126,578
METHOD OF TERNE COATING
Henry A. Roemer, Youngstown, Ohio, and Robert F. Renkin, Sharon, Pa., assignors of one-third to John M. Hughes, Youngstown, Ohio
Application July 29, 1935, Serial No. 33,630
1 Claim. (Cl. 91—70.2)



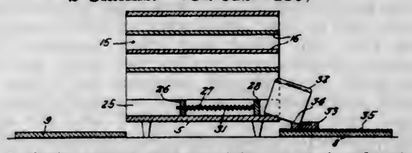
In a method of making terne coated strip steel products having smooth uniformly finished surfaces, the steps consisting of passing a strip through a molten terning bath, then passing the strip through a heated oil bath, and completing the terning operation by roll buffing the strip surfaces coated in the molten terning bath before the coating solidifies by subjecting both sides of the strip simultaneously to a final rigid metal roll buffing pressure rolling in a direction opposing forward motion of the strip immediately after the strip emerges from the molten terning bath and while the strip is in the heated oil bath.

2,126,579
HINGE CONSTRUCTION
John H. Roethel, Detroit, Mich., assignor to Marvel Equipment Corporation, Detroit, Mich., a corporation of Michigan
Application September 8, 1936, Serial No. 99,771
17 Claims. (Cl. 16—138)



17. A hinge for a swinging closure carried by a body, comprising a fixed hinge member on the body and a movable hinge member on the closure pivoted to said fixed member, a rotatable locking device mounted on one of said hinge members in spaced relation to the pivot of said members, and means on the other hinge member cooperable with said device to partially rotate said device step by step into four positions when the closure is swung in one direction to a predetermined open position, then in a reverse direction to a locked position, and then successively in said first and second named directions again.

2,126,580
DESK COMPACT
Sebastien Roy, Jr., Arabi, La.
Application December 3, 1937, Serial No. 177,987
2 Claims. (Cl. 312—186)

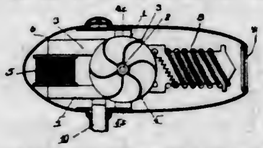


2. A desk compact comprising a casing having an open front, a closure member hinged on said casing for opening and closing the front thereof and adapted to assume a horizontal position when opened, a stop plate secured on said member and having a notch providing an inclined face and a straight face, spaced guides in said casing to loosely receive therebetween an inkwell, a cross head mounted for a limited sliding movement on the guides to contact the inkwell, and spring means acting on the cross head to urge the latter in a direction to slide the inkwell onto the stop plate and in engagement with the straight and inclined faces thereof on the closure member moving into an open position.

2,126,581
DRIER
Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.
Application July 22, 1935, Serial No. 32,493
4 Claims. (Cl. 34—26)

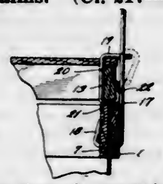
1. In a drier the combination of an elongated tubular casing closed at one end and having an outlet at the other end, an electric motor comprising a substantially U shaped magnet arranged in the closed end of said casing, an armature mounted to rotate between the ends of said

field magnet transversely of the casing, an armature shaft extending from each end of said armature, a fan mounted on each end of said armature shaft so as to be located on each side of



said field magnet, said tubular casing having an inlet in the side thereof substantially in line with the axis of rotation of each of said fans, and a heating unit in front of said motor and mounted axially in said casing.

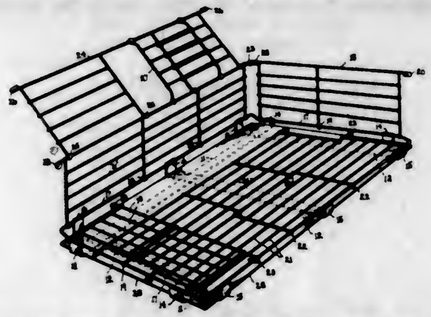
2,126,582
BASKET COVER FASTENER
Albert H. Schmidtke, St. Joseph, Mich., assignor to St. Joseph Iron Works, St. Joseph, Mich., a corporation of Michigan
Application January 2, 1934, Serial No. 704,951
5 Claims. (Cl. 217—124)



1. The combination of a container, a cover comprising thin material secured to the upper edge of a marginal strip, and fastener members on the container and cover respectively for fastening the cover onto the container, the fastener member on the cover having inner, outer, upper and lower portions, said inner and outer portions being connected at their lower ends by said lower portion and said inner and lower portions being clamped respectively against the inner face and the lower edge of said marginal strip and said upper portion being extended outwardly from the upper end of said inner portion over the upper edge of said marginal strip and provided with a loop like portion beyond the outer face of said marginal strip and the fastener member on the container having a tongue extending upwardly along the outer face of said marginal strip and through the aforesaid loop like portion of the fastener member on the cover, thence laterally over and down the side of said loop like portion in interlocking engagement therewith.

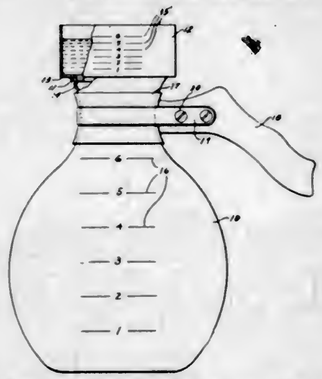
2,126,583
COLLAPSING SHIPPING CRATE
Joseph W. Shaff, Woodbine, Iowa
Application November 27, 1936, Serial No. 112,914
1 Claim. (Cl. 220—6)

In a collapsible shipping crate, an elongated, rectangular base provided at each edge with upwardly projecting spacing-ears, a rectangular rail above the base carried by the spacing-ears, a pair of side wings swingably mounted on said rail each wing having a terminal strand projecting beyond its ends provided with loops, a pair of end wings swingably mounted on said rail each having a terminal strand projecting beyond its end provided with hooks for detachable mountings in the loops of the side wings, and a pair of top wings swingably mounted on the side wings each having a terminal strand projecting beyond its ends provided with hooks for detachable mountings on the end wings, the spacing-ears on said rail at one edge of the base being of greater height than the height of the spacing-ears at the



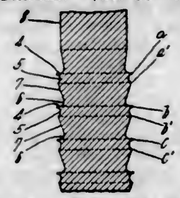
opposed edge thereof to permit said wings to lie approximately parallel in overlapped relation when moved to collapsed position.

2,126,584
COFFEEPOT
James W. Small, Chicago, Ill.
Application January 16, 1937, Serial No. 120,926
1 Claim. (Cl. 53—3)



A coffee pot comprising a receptacle having a large central portion forming a body, a large flat base and a neck at the upper part of the body terminating in a coplanar rim, said receptacle being imperforate save for the opening formed by the neck, and a condenser member adapted to be filled with a condensing fluid comprising a receptacle having an imperforate flat bottom adapted to rest in sealing relation upon the rim of said neck, the bottom of said condenser member being provided with an annular downwardly extending portion spaced inwardly from the periphery of the condenser member to be received loosely within the neck when the condenser member is placed on the rim, said annular portion forming with the bottom of the condenser member a vapor condensing chamber, and said neck being flared outwardly from the line of intersection of the plane of the lower face of said annular portion with said neck when the condenser is resting on the rim to lie outwardly of the arc traced by the outer edge of said annular portion when the condenser member is tilted, while resting on the rim, by the pressure within the receptacle, so as to prevent binding of the condenser member during such tilting.

2,126,585
SELF-LOCKING NAIL
Herman James Stone, Brockton, Mass.
Application December 7, 1936, Serial No. 114,573
7 Claims. (Cl. 85—21)



7. A self-locking nail having barbs or flanges surrounding its shank and arranged in pairs, of which the barb more remote from the point of the nail, in each pair, is larger in diameter than the other barb of the same pair and is substantially equal in diameter to the corresponding barbs of other pairs.

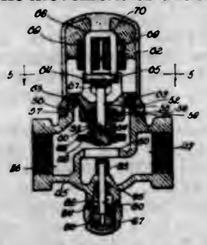
2,126,586
VENETIAN BLIND CORD AND CHAIN CONNECTER
Walter J. Stuber, Philadelphia, Pa., assignor to Carey-McFall Co., Philadelphia, Pa., a corporation of Pennsylvania
Original application December 3, 1935, Serial No. 52,725. Divided and this application June 13, 1936, Serial No. 85,168
5 Claims. (Cl. 24—116)



1. A one piece connecter comprising a clamping sleeve arranged to embrace and rigidly grip a rope adjacent one end thereof said sleeve having a single longitudinal split extending from end to end of the sleeve, a chain receiving head on and formed integral with one end of the sleeve, and a projection integral with said sleeve and arranged to project into the rope transversely thereof to prevent relative axial movement between the rope and the sleeve.

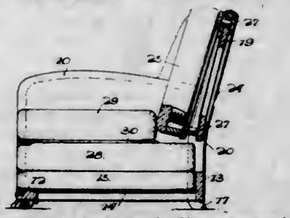
2,126,587
THERMOELECTRIC SAFETY VALVE
John H. Thornbery and Harold A. Mantz, Milwaukee, Wis., assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis., a corporation of Wisconsin
Original application September 10, 1934, Serial No. 743,382. Divided and this application December 4, 1936, Serial No. 114,188
1 Claim. (Cl. 175—336)

In combination, a control device comprising a first housing having an opening therein, a cup-shaped housing secured to said first housing over said opening, a magnet member secured inside said cup-shaped housing and having pole means, electromagnetic coil means wound about the pole means of said magnet member, a reciprocatory plunger disposed substantially concentrically of said cup-shaped housing and having an armature having relative movement thereon for accommodating itself to the pole means of the magnet member, said armature being adapted to be held in attracted position by said magnet member, control means in said first housing and cooperating with said plunger, means closing the open end of said cup-shaped housing and guiding the plunger in the movement of the armature toward



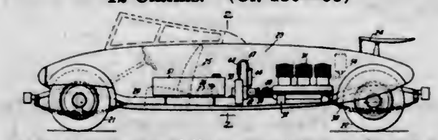
and away from the pole means of said magnet member, spring means substantially coaxial with said plunger and disposed within said first housing and normally urging said armature to retracted position away from said magnet member, and a push button substantially coaxial with respect to said plunger and adapted to be pushed manually to overcome said spring means and to return said armature to the position in which it is held by said magnet member.

2,126,588
DAVENPORT BED
Martin Thum, Rochester, N. Y.
Application January 22, 1937, Serial No. 121,867
10 Claims. (Cl. 5—45)



1. A davenport bed including a main frame having a seat portion and a back portion in permanently rigid relation, and back cushions for said back portion including rigidly connected frames and legs for supporting the same as stools when removed from the back portion of the frame and, when so supported, adapted to form a forward continuation of the seat portion and to cooperate therewith in the formation of a bed, said back portion having means engageable by the frame legs to bodily detachably support the back cushions.

2,126,589
AUTOMOBILE
Edward T. Turner, Dayton, Ohio
Application May 13, 1936, Serial No. 79,542
12 Claims. (Cl. 180—66)



1. In an automobile comprising a frame and driving wheels having supporting connection with

one end of said frame and mounted for independent rotation, rotary fluid operated motors carried by said frame, means for separately connecting said motors with the respective driving wheels, rotary pumps having their outlets and inlets directly connected respectively with the inlets and outlets of the respective motors for delivering propellant fluid thereto at high velocity, and power operated means for actuating said pumps.

2,126,590

LUBRICATING OIL

Jerome Valentine, Cleveland Heights, Ohio, assignor to The Lubri-Zol Development Corporation, Cleveland, Ohio, a corporation of Delaware

No Drawing. Continuation of application Serial No. 711,912, February 19, 1934. This application February 24, 1938, Serial No. 192,432
7 Claims. (Cl. 87—9)

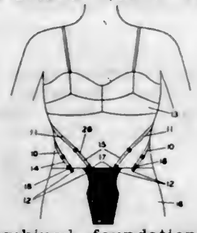
1. A lubricating composition comprising a mineral lubricating oil and a minor amount, based on the amount of such mineral oil, of halogenated petroleum wax.

2,126,591

ATTACHMENT BETWEEN BRASSIÈRE AND GIRDLE

Mildred Voss, Houston, Tex.

Application January 8, 1936, Serial No. 58,211
5 Claims. (Cl. 2—30)



1. In a combined foundation garment for women's wear, a brassière and a girdle in combination with a pair of detachable complementary right and left devices for connecting the brassière and girdle, for holding both garments up in front and down in the back, each device comprising a pair of legs of different lengths joined together at one end and free of each other at their remaining ends, the joined ends of each device being provided with means for attaching said device to a brassière at the rear thereof, the longer leg of each device being adapted to extend from the brassière attachment around the corresponding side of the body and having at its free end means for attaching said longer leg to the top of the front of a girdle at a point near the center thereof, the shorter legs being adapted to extend from the brassière attachment around the same respective sides of the body but provided with means for attaching said shorter legs to the top of the front of the girdle at points nearer the respective sides than those of said longer legs, whereby the front of the girdle may have four points of support spaced along a substantially horizontal line.

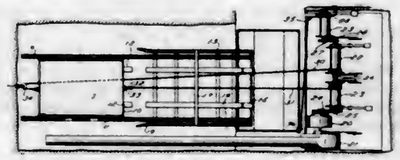
2,126,592

DUMPING BUGGY

James D. Walker, Butler, Pa.

Application September 14, 1936, Serial No. 100,719
1 Claim. (Cl. 214—64)

In a mining apparatus, a portable frame adapted to be secured in a fixed position within a mine room entrance adjacent a loading passage and having spaced longitudinally extending members fashioned with angularly disposed end sections extending upwardly and inwardly towards the center of said frame and constituting chocks located at the ends of said members positioned adjacent said passage, track members secured within said frame in parallelism with said first mentioned members and extending into a mine room, a buggy normally mounted on said track members and wheelable over the latter into and out of said frame, said buggy fashioned with a closed end and a discharge end having chock engaging projections extending therefrom, spaced arms embracing said buggy and having ends pivoted to said



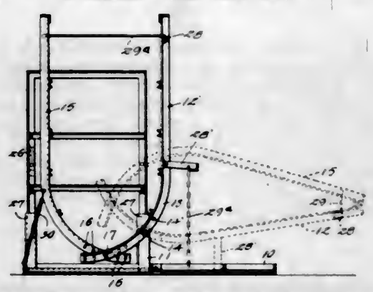
buggy adjacent the closed end thereof, a gate secured to said arms at the opposite ends for closing the discharge end of said buggy when the latter is in wheelable engagement with said track members, and power means connected to said gate and passing through said frame for wheeling said buggy into said frame in a manner whereby continued movement of said buggy by said power means toward said chocks effects engagement of said projections with said chocks and pivots said buggy upwardly out of engagement with said track members and pivots said arms relative to said buggy to simultaneously move said gate to open position to allow the contents of said buggy to discharge through said discharge end of said buggy above said loading passage.

2,126,593

ANIMAL HOLDING CHUTE

William J. Walsh, Creston, Iowa

Application April 1, 1937, Serial No. 134,446
1 Claim. (Cl. 119—98)



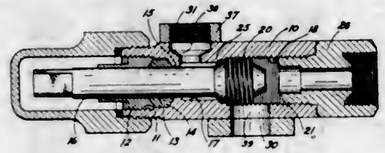
An apparatus of the class described, having a base, studs on said base, a confining wall having an arcuate portion, means pivoting said arcuate portion to said studs, a confining wall pivoted to the arcuate portion of the first mentioned confining wall, means operable to draw the confining walls together at their free ends, spring means connected to one of the walls and the base urging the confining walls to normal position, means connected to the base and one of the confining walls limiting movement of the confining walls to normal position, guides on said base, a displaceable entrance gate adjacent one end of said wall mounted by the guides, and an exit wall pivoted to one of the confining walls.

2,126,594

METHOD OF MAKING REFRIGERATOR VALVES

Albert J. Weatherhead, Jr., Cleveland, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio

Application March 23, 1935, Serial No. 12,734
3 Claims. (Cl. 29—157.1)



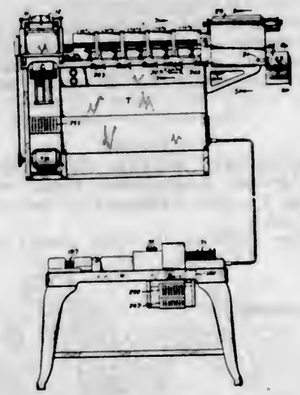
1. That method of making a longitudinally extending valve fitting having a transversely arranged supporting flange which comprises cutting a valve blank from a length of ferrous bar stock to provide a main valve body, cutting a longitudinal bore axially of the valve blank to provide an axially extending bore having portions of different diameters, shaping a valve supporting flange to provide a re-entrant middle portion conforming to and proportioned to embrace the outer wall of said valve blank, arranging said valve blank and supporting flange transversely of each other in said embraced relationship within a furnace maintaining a reducing atmosphere and copper brazing said parts in said embraced relationship and forming aligned apertures through the middle portion of said supporting flange and through the body of the valve blank to intersect said first named longitudinal bore.

2,126,595

RECORD CONTROLLED TABULATOR TYPE

Hermann Weinlich and Ulrich Kölm, Berlin, Germany, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application April 19, 1932, Serial No. 606,092
10 Claims. (Cl. 235—61.7)



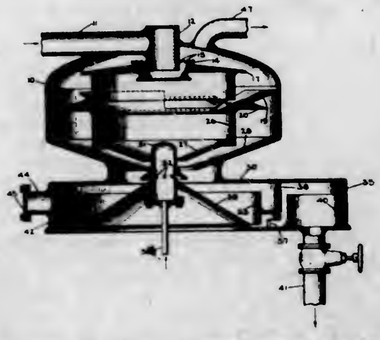
1. In a machine of the class described, a plurality of entry receiving devices, means for feeding a group of record cards, means for entering data from only the first card of said group into one of said entry receiving devices, means for entering data from each of said group of cards into another of said entry receiving devices, a punching mechanism and means for controlling said punching mechanism in accordance with the entry in said first named entry receiving device while the other entry receiving devices are receiving entries from the cards subsequent to the first card.

2,126,596

LIQUID PURIFICATION APPARATUS

Orla L. Wood, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application December 2, 1936, Serial No. 113,875
2 Claims. (Cl. 266—1)



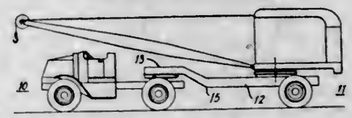
1. Apparatus for separating dirt particles from mercury condensate including the combination of an enclosing casing, an inlet adjacent to the top of the casing for admitting hot condensate thereto, means providing a liquid seal for said inlet to permit the maintenance of at least a partial vacuum in the casing, an outlet adjacent to the top of the casing for removing from the casing mercury vapor and solid particles suspended in such vapor, means providing extended flow surfaces for liquid mercury within the casing, and means at the bottom of the casing for segregating solid impurities separated from the liquid mercury during its passage over such surfaces.

2,126,597

SEMITRAILER CRANE

Roy H. Zellman, Lorain, Ohio, assignor to The Thew Shovel Company, Lorain, Ohio, a corporation of Ohio

Application April 29, 1937, Serial No. 139,720
4 Claims. (Cl. 212—46)



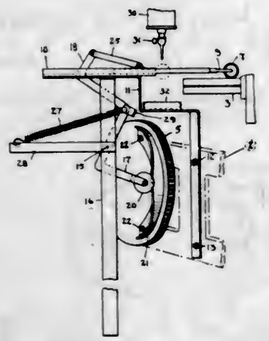
1. A portable crane unit comprising a tractor and a semi-trailer having a rotatable crane mounted thereon, the semi-trailer frame being generally triangular in form and supported at the rear thereof by transversely spaced wheels rigidly secured to the frame, the forward portion of the semi-trailer frame being supported by the tractor, the frame being connected to the tractor by a bearing wheel disposed substantially above the rear axle of the tractor, said bearing wheel being rotatable about a vertical axis and a longitudinally extending horizontal axis, and a king pin projected through the forward portion of the frame and detachably engaging the bearing wheel.

2,126,598

MECHANISM FOR SOLDERING MACHINERY

George M. Ambrosius, Lakewood, Ohio, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio, a corporation of Ohio

Application June 15, 1935, Serial No. 26,882
4 Claims. (Cl. 113—95)



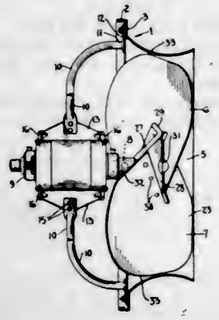
1. In soldering machinery, means including drive gears for moving a formed sheet metal article into position to be seam-soldered, a cam on one of said drive gears, means for removably securing said cam to said gear, a lever operated by said cam, an arm reciprocated by said lever, an absorbent flux applicator wheel connected to said arm and reciprocated into active and inactive positions relative to the seam to be soldered, a solution reservoir over the inactive portion of the path of said absorbent wheel, and a drip pan in line thereunder.

2,126,599

FAN

Edward L. Anderson, Grosse Isle, Mich., assignor to American Blower Corporation, Detroit, Mich., a corporation of Delaware

Application April 13, 1936, Serial No. 74,119
17 Claims. (Cl. 170—159)



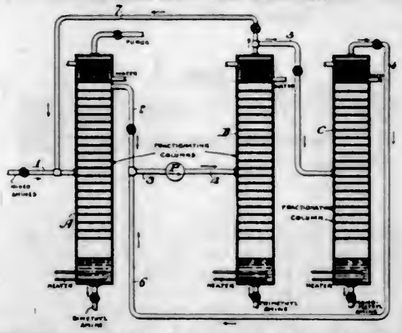
1. A fan comprising a pair of blades positioned in intersecting planes, each of said blades having a hub portion forming a portion of its trailing edge portion, said hub portions conveying to a line separating the leading and trailing portions of said blades and having intersecting overlapping relation with each other, and a supporting member having converging supporting faces secured to said blades, said faces and said hub portions having converging-diverging relation and meeting substantially in said line.

2,126,600

SEPARATION OF METHYLAMINES

Chester E. Andrews, Overbrook, and Le Roy U. Spence, Cheltenham, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa.

Application April 18, 1936, Serial No. 75,122
14 Claims. (Cl. 202—42)



10. The process of separating a mixture consisting essentially of monomethylamine and trimethylamine which comprises fractionating the mixture at one pressure and then fractionating the distillate obtained at a different presure, the difference in the fractionating pressures being sufficient to change the composition of the constant boiling monomethylamine-trimethylamine mixture.

2,126,601

CUSHION SOLE

William Henry Bain, Lewiston, Maine

Application September 18, 1936, Serial No. 101,476
12 Claims. (Cl. 12—142)



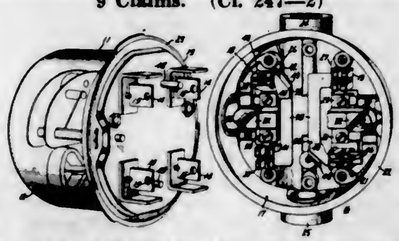
1. A sole unit comprising an outersole, a sole piece attached to the forepart thereof and having a thick margin defining a cavity covered by a thin web portion presenting a continuous smooth surface, and a cushion member confined in the cavity and bulging the web portion throughout an area coextensive with the contour of the cavity to form a well-defined shoulder.

2,126,602

ELECTRIC METER MOUNTING

Hans A. Bakke, Swampscott, Mass., assignor to General Electric Company, a corporation of New York

Application October 25, 1935, Serial No. 46,726
9 Claims. (Cl. 247—2)



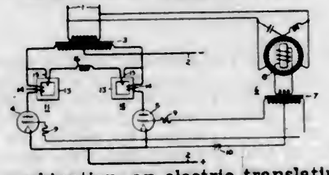
3. A detachable electrical instrument comprising in combination, an instrument mechanism having a plurality of terminal contacts and a receptacle for receiving said instrument comprising in combination, a base, a plurality of terminal contacts mounted thereon adapted to cooperate with the contacts on said instrument mechanism when said instrument and receptacle are brought together in a predetermined normal angular relation, and a plurality of insulated clips mounted on said base adapted to hold contacts of said instrument mechanism when said instrument mechanism and receptacle are brought together in an oblique angular relation with respect to normal, said terminal contacts and said clips being so positioned that all of said contacts are out of engagement with corresponding contacts when said instrument mechanism is in the oblique angular relation.

2,126,603

ELECTRIC VALVE CIRCUITS

Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application August 20, 1936, Serial No. 97,010
Renewed January 29, 1938
14 Claims. (Cl. 175—363)



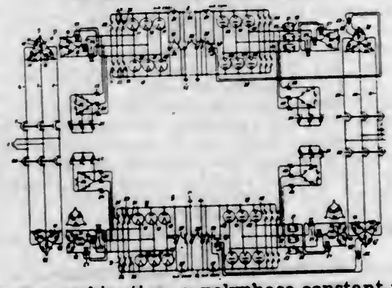
1. In combination, an electric translating system including an electric valve means connected therein and arranged to conduct current during predetermined intervals, and means for controlling the current conducted by said electric valve means at the end of the conducting intervals comprising a saturable reactor having a winding connected in series relation with said electric valve means and a winding for increasing the inductance of said first mentioned winding at the end of the conducting intervals.

2,126,604

ELECTRIC POWER TRANSMISSION

Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application August 20, 1936, Serial No. 97,011
Renewed January 29, 1938
17 Claims. (Cl. 171—97)



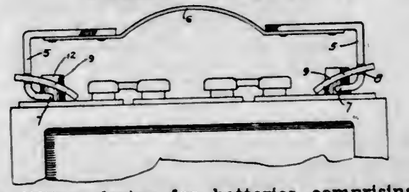
17. In combination, a polyphase constant voltage alternating current circuit, a second polyphase constant voltage alternating current circuit, and two circuits for transmitting energy between said constant voltage alternating current circuits, each of said circuits including means connected to said first mentioned polyphase constant voltage alternating current circuit for transforming constant voltage alternating current to alternating current of constant value, comprising a monocyclic network including a plurality of branches of serially-connected reactances of opposite sign arranged to form a closed circuit and having alternate junctures of reactances of opposite sign connected to phase conductors of said first mentioned constant voltage circuit, a constant current alternating current circuit, transforming means interposed between said monocyclic network and said constant current alternating current circuit and being energized in accordance with the voltage appearing between a common juncture of reactances of opposite sign and the phase conductor of said first mentioned constant voltage circuit of a voltage having a component substantially perpendicular to the branch including the said common juncture, electric valve means connected to said constant current alternating current circuit, a constant current direct current circuit energized from said electric valve means, an electric valve means for inverting constant current direct current to alternating current of constant value, means interposed between said second mentioned constant current alternating current circuit and said second mentioned constant voltage circuit for transforming constant current alternating current to constant voltage alternating current, said transforming means in each of said two circuits being arranged so that the currents of the respective phases of the first mentioned constant current alternating current circuits have a predetermined phase displacement relative to each other.

2,126,605

BATTERY LIFTING DEVICE

Virgil S. Beery, Stockton, Calif.

Application March 30, 1936, Serial No. 71,706
1 Claim. (Cl. 294—92)



A lifting device for batteries comprising a handle member, a pair of gripping members connected thereto, each of said gripping members being of a substantially L-shaped configuration and having a forked extremity with notches formed in the sides adjacent the forked extremity, a curved apertured clamping element engaging and pivotally mounted in said notches, and a pair of oppositely disposed noses formed in said aperture and adapted to limit movement of said curved element on said L-shaped member, thereby maintaining said curved element in said notches, whereby when said gripping members engage a battery terminal and upon upward movement of said handle, said gripping members will exert a clamping action on opposite sides of the terminal.

2,126,606

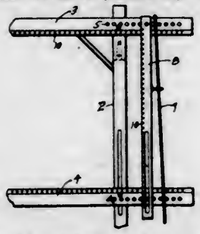
CURTAIN STRETCHER

William Beight, Youngstown, Ohio

Application March 18, 1937, Serial No. 131,572
1 Claim. (Cl. 45—24)

In a curtain stretcher comprising a pair of upright frame members, each having a slot at its

lower end, a horizontal upper rail bolted to said vertical frame members and a lower horizontal rail adjustably positioned on the lower portion of said upright members by means of bolts functioning in said slots, a pair of braces between the upper rail and the upright frame members, in combination with a plurality of pins and a



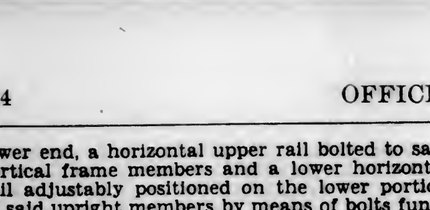
plurality of studs positioned on said rails, metallic hooked bars adapted to be hooked over the upper one of the said rails and held in position by said studs, a secondary slotted rail provided with a plurality of pins and adapted to be positioned over two of said studs and held in that position through the clamping action of one of said hooked metallic rods.

2,126,607

METAL UNDERBODY CONSTRUCTION

Ludwig G. Boehner, Rehbrucke, near Potsdam, Germany, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application June 13, 1936, Serial No. 85,023
In Germany November 9, 1935
13 Claims. (Cl. 280—106)



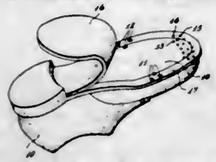
1. A unitary vehicle frame combining the chassis and the underframe of the body, said unitary frame consisting of a middle part the width of the vehicle body, a narrowed front part, and an arched rear part, said middle part comprising upper and lower sheets, a U-shaped profile or channel formed at the edge of each sheet, said sheets being welded together, said channels mating with each other to form a box-shaped girder at the edge of the frame, said upper sheet consisting of two wing parts having a space therebetween, upwardly flanged inner edges on said wings, and a tunnel welded to said flanges to form a box-shaped girder.

2,126,608

SHOE FITTING INDICATOR

David R. Brady, Detroit, Mich.

Application May 29, 1936, Serial No. 82,603
3 Claims. (Cl. 36—1)



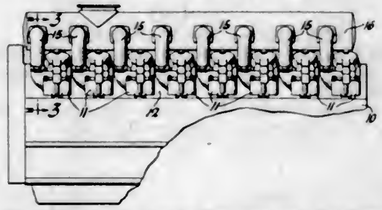
2. The combination of a shoe and X-ray absorbing means secured to said shoe, one of said means being positioned immediately beneath that region of said shoe where the fleshy part of the contained foot laterally of the ball thereof must reside for proper fit, another of said means being positioned immediately beneath that region of said shoe where the fleshy part laterally of the center of the fifth metatarsal must reside for proper fit.

2,126,609

EXHAUST MANIFOLD SYSTEM FOR INTERNAL COMBUSTION ENGINES

William E. Brill, Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application February 17, 1937, Serial No. 126,115
3 Claims. (Cl. 123—55)



2. In a multiple cylinder engine having two banks of cylinders arranged at an angle to one another, a plurality of cylinder heads each having an exhaust passage which extends longitudinally of the engine and beyond an end of the head; a plurality of elbows connected with said exhaust passages and offset from transverse planes of said heads and leading upwardly therefrom and inwardly toward the longitudinal central plane of the engine; and a centrally arranged exhaust manifold located above said cylinder heads and extending longitudinally of the engine and into which exhaust gases are discharged through said elbows.

2,126,610

PRODUCTION OF HYDROXY-AROMATIC HYDROCARBONS AND HYDROXY-AROMATIC CARBOXYLIC ACIDS

Edgar C. Britton, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application April 29, 1933, Serial No. 668,626
15 Claims. (Cl. 260—520)

13. The method of simultaneously producing aromatic hydroxy-carboxylic acids and phenols from aromatic hydrocarbon halides of the type halogenated in the ring, comprising heating said halide with a carbonate of a metal whose oxide has an alkaline reaction to temperatures between 200° and 325° C. under superatmospheric pressure and in the presence of water, such carbonate yielding during the reaction the carbon dioxide necessary for the formation of said acid, removing the phenol from the product of the reaction and precipitating the hydroxy-carboxylic acid from the residual alkaline liquor by acidulation.

2,126,611

PURIFICATION AND DECOLORIZATION OF ACETIC ACID

Edgar C. Britton, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application March 31, 1937, Serial No. 134,123
7 Claims. (Cl. 260—541)

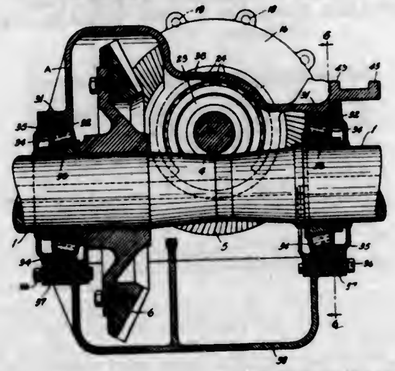
1. The method which comprises treating a crude aliphatic acid from a natural source with a small proportion of a compound selected from the class consisting of basic nitrogen compounds containing at least 2 hydrogen atoms linked with the nitrogen and salts of such basic nitrogen compounds with weak acids and thereafter distilling the aliphatic acid from the mixture.

2,126,612

DRIVING AXLE CONSTRUCTION

Tracy V. Buckwalter and Joel Hektner, Canton, Ohio, assignors to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Original application December 1, 1933, Serial No. 700,464. Divided and this application January 9, 1937, Serial No. 119,759
2 Claims. (Cl. 74—606)



1. In a construction of the kind wherein a housing has a complete circular opening in a wall thereof, a shaft extends through said circular opening and a roller bearing has an outer raceway member seated in and removable endwise from said circular opening, an inner raceway member fixed on said shaft, rollers interposed between said inner and outer raceway members and a cage for holding said rollers on said inner raceway member, said housing comprising two sections having complementary arcuate seats that cooperate to form said circular opening, the arcuate seat in one section forming the greater portion of said circular opening and the gap in said arcuate seat being less than the outside diameter of said outer raceway member but large enough to permit passage of the shaft, inner raceway member, rollers and cage therethrough as a unit when said outer raceway member is withdrawn endwise from said opening and the two sections are separated.

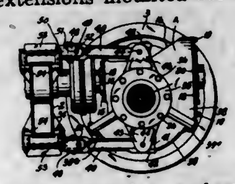
2,126,613

DRIVING AXLE CONSTRUCTION

Tracy V. Buckwalter and Joel Hektner, Canton, Ohio, assignors to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Original application December 1, 1933, Serial No. 700,464. Patent No. 2,089,016. Divided and this application January 9, 1937, Serial No. 119,760
3 Claims. (Cl. 105—117)

1. A driving axle construction comprising an axle, a gear housing, roller bearings supporting said gear housing on said axle, a frame member located adjacent to said axle, a pair of vertically spaced substantially parallel torque rods connecting said gear housing with said frame member above and below said axle, universal joints connecting said rods with said gear housing, torque rod extensions mounted for axial move-



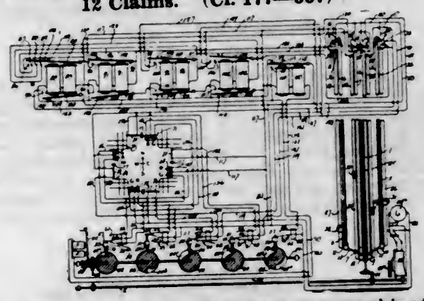
ment on said frame member, and universal joint connections between said torque rods and said axially movable extensions.

2,126,614

AUTOMATIC TRAFFIC SIGNAL SYSTEM

Francis J. Buechel, Jr., Rochester, N. Y., assignor, by mesne assignments, to Automatic Signal Corporation, a corporation of Delaware

Application May 2, 1928, Serial No. 274,499
12 Claims. (Cl. 177—337)



1. In a traffic signal system the combination with a pair of intersecting streets, a right of way indicating means for each of the streets at the intersection, a vehicle actuated switch in each street at each side of the intersection, a cam, switch means operated by the cam for operating the right of way indicating means, a control unit including a plurality of normally open switches, means adapted to close the switches after the passage of a predetermined interval of time including solenoids for tripping said means to prevent closing of the switches, said solenoids being normally inoperative, means electrically connecting the solenoids with the vehicle actuated street switches, including the switch means operated by the cam above mentioned, means for actuating the cam including an electro-magnetically operated clutch, and means connected between said normally open switches and the electro-magnet of the electro-magnetically operated clutch for causing an engagement of the clutch upon closing of a predetermined number of the normally open switches.

2,126,615

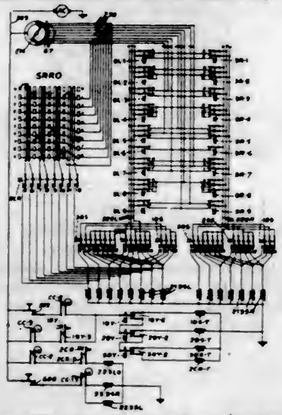
ACCOUNTING MACHINE

Charles Campbell, London, England, assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application March 10, 1936, Serial No. 68,041
In Great Britain March 26, 1935
8 Claims. (Cl. 235—61)

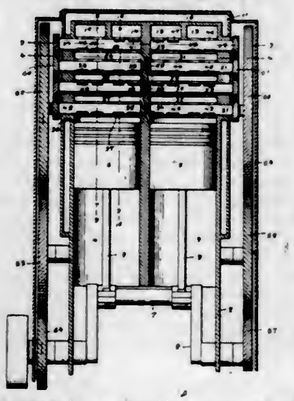
1. In a machine of the class described, a denominational order accumulator wheel positionable to represent a digit, a readout device including a plurality of digit representing contact segments and a brush positionable by said wheel to engage the segment corresponding to the digit set on the wheel, a plurality of relays, one for each segment,

a set of contacts for each relay, an accumulator, entering means therefor, an emitter arranged to emit a series of impulses to control said entering means, there being one impulse for each digit, each of said sets of contacts being arranged to connect said emitter to said entering means in



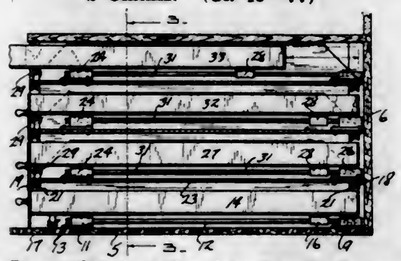
accordance with the decimal equivalent of one twelfth of the value of the corresponding digit and a circuit connection completed through said positionable brush for energizing the relay corresponding to the digit represented on the wheel whereby the related set of contacts will connect the emitter in accordance with said decimal value.

2,126,616
INTERNAL COMBUSTION ENGINE
Ricardo D. Cayabyab, Delano, Calif.
Application July 7, 1936, Serial No. 89,392
2 Claims. (Cl. 123—53)



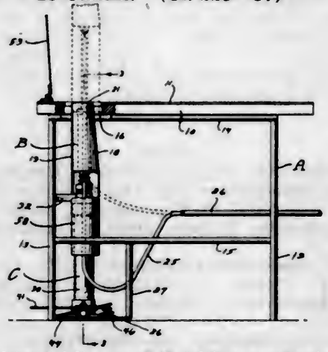
1. An internal combustion engine of the four cycle type comprising a cylinder block having cylinders, a head closing the cylinders, pistons operating in the cylinders, a crank shaft having a crank connected to the pistons whereby said pistons move together, said head having fuel and air intake chambers and exhaust chambers, a fuel carbureter connected to the fuel intake chamber, an exhaust purifying and cooling apparatus connected to said exhaust chambers and to the carbureter, means for controlling and delivering fuel from said fuel intake chamber to one of the cylinders during the suction stroke of the piston thereof, a second means for controlling and delivering air from the air intake chamber to the other cylinder during the suction stroke of the piston thereof, said first and second means operating to close the cylinders to their respective intake chambers during the compression and working strokes of the pistons, a third means for commingling the compressed air and fuel on the pistons reaching their working strokes to bring about ignition of the fuel to drive the pistons, said first, second and third means coacting during the exhaust strokes of the pistons to connect said cylinders to said exhaust chambers, and drive means for operating said first, second and third means from the crank shaft.

2,126,617
CABINET
William I. Chase, Los Angeles, Calif.
Application November 6, 1936, Serial No. 109,586
2 Claims. (Cl. 45—77)



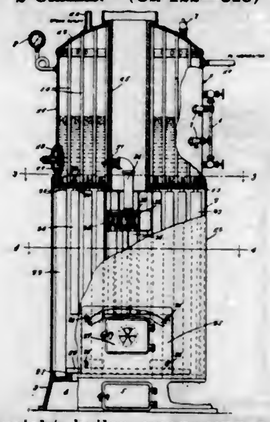
1. In a cabinet of the class described comprising a plurality of transverse supporting rods, a plurality of shelves having clips engaging said rods, bearings arranged upon said shelves, guide rods positioned in said bearings, rollers positioned on the outer edges of said shelves, drawers having sliders thereon engaging said guide rods, and the forward ends of said drawers engaging said rollers, whereby when said drawers are drawn outwardly said sliders engage the inner surface of said bearings to limit the outward movement of said drawers.

2,126,618
SHIRT FOLDING AND FINISHING APPARATUS
John Collins Chevalier, Washington, D. C.
Application December 7, 1936, Serial No. 114,704
16 Claims. (Cl. 223—37)



1. A shirt folding and finishing apparatus comprising a folding board provided with an opening, a collar shaper and ironer vertically movable through the opening, and a vertically swinging folding plate adapted to overlie said opening when the collar shaper and ironer is in a lowered position.

2,126,619
STEAM BOILER
Albert C. Church, Covington, Ky.
Application March 29, 1937, Serial No. 133,692
2 Claims. (Cl. 122—318)



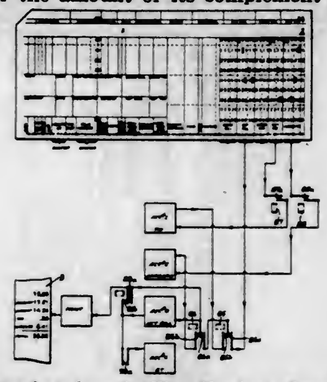
1. An upright boiler comprising a firebox, a base for said firebox, a combined water and steam chamber mounted on said firebox and having a smoke passage therethrough, tubes connected to said combined water and steam chamber and depending downwardly in the firebox and arranged in groups of annular formation with certain of said groups supported by the base and the other groups terminating short of the base, each of said tubes including an outer sleeve and an inner tube terminating short of the lower end of the outer sleeve and extending into the combined water and steam chamber, a booster arranged in the firebox and connected to the combined water and steam chamber and including a head having a chamber with water tubes connected thereto and depending from the head.

2,126,620
VULCANIZATION OF RUBBER
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 19, 1934, Serial No. 721,312
14 Claims. (Cl. 18—53)

1. A method of treating rubber which comprises subjecting it to vulcanization in the presence of a material having the formula $R—NH—X—NH—R_1$, wherein X is an aliphatic hydrocarbon group and R and R_1 are alicyclic groups.

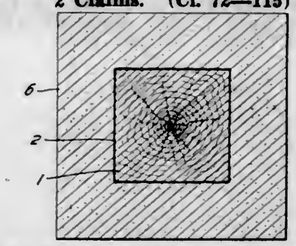
2,126,621
TABULATING MACHINE
George F. Daly, Johnson City, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 30, 1933, Serial No. 704,768
7 Claims. (Cl. 235—61.7)

1. In a tabulating apparatus, a plurality of record card controlled accumulators, record sensing means for sensing record cards arranged in groups, group control mechanism responsive to said sensing means to detect a change in record card groups, means for effecting the transfer of an amount standing on one of said accumulators or the complement of said amount, to another accumulator, means controlled by said group control mechanism for initiating the operation of said transferring means, and means controlled by a part of said sensing means for preselecting whether the amount or its complement is to be



transferred and controlling the transfer effecting means accordingly.

2,126,622
NAIL HOLDING BUILDING COMPOSITION
Clarke F. Davis, Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y., a corporation of Delaware
Application June 1, 1935, Serial No. 24,513
2 Claims. (Cl. 72—115)

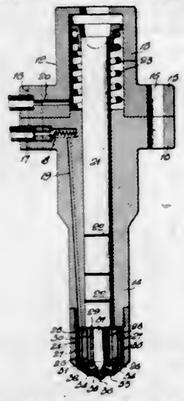


1. As an article of manufacture, a nail holding core having on its superficial surface a sheet metal material impervious to moisture, and a surrounding nail penetrable set cementitious layer.

2,126,623
ENGINE FUEL INJECTOR
John W. Dow, Sioux City, Iowa
Application July 21, 1937, Serial No. 154,904
8 Claims. (Cl. 299—107.4)

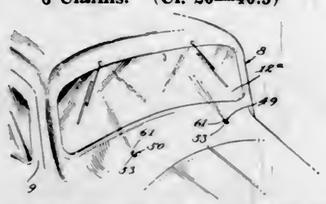
1. An engine fuel injector comprising an elongated cylinder the bore of which is formed with a reduced lower end portion to provide an upwardly facing shoulder, said reduced bore portion having an inverted conical lower end and the cylinder being formed with fuel spray means communicating with said inverted conical lower end of said reduced bore portion, said cylinder being provided with a port from said shoulder to said inverted conical lower end of said reduced bore portion and being also provided with a longitudinal fuel supply port which discharges into the first named port; and a plunger slidable in said bore of said cylinder and having an extension slidable in said reduced bore portion, the lower end of said extension being of inverted conical form to seat in said inverted conical lower end of said reduced bore portion when the plunger is fully lowered, said plunger having a downwardly facing shoulder above said upwardly facing shoulder of said cylinder and cooperable

therewith in forming an expansible and contractible fuel chamber which receives fuel from the upper end of said first named port when the plunger ascends, the fuel being discharged from



said chamber through said first named port, through said inverted conical lower end of said reduced bore portion, and through said fuel spray means when said plunger descends.

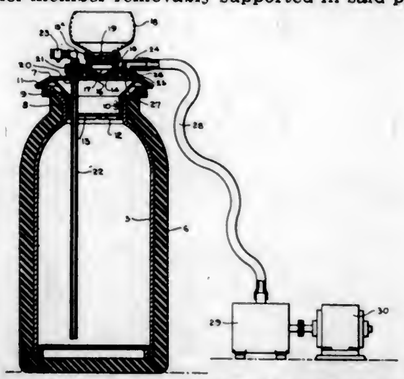
2,126,624
WINDSHIELD CLEANING DEVICE
Ernest J. Eaddy, Spartanburg, S. C.
Application April 5, 1937, Serial No. 135,149
6 Claims. (Cl. 20—40.5)



1. In a cleaning device for the windshield of an automotive vehicle, a nozzle adapted to be anchored with and in extended relation to the cowl of the vehicle forwardly of the windshield to provide for impacting against the latter a cleaning medium, said nozzle including a head having outer and inner faces, said head being formed centrally with a passage closed at its outer end and open at its inner end, said head being formed in the rear portion of its outer face with a rectangular depression spaced from said passage and with a port leading from said passage at a point adjacent the closed end of the latter to the inner end of the depression, said depression being open at its rear, said port inclining upwardly from said passage to said depression, and an annular body integral at one end with the inner face of the head and adapted to be connected with a cleaning medium source, said body having a portion of its inner face corresponding in diameter to that of and forming a flush continuation of said passage.

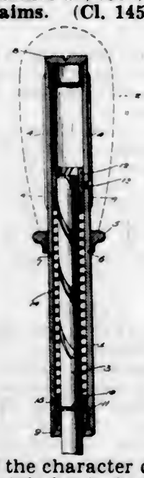
2,126,625
APPARATUS FOR CONDITIONING MILK OR OTHER LIQUIDS
Lewis W. Eggleston, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application October 30, 1934, Serial No. 750,702
13 Claims. (Cl. 31—4)

13. In an apparatus of the character described, a container having an open neck, a cover member having a substantially flat top wall and a downward extending side wall conforming to and substantially fitting within said neck, a hollow upward extending projection on said top wall, said top wall having an inlet aperture therethrough establishing communication between said container and the interior of said projection, a funnel member removably supported in said pro-



jection, filtering means carried by said funnel member and removable therewith, a float valve positioned in said projection and operable to close said inlet aperture, said top wall having an outlet aperture positioned laterally of said inlet aperture, and a check valve closing said outlet aperture against flow therethrough into said container.

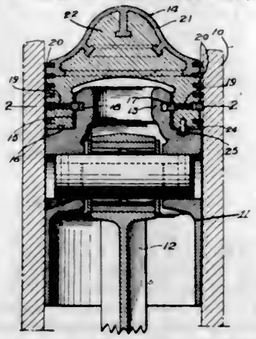
2,126,626
PUSH DRILL
Thomas J. Fegley, Jenkintown, and George O. Leopold, Philadelphia, Pa., assignors to North Bros. M'f'g Co., Philadelphia, Pa., a corporation of Pennsylvania
Application September 27, 1937, Serial No. 166,008
2 Claims. (Cl. 145—53)



1. In a tool of the character described, the combination with a tubular body member, of a nut element secured in said body member intermediate the ends thereof, a threaded stem inserted in and projecting from one end of said body member and being threaded for cooperative engagement with the said nut, a sleeve embracing said stem and detachably secured at the end of said body member, an annular groove in said stem and a resilient split ring seating in said

groove and adapted by engagement with the inner end of said threaded sleeve to retain the stem in assembly with the body member, a sleeve loosely embracing the stem and seating against the inner side of said ring, and a spring confined between the last-named sleeve and said nut and normally retaining the stem in an extended position with respect to the body wherein the said split ring abuts the first-named sleeve.

2,126,627
PISTON CONSTRUCTION
Max George Fiedler, Chester, Pa.
Application April 3, 1937, Serial No. 134,862
4 Claims. (Cl. 309—15)



1. A piston and cylinder construction for combustion engines comprising the combination with a cylinder of a cross head having a sliding fit therein, a connecting rod connected thereto, a piston of smaller diameter than the cross head and a connection between the piston and cross head constructed and arranged to permit relative transaxial displacement and prevent axial displacement of said piston and cross head while maintaining the axes of said piston and cross head in parallel relation.

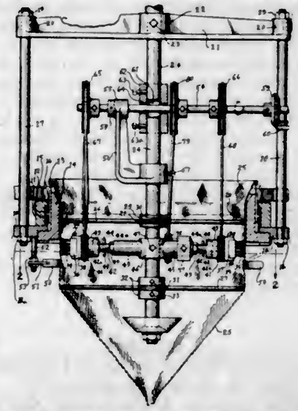
2,126,628
GAME DEVICE
Jean A. Fiondella, East Haven, Conn., assignor to Milton Bradley Company, Springfield, Mass., a corporation of Massachusetts
Application November 26, 1937, Serial No. 176,439
2 Claims. (Cl. 273—96)



1. A game device of the class described comprising in combination an elongated tubular receptacle having downwardly tapering walls and an open end and lower end wall, the said receptacle adapted to receive a ball in its opened end, means extending from the said end wall for manually grasping the said receptacle, a resilient pad on said end wall to receive the impact of a ball, a pad member on one side of the wall of the said receptacle having yielding means for engaging and urging the ball against the opposite side of the wall cooperating therewith to frictionally and releasably hold the same.

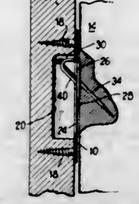
2,126,629
NAPPING MACHINE
Harry Fleisher, Watertown, Conn., assignor to Princeton, Inc., Watertown, Conn., a corporation of Connecticut
Application July 30, 1936, Serial No. 93,331
19 Claims. (Cl. 66—147)

1. In a combined knitting and napping machine, mechanism for knitting a tubular fabric, means for interiorly supporting said fabric at a pair of spaced circumferential lines, and interior



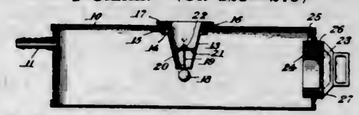
rotating flat-faced napping disc located between said supporting means, and means for causing the flat face of said disc to contact with said fabric.

2,126,630
INTERCONNECTING SUPPORT
Harold Gleitsman, Cedarhurst, N. Y.
Application March 25, 1937, Serial No. 132,910
5 Claims. (Cl. 248—28)



1. In interconnecting means, the combination comprising an element providing an opening, said opening being relatively broad at one end and relatively narrow and slot-like at the other, means adapted for being fixed to a wall and having one portion adapted for lying against the wall and having a second portion extending away from said wall, said second portion having an enlargement spaced from said one portion of such size as to traverse the broader portion of said opening but not the narrower portion thereof, means to prevent the rotation of said opening-providing element when in interconnected relation with said wall-engaging means, said opening-providing means also providing a chamber of sufficient size to accommodate said other portion when said other portion extends through said opening.

2,126,631
DRAIN PAN
Pauline T. Griffin, Greenville, N. C.
Application January 11, 1937, Serial No. 120,100
1 Claim. (Cl. 128—275)



A drain pan comprising a substantially flat completely enclosed pan formed with a bottom

of thicker gauge material than the walls and the top of the pan so as not to be easily overturned, a hose connection secured in one end wall of the pan, a funnel provided with an externally threaded boss, an internally threaded ring integral with the top of the pan, said boss being screw threadedly engaged with said ring, a flange formed on the top of the funnel, a gasket interposed between the top of the pan and the flange to form a liquid-tight connection with the pan, a ring bearing in the funnel having radially disposed arms terminally secured to the inner surface of the funnel, the bottom of the funnel being disposed approximately at the center of the pan and having an opening of small diameter therein, a ball valve in said opening, a stem for the valve slidably fitted in said bearing, and a disc on said stem engageable with said bearing to limit opening movement of the valve.

2,126,632

FARM IMPLEMENT DISK SHARPENER

John H. Harth, Mendota, Ill.

Application May 5, 1936, Serial No. 78,026

1 Claim. (Cl. 51—209)



A sharpener comprising a post of angle iron construction having one flange extending beyond the other flange at each end thereof, one extended end portion of the longer flange being reduced to provide a rest upon which the post is adapted to be rocked, the other extended end portion of the longer flange being reduced to provide a handle, said longer flange, rest and handle being in the same vertical plane, a second handle secured to said longer flange adjacent said first handle and extending at right angles to said longer flange, and a sharpening element journaled to said longer flange intermediate said first handle and said rest.

2,126,633

COPPER-SILVER ALLOYS

Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware

No Drawing. Application October 12, 1937, Serial No. 168,568

4 Claims. (Cl. 75—153)

1. An alloy composed of 0.03 to 3% beryllium, 0.05 to 4% silver, 0.05 to 10% of a material selected from the group consisting of cadmium and zinc and the balance copper.

2,126,634

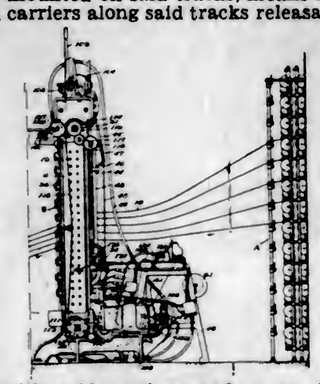
MACHINE FOR SELECTING AND SPOOLING YARNS FOR AXMINSTER LOOMS

Ralph W. Homan, Bloomsburg, Pa., assignor to The Magee Carpet Company, Bloomsburg, Pa., a corporation of Pennsylvania

Application July 30, 1936, Serial No. 93,498

51 Claims. (Cl. 28—55.5)

1. A machine of the character described including a series of tracks, individual yarn carriers slidably mounted on said tracks, means for moving said carriers along said tracks releasably con-



nected with said carriers, and means for positively operating said last mentioned means to release said carriers therefrom.

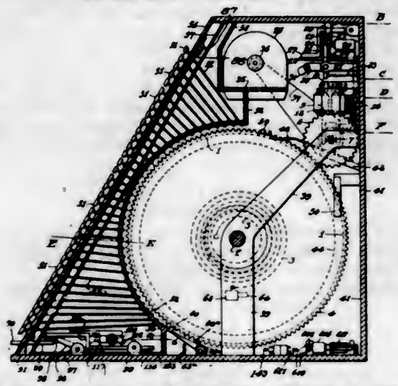
2,126,635

TELETICKET SYSTEM

Edwin Hopkins, New York, N. Y.

Original application October 26, 1929, Serial No. 402,714. Patent No. 2,004,112, dated June 11, 1935. Divided and this application June 4, 1935, Serial No. 24,890

17 Claims. (Cl. 178—4)



1. In a printing telegraph system a printer comprising a plurality of escapement typewheel units, means whereby they are adapted to be set at selected printing points upon the reception of a train of alternating signals in groups, one group for each unit; means for deriving from line the group for the first typewheel unit, and automatic means adapted to cut from line said typewheel unit, and to transfer automatically each of the next succeeding typewheel units to line upon the completion of the group of signals of the next prior unit, and means for printing from the typewheels set up upon the completion of their setting.

2,126,636

PLAYGROUND APPARATUS

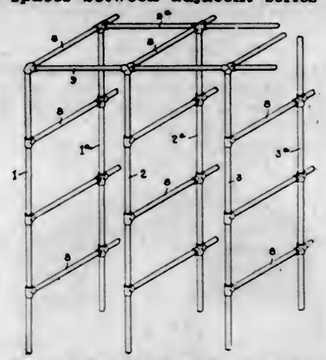
Archibald B. Horne, Brooklyn, N. Y.

Application October 4, 1933, Serial No. 692,206

1 Claim. (Cl. 272—60)

A playground structure comprising a plurality of series of posts, each series lying in a vertical plane and all such planes being parallel, a series

of vertically spaced horizontal bars carried by each series of posts and lying in the plane thereof, and horizontal cross bars connecting the upper ends of the corresponding posts of each series and extending at right angles to the planes thereof, the spaces between adjacent series of posts



being otherwise free and unobstructed, and additional cross bars connecting individual pairs of end posts of adjacent series of posts, said last mentioned cross bars being disposed at progressively varying heights, whereby they may be conveniently used by children of different sizes.

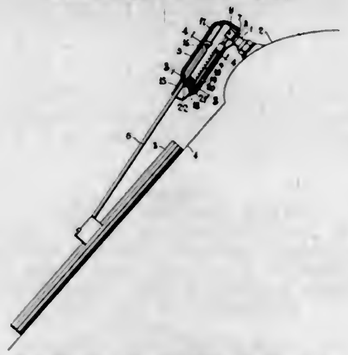
2,126,637

WINDSHIELD CLEANER

Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.

Application August 12, 1935, Serial No. 35,851

8 Claims. (Cl. 15—255)



1. A windshield wiper arm having an inner section adapted to be attached to a wiper actuating shaft and an outer rod-like section slidable in a seat on the inner arm section to vary the effective length of the arm, said inner section being provided with a key-way inwardly from the seat and extending lengthwise of the arm and the outer section being provided with a key part engaging in the key-way to secure the arm sections against relative rotation, and a spring operated clutch carried by the inner arm section for resilient engagement with the outer section to secure the outer section in the seat and hold the two arm sections at a predetermined adjustment.

2,126,638

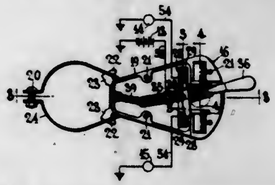
SIGNALING SYSTEM FOR MOTOR VEHICLES

Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.

Application January 22, 1936, Serial No. 60,328

12 Claims. (Cl. 177—339)

2. In a dual signal indication apparatus for a motor vehicle having an engine with a fluid intake and a suction line connected to said intake, dual indication signal means and operating means therefor including an operating member movable from a neutral position to one operating position to effect display of one signal indication and movable to another operating position to effect display of the other signal indication, and means connected to said suction line and oper-



ative to retain said member in either operating position when the suction exceeds a predetermined degree, said last mentioned means comprising a pair of cups communicating with the suction line and a pair of cup closures carried by said member, one of said closures closing over one of said cups for retention thereon by suction when said member is moved to either operating position.

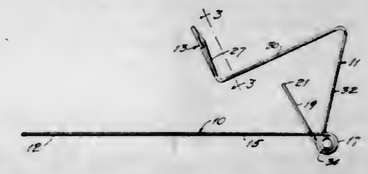
2,126,639

BOTTLE HOLDER

Earl V. Johnson, Cleveland Heights, Ohio

Application August 19, 1937, Serial No. 159,955

4 Claims. (Cl. 248—107)



1. A bottle holder comprising a pair of bent wire members; one of said members consisting of a single length of wire bent intermediate its ends to form a supporting loop having a pair of arms extending therefrom in the same general direction, the wire at the ends of said arms being formed into a pair of axially aligned convolutions and having extending end portions constituting levers operating upon movement to change the radii of said convolutions; the other of said wires bent intermediate its ends to form a bottle-neck engaging loop and having convolutions at their extremities in nested relation to and frictionally engaged by the first mentioned convolutions, said last mentioned convolutions being released from frictional engagement by the first convolutions upon movement of said lever in one direction.

2,126,640

RECORD PUNCH

Reynold B. Johnson, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application April 24, 1937, Serial No. 138,715

1 Claim. (Cl. 164—119)

A punching device comprising a tube having a bifurcated end sharpened to provide cutting edges and a plunger arranged within the tube and movable therein at the extremity of the cutting edges thereof to protect the same against

injury, said tube and plunger having cooperating means for retaining the plunger in position to



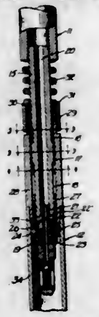
protect the cutting edges, or in retracted position.

2,126,641

MAIN VALVE FOR WELL TESTING TOOLS

Mordica O. Johnston, Glendale, Calif.

Application April 25, 1936, Serial No. 76,464
3 Claims. (Cl. 166—1)



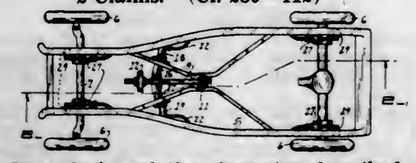
1. A device of the character described, a valve sleeve adapted for attachment to a packer, a mandrel longitudinally slidable in said sleeve and adapted for attachment to a drill string, means interlocking said mandrel and said sleeve for positive rotation in unison while permitting relative longitudinal movement therebetween, a bushing having threaded engagement with said sleeve and providing a valve seat, a valve head carried by said mandrel and adapted to rest upon said valve seat whereby upward movement of said mandrel will be limited, and cooperating means carried by said valve sleeve and said mandrel for holding said parts in assembled relation if said valve seat does not limit the upward movement of said valve head.

2,126,642

RIDE STABILIZER

Robert Sumner Jones, San Francisco, Calif.

Application July 20, 1936, Serial No. 91,609
2 Claims. (Cl. 280—112)



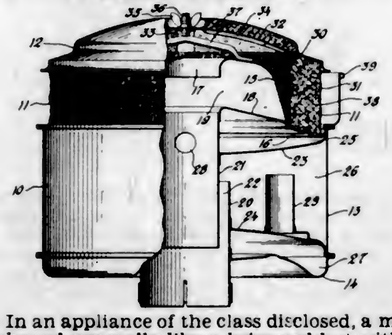
1. In a device of the character described, in combination with a vehicle chassis, of a lever pivoted horizontally thereon, a weight carried by the free end of said lever, hydraulic cylinders positioned adjacent said lever, pistons mounted in said cylinders and actuated by the pivotal action of said lever, and remotely positioned cylinders connected to said first mentioned cylinders, said remotely positioned cylinders having pistons therein, said pistons being resiliently connected to the body of said vehicle.

2,126,643

AIR CLEANER AND SILENCER ASSEMBLY

Herbert G. Kamrath, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application September 12, 1936, Serial No. 100,538
2 Claims. (Cl. 183—44)



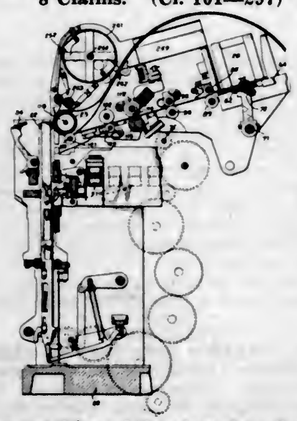
1. In an appliance of the class disclosed, a member shaped generally like a brimmed hat with an orifice in the top of its crown, an annular filter element of which one end is seated on the brim and encircles the crown of the generally hat shaped member, a cap whose rim is seated on the other end of the filter element and spaced from the generally hat shaped member solely thereby, and means by which the filter element is releasably clamped between the cap and the brim of the generally hat shaped member including a yoke whose ends are secured to the top of the crown of the hat shaped member and a threaded member which extends through the cap and is connected to the yoke.

2,126,644

PAPER SPACING DEVICE

Clair D. Lake, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application October 26, 1937, Serial No. 171,013
8 Claims. (Cl. 101—297)



1. In a machine of the class described, in combination, a platen, a normally idle driving means

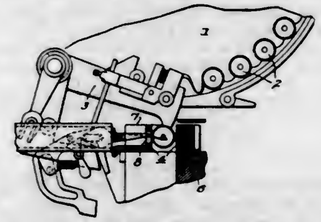
for said platen, means initiated in operation by means in said machine for causing said driving means to be effective to rotate said platen, means for determining the extent of rotation of said platen comprising a movable contact means movable with said platen and commutator contacts contacted by said contact means, means for selectively connecting a contact in an electrical circuit, a relay magnet in said circuit and energized when the selected contact and said contact means closes said circuit, and means controlled by said magnet for rendering the driving means ineffective to rotate said platen.

2,126,645

LOOM FILLING CARRIER TIP SUPPORT

Henry Jones Lanier, Langdale, Ala.

Application March 18, 1937, Serial No. 131,701
8 Claims. (Cl. 139—251)



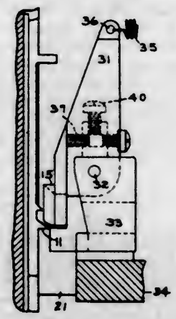
1. In a bobbin changing loom operating with a shuttle having a bobbin therein, a filling parting means for the shuttle, and means carried by said filling parting means to support the tip of the filling carrier during the positioning of the filling carrier in the shuttle.

2,126,646

CAM FOR KNITTING MACHINES

Robert H. Lawson and William L. Smith, Jr., Pawtucket, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Original application January 10, 1934, Serial No. 706,082. Divided and this application November 11, 1936, Serial No. 110,353
6 Claims. (Cl. 66—57)



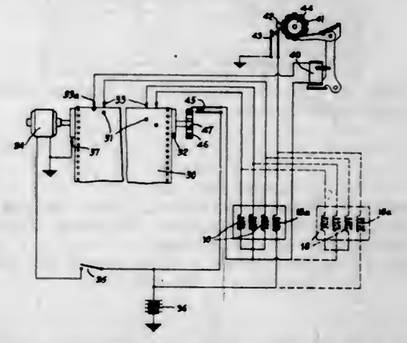
5. In a knitting machine a cam adapted to be engaged by butts of knitting instrumentalities thereby to actuate them, said cam being pivotally supported to swing in a vertical plane, means for holding said cam in position to engage butts but allowing them to swing to a position wherein butts may pass freely, and a stop for limiting movement of the cam in a direction to engage butts.

2,126,647

TYPEWRITING MACHINE

Walter S. Lemmon, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application November 24, 1934, Serial No. 754,558
1 Claim. (Cl. 197—20)



In a typewriting machine comprising a case shift instrumentality, control means therefor and connected thereto, the combination of a perforated record control sheet, sensing means comprising individual brushes cooperating therewith, electromagnetic means controlled by one of said sensing brushes and adapted to control the operation of said instrumentality control means, and means comprising cam controlled contacts connected to said instrumentality control means to render said instrumentality operative and inoperative upon successive energization of said electromagnetic means.

2,126,648

PROCESS OF PRODUCING HALOGENATED PHENOLS

William M. Lofton, Jr., Chicora, and Samuel G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Coal Products Company, Petrolia, Pa., a corporation of Pennsylvania

No Drawing. Application September 9, 1936, Serial No. 100,046
13 Claims. (Cl. 260—623)

4. The process of preparing halogenated phenols comprising hydrolyzing a compound of the group consisting of ortho dihalogen benzene, para dihalogen benezene, and a mixture of the two with a hydrolyzing agent consisting of a reaction mixture of water, an alcohol solvent for the benzene compound, an alkali metal hydroxide, an alkaline earth metal hydroxide and a copper catalyst, the water and alcohol content of the said hydrolyzing agent being sufficient to insure the solution therein of the alkali metal compound and the dihalogen benzene compound, and the temperature of hydrolysis being below the critical temperature of the alcohol.

2,126,649

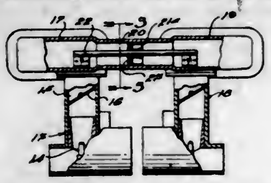
INTERNAL COMBUSTION ENGINE

Samuel E. Lytle, Lochmoor, and Revere H. Berry, Detroit, Mich., assignors to Hudson Motor Car Company, Detroit, Mich., a corporation of Michigan

Application April 24, 1937, Serial No. 138,708
9 Claims. (Cl. 123—52)

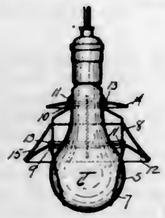
1. In a multi-throat intake manifold internal combustion engine, a conduit operatively connecting the throats of the engine and having a

restrictable opening therein, and flow actuated means restricting said opening in inverse pro-



portion to the amount of fuel mixture passing through said throats.

2,126,650
LIGHTING DEVICE
Charles C. Matera, Hartford, Conn., assignor to The Superlux Corporation, Hartford, Conn., a corporation of Connecticut
Application September 9, 1935, Serial No. 39,692
5 Claims. (Cl. 240—78)



1. A lighting device including a lamp bulb, a reflector supporting frame formed for attachment to the lamp bulb below the socket and comprising loops encircling said bulb, a reflector having an opening through which said lamp bulb extends and shaped to direct rays of light in one general direction, a second reflector positioned to receive rays of light extending through the opening in the first mentioned reflector, and means for projecting said rays of light from the second reflector in a reverse direction.

2,126,651
POURING SPOUT AND CLOSURE
Carl McQuinn, Decatur, Ill., assignor to Williams Sealing Corporation, Decatur, Ill., a corporation of Illinois
Application March 11, 1938, Serial No. 195,405
11 Claims. (Cl. 221—5)



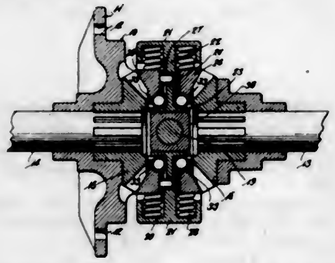
1. A closure for a spout having an oval pouring opening, said closure comprising an oval top, a depending marginal skirt extending continuously around the forward pointed end and the sides of the oval and terminating at the rear blunt end in spaced rearwardly projecting ears, the skirt at the pointed end terminating downwardly in a rigid web projecting inwardly beyond the point of the oval, adapted to hook under the pouring lip of the spout, the lower edge of the web and of the remainder of the skirt being continuous and merging into each other, and a locking lever pivoted to said ears and having a portion directly engaging the spout at the rear blunt end thereof, to draw the closure downwardly on the spout about said web as a fulcrum.

2,126,652
SLACK ADJUSTER
Emil G. Mueller, Swissvale, Pa., assignor to The American Brake Company, Swissvale, Pa., a corporation of Missouri
Application June 10, 1937, Serial No. 147,501
6 Claims. (Cl. 188—197)



1. In a slack adjuster, a housing, means for securing said housing to one of the operating members of the brake rigging of a railway vehicle, a screw rotatably mounted in and protected by said housing and provided on the outside of said housing with means for rotating said screw, and means formed on another member of the brake rigging extending into said housing with a sliding fit and provided on the inside of the housing with a screw threaded portion which cooperates with said screw in such manner that rotation of said screw will vary the effective point of connection of said two operating members.

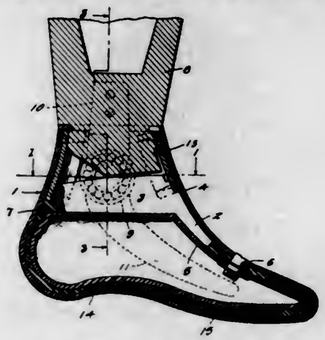
2,126,653
DIFFERENTIAL CONTROL DEVICE
Frederick W. Murray, Fairfax County, Va., assignor of one-third to Nelson J. Jewett, Arlington County, Va.
Application February 5, 1937, Serial No. 124,295
10 Claims. (Cl. 74—315)



1. A differential control device comprising, in combination: a support member; means to secure said member to a differential structure over a space bounded by the axle gears and planetary gears thereof; a pair of oppositely facing wedge blocks to contact the teeth respectively of two similar surfaces of said gears; and spring means reacting between said member and said blocks edgewise of the latter to produce friction upon said gears.

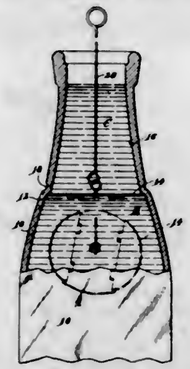
2,126,654
PNEUMATIC FOOT FOR ARTIFICIAL LIMBS
Lonnis Austin Morris, Thayer, Mo.
Application January 19, 1937, Serial No. 121,369
3 Claims. (Cl. 3—8)

3. An artificial foot and ankle construction including a leg portion, a casing shaped to simulate a human foot having heel, instep and toe portions and provided with a chamber extending into said toe, instep and heel portions, said heel portion having thickened portions providing a slot extending into the chamber to permit opening of the latter by the flexing of said thickened portions away from each other, an inflatable inner tube in said chamber and insertible and removable therefrom by way of the slot, oppositely disposed hinges connecting said leg portion and the



casing, and oppositely disposed elastic strips connecting the leg portion and the casing.

2,126,655
COMBINED MILK AND CREAM CONTAINER AND SEPARATOR
John B. Neal, Allston, Mass., assignor of thirty-seven and one-half percent to Fredrick H. McAdams, Revere, Mass., and twenty-five percent to Everett E. Kent, Newton, Mass.
Application December 7, 1937, Serial No. 178,513
3 Claims. (Cl. 210—51.5)



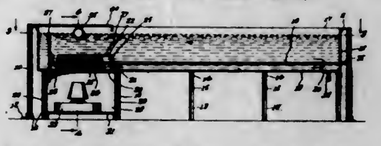
1. A device for separating and pouring contents in a bottle or the like container having at its top a mouth which is open endwise of the axis, comprising in combination an element having within the container, fixed in height on the side wall of the bottle at the distance from the mouth at which the separating is to occur, an annular surface lying substantially in a plane perpendicular to the axis and projecting toward the axis, abruptly with respect to the adjoining part of the container wall which is below it, constituting a downward facing ledge; a collapsible and expansible flow-barrier plate, adapted when collapsed to pass through the mouth and through the ledge annulus, and when expanded adapted to have its marginal portion overlap the annular ledge, thereby to constitute a partition seated against the ledge within the bottle, with bottle space for contents above and below this partition; and a handle for manipulating the plate to and from its said seat; the said wall below the ledge being a guide for the manipulating of the plate to said seat.

2,126,656
THERMOELECTRIC CONVERTER
Herschel G. Pack, Salt Lake City, Utah
Application October 1, 1935, Serial No. 43,126
12 Claims. (Cl. 136—4)



9. A thermoelectric converter including a plurality of elements forming pairs of couples arranged so that current will flow in series through the various couples, a pair of metal containers having their edges in confronting but spaced relationship, said containers tightly fitting the ends of said couples to compress them and make thorough electrical contacts and providing a casing for all of the couples, one of the containers comprising a heat-radiating body and the other container comprising a heating head, and means by which the foregoing structure may be supported, said means fixedly joining said containers but maintaining them in thermally and electrically spaced relationship.

2,126,657
HEATED TANK FOR LIVESTOCK
Leslie T. Petersen, Denison, Iowa
Application October 9, 1936, Serial No. 104,885
6 Claims. (Cl. 126—344)

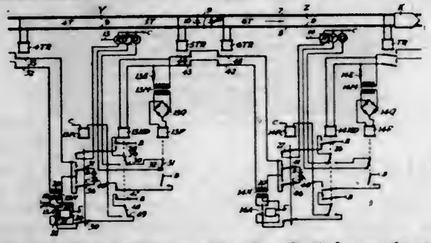


1. A waterer for stock comprising a tank open at its top adapted to contain water for feeding to stock, a casing mounted on the bottom of the tank below the surface level of the water therein and opening downwardly through the bottom of the tank and having a header compartment in one end and a plurality of open ended water tubes extending through the opposite side walls of the casing, an elongated channel member disposed upon the bottom of the casing and opening at one end into said header compartment of the casing and at its other end into the tank, and a heater disposed beneath the tank in register with the open bottom of the casing for heating water in said tubes to promote circulation through the tank, said channel member to the heater compartment and through the tubes into the body of water in the tank.

2,126,658
RAILWAY SIGNALING
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application April 17, 1936, Serial No. 74,876
16 Claims. (Cl. 246—50)

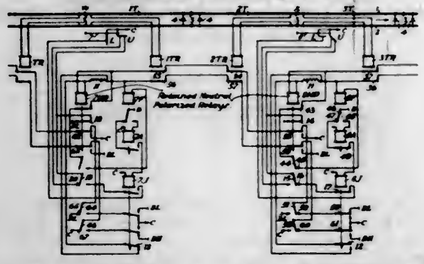
1. In combination, a section of railway track, a pair of line conductors for said section, means governed in accordance with traffic conditions in advance of said section for supplying said pair of conductors with current of one character or with current of another character simultaneously with current of said one character or with

current of still a different character, a signal for said section including a first lamp and a second lamp, and means receiving energy from said pair of conductors for governing said lamps whereby only the first lamp is energized steadily if said conductors are supplied with current of



said one character or only the first lamp is energized periodically if said conductors are supplied with current of said other character simultaneously with current of said one character or only the second lamp is energized if said conductors are supplied with current of said different character.

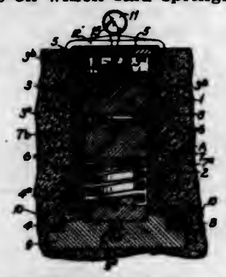
2,126,659
RAILWAY SIGNALING
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application December 5, 1936, Serial No. 114,399
12 Claims. (Cl. 246—50)



1. In combination, a section of railway track, a pair of conductors for said section, means for supplying said pair of conductors with energy of a particular magnitude and direction or with energy of a higher magnitude in the same direction or with energy of said particular magnitude but in the other direction in accordance with traffic conditions in advance of said section, a polarized relay responsive to energy of either magnitude receiving current from said conductors, another relay responsive only if said energy of said higher magnitude is within certain predetermined maximum and minimum values also receiving current from said pair of conductors, and traffic governing means for said section governed by said two relays.

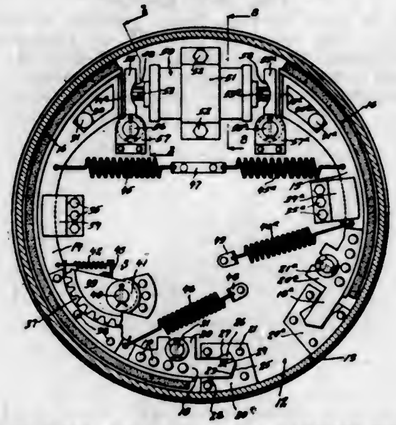
2,126,660
SPRING TYPE VIBRATION ISOLATING APPARATUS
George D. Pogue, New York, N. Y., assignor to General Motors Corporation, a corporation of Delaware
Application August 29, 1934, Serial No. 742,018
6 Claims. (Cl. 248—20)

6. A vibration isolating apparatus comprising a massive movable concrete base, a stationary base, spring cages imbedded in said movable base, springs in said spring cages sustained by said stationary base, adjustable thrust pieces in said spring cages on which said springs abut to sup-



port said movable base, and openings in said cages opposite said stationary base through which said thrust pieces may be adjusted.

2,126,661
AIR BRAKE SYSTEM FOR AUTOMOTIVE VEHICLES
Robert Dorno Provinson, Pittsburgh, Pa.
Application March 19, 1936, Serial No. 69,638
5 Claims. (Cl. 188—152)

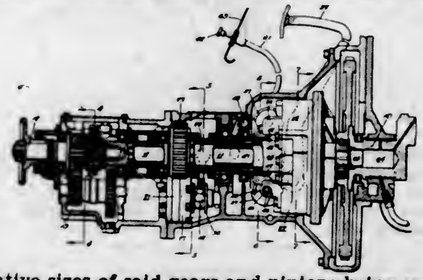


1. In a brake for a vehicle, a rotatable drum, a stationary backing plate, a front brake shoe and a rear brake shoe, means providing a floating pivotal mounting for each shoe adjacent the lower end thereof, anchor means for the end of each shoe preventing rotation thereof with said drum when the brake is applied, an expanding arm for each shoe pivotally mounted on the backing plate and each arranged in opposed relation to the upper end of its associated shoe, air pressure means mounted on said backing plate and arranged between said expanding arms, and adapted to actuate the same for applying said shoes to said drum and a self-energizing unit associated with said front shoe comprising an arcuate rack on said shoe and an eccentrically mounted sector carried by said backing plate and meshing with said rack.

2,126,662
HYDRAULIC TRANSMISSION
Fred J. Ramsey, Harrisburg, Pa.
Application October 14, 1936, Serial No. 105,579
13 Claims. (Cl. 74—293)

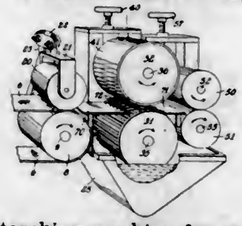
1. In a transmission, a planetary train comprising a driven orbit element, two gears, a rotatable rigid planet unit rotating with said orbit element and including a pinion for and engaging

each of said gears, a circulating system including a pump driven by one of said gears, means to interrupt said system thereby braking said gear, means to brake rotation of said planet unit comprising a gear pump including one of said gears and the co-acting pinion of said planet unit, the



relative sizes of said gears and pinions being such that the gear driving the first mentioned pump tends to rotate in one direction when the planet unit is free, and in the opposite direction when the unit is braked, and means to disconnect the pump and said gear when the gear rotates in the last-named direction.

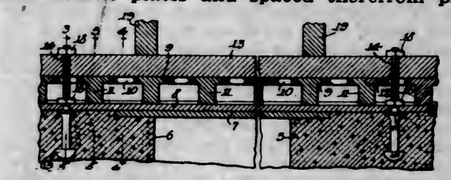
2,126,663
STARCHING MACHINE
George J. Reinitz, Brooklyn, N. Y., assignor to United Laundry Machinery Corporation, New York, N. Y., a corporation of New York
Application February 25, 1937, Serial No. 127,638
5 Claims. (Cl. 91—51)



3. In a starching machine for applying starch simultaneously to opposite sides of and working it into a garment or a part thereof by means of a single pair of contacting starch-applying rolls of approximately equal size positioned one above the other and without submerging the article to be starched in the starch solution, an upper roll having a yielding surface, means for delivering starch to the underside of the article comprising a lower starching roll of hard material, the surface of said lower roll being longitudinally corrugated on its cylindrical surface to form alternate ridges and grooves parallel with the axis of rotation, means for supplying starch to the surface of said lower roll whereby the starch is lifted up by the roll and carried between the ridges to the underside of the article and applied directly thereto in substantial quantities, said ridges also functioning to knead the starch into the article by coacting with the yielding surface of the upper roll.

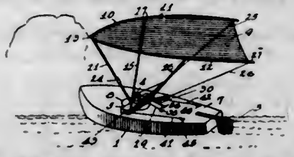
2,126,664
ANTITERMITE PLATE
Raymond J. Reis, Louisville, Ky.
Application August 19, 1936, Serial No. 96,873
4 Claims. (Cl. 72—0.5)

1. A building structure comprising a foundation, anti-termite plates resting on the foundation, top sections embodying plates resting on the anti-termite plates and spaced therefrom pro-



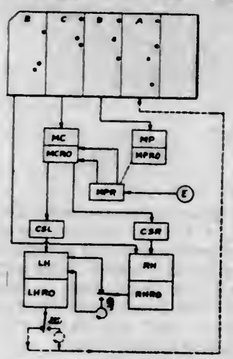
viding air passage-ways, framing plates secured on the top section, and said top section having openings exposing portions of the framing plates.

2,126,665
RIG FOR SAILBOATS AND VESSELS
John T. Rowland, Carmel, Calif.
Application April 25, 1936, Serial No. 76,477
8 Claims. (Cl. 114—102)



1. In a device of the type described, a boat hull, a rig carried thereby and including means mounted on said hull and two side booms swingable in the same plane and being pivoted to said means at points adjacent to the hull and equidistant from a center point on the hull, and a sail having its sides pivotally connected to the free ends of the booms, and means for swinging the booms for moving the sail from one side of the boat hull to the other and for holding the sail in any desired position between its extreme limits of movement.

2,126,666
MULTIPLYING MACHINE
Russell A. Bowley, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 14, 1935, Serial No. 49,671
8 Claims. (Cl. 235—61.10)



1. In a multiplying machine having means for sensing a record for factor representations, multiplying said factors and entering the product back on the record; means for sensing the record for designations representing the arithmetic signs of said factors, means for designating the arithmetic sign of the product and means controlled by said factor sign sensing means for controlling

the operation of said product sign designating means.

8. In a multiplying machine, means for sensing a record card for three amounts, means for receiving the sensed amounts, an accumulator, means for entering one of said amounts into said accumulator in the form of a nines complement, means for multiplying the other two factors and entering the partial products thereof into said accumulator, whereupon the result will be either a nines complement of the true result or a true number one less than the true result, punching mechanism, and means controlled by said accumulator and including converting mechanism for automatically controlling said punching mechanism in accordance with the true result.

2,126,667

CAN TOP PERFORATOR AND STOPPER

Thomas F. Russell, Youngstown, Ohio, assignor of one-third to Martin J. Dittman and one-third to Harry E. Sills, both of Youngstown, Ohio

Application November 2, 1936, Serial No. 108,843
1 Claim. (Cl. 220—51)



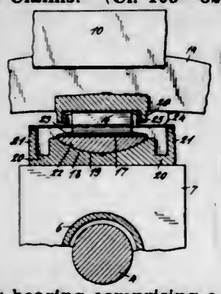
A combined can top punch and seal comprising a pair of elongated slidably and rotatably superposed plates having respective can top piercing and sealing pins projecting from the under side thereof, one of said plates being formed with a longitudinal slot, a pin fastened rigidly to the remaining plate and projecting through said slot, and a head on said pin bearing against the outer side of the slot-equipped plate to retain the plates assembled.

2,126,668

SLIPPER BEARING

Joseph P. Ruth, Denver, Colo.

Application May 11, 1935, Serial No. 21,018
10 Claims. (Cl. 105—82)



1. A slipper bearing comprising a cylindrically concaved seat, a weight-supporting shoe formed with a cylindrically convexed bearing surface depending for operative association with said seat, and a bearing block interposed in freely floating, self-positioning relation between and contoured for both linearly and angularly movable cooperation with said seat and shoe.

2,126,669

HEEL

Charles O. Ryberg, Brockton, Mass.

Application February 27, 1936. Serial No. 65,962
6 Claims. (Cl. 36—34)

1. A shoe heel comprising a seat portion and a shank portion with a T-shaped cross section supporting said seat portion, said shank portion consisting of a breast portion disposed in a vertical plane transverse to the long axis of the seat and a rear portion disposed in a vertical plane



parallel to said axis, said rear portion having a thickness less than the width of the breast portion whereby a pyramidal void is left in the flanks of the heel on either side of said rear portion.

2,126,670

ACCELERATOR OF VULCANIZATION

Winfield Scott, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 3, 1936, Serial No. 72,667
15 Claims. (Cl. 18—53)

1. The process of accelerating the vulcanization of rubber which comprises vulcanizing in the presence of a compound having the formula

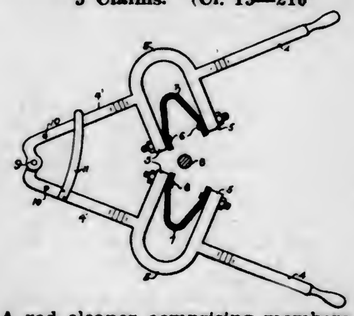
wherein B is the 1-benzothiazyl radical, and R is an aliphatic acyl radical.

2,126,671

ROD CLEANER

George E. Slaugenhop, Vernon, Tex.

Application March 2, 1936, Serial No. 66,726
5 Claims. (Cl. 15—210



1. A rod cleaner comprising members pivoted together and having U-portions facing one toward another and laterally offset from each other in position for overlapping, and flexible wiper elements arranged in bridging relation across the open ends of the U-portions.

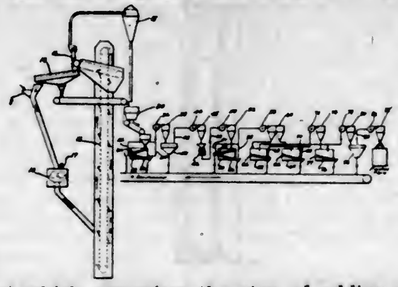
2,126,672

PROCESS FOR SEPARATING FIBER FROM RUBBER

Claude H. Smith, Tallmadge, Robert W. Moorhouse, Fairlawn, and John J. Hartz, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application August 24, 1935, Serial No. 37,726
8 Claims. (Cl. 18—52)

1. In the process of separating fiber from vulcanized rubber tires comprising the grinding of debeaded and chopped rubber tires to small size and subjecting said ground rubber fibrous material to attritioning and to beating, the improve-



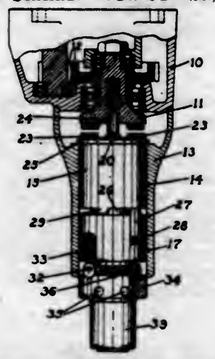
ment which comprises the step of adding sufficient water to the material at the grinder so that it receives a cutting action rather than a macerating action.

2,126,673

PORTABLE POWER OPERATED TOOL

William A. Smith, Jr., Dayton, Ohio, assignor to The Buckeye Portable Tool Company, Dayton, Ohio, a corporation of Ohio

Application June 10, 1937, Serial No. 147,536
16 Claims. (Cl. 64—29)



1. In a mechanism of the character described, front and rear driving members mounted for rotation about a common axis and having opposed internal cavities, means for establishing a slip connection between said driving members which will normally cause said members to rotate in unison but which will disconnect said members and permit the rear driving member to rotate with relation to the front driving member when excessive resistance is offered to the rotation of said front driving member, said means including a spring enclosed in said cavities, a support for said spring arranged in one of said cavities, and means arranged exteriorly of said front driving member and movable with relation thereto for adjusting said support to vary the tension of said spring.

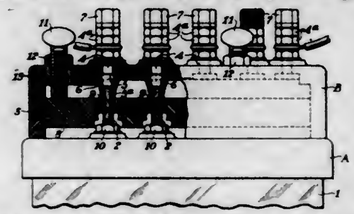
2,126,674

ELECTRICAL RELAY

Walter L. Stout, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application October 18, 1935, Serial No. 45,615
6 Claims. (Cl. 173—328)

6. The combination with an electrical device having a top plate provided with projecting terminal posts for making external electrical connections with the device, of a detachable terminal plate of insulating material having mounted thereon a plurality of terminal posts one of which aligns with each terminal post on said top plate, said terminal plate being provided at its outer edge with an annular flange which rests on said top plate and which supports said terminal plate in fixed spaced parallel relation with respect to said top plate, a plurality of contact members one secured to each terminal post on said terminal plate and each provided with a plurality of contact fingers which are biased toward each other by their own resiliency and which are adapted to engage the aligned terminal post on said top plate, each said contact finger being provided with an outwardly bent portion,



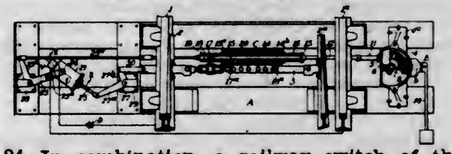
a wedging plate slidably mounted within said flange for axial movement between two positions relative to said terminal plate and provided with a plurality of holes one of which surrounds the contact fingers of each contact member and each of which is provided with a tapered portion which cooperates with the outwardly bent portion of the fingers in such manner that said wedging plate is normally biased by the fingers to one position but becomes effective when moved to its other position to force the fingers into engagement with the terminal posts on said top plate, and means including a plurality of thumb screws for moving said wedging plate from its one position to its other position.

2,126,675

RAILWAY SWITCH OPERATING APPARATUS

Walter L. Stout, Penn Township, Allegheny County, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application September 12, 1936, Serial No. 100,452
Renewed January 15, 1938
26 Claims. (Cl. 246—284)



24. In combination, a railway switch of the type adapted to be trailed, means for biasing said switch to one extreme position, and biasing mechanism including a fluid pressure motor supplied with fluid pressure by the movement of a train trailing said switch from said one extreme position to apply to said switch a force which opposes and exceeds the force of said biasing means.

2,126,676

SIDING

Frank S. Thomas, Harlem Springs, Ohio

Application July 22, 1937, Serial No. 155,109
3 Claims. (Cl. 189—86)

3. In a building construction of the class described, the combination with a surface to be covered, of a plurality of sheets of covering material

adapted to cover said surface, each sheet having its lower marginal edge bent backwardly upon the rear face of the sheet forming an upwardly directed groove along that edge of the sheet, and also having its upper marginal edge bent forwardly upon the front face of the sheet to form a downwardly directed groove along said upper edge of the sheet, metallic clips disposed in spaced relation along the upper and lower edges of each sheet, said clips having lower edge portions bent backwardly upon the rear faces of the clips to form upwardly directed grooves along the lower edges of the clips; said sheets being disposed in



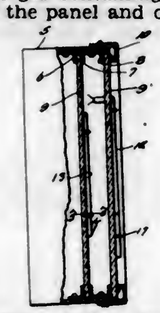
parallelism so that the lower edge of each sheet overlies the upper edge of the next adjacent sheet, with the lower edges of the clips engaging in the grooves in the lower edges of the sheets, and with the grooves in the upper edges of the sheets engaging the grooves in the lower edges of the clips, and seat blocks being interposed between said clips and the surface to be covered and nails extending through said clips and seat blocks into the surface to be covered; said seat blocks having lower rabbeted edges, and said sheets of covering material adjacent the upper edges thereof having forwardly extending flanges engaging in the rabbeted edges of said seat blocks.

2,126,677
UREA RESIN TYPE MOLDING COMPOSITION AND PROCESS OF MAKING SAME
Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application June 15, 1935, Serial No. 26,826
2 Claims. (Cl. 106—22)

1. In the art of making cellulose and urea aldehyde resin molding compositions, the steps which comprise effecting impregnation of the cellulose with an aqueous urea-aldehyde resin initial condensate and subsequently subjecting the impregnated material to the action of rolling attrition pressure at a temperature precluding precuring of the resin prior to shaping to approximately final form for molding.

2,126,678
SIGN
David N. Estes, Carlsbad, N. Mex.
Application September 11, 1937, Serial No. 163,467
3 Claims. (Cl. 40—130)

1. A sign, comprising a casing, a panel of insulation mounted on the casing, said panel being provided with a character formed translucent portion, a rare gas containing tube disposed on the outside of the panel and out-lining the said



character portion, and a second tube at the rear of the panel and behind the said translucent area.

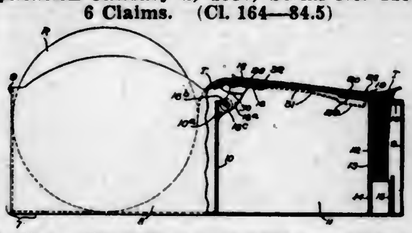
2,126,679
METHOD OF PROCESSING CHEESE
Edward Freidel, Syracuse, N. Y., assignor to Kingan & Co. Incorporated, Indianapolis, Ind., a corporation of New Jersey
Application May 8, 1936, Serial No. 78,585
12 Claims. (Cl. 99—162)



8. The method of treating cheese which comprises the steps of heating a mass of raw cheese and injecting thereinto a blended mixture of carbon dioxide and hydrogen.

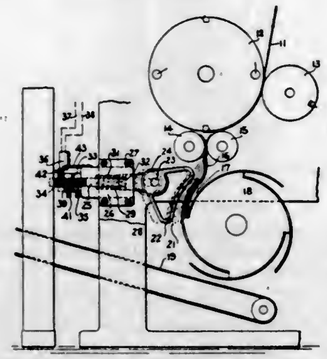
12. The method of producing a pasteurized cheese product which comprises the steps of heating a mass of raw cheese to a temperature such as to cause separation of the fats and caseins, and thereafter effecting emulsification of the separated components by injecting carbon dioxide into the heated mass.

2,126,680
ADHESIVE STRIP DISPENSER
Trevor R. Gautier, Nashua, N. H., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H., a corporation of Massachusetts
Application January 2, 1937, Serial No. 118,722
6 Claims. (Cl. 164—84.5)



6. Tape dispensing apparatus comprising, in combination, a housing including longitudinal side members providing between them a support for a tape supply at their rear portion and a tape delivery station at their front portion, a plate providing a substantially uninterrupted feed platform for the tape, adapted to oppose the pressure of the operator's finger on the upper face of the tape for advancing the latter along the platform, means removably positioning said plate on the upper edge portions of the side members of the housing, overlying guide means carried by the plate and forming with it a feed channel having a longitudinal open portion affording access to the upper face of the tape for said pressing engagement of the operator's finger thereon to advance it through the feed channel, said platform-providing plate having a portion to underlie and support the operator's finger pressed upon the tape to feed it, the tape having perforations distributed along it, a movable stop having a released position below the tape path, and means carried by and depending from said platform-providing plate for yieldably presenting said stop so as automatically to enter it into a perforation of the tape which comes opposite it, said means arranged for manual release to withdraw the stop when a length of tape is to be fed.

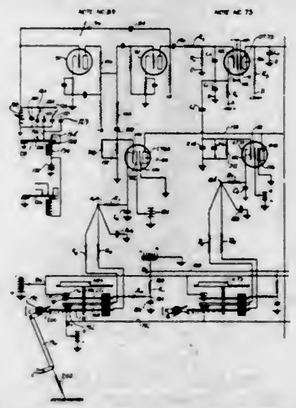
2,126,681
CONTROL DEVICE FOR PRINTING MACHINES
Charles W. Ginsberg, Brooklyn, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application December 6, 1935, Serial No. 53,193
13 Claims. (Cl. 192—127)



1. In a delivery mechanism for a machine wherein products are folded and delivered, a rotary fly to receive and carry products, a guide disposed adjacent the periphery of the fly to be engaged by the products as they pass by the guide, while being carried by the fly, a bracket in which said guide is slidably mounted, said guide being slidable in said bracket upon being engaged by an excess of products passing thereby, a control device adapted to be connected to the machine to stop the same, means to actuate said control device upon sliding movement of said guide by the products, and means to return the guide to its initial position after the excess of products has been removed.

2,126,682
ELECTRICAL MUSICAL INSTRUMENT
Laurens Hammond, Chicago, Ill.
Application April 2, 1938, Serial No. 199,614
21 Claims. (Cl. 84—1)

1. In an electrical musical instrument, a frequency dividing system for supplying a plurality of frequencies for octave notes of the instrument, said system including a plurality of stages and each stage comprising an electron discharge device having a cathode, grid and plate, and a plurality of terminals A, B, and C having fixed direct current potentials with respect to one another, a resistor connecting said cathode to the terminal A, a condenser connecting said cathode to the terminal B, a condenser connected between said cathode and said grid to form a connection having a lower impedance for high frequencies, a resist-



ance connecting said grid to terminal C, and means for impressing a signal from a preceding stage between the grid and the cathode, whereby each of said stages will operate to produce a signal of a frequency which is a sub-multiple of the signal supplied from the preceding stage.

2,126,683
BOILER CLEANER
Curtis L. Howse and Frank Bowers, Detroit, Mich., assignors to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan
Application September 28, 1934, Serial No. 745,970
25 Claims. (Cl. 122—392)

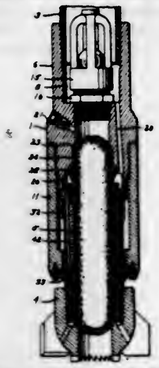


1. In a fluid heater cleaner, a blower element mounted for movement to projected and retracted positions, means for moving said blower element to said positions, means for initiating the actuation of said moving means, and means for thereafter controlling and continuing the operation of said moving means to cause the same to move the blower element from its retracted to its projected position and to then automatically return the blower element to its retracted position.

2,126,684
CONTAINER CORE BARREL
Granville A. Humason and Walter J. Clay, Houston, Tex., assignors to McDonough Iron Works, Galveston, Tex., a corporation of Texas
Application August 30, 1937, Serial No. 161,550
16 Claims. (Cl. 255—72)

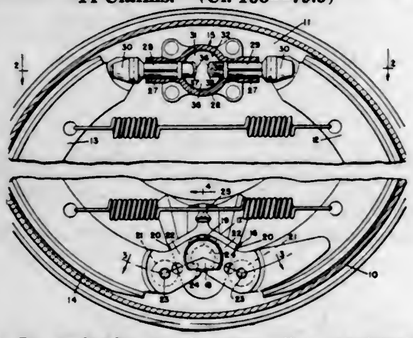
1. A core drill assembly including a core drill and a drill collar telescopically connected thereto, an operating string connected to said drill collar, a threaded connection between said drill and collar whereby the drill and collar are held in extended relation when the bit is driven by the operating string, a core barrel within said as-

sembly, and means for flanging the ends of said core barrel upon relative movement of the drill



and collar when said threaded connection is released.

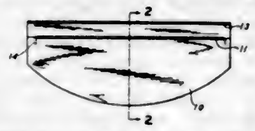
2,126,685
BRAKE MECHANISM
Frank L. Main, Birmingham, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application March 23, 1936, Serial No. 70,431
14 Claims. (Cl. 188—79.5)



1. In a brake mechanism, the combination with a drum having an annular brake flange and shoes within the drum engageable with the brake flange, of an actuator for the shoes comprising a radially movable wedge located between the shoes adjacent one end of the latter, a roller carried by each shoe for engagement with opposite sides of the wedge, and adjustment means associated with the opposite ends of the shoes for moving the latter outwardly about a stud forming an abutment for the extremities of the shoes beyond the rollers and having the axis thereof predeterminedly located with respect to the axes of the rolls to effect a displacement of the latter substantially along the adjacent sides of the wedge during adjustment of the shoes in a direction toward the brake flange.

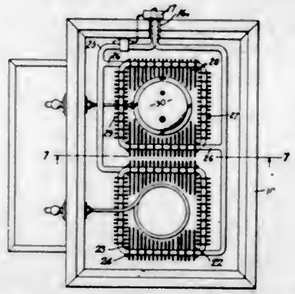
2,126,686
PRODUCTION OF HIGH VACUUM
Paul V. Malloy, Lakewood, Ohio, assignor to Kemet Laboratories Company, Inc., a corporation of New York
Application February 11, 1936, Serial No. 63,302
1 Claim. (Cl. 250—27.5)

Method of producing a high vacuum within a closed envelope which comprises securing below said operating elements within said envelope containing the operating elements of a thermionic device; a getter tab consisting of a metal strip and a body of getter material secured in firm thermal contact with said strip, said body



extending substantially from the edge to the center portion of said strip, and then heating said strip from its edges progressively towards its center, whereby successive portions of said getter material are vaporized.

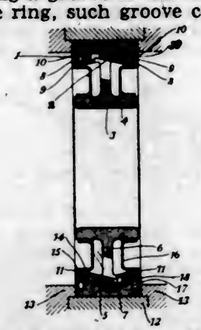
2,126,687
CONDUIT FOR REFRIGERANT SYSTEMS
Michael A. Martin, Erie, Pa.
Application November 7, 1935, Serial No. 48,721
4 Claims. (Cl. 62—126)



2. In a refrigerant system for liquids, the combination of a cabinet adapted to contain an anti-freeze solution, a liquid container in the cabinet, an evaporator in the cabinet adapted to have a fluid refrigerant circulated therethrough, the evaporator comprising successive vertically spaced inter-connected layers of heat conducting tubing adjacent at least a major portion of the liquid container side walls, a plurality of vertically extending supports adjustably engaging the tubing whereby the height of the evaporator may be altered and a plurality of spaced fins of high heat conduction material secured to the tube and extending laterally therefrom towards and adjacent to the liquid container whereby heat may be rapidly extracted from the liquid under the joint influence of said fins and the anti-freeze solution.

2,126,688
PLAIN BEARING
Nils Arvid Palmgren, Goteborg, Sweden, assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden, a corporation of Sweden
Application November 13, 1935, Serial No. 49,466
In Sweden April 16, 1935
12 Claims. (Cl. 308—160)

1. A plain bearing having a pressure ring of a thickness permitting it to flex under small pressure, for carrying thrust loads, such pressure ring having a sliding surface on one side and a supporting surface on the other side, there being grooves in the sliding surface arranged in pairs with recesses at the supporting surface and extending over substantially the whole radial width of the ring, the recess at the supporting surface having a substantially greater peripheral extent than the corresponding groove in the sliding surface, there being a groove at the outer periphery of the pressure ring, such groove connecting the



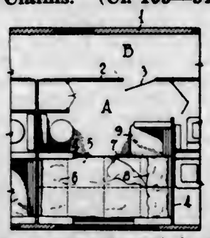
grooves in the sliding surface with the recesses in the supporting surface.

2,126,689
SUCTION PLUNGER
Alex Pouliot, Chicago, Ill.
Application November 11, 1936, Serial No. 110,313
4 Claims. (Cl. 4—255)



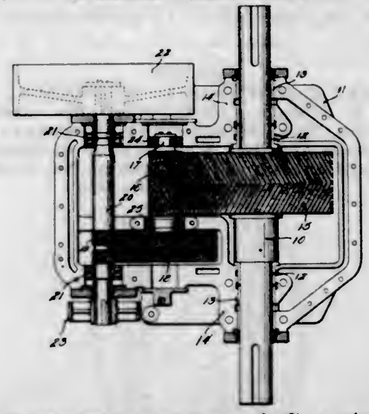
1. A suction plunger comprising a globular body of flexible material having a handle receiving socket at one end and an opening at the other end, and a stout lip of smaller diameter than the globular body surrounding the opening having a flat outwardly directed surface provided with an annular groove.

2,126,690
SLEEPING CAR CONSTRUCTION
Earl J. W. Ragsdale, Norristown, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 7, 1937, Serial No. 135,452
5 Claims. (Cl. 105—316)



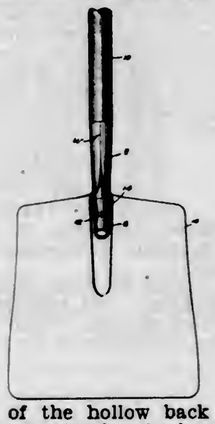
1. A sleeping compartment having a pair of seats of double width facing each other, the bottom and back sections of each seat being movable into positions where they all cooperate to form a bed, and a third seat of single width mounted in line with one of said seats of double width and forming therewith a full length couch.

2,126,691
SPEED REDUCER
Walter P. Schmitter, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application December 6, 1935, Serial No. 53,224
3 Claims. (Cl. 74—410)



1. A gear set comprising a shaft, a pinion on said shaft having a face width so much greater than the diameter of said pinion as to render the latter deflectable under load, bearings for said shaft disposed adjacent the ends of said pinion, said shaft having an end projecting beyond one of said bearings and supported solely thereby, a gear on the projecting end of said shaft, a second shaft arranged at one side of first named shaft having a gear meshing with said pinion, and a third shaft arranged at the other side of said first named shaft and having a pinion meshing with said first named gear, the axes of said shafts being disposed substantially in a common plane and the central plane of said first named gear being disposed beyond said bearings.

2,126,692
HOLLOW BACK SHOVEL
George C. Wharton, Parkersburg, W. Va., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va., a corporation of Delaware
Application June 17, 1937, Serial No. 148,721
2 Claims. (Cl. 306—31)



1. A shovel of the hollow back type which presents to the grasping hand a handle-supporting socket smooth and free of asperities, com-

prising a blade having a forwardly expressed frog at the rear, a rearward extension in line with the frog distally formed as a circumferentially continuous tube, a non-metallic handle tightly fitted into the tube and extending into the frog, and a substantially single securing means for retaining the handle comprising a securing device attaching the handle end to the wall of the frog.

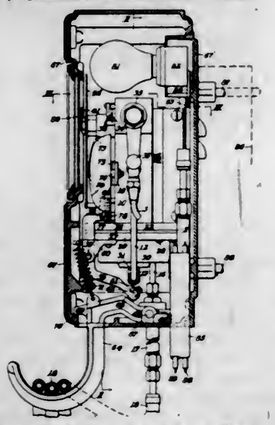
2,126,693

FLUID DISPENSING APPARATUS

David S. Willson, Conshohocken, Pa., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware

Application July 6, 1936, Serial No. 89,098

7 Claims. (Cl. 221—73.5)



1. In a device of the class described, means for automatically preventing irregular operation thereof, including an air service line having a valve controlled portion, and means for discharging air in successive charges when said valve is opened, comprising a second valve in the air service line, a lever, means for subjecting the lever to pressure in the air line between said valves; a spring arranged to stress said lever in opposition to the effect of air pressure on said lever; whereby said lever is oscillated by successive charges; means for variably predetermining the maximum pressure between said valves, including means for adjustably varying the stress of said spring upon said lever; and means for detaining said lever in one extreme position of oscillation when the air between said valves reaches such predetermined pressure, including a movable support for said valve controlled portion of the line, when in idle position, with means movable to detain said lever when said line is hung on said support.

2,126,694

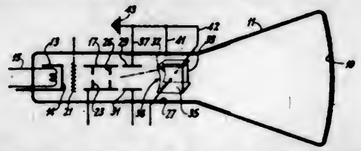
ELECTRON TUBE

James T. Wilson, Arlington, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application March 26, 1937, Serial No. 133,096

8 Claims. (Cl. 250—27.5)

1. In an electron tube, means to develop an electron beam, a plurality of electrodes to deflect said electron beam, said electrodes each having one edge portion thereof concavely curved with respect to the origin of the produced electron beam, and an inwardly extending flange attached



to the opposite edges of one of said electrodes and extending in the direction of the other of said electrodes to enclose the projection of the plane thereof.

2,126,695

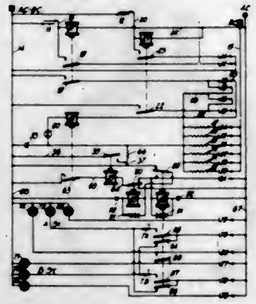
TRAFFIC CONTROL SYSTEM

Denis Wright, Elm Vale, Liverpool, England, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England

Application April 28, 1934, Serial No. 722,893

In Great Britain May 19, 1933

7 Claims. (Cl. 177—337)



1. In a signalling system having signalling circuits including signals adapted to display different signal indications, a signal control apparatus comprising switches forming a part of said signalling circuits for operating said signals, a camshaft for operating said switches and having a plurality of positions thru which it is adapted to be operated cyclically, and time controlled means for normally operating said shaft from one position to another in its cycle at certain time periods so as to cause said switches to be operated to cause the display of such signal indications successively in a corresponding cycle, a relay in said system, means operated by said camshaft at a predetermined position in its cycle to operably connect said relay to said time controlled means for operation by the latter at completion of its time period at said position and so as to render said time controlled means ineffective to operate said shaft from said predetermined position, a switch operated by said relay and connected in series in one of said signalling circuits to cause when operated a change of signal indication from that which is caused by the operation of the signal control apparatus, and means operated by said relay to render said time controlled means again effective to normally operate said camshaft from said position on completion of a further time period.

DESIGNS

AUGUST 9, 1938

110,790

DESIGN FOR A COMBINED BOTTLE AND STOPPER THEREFOR

Frank E. Ansell, Brooklyn, N. Y.

Application April 4, 1938, Serial No. 76,289

Term of patent 14 years



The ornamental design for a combined bottle and stopper therefor, as shown.

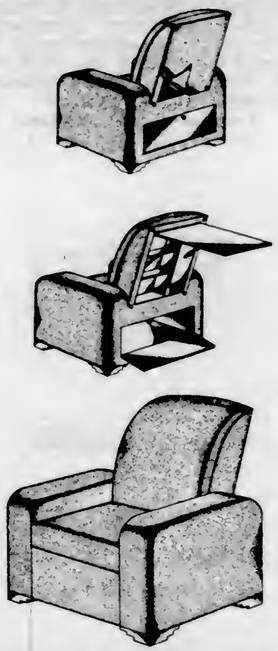
110,791

DESIGN FOR A CHAIR OR SIMILAR ARTICLE

Aileen Armour, Los Angeles, Calif.

Application May 10, 1938, Serial No. 77,096

Term of patent 14 years



The ornamental design for a chair or similar article, as shown and described.

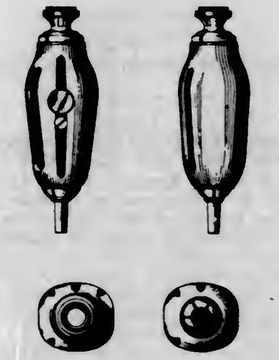
110,792

DESIGN FOR AN ELECTRIC RAZOR

Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut

Application June 15, 1938, Serial No. 77,844

Term of patent 14 years



The ornamental design for an electric razor, as shown.

110,793

DESIGN FOR A PERFUME BOTTLE OR THE LIKE

Vladimir Bobri, New York, N. Y., assignor to Parfums Chevalier Garde, Inc., New York, N. Y.

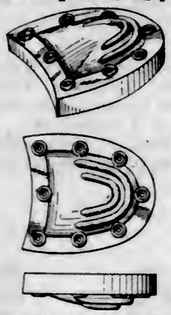
Application May 14, 1938, Serial No. 77,193

Term of patent 3½ years



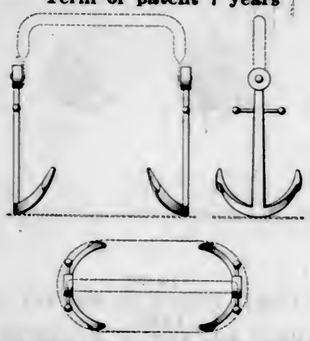
The ornamental design for a perfume bottle or the like, substantially as shown.

110,794
DESIGN FOR A HEEL
Emil Borman, Chicago, Ill.
Application January 3, 1938, Serial No. 74,050
Term of patent 14 years



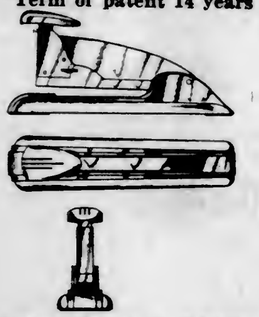
The ornamental design for a heel, as shown.

110,795
DESIGN FOR A FRAME FOR A TANTALUS SET
Andrew Cravaritis, New York, N. Y., assignor to National Silver Deposit Ware Co., Inc., New York, N. Y., a corporation of New York
Application December 10, 1937, Serial No. 73,512
Term of patent 7 years



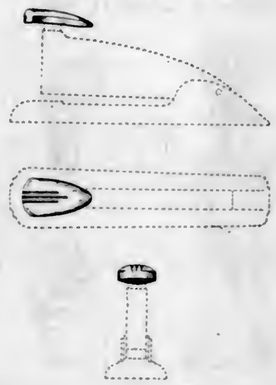
The ornamental design for a frame for a tantalus set, substantially as shown.

110,796
DESIGN FOR A STAPLING MACHINE
Stephen A. Crosby, New York, N. Y., assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y., a corporation of New York
Application April 26, 1937, Serial No. 68,990
Term of patent 14 years



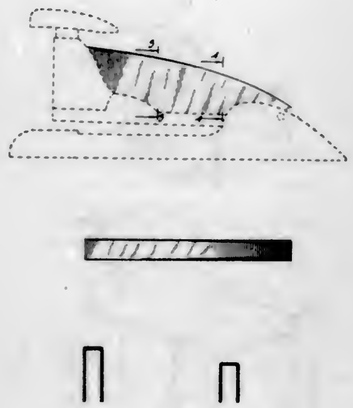
The ornamental design for a stapling machine, substantially as shown and described.

110,797
DESIGN FOR A STAPLING MACHINE
Stephen A. Crosby, New York, N. Y., assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y., a corporation of New York
Original application April 26, 1937, Serial No. D-68,990. Divided and this application March 15, 1938, Serial No. 75,818
Term of patent 14 years



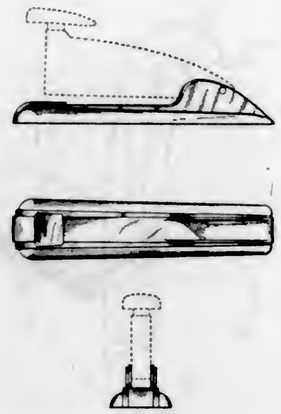
The ornamental design for a stapling machine, substantially as shown and described.

110,798
DESIGN FOR A STAPLING MACHINE
Stephen A. Crosby, New York, N. Y., assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y., a corporation of New York
Original application April 26, 1937, Serial No. D-68,990. Divided and this application March 15, 1938, Serial No. 75,819
Term of patent 14 years



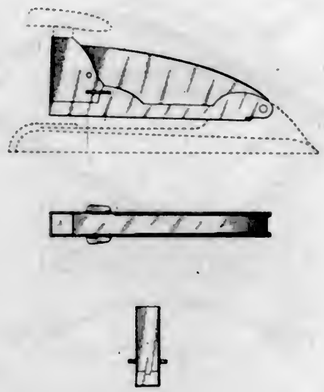
The ornamental design for a stapling machine substantially as shown and described.

110,799
DESIGN FOR A STAPLING MACHINE
Stephen A. Crosby, New York, N. Y., assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y., a corporation of New York
Original application April 26, 1937, Serial No. D-68,990. Divided and this application March 15, 1938, Serial No. 75,820
Term of patent 14 years



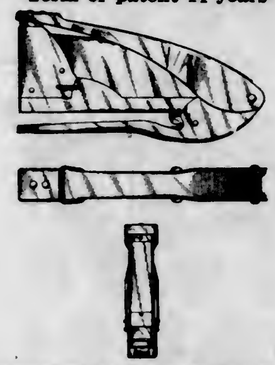
The ornamental design for a stapling machine substantially as shown and described.

110,800
DESIGN FOR A STAPLING MACHINE
Stephen A. Crosby, New York, N. Y., assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y., a corporation of New York
Original application April 26, 1937, Serial No. D-68,990. Divided and this application March 15, 1938, Serial No. 75,821
Term of patent 14 years



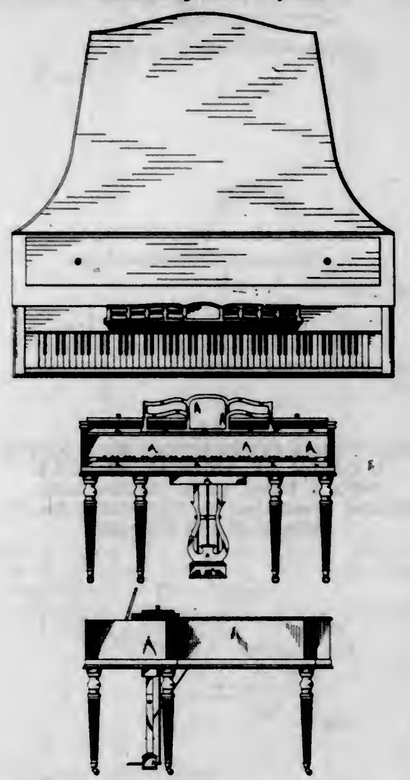
The ornamental design for a stapling machine, substantially as shown and described.

110,801
DESIGN FOR A PLIER
Stephen A. Crosby, New York, N. Y., assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y., a corporation of New York
Application May 4, 1938, Serial No. 76,970
Term of patent 14 years



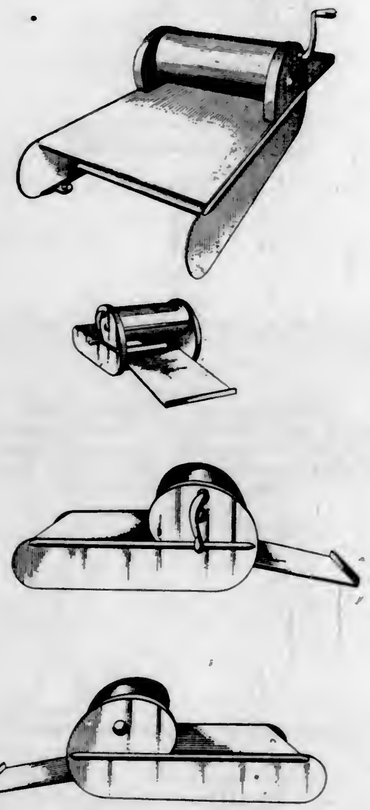
The ornamental design for a plier, substantially as shown.

110,802
DESIGN FOR A PIANO CASE
Wilbur M. Day, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio
Application November 18, 1937, Serial No. 72,992
Term of patent 7 years



The ornamental design for a piano case, as shown.

110,803
DESIGN FOR A DUPLICATOR
Allan V. Ditty, Detroit, Mich., assignor to Rapidex Corporation, Detroit, Mich., a corporation of Michigan
Application June 20, 1938, Serial No. 77,939
Term of patent 7 years



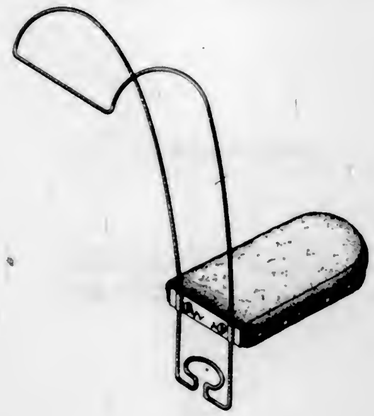
The ornamental design for a duplicator, as shown.

110,804
DESIGN FOR A SUPPORTING BRACKET FOR A SHELF OR SIMILAR ARTICLE
Anita S. Dunn, Cedar Rapids, Iowa
Application September 10, 1937, Serial No. 71,545
Term of patent 3½ years



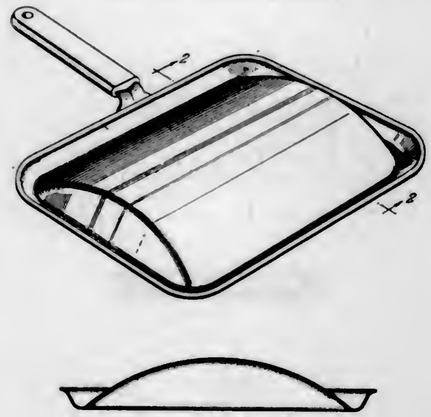
The ornamental design for a supporting bracket for a shelf or similar article, as shown.

110,805
DESIGN FOR A VEHICLE ARM REST
Albert P. Fall, Toledo, Ohio
Application June 15, 1938, Serial No. 77,854
Term of patent 7 years



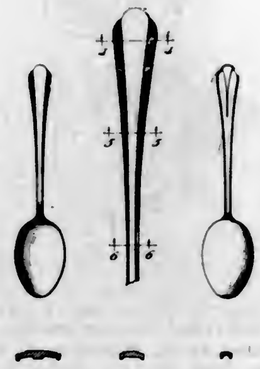
The ornamental design for a vehicle arm rest, substantially as shown and described.

110,806
DESIGN FOR A BACON GRILL
Robert G. Fishel, Evanston, Ill.
Application February 21, 1938, Serial No. 75,306
Term of patent 14 years



The ornamental design for a bacon grill, as shown.

110,807
DESIGN FOR A SPOON OR ANALOGOUS ARTICLE
Alfred J. Flauder, Trumbull, Conn., assignor to Weidlich Sterling Spoon Co., Bridgeport, Conn., a partnership consisting of Louis Weidlich, Frank B. Weidlich, and William Weidlich
Application November 17, 1937, Serial No. 72,970
Term of patent 7 years



The ornamental design for a spoon or analogous article, substantially as shown and described.

110,808
DESIGN FOR A HEATER
Charles F. Gatons and Lawrence J. Hausser, Joliet, and Herman H. Heidbreder, Quincy, Ill., assignors to The Moore Corporation, Joliet, Ill., a corporation of Delaware
Application January 27, 1938, Serial No. 74,590
Term of patent 3½ years



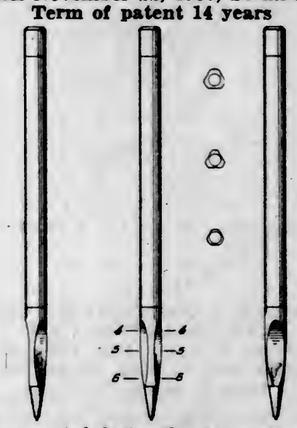
The ornamental design for a heater, as shown and described.

110,809
DESIGN FOR A TEXTILE FABRIC
Corinne C. Half, Pittsburgh, Pa.
Application January 13, 1938, Serial No. 74,272
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

110,810
DESIGN FOR A PENCIL OR THE LIKE
David Kahn, Woodcliff, N. J., assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J., a corporation of New Jersey
Application November 22, 1937, Serial No. 73,110
Term of patent 14 years



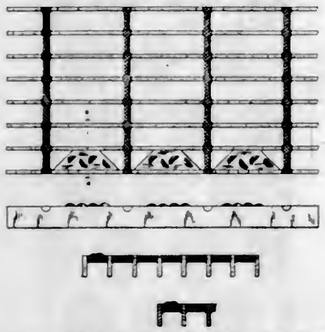
The ornamental design for a pencil or the like, as shown and described.

110,811
DESIGN FOR A SHOE
John S. Kent, Jr., Brockton, Mass., assignor to M. A. Packard Company, Brockton, Mass., a corporation of Massachusetts
Application June 25, 1938, Serial No. 78,057
Term of patent 3½ years



The ornamental design for a shoe, as shown and described.

110,812
DESIGN FOR A STAIR TREAD
Leo J. Knapp, Detroit, Mich., assignor to Whitehead & Kales Company, River Rouge, Mich., a corporation of Michigan
Application May 5, 1938, Serial No. 77,018
Term of patent 14 years



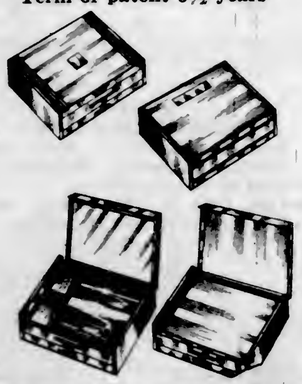
The ornamental design for a stair tread, substantially as shown.

110,813
DESIGN FOR A ROUGE CONTAINER
Florence N. Lewis, New York, N. Y.
Application February 4, 1938, Serial No. 74,864
Term of patent 3½ years



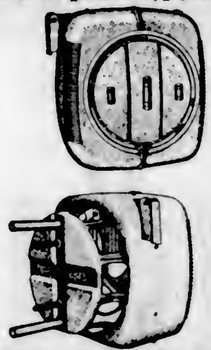
The ornamental design for a rouge container, as shown.

110,814
DESIGN FOR A COMBINATION COMPACT AND CIGARETTE CASE
Florence N. Lewis, New York, N. Y.
Application May 5, 1938, Serial No. 77,006
Term of patent 3½ years



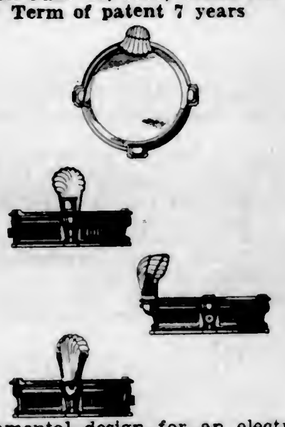
The ornamental design for a combination compact and cigarette case, as shown and described.

110,815
DESIGN FOR AN AUTOMOBILE HEATER
Raymond Loewy, New York, N. Y., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn., a corporation of Delaware
Application August 16, 1937, Serial No. 71,128
Term of patent 3½ years



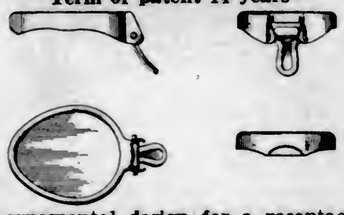
The ornamental design for an automobile heater, substantially as shown.

110,816
DESIGN FOR AN ELECTRIC LAMP STAND FOR DIAL TELEPHONES
Louis Ludwig, Brooklyn, N. Y.
Application June 16, 1938, Serial No. 77,865
Term of patent 7 years



The ornamental design for an electric lamp stand for dial telephones, as shown.

110,817
DESIGN FOR A RECEPTACLE CLOSURE CAP
Carl McQuinn, Decatur, Ill., assignor to Williams Sealing Corporation, Decatur, Ill., a corporation of Illinois
Application April 6, 1938, Serial No. 76,333
Term of patent 14 years



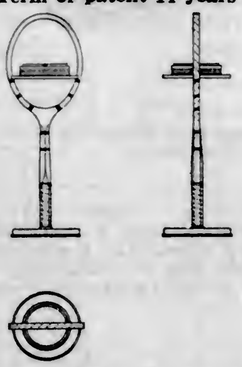
The ornamental design for a receptacle closure cap, substantially as shown.

110,818
DESIGN FOR A SHOE
Henning Odencrants, St. Louis, Mo., assignor to Valley Shoe Corporation, St. Louis, Mo., a corporation of Missouri
Application November 8, 1937, Serial No. 72,679
Term of patent 3½ years



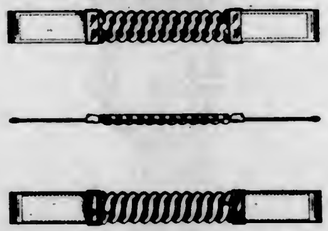
The ornamental design for a shoe, substantially as shown and described.

110,819
DESIGN FOR A SMOKING STAND
John A. Phillips, Englewood, N. J.
Application June 14, 1938, Serial No. 77,830
Term of patent 14 years



The ornamental design for a smoking stand, substantially as shown.

110,820
DESIGN FOR A WATCH BRACELET OR THE LIKE
La Roy E. Pitman and Lawrence P. Keeler, Attleboro, Mass., assignors to Pitman & Keeler, a partnership composed of La Roy E. Pitman and Lawrence P. Keeler, Attleboro, Mass.
Application June 1, 1938, Serial No. 77,480
Term of patent 7 years



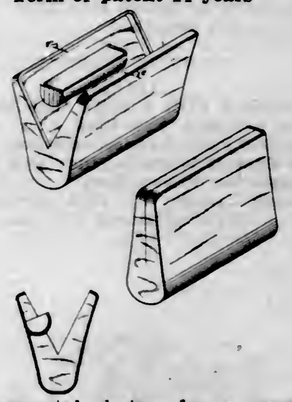
The ornamental design for a watch bracelet or the like, substantially as shown.

110,821
DESIGN FOR A SHOE
David F. Quigley, Brockton, Mass.
Application June 15, 1938, Serial No. 77,855
Term of patent 3½ years



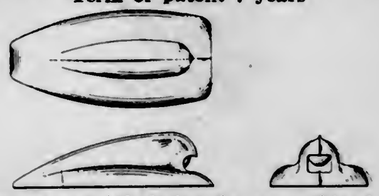
The ornamental design for a shoe, substantially as shown.

110,822
DESIGN FOR A COMBINATION HANDBAG AND DOLL HOLDER
Louis Schumacher, Brooklyn, N. Y.
Application April 25, 1938, Serial No. 76,741
Term of patent 14 years



The ornamental design for a combination handbag and doll holder, substantially as shown and described.

110,823
DESIGN FOR A COMBINED LIGHT AND COVER PLATE FOR ELECTRIC RAZORS
Joseph M. Schumann, Manhattan Beach, Calif.
Application June 8, 1938, Serial No. 77,676
Term of patent 7 years



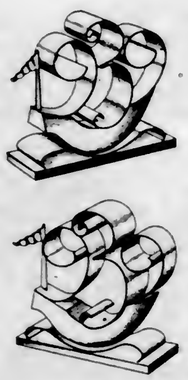
The ornamental design for a combined light and cover plate for electric razors, as shown.

110,824
DESIGN FOR A SHOE
Ben Solnit, Los Angeles, Calif.
Application May 11, 1938, Serial No. 77,110
Term of patent 3½ years



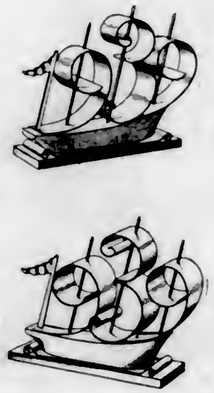
The ornamental design for a shoe, substantially as shown and described.

110,825
DESIGN FOR A SHIP ORNAMENT
Abraham Solomon, New York, N. Y., and Eugene Volynkine, Paris, France, assignors to National Silver Deposit Ware Co. Inc., New York, N. Y., a corporation of New York
Application January 27, 1938, Serial No. 74,592
Term of patent 3½ years



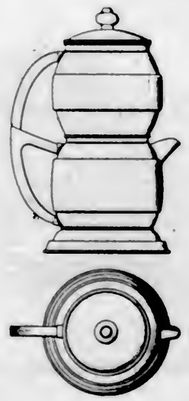
The ornamental design for a ship ornament, substantially as shown.

110,826
DESIGN FOR A SHIP ORNAMENT
Abraham Solomon, New York, N. Y., and Eugene Volynkine, Paris, France, assignors to National Silver Deposit Ware Co. Inc., New York, N. Y., a corporation of New York
Application January 27, 1938, Serial No. 74,593
Term of patent 3½ years



The ornamental design for a ship ornament, substantially as shown.

110,827
DESIGN FOR A COFFEEPOT
Frank Spina, New Kensington, Pa.
Application May 13, 1938, Serial No. 77,177
Term of patent 3½ years



The ornamental design for a coffeepot, as shown.

110,828
DESIGN FOR A SPOON OR SIMILAR ARTICLE
Frank S. Trumbull, Providence, R. I.
Application July 2, 1938, Serial No. 78,245
Term of patent 3½ years



The ornamental design for a spoon or similar article, substantially as shown.

110,829
DESIGN FOR A DRESS
Anna Wexler, New York, N. Y.
Application June 21, 1938, Serial No. 77,963
Term of patent 3½ years



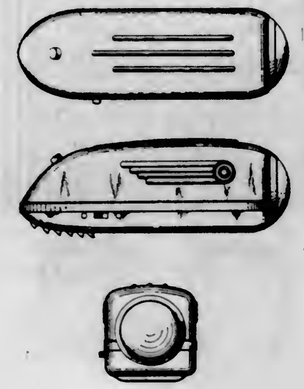
The ornamental design for a dress, substantially as shown and described.

110,830
DESIGN FOR A BOTTLE
Georges Wilmet, Roslyn, N. Y., assignor to The Revlon Nail Enamel Corporation, New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,773
Term of patent 7 years



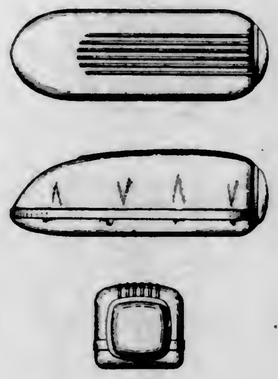
The ornamental design for a bottle, as shown.

110,831
DESIGN FOR A COMBINED LAMP AND HORN
William C. Crimmins, Marion, Ind., assignor to Delta Electric Company, Marion, Ind., a corporation of Indiana
Application June 21, 1938, Serial No. 77,976
Term of patent 7 years



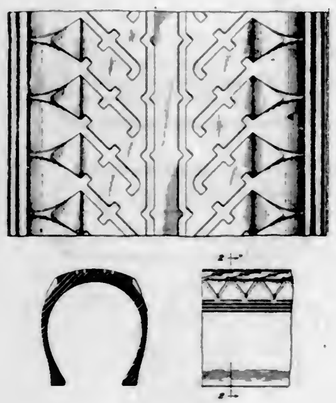
The ornamental design for a combined lamp and horn, substantially as shown.

110,832
DESIGN FOR A LAMP
William C. Crimmins, Marion, Ind., assignor to Delta Electric Company, Marion, Ind., a corporation of Indiana
Application June 21, 1938, Serial No. 77,977
Term of patent 7 years



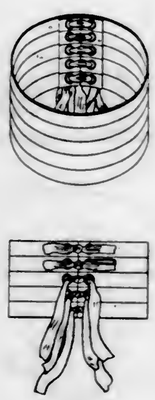
The ornamental design for a lamp substantially as shown.

110,833
DESIGN FOR A TIRE
Irving Jay Fain, Providence, R. I.
Application October 2, 1937, Serial No. 71,923
Term of patent 3½ years



The ornamental design for a tire, as shown.

110,834
DESIGN FOR A HAT
William Getman, New York, and Morris Meisels, Bronx, N. Y.
Application March 29, 1938, Serial No. 76,156
Term of patent 3½ years



The ornamental design for a hat, as shown and described.

110,835
DESIGN FOR A DRESS
Margaret Michelson, New York, N. Y.
Application July 16, 1938, Serial No. 78,525
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

110,836
DESIGN FOR A COAT
Jack Schumer, New York, N. Y.
Application June 29, 1938, Serial No. 78,129
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

110,837
DESIGN FOR A COAT
Jack Schumer, New York, N. Y.
Application July 6, 1938, Serial No. 78,302
Term of patent 3½ years



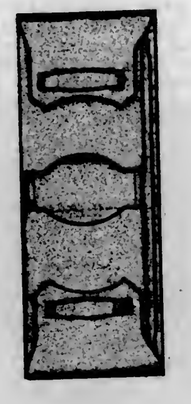
The ornamental design for a coat, substantially as shown and described.

110,838
DESIGN FOR A COAT
Jack Schumer, New York, N. Y.
Application July 6, 1938, Serial No. 78,303
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

110,839
DESIGN FOR A BILLFOLD
Samuel Smallman, New York, N. Y.
Application May 20, 1938, Serial No. 77,291
Term of patent 3½ years



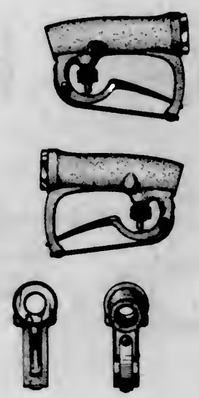
The ornamental design for a billfold, substantially as shown and described.

110,840
DESIGN FOR A GLOVE
Irwin Steinberger, New York, N. Y., assignor to Aris Gloves, Inc., New York, N. Y., a corporation of California
Application March 10, 1938, Serial No. 75,740
Term of patent 3½ years



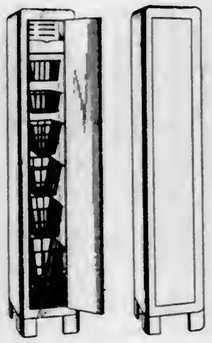
The ornamental design for a glove, substantially as shown and described.

110,841
DESIGN FOR A MANUAL CONTROL DISPENSING NOZZLE
John H. Tobler, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application March 5, 1938, Serial No. 75,624
Term of patent 14 years



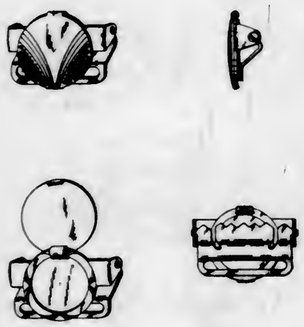
The ornamental design for a manual control dispensing nozzle, substantially as shown.

110,842
DESIGN FOR A FRUIT AND VEGETABLE CONDITIONER CABINET
Frank R. West, Detroit, Mich.
Application March 2, 1938, Serial No. 75,536
Term of patent 14 years



The ornamental design for a fruit and vegetable conditioner cabinet, substantially as shown and described.

110,843
DESIGN FOR A SUSPENDER BUCKLE-LOCKET
Chester Buchsbaum, Chicago, Ill.
Application June 30, 1938, Serial No. 78,176
Term of patent 3½ years



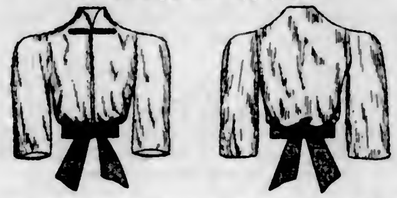
The ornamental design for a suspender buckle-locket, as shown.

110,844
DESIGN FOR A DRESS
Alice Engel, New York, N. Y.
Application July 11, 1938, Serial No. 78,389
Term of patent 3½ years



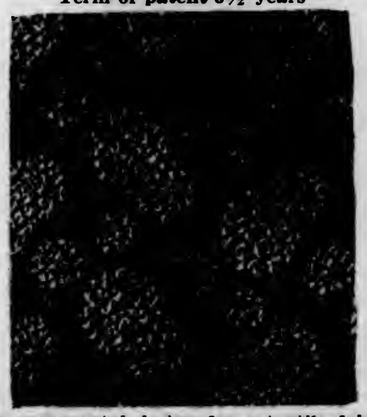
The ornamental design for a dress, substantially as shown.

110,845
DESIGN FOR A FUR JACKET
Simon Etkin, New York, N. Y.
Application June 14, 1938, Serial No. 77,825
Term of patent 3½ years



The ornamental design for a fur jacket, substantially as shown, and described.

110,846
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
August Hafner, Whitestone, Long Island, N. Y.
Application June 6, 1938, Serial No. 77,595
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

110,847
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
August Hafner, Whitestone, Long Island, N. Y.
Application June 25, 1938, Serial No. 78,082
Term of patent 3½ years



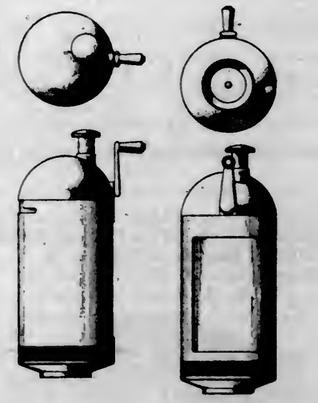
The ornamental design for a textile fabric or similar article, as shown and described.

110,848
DESIGN FOR A COMBINED COAT AND CAPE
Roy W. Hill, Chicago, Ill.
Application January 28, 1938, Serial No. 74,683
Term of patent 14 years



The ornamental design for a combined coat and cape, as shown.

110,849
DESIGN FOR A DOUGHNUT FORMING APPARATUS
Rudolph F. Petzelt, Chicago, Ill., assignor to Master Doughnut Machine Company, Chicago, Ill., a corporation of Illinois
Application May 14, 1938, Serial No. 77,197
Term of patent 14 years



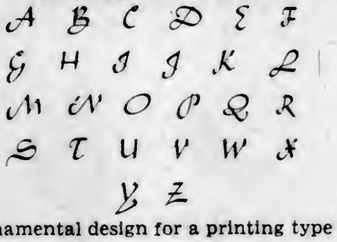
The ornamental design for a doughnut forming apparatus, as shown.

110,850
DESIGN FOR A SHOE
Rocco Frank Rossi, Cambridge, Mass., assignor to A. R. Hyde and Sons Co., Cambridge, Mass., a corporation of Massachusetts
Application March 10, 1938, Serial No. 75,731
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

110,851
DESIGN FOR A PRINTING TYPE FONT
Frederick H. Ernst Schneidler, Stuttgart, Germany, assignor to The Bauer Type Foundry, Inc., New York, N. Y., a corporation of New York
Application November 13, 1937, Serial No. 72,847
Term of patent 3½ years



The ornamental design for a printing type font, as shown.

110,852
DESIGN FOR A SWEATER ENSEMBLE
Morris Simon, Brooklyn, N. Y.
Application June 9, 1938, Serial No. 77,686
Term of patent 3½ years



The ornamental design for a sweater ensemble, substantially as shown and described.

110,853
DESIGN FOR A TEXTILE FABRIC
Edith Margaret Swanson, New York, N. Y.
Application June 28, 1938, Serial No. 78,111
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,854
DESIGN FOR A METALLIC STUDDED SMOCKED TEXTILE FABRIC
Joseph Picirilli, New York, N. Y.
Application June 8, 1938, Serial No. 77,664
Term of patent 3½ years



The ornamental design for a metallic studded smocked textile fabric, substantially as shown and described.

Patents Nos. 2,126,696 to 2,127,491

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August 16, 1938

Trade-Marks	113—No.	359,331 to No.	359,443, inclusive.
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Labels	43—No.	51,606 to No.	51,648, inclusive.
Labels Renewed	2		
Prints	47—No.	16,965 to No.	17,011, inclusive.
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Patents	796—No.	2,126,696 to No.	2,127,491, inclusive.
Designs	97—No.	110,855 to No.	110,951, inclusive.
Total	1,125		

Disclaimers

Re. No. 18,357.—*William R. Howard*, Washington, D. C. PROCESS FOR TREATING HYDROCARBONS. Patent dated February 23, 1932. Disclaimer filed July 22, 1938, by the patentee; the assignee, *Universal Oil Products Company*, approving and concurring.

Hereby enters this disclaimer to the subject matter constituting claims 11, 12, and 13 of said reissue patent.

1,990,453.—*Walter J. Hund* and *Ludwig Rosenstein*, San Francisco, Calif. PROCESS AND PRODUCTS RELATING TO IMIDOLS. Patent dated February 5, 1935. Disclaimer filed July 22, 1938, by the assignee, *Shell Development Company*.

Hereby disclaims and enters this disclaimer to all of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 14, 15, 16, and 17 of said Letters Patent.

Also disclaims and enters this disclaimer to as much of claim 11 as is in excess of the following:

A process for preparing imido alkylols and other valuable products which comprises reacting a member of the class consisting of carboxylic acid anhydrides with a sufficient amount of an alkylolamine, other than a tertiary alkylolamine, at an elevated temperature to form a substitution product and subsequently recovering an imido alkylol.

Interference Notice

U. S. PATENT OFFICE, *Washington, D. C., July 19, 1938.*

Frank S. Lyndall, his assigns or legal representatives, take notice:

An interference has been declared by this Office between the application of Standard Oil Company of New Jersey, 100 West Tenth Street, Wilmington, Del., for registration of a trade-mark, and trade-mark registered January 12, 1926, No. 207,887, to Frank S. Lyndall, 2005–07–09 South State Street, Chicago, Ill. A notice of such proceeding sent by registered mail to said Lyndall at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Frank S. Lyndall, his assigns or legal representatives shall enter an appearance within thirty days from the first publication of this order, the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., July 29, 1938.*

P. Centemeri & Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Bernstein & Sons Shirt Corp., 200 Fifth Avenue, New York, N. Y., to effect the cancellation of trade-mark registration No. 185,074, issued June 3, 1924, to P. Centemeri & Co., 334 Fourth Avenue, New York, N. Y., and a notice of such proceeding sent by registered mail to said P. Centemeri & Co. at said address having been returned by the post office as undeliverable, notice is hereby given that unless said P. Centemeri & Co., its assigns or legal representatives, shall enter an appearance within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Adjudicated Patents

(D. C. N. Y.) Appell patent, No. 1,272,353, for automatic toy pistol, claims 1, 2, 4, and 8 *Held* valid and infringed. *Cookson* v. *Louis Marx & Co.*, 23 F. Supp. 615.

(C. C. A. Mich.) Goodrich patent, No. 1,285,129, for multi-cylinder engine, claims 1, 2, and 3 *Held* valid but not infringed. *Goodrich* v. *Ford Motor Co.*, 97 F.(2d) 427.

(D. C. N. Y.) Daspit patent, No. 1,863,438, for toy machine gun *Held* invalid. *Cookson* v. *Louis Marx & Co.*, 23 F. Supp. 615.

(C. C. A. N. Y.) Lind and Feigenbaum patent, No. 1,995,187, for collar, neckband, or other garment part, *Held* invalid. *Aero Neck-Band & Collar Co.* v. *Beaver Mfg. Co.*, 97 F.(2d) 363.

Condition of Applications Under Examination at Close of Business July 30, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 49,246; Trade-Mark Division 1,404. Oldest new case, Nov. 9, 1937; oldest amended, Nov. 12, 1938.)
(The dates given are 1938 except where † indicates 1937.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Feb. 24	Feb. 28	826
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Feb. 14	Feb. 23	1,034
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	May 6	Apr. 25	553
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 1	Apr. 6	545
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Apr. 16	Apr. 23	668
4808C	6. LEWERS, A. M., Carbon Chemistry (part)	Feb. 25	Feb. 18	1,127
5725	7. JARBOE, C. G., Optics; Photography	Apr. 14	Apr. 14	945
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Apr. 6	Apr. 26	703
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	May 3	May 3	434
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Mar. 14	Mar. 19	805
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Apr. 9	Apr. 11	551
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Dec. 23	†Dec. 23	1,106
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 12	Mar. 14	554
5097	14. Smith, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	May 11	May 6	550
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Mar. 27	Mar. 27	1,361
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 23	Feb. 19	982
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Mar. 10	Mar. 7	855
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Mar. 9	Mar. 10	585
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 24	Mar. 21	720
6606	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	May 4	May 2	441
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	May 3	May 4	488
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Apr. 21	Apr. 21	673
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 9	†Nov. 12	340
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Apr. 30	May 5	660
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Apr. 11	Apr. 12	643
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Mar. 31	Mar. 30	586
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Jan. 28	Jan. 28	1,160
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Apr. 18	Apr. 18	423
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 14	Jan. 14	1,124
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 9	Feb. 14	823
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Apr. 30	Apr. 30	623
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Apr. 16	Apr. 18	606
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Apr. 28	Apr. 15	901
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Apr. 18	Apr. 8	386
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Mar. 23	Apr. 2	802
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Feb. 19	Feb. 28	618
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Feb. 3	Jan. 24	963
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Jan. 13	†Dec. 29	921
4878	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Mar. 24	Mar. 23	668
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Feb. 26	Feb. 26	1,554
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 11	Apr. 1	315
5882	42. CUTTING, H. O., Electric Signaling	Jan. 8	†Dec. 14	825
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 8	Mar. 30	728
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Mar. 4	Mar. 5	763
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 24	Mar. 30	814
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Mar. 30	Mar. 30	580
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Mar. 28	Mar. 21	702
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Apr. 8	Apr. 8	519
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 17	Jan. 12	1,034
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 11	Apr. 11	821
5628	51. BACKUS, C. D., Radiant Energy	Apr. 21	Apr. 19	812
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Apr. 20	Apr. 25	864
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Mar. 25	Apr. 4	772
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	May 25	May 23	443
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 1	Feb. 26	1,173
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Mar. 1	Mar. 1	1,125
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horse-shoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 11	Mar. 28	504
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Mar. 24	Mar. 21	438
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Mar. 9	Mar. 5	740
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Mar. 22	Mar. 22	572
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 12	Feb. 16	763
5621	62. PUGH, E. C., Games; Geometrical Instruments	Apr. 21	Apr. 28	592
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	May 4	May 16	346
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 10	Mar. 10	1,193
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 12	Feb. 4	722
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND (Trade-Marks	June 6	July 12	1,259
	(Labels and Prints	July 21	July 22	145
2605	Designs: H. H. KALUPY	June 20	July 12	747

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

In re Breer

No. 3,907. Decided February 28, 1938

[94 F.(2d) 990]

Patentability—Vehicles.

Claims relating to an alleged improvement in the riding qualities of vehicles *Held* unpatentable over the prior art.

Appeal from Patent Office. Affirmed.

Mr. Charles M. Thomas, Mr. Francis D. Thomas, Mr. J. King Harness and *Mr. Frederick H. Lind* for Breer.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

Garrett, *P. J.:*

Appellant by appeal brings before us for review a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner rejecting thirteen claims, being all the claims, of an application for patent relating to an alleged improvement in the riding qualities of vehicles.

The claims are numbered, respectively, 13 to 15, inclusive, and 20 to 29, inclusive. Nos. 13, 20, and 25 seem fairly illustrative of the subject matter. These read:

13. In combination, a vehicle having front and rear wheels and a substantially rigid sprung mass supported thereon by relatively stiff front springs and relatively soft rear springs, said sprung mass being so distributed with respect to said springs as to produce a natural oscillation frequency of the front end of the sprung mass of less than a hundred cycles per minute.

20. In combination, a vehicle having front and rear wheels and a substantially rigid sprung mass supported thereon by means of relatively stiff front springs and relatively soft rear springs, the center of gravity of said sprung mass being disposed at a point spaced from the effective point of application of the rear springs a distance between 53% and 59% of the distance between the effective points of application of the front and rear springs.

25. In combination, a vehicle having front and rear wheels, relatively stiff springs associated with said front wheels and relatively soft springs associated with said rear wheels, and a relatively rigid sprung mass supported front and rear by said stiff and soft springs, the weight of said sprung mass being so disposed with respect to said springs as to produce a natural oscillation frequency of the front end of said mass of between ninety and one hundred cycles per minute and a natural oscillation frequency of the rear end of said mass of less than one hundred cycles per minute and so as to produce a center of percussion with respect to an axis of rotation disposed in a vertical plane passing through the front spring center which will substantially coincide with the vertical plane of the rear spring center and a center of percussion with respect to an axis of rotation disposed in a vertical plane passing through the rear spring center will substantially coincide with the vertical plane of the front spring centers.

Appellant's alleged invention resides in his distribution, claimed to be novel, of the weight of the parts of the vehicle. The following taken from the specification gives a general description of the arrangement:

It should be noted, however, that by placing the engine, the unit of greatest concentrated weight, much farther forward than is customary, and by shifting other units, such as the battery and spare tire, from the center of the car to the rear end thereof, I have materially increased the moment of inertia opposing any forces applied to the sprung unit by the springs when the wheels receive an impact from the road surface. In the car illustrated, the center of gravity is disposed at a distance from the centers of the rear springs equal to approximately 56% of the wheel base, although any point within the range of 53% to 59% appears to produce a material improvement in riding qualities. Also, in the car illustrated, a sufficient number of the units employed in the car are shifted towards the ends of the sprung mass or unit that the center of percussion of the sprung unit with respect to an axis of rotation disposed in the vertical plane passing through the rear spring center is disposed approximately in the vertical plane passing through the center of application of the front springs and, likewise, the center of percussion of the sprung unit with respect to an axis of rotation disposed in the vertical plane passing through the front spring center will substantially coincide with the vertical plane passing through the center of application of the rear springs.

The argument presented before us seems to have followed quite closely that presented before the Board and summarized in its decision as follows:

Applicant emphasizes that by advancing the load of the complete vehicle exclusive of the axles or unsprung parts forwardly and by using relatively stiff front springs and soft rear springs and by distributing the load as much as possible into two zones at the ends of the body of the vehicle in a manner broadly comparable to a dumb-bell formation and so proportioning the parts that the center of percussion of application of shocks by the axles may bear to the axis of rotation of the body, the relation set forth and as included in claim 25, together with the other features of the other claims, greater riding comfort may be secured. It is emphasized that such structure is so proportioned as to have a natural period of swing or oscillation of less than 100 cycles per minute. Applicant also sets forth certain relations between the center of gravity of the body and the structural center of the distance between the axles as claimed and worded in claim 20. Applicant claims to have discovered that if the oscillation frequency be reduced to or below that of the natural swing of the human body in walking, fatigue caused by riding will be greatly minimized or eliminated.

Two of the reference patents cited by the Examiner were rejected as references by the Board. The two remaining patent references are: Jaray, 1,631,269, June 7, 1927; Windberger, 1,936,318, November 21, 1933.

The Examiner also cited "Motor Vehicles and Tractors," by P. M. Heldt, quoting therefrom as follows:

The deflection of front springs is purposely kept small, because a large deflection of these springs makes the steering erratic. * * * In passenger cars the deflection of the front springs under full static load usually lies between 1¼ and 2 inches. Rear springs of passenger cars are * * * made long and flexible. The deflection * * * varies between 4 and 7 inches.

The last named reference is included in the brief filed before us by the Solicitor for the Patent Office, but is not in the list given in the Board's decision, nor is it referred to in that decision. The article, except as above quoted, is not contained in the record, nor do the briefs on behalf of appellant (a reply brief having been permitted by the court) make any reference to it. As we understand it, the matter was cited merely to show that the use of "relatively stiff front springs and relatively soft rear springs" is conventional, a fact which is conceded.

The Examiner apparently rejected all of the appealed claims upon the patent to Jaray. Claims 13, 14, and 15 were rejected also upon the patent to Windberger. As to claims 13, 14, 15, 25, 28, and 29 an additional ground of rejection was applied, the Examiner saying in his statement following the appeal to the Board:

Claims 13, 14, and 15 are under rejection as indefinite for failure to comply with the requirements of Sec. 4888 of the Revised Statute. These claims do not define any

relation of parts on the motor vehicle to obtain the results desired. Each of the claims merely recites a conventional vehicle having front and rear wheels and a sprung mass supported on the wheels by means of springs. The mass is then defined to be "so distributed" with respect to the springs as to produce "natural oscillation frequencies" of the sprung mass of less than one hundred cycles per minute. It is maintained that these claims merely incorporate the theory underlying applicant's structure and define nothing more than the object of applicant's invention.

Claims 25, 28, and 29 are under rejection on the same grounds. These claims add to the function recited in claims 13, 14, and 15 the characteristic that the weight distributed is such as to make the centers of percussion coincide with the spring centers. As in the other claims, it is deemed that these expressions do no more than incorporate the theory developed by applicant which is not a subject of invention.

Each of the foregoing grounds was specifically approved by the Board. Appellant filed a petition for reconsideration, accompanying same with a number of affidavits. The petition was denied in a brief decision wherein it was said:

We have considered the further remarks and showing in connection with the petition without finding reason for changing our conclusions. In affirming the Examiner's rejection on Jaray and on Windberger we recognized that these patents do not specifically discuss the particular theory and claimed results set forth by applicant but we hold that patentably equivalent results are necessarily inherent in the structures shown. We are not convinced by the affidavits that such holding is unwarranted or in error.

The primary object of Jaray seems to have been the production of a type of so-called stream-lined automobile. It is shown in drawings with description of details in the specification. One drawing shows a motor at the front end substantially over the front axle; another shows the motor to the rear of the front axle. No springs are shown in the drawings but the specification defines their location and arrangement. At the rear of the car, space is provided for baggage, spare parts, and, if desired, a storage battery. In comparing Jaray's structure with that of appellant, the Board states:

We find in the patent to Jaray (Fig. 1) a structure which we believe prevents the allowance of any of the claims on appeal. Jaray shows in that figure a location of the engine which appears identical with that shown by applicant and Jaray states that the space back of the rear axle may be used for baggage, spare parts, which would include a spare tire as shown, and even the battery, identically like applicant's distribution of the shiftable load into two parts to the extreme front and rear of the swung body. The position of passengers in Jaray's machine appears identical with that in applicant's showing. * * *

The patent to Windberger discloses an automobile structure having a motor at the back of the rear axle with fuel tank, radiator, differential and change-speed gears disposed at the front. The Board points out that these latter establish a—

"distinct center of mass on the front axle."

The Windberger specification teaches that—

"The arrangement may alternatively be such that the radiator and even the petrol tank are also arranged in front * * *."

Neither of the cited patents makes disclosure of a purpose or result such as appellant discloses. Neither contains any discussion of the location of the center of gravity or the centers of percussion and the effects of such location. It was conceded by both tribunals of the Patent Office that neither patentee described the result or "theory" set forth with much particularity in appellant's application. The holding, in substance, is that the results are inherent in the actual structures which the patents do show.

We have examined with care the several affidavits filed in connection with the petition for rehearing before the Board. They do not seem to us to establish any material fact not conceded by both the Examiner and the Board, and do not, in our opinion, negative the inherency in the patent structures of the functions which appellant claims, either broadly as in some of the claims, or in limited degree as in others.

We are not convinced that there was error in holding all the claims rejectable on the prior art. Under this view, there is no necessity of our discussing the objections to claims 13, 14, 15, 25, 28, and 29 on the ground of their functionality.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE PAPENFUS

No. 3,909. Decided February 28, 1938

[94 F.(2d) 816]

PATENTABILITY—PLASTIC COMPOSITION.

Claims for a plastic composition *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. Felix A. Russell and *Mr. Fred H. Miller* for Papenfus.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.:*

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner rejecting certain claims of appellant's application for patent for a plastic composition.

In the record before us there are 10 claims printed as rejected claims in conformity with paragraph 3 of our Rule XXVI. These are numbered, respectively, 1 to 4, inclusive, and 7 to 12, inclusive. Two other claims numbered, respectively, 5 and 6 seem to have been in the case during its prosecution in the Patent Office, but the text of these does not appear anywhere in the record. In the final action of the Examiner it was said,

"* * * the rejection of claims 1–4 and 7–12 is repeated and made *final.*"

In appellant's appeal to the Board it was said,

"The applicant hereby appeals * * * from the decision of the Principal Examiner in finally rejecting *all* the claims in this case." [Italics ours.]

The Examiner's statement following the appeal, however, recites,

"The applicant appeals from the final rejection of claims 1 to 4 and 7 to 12. Claims 5 and 6, a non-elected species, are retained in the case pending final disposition of the generic claims."

In the opening paragraph of the decision of the Board it was said, "This is an appeal from the final rejection of claims 1 to 4, inclusive, and 7 to 12, inclusive," but at a later point in the decision we find the following:

Applicant has included claims 5 and 6 in his appeal. These claims are for a different specific composition than the other specific claims, being directed to the use of a specific phosphate instead of gypsum. While technically, applicant has no right to have these claims considered here, we regard the phosphate as a mere equivalent of the gypsum and a well known fire-proofing agent. There is no disclosure here that the action of the phosphate is critical in any way or that it operates differently than the gypsum except in a manner which is well known in the fireproofing art.

The foregoing amounts to a holding that claims 5 and 6 are, in the opinion of the Board, unpatentable.

The first and second assignments of error in the appeal to us read:

1. That the Board of Appeals erred in affirming the Examiner in rejecting all the claims, 1 to 12, inclusive, in the case.

2. That the Board of Appeals erred in not allowing all the claims in the case.

In the brief of the Solicitor for the Patent Office it is said:

In appellant's notice of appeal it would appear that claims 5 and 6 were brought before the court. The Board of Appeals pointed out that technically applicant had no right to have these claims considered. The Board of Appeals, however, did consider them and ruled that they were unpatentable. The Board of Appeals having made such a ruling technically, at least, it would therefore appear that appellant would have a right of appeal to the court as to claims 5 and 6. * * *

The Solicitor's brief, however, directs attention to the fact that appellant's brief (there being no appearance before use for oral argument on appellant's behalf) does not quote claims 5 and 6 and makes no reference to them.

It may be added that by permission of the court a reply brief was filed on behalf of appellant and in this no reference of any nature was made to those claims.

Upon the foregoing state of facts we do not regard claims 5 and 6 as being before us for any character of adjudication, nor do we here express any opinion as to their status.

Our consideration will be confined to claims 1–4 and 7–12.

Claim 1 is illustrative of the subject matter:

1. A putty-like plastic composition comprising nitrocellulose in solution containing a volatile liquid, finely divided cellulose filler, and a powdered inert filler containing water of crystallization, the filler being of such proportion as to harden upon mere exposure to air to substantially the rigidity or solidity of wood.

The limitations contained in the other claims do not require separate consideration.

The references cited are: Bachrach, 743,422, November 10, 1903; Balke et al., 1,468,222, September 18, 1923; Johnson (Brit.), 296,796, September 10, 1928; Kritchevsky et al., 1,759,907, May 27, 1930; Ellis, 1,784,803, December 9, 1930; Griffiths, 1,838,618, December 29, 1931; Walsh et al., 1,899,542, February 28, 1933.

Appellant's specification states:

In particular, the composition contains an inert, inorganic filler containing water of crystallization which is the fire resistant agent, which, combined with other ingredients, causes the composition to set and harden uniformly and quickly, completely filling the cavities or molds without shrinkage on hardening.

Elsewhere the specification states that the base of the composition consists of a nitrocellulose solution, to which is added a filler consisting in the main of gypsum, or, in place thereof, "calcium ammonium phosphate, or any other inert, inorganic filler containing water of crystallization."

In his briefs appellant has placed great emphasis upon the non-shrinking quality of the composition. This quality or characteristic is not mentioned in any of the claims, but in the specification it is said:

It should be noted that gypsum forms the major part of the filler. It is this ingredient that imparts the fire-proofing quality to the composition for the reason that the gypsum contains water of crystallisation and when subjected to a flame the water being dropped off in the form of steam acts as a fire retarding agent. In addition, gypsum will cause the composition to harden more uniformly and also to prevent the shrinking of the same on hardening, filling completely the molds or recesses filled with the composition.

In discussing the references the Examiner stated:

Balke et al. are concerned with the making of a vulcanite like material, including nitrocellulose, solvent, plasticizer and filling material which may be gypsum, by mixing in water, kneading until the water is driven off. It is molded at 130° (whether F. or C. is not stated). "The pressed bodies thus obtained have from the beginning the correct dimensions and maintain the same as they do not shrink at all and need not be dried." It should be noted that gypsum fuses at 3–3.5, a temperature range which cannot be attained in the Bunsen burner flame. (According to Dana's Manual of Mineralogy, 1929, pages 91, 92, 320, and 321.)

The Examiner also pointed out that Bachrach discloses a plastic composition "the water of which is retained as water of crystallization" (the feature to which appellant ascribes the result of non-shrinking alleged to have been obtained by him); that Walsh et al., as well as Bachrach and Balke et al., show the use of gypsum; that Ellis, in making a nitrocellulose floor covering, uses calcium sulphate "containing the maximum amount of water of hydration," and that the respective patents to Griffiths, Kritchevsky et al., and Johnson describe compositions in which various inorganic or organic fillers are incorporated, which compositions "harden to the same physical appearance and similar properties as wood."

In the Board's decision it was said:

The Balke et al., Bachrach, and Walsh et al. patents lack the cellulose filler. However, we do not regard the mere use of cellulose filler as novel as it is more or less conventional and applicant lays no stress on this feature which is furthermore shown by Kritchevsky et al. and Griffiths. We believe it is obvious either to add cellulose filler to the Balke et al. composition or to add larger amounts of gypsum to the composition of Griffiths or Kritchevsky et al. * * *

Appellant filed a petition for rehearing before the Board which was denied for reasons stated in a written opinion. A second petition for rehearing was likewise denied, as was a third, except that in the decision on the third petition the Board withdrew a sentence used in its decision on the second. The sentence is not material here.

From the foregoing recital, it is obvious that appellant's application received very thorough consideration by the tribunals of the Patent Office. No argument has been presented here which was not there presented and considered.

It is conceded, of course, that no one reference of itself meets appellant's claims, but it seems perfectly clear to us that there is sufficient shown in the entire art cited to preclude appellant from claiming invention in his composition. The anticipating elements have been set forth above in less detail than they were in the decisions below, but we deem what we have pointed out sufficient to show that the decisions below as to the claims before us were without error.

The decision of the Board of Appeals as to claims 1 to 4, inclusive, and 7 to 12, inclusive, is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE JOHNSON AND CORKILL

No. 3,866. Decided March 7, 1938

[94 F.(2d) 978]

PATENTABILITY—STABLE BORATE AND PROCESS OF PRODUCING SAME.

Claims for the product and claims for a process of producing a stable borate from hydrous boron bearing natural ore *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. Charles E. Riordon and *Mr. C. Russell Riordon* for Johnson et al.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

Appellants have appealed to this court from the decision of the Board of Appeals of the United States Patent Office affirming that of the Examiner which rejected claims 1 to 16, inclusive, 23 to 27, inclusive, and 29 to 46, inclusive. Claims 17 to 22, inclusive, and 28 were previously cancelled.

The claimed invention relates to the product and to a process of producing a stable borate from hydrous boron bearing natural ore. The process comprises first separating impurities from the ore by means of a magnetical and mechanical separator. The purified ore is then heated at a temperature of from 230° to 250° F. which is slightly above the boiling point of water. Appellants' purpose is to obtain a purified and stable borate substantially equivalent to octohedral borax. This borax contains 47.81 per centum B_2O_3 (a borate radical), five molecules of water, and is quite stable. Other hydrous borates contain varying percentages of B_2O_3 and are unstable; that is, they will, under some conditions, dry out and throw off moisture, and under others will absorb moisture. Appellants do not contend they first discovered that octohedral borax is stable. The drawing discloses a machine for performing the process, in which the natural ore is fed from a hopper through a magnetic separator including three successive rotors. There is a hopper for the cleaned borate materials which run from the hopper through a spout into a rotary dryer.

The references relied upon are: Thomas (British), 2,414, of 1879; Rowand, 1,068,453, July 29, 1913; Dutton et al., 1,146,140, July 13, 1915; Rasor, 1,487,806, March 25, 1924; British patent, 330,146, June 5, 1930; British patent, 342,174, January 29, 1931; French patent, 726,813, March 14, 1932.

Claims 1 and 38 are typical, and are as follows:

1. The process of producing a highly purified and concentrated, stable, borate ore from hydrous boron bearing ore which comprises removing, naturally occurring constituents therefrom by first magnetically separating impurities from the borate in the ore, and thereafter separating water of crystallization from the borate to increase the original stability thereof.

38. A highly purified and concentrated, stable borate ore, produced from naturally occurring boron bearing material containing impurities and hydrous borate material having an unstable content of water of crystallization, said stable ore being characterized by the fact that it does not contain in excess of approximately three-tenths of one per cent iron content, that its water content is approximately 10% less than that of the material employed in producing the stable borate ore, and that the apparent density thereof is substantially less than that of the employed material.

Method claims 1, 11, 12, 16, 23 to 27, inclusive, and 29 to 37, inclusive, all involve magnetic separation followed by dehydration, some of the claims showing details of the magnetic separation step and others details of the dehydration step. They were all rejected as unpatentable over the patent to Rasor or British Patent 330,146, in view of the Rowand patent or the French patent.

The Rasor patent discloses a process of, first, calcining colemanite, a borate ore; second, dividing it from its gangue by screening, and then separating the borate from impurities by flotation or other mechanical means.

The French patent and the Rowand patent appear to disclose magnetic separators substantially similar in every detail to the separator which is recited in the claims. The separation of magnetizable matter from other material by means of the magnet, however, is old and well known. It is shown by British Patent 342,174, British Patent 2,414 of 1879, and the Dutton patent.

We can see no force to the argument of appellants in which they urge that—

"There is a big distinction between treatment of iron ore to recover the iron and treatment of hydrous borate mineral ore to eliminate iron impurities, together with mica and shale."

It seems to us that it would make no difference, as far as the issue here is concerned, whether the magnetizable material goes to waste or is saved, so long as the separation takes place.

The British Patent 330,146 discloses dehydration of borate ore. This patent has to do entirely with a process of dehydrating borate dekahydrate ($Na_2B_4O_7.10H_2O$), which is borax with ten molecules of water. The dekahydrate is changed to a monohydrate by passing the material successively through a series of five chambers under controlled conditions of temperature and humidity.

The Board sets out the process of British Patent 330,146 in its opinion, as follows:

Borax * * * is introduced into the first dehydrating chamber and heated from 50 to 100° C., which removes two molecules of water. This product is then dehydrated in the second chamber by heating from 65 to 150° C. to remove two additional molecules of water. In the third chamber two more molecules of water are removed by heating from 125 to 200° C. In the fourth chamber two more molecules of water are removed by heating from 175 to 260° C. In the last chamber one molecule of water is removed by heating from 225 to 325° C. The final product from the last chamber is $Na_2B_4O_7.H_2O$. In all of the chambers the temperature is controlled so that it is always below the melting point of the borax or below the point that the borax goes into solution in the remaining water of crystallization.

It is disclosed in British Patent 330,146 that instead of a series of chambers, a single long chamber may be used. In the use of the single chamber the borax and air are passed from end to end, countercurrent to each other, and the borax subjected to dehydrating conditions from about 1 to 3 hours. In the instant application, a single long chamber is provided for the dehydration. It is not necessary here to translate the centigrade degrees of the British Patent 330,146 into Fahrenheit, since it is by the application of heat that the water of crystallization is reduced by both the process in the patent and the process claimed in the application.

The patent seems to clearly disclose a process of dehydration by which the ore is reduced to a stable condition, as may be seen from the following extract of the patent:

While the process of the present invention is suitable for dehydrating borax to any desired extent so as to secure a borax having less water than the dekahydrate, which contains about 47 per cent of water, the process of the present invention is of special value in dehydrating borax to reduce the percentage of water in the borax to between the limits of 8 per cent and 21 per cent, or to dehydrate the borax so that it possesses less water of crystallization than three molecules and contains at least one molecule of water. [Italics supplied.]

The Board held:

It is obvious from the above that the patentee contemplates dehydrating to any desired degree. Obviously, therefore, this would include dehydrating so as to obtain octohedral borax containing five molecules of water. If dehydration is carried to this extent and stopped, it is obvious that a stable product would be obtained. We do not understand that applicants are the first ones to discover that octohedral borax is stable. Accordingly if that is known and a stable product is desired, the dehydration would obviously be carried to such an extent as to obtain a stable product.

We believe this reasoning to be sound.

British Patent 330,146 deals with commercial borax as its starting material, and, of course, it is only reasonable to assume that this material had been purified from its original composition before entering into the dehydration process of the patent. Appellants contend that the magnetic separation step prior to the dehydration or calcination step is advantageous to the process.

The prior art shows magnetic separation before heating in British Patent 2,414, and in the Dutton patent. This type of separation is shown during heating by British Patent 342,174, and the patent of Rasor discloses mechanical separation after heating. It may be true, as urged by the appellants, that their process of separation may be more economical than that shown in the prior art and it may be that in the operation of the process of appellants' claims more iron may be separated from the ore than in the processes of the references. In this connection the Examiner's decision, affirmed by the Board, held:

It is not apparent that the magnetic separation renders the ore in better condition for the calcination except that it removes a certain portion of the impurities, an obvious advantage which would be equally true of any other purification method. Magnetic separation would have relatively little effect on the main body of the ore as its effect is weak and confined to the magnetizable impurities only. It appears that it would be more advantageous to apply it after calcination than before since the ore would then be in a better condition for separation of impurities (see Rasor, page 1, lines 24–40) but purification either before or after would be merely a question of operative expediency.

Applicant lays some stress on the cheapness of this method of separation and the fact that separation of the iron can be carried so far as to leave less than 0.3 of 1% in the ore. This again is merely the exercise of good judgment on the part of the operator and not invention. Applicants have failed to show that the effects of the separation step as applied to the treatment of a borate ore are in any way unobvious. It is merely the application of an old purification step to a slightly different material.

We are in accord with this holding.

It seems quite clear that the method claims were properly rejected as not presenting invention over British Patent 330,146, in view of the references disclosing magnetic separation.

The Examiner "conceded that the references do not show magnetic separation followed by calcination of a borate material." Appellants argue that, since the process disclosed in their claims is confined to the treatment of hydrous borates, the citation of any reference which may relate to a different material is improper. We cannot agree with this contention. In the case of *In re Williams*, 24 C. C. P. A. (Patents) 861, 1937 C. D. 255, 87 F.(2d) 491, the court said that—

A process does not become patentably new merely because it is applied to a different object or material. *In re Dreyfus*, 20 C. C. P. A. (Patents) 1204, 1933 C. D. 547, 65 F.(2d) 472; *In re Laughlin*, 18 C. C. P. A. (Patents) 1239, 48 F.(2d) 921, 1931 C. D. 469.

It appears, therefore, that British Patent 2,414 of 1879, which disclosed magnetic separation followed by calcination in the treatment of phosphates, is a pertinent reference.

British Patent 330,146 certainly discloses the process of dehydration by the exercise of which borate pentahydrate may be produced. Separation, both magnetical and mechanical, is disclosed by others of the references heretofore discussed. The combination of these references can undoubtedly be made, and, in our opinion, the combination shows that the steps of the process of the application are old, and no invention is involved in joining them.

In the case of *In re Cordes*, 22 C. C. P. A. (Patents) 1158, 1935 C. D. 522, 76 F.(2d) 302, the court said:

In passing upon the patentability of combination claims we have frequently combined references and held that, in view of such references, an alleged new combination would be obvious to one skilled in the art, and hence unpatentable.

* * * * * * *

Therefore the new combination did not require the exercise of the inventive faculty.

Claims 1, 2, 8 to 16, inclusive, 23 to 27, inclusive, and 29 to 37, inclusive, were also rejected on the ground of aggregation. However, due to the views we have set forth, it is unnecessary to discuss this ground.

Product claims 38 to 44, inclusive, were rejected as unpatentable over the product of British Patent 330,146. Appellants contend that—The art of record fails to disclose * * * a stable product resultant from any process.

The process of dehydration in appellants' claims results in the production of sodium borate pentahydrate, a stable product from sodium borate dekahydrate. In other words, from sodium borate ore containing ten molecules of water we take away five molecules of water and have remaining sodium borate ore with five molecules of water. The sodium borate monohydrate produced by the process of the British Patent 330,146, as there disclosed, "retain essentially the same shape and size as those of the originally hydrated material (dekahydrate)". As has been heretofore mentioned, the patentee contemplated dehydrating to any desired stage, and, since the crystals of borate ore retain the same shape and size throughout the process, it seems clear to us that the product of the application could be made by the process of the patent, if the dehydration of the patent were stopped after five molecules of water had been removed, or if six were removed and one reabsorbed. This product would correspond to the pentahydrate product of

appellants' claims, and would necessarily possess the same quality of stability. The removal of the iron content to any desired point is merely one of degree and is obvious.

In the case of *In re Corkill*, 24 C. C. P. A. (Patents) 815, 1937 C. D. 209, 87 F.(2d) 216, this court held that the product, which seems to be substantially identical with the product of the claims herein, "is also fully disclosed by the British patent." (British Patent 330,146.) The chief difference between the product here and that claimed in the case cited would seem to be that the product here is stated to contain not more than three-tenths of one per centum iron. Since the patent tribunals have held, and we agree with the holding, that the removal of the iron content is an obvious expedient, we do not believe the presence or absence of the fraction of iron makes a product of different character in a patent sense. Moreover British Patent 330,146 does not describe any iron in the borax product, so that the claim showing a product containing less than any stated amount of iron could not be said to be patentable over a disclosure which makes no mention of any iron being present. Even if we were to assume that the product of the British Patent 330,146 is not as pure, by reason of the presence of iron, as that claimed by appellants, this cannot, as we view it, render the product of the claim patentable.

The case of *In re Ridgway et al.*, 22 C. C. P. A. (Patents) 1169, 1935 C. D. 533, 76 F.(2d) 602, seems to be determinative here. We said:

> • • • while appellants might be entitled to a patent on a method of purifying alpha alumina, they would not be entitled to a patent on the article alpha alumina, a natural product, merely because of the degree of purity of the article.

Apparatus claims 45 and 46 were not discussed separately by the Examiner nor in the brief of appellants. The Board of Appeals held these claims unpatentable, and we think properly so, for the same reasons it rejected the process claims.

Both of these claims, in substance, set forth a system which comprises series of means for separating, for heating the mineral after separation, for control of temperature, and for recovering the product. It will be seen that they merely set forth means for carrying out the process and are so linked to the process claims as to substantially cover the same subject matter as the process claims. In our opinion they were properly rejected by the Board. The case of *In re Thompson*, 20 C. C. P. A. (Patents) 725, 1933 C. D. 69, 62 F.(2d) 90, cited by the Solicitor, we believe to be applicable, wherein the court quoted, with approval, the following language of the Board of Appeals:

> It is evident that the only difference is that in claim 3 of the patent appellant has set forth a series of steps for doing certain things in succession while in this application the claim merely calls for a series of means for doing the same things in the same successive order. In our opinion there is no substantial difference in the scope of subject-matter covered by the two claims.

We are of opinion that the Board of Appeals committed no error in rejecting appellants' claims here involved, and its decision is, therefore, affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,128,292, E. H. Colpitts, Electric wave amplifier; 1,432,022, R. A. Heising, Circuit connection of electron discharge apparatus; 1,483,273, D. G. Blattner, Circuit for heating the filaments of audions; 1,493,595, same, Amplifying with vacuum tubes; 1,504,537, H. D. Arnold, Power limiting amplifying device. D. C. N. J., Doc. E 3862, *Western Electric Co., Inc., et al.* v. *Biophone Corp.* Decree on mandate Oct. 14, 1937.

1,129,942, H. D. Arnold, Gaseous repeater in circuits of low impedance; 1,465,332, same, Vacuum tube amplifier, D. C. N. J., Doc. E 3859, *Western Electric Co., Inc., et al.* v. *Biophone Corp.* Decree on mandate Oct. 14, 1937.

1,212,840, F. J. Straub, Building block and method of making same, D. C. N. J., Doc. E 4191, *Crozier-Straub, Inc., et al.* v. *New Jersey Materials Co., Inc.* Dismissed Feb. 8, 1938.

1,224,253, R. P. Wiley et al., Illuminated sign, D. C., N. D. Ill., E. Div., Doc. 9759, *Flexlume Corp.* v. *F. Parker et al.* (*Flashtric Sign Works*). Dismissed for want of prosecution Dec. 15, 1937.

1,231,764, F. Lowenstein, Telephone relay; 1,403,932, R. H. Wilson, Electron discharge device; 1,426,754, R. C. Mathes, Circuit for electron discharge device, D. C. N. J., Doc. E 3860, *Western Electric Co., Inc.*, v. *Biophone Corp.* Decree on mandate Oct. 14, 1936.

1,262,860, S. B. Smith, Incubator, D. C. Minn. (Minneapolis), Doc. E 2711, *S. B. Smith* v. *M. Ladd.* Dismissed with prejudice June 24, 1938.

1,329,283, 1,398,665, H. D. Arnold, Thermionic amplifier; 1,349,252, same, Method of and means for utilizing thermionic currents; 1,448,550, same, Thermionic amplifier circuit; 1,432,863, K. S. Johnson, Transmission system; 1,442,439, R. C. Mathes, Vacuum tube repeater, D. C. N. J., Doc. E 3861, *Western Electric Co., Inc.*, v. *Biophone Corp.* Decree on mandate Oct. 14, 1937.

1,330,707, Hoffstetter & Rippl, Automatic glass blowing machine; 1,532,077, Quackenbush & Quackenbush, same, D. C. N. J., Doc. E 5662, *General Electric Co. et al.* v. *H. Lange, Inc.* Decree Mar. 16, 1938.

1,349,252. (See 1,329,283.) 1,398,665. (See 1,329,283.)

1,403,475, H. D. Arnold, Vacuum tube circuit; 1,403,932, R. H. Wilson, Electron discharge device; 1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system; 1,618,017, F. Lowenstein, Wireless telegraph apparatus; 1,936,162, R. A. Heising, Transmission system; Re. 18,579, Ballantine & Hull, Demodulator and method demodulation, filed June 17, 1938, D. C., N. D. Ill., E. Div., Doc. 16115, *R. C. A. et al.* v. *Music Master, Inc., et al.*

1,403,932. (See 1,231,764 and 1,403,475.)

1,414,796, C. N. Teetor, Engine, D. C., N. D. Ill., E. Div., Doc. 13983, *The Perfect Circle Co.* v. *Motorcraft Products, Inc.* Dismissed without prejudice June 22. 1938.

1,426,754. (See 1,231,764.) 1,432,022. (See 1,128,292.)

1,432,863. (See 1,329,283.)

1,438,463, A. E. Saner, Signaling mechanism, filed June 23, 1938, D. C. Mont. (Great Falls), Doc. 3073, *A. E. Saner* v. *Montana-Dakota Utilities Co.* Doc. 3074, *A. E. Saner* v. *Montana-Dakota Power Co. et al.*

1,442,439. (See 1,329,283.) 1,448,550. (See 1,329,283.)

1,465,332. (See 1,129,942.)

1,473,546, W. Elermann, Weighted scraper, D. C., S. D. N. Y., Doc. E 79/105, *R. A. Higginson* v. *White Mop Wringer Co. et al.* Consent decree for plaintiff (notice June 23, 1938).

1,483,273. (See 1,128,292.) 1,493,595. (See 1,128,292.)

1,504,537. (See 1,128,292.)

1,505,592, F. W. Epperson, Frozen confectionery, filed July 30, 1935, D. C., S. D. N. Y., Doc. E 81/31, *National Popsicle Corp. et al.* v. *Bryant Frozen Products, Inc., et al.* Case reopened June 23, 1938, by order vacating order of dismissal.

1,507,016. (See 1,403,475.) 1,507,017. (See 1,403,475.)

1,507,826, L. J. Trubman, Sound-producing device for dolls, D. C. N. J., Doc. E 1765, *Voices, Inc.*, v. *Up-to-date Mfg. Co., Inc.* Dismissed Mar. 8, 1938.

1,519,659, Bradley & McGavack, Process for producing photographic and other films, filed June 3, 1938, D. C., N. D. Ill., E. Div., Doc. 16100, *Marbo Patents, Inc.*, v. *The Goodyear Tire & Rubber Co., Inc.*

1,532,077. (See 1,330,707.)

1,573,374, P. A. Chamberlain, Radio condenser; 1,707,617, 1,795,214, E. W. Kellogg, Sound reproducing apparatus; 1,894,197, Rice & Kellogg, same; 2,052,316, R. E. Sagle, Variable condenser, filed June 17, 1938, D. C., N. D. Ill., E. Div., Doc. 16116, *R. C. A. et al.* v. *Music Master, Inc., et al.*

1,618,017. (See 1,403,475.)

1,690,109, R. A. Gross, Collapsible box; 1,758,510, same, Paper box; 1,940,213, same, Knockdown paper box with cover, filed June 3, 1938, D. C., N. D. Ill., E. Div., Doc. 16099, *Simplex Paper Box Corp.* v. *Boxmakers, Inc.*

1,707,617. (See 1,573,374.)

1,718,025. (See Re. 18,841 (*a*).)

1,718,025, R. Bishinger, Hair curling appliance; Re. 18,841, J. Mayer, Hair waving method, filed June 22, 1938, D. C., N. D. Ill., E. Div., Doc. 16121, *The Philad Co.* v. *M. H. Cearn et al.*

1,747,272, N. W. Webb, Metallic fabric and method of forming seams therein; 1,821,456, same, Woven wire belt for paper-making machine; 2,030,616, same, Wire-cloth seam and method of making same, D. C. N. J., Doc. E 5520, *Eastwood-Nealley Corp.* v. *Thos. Gleeson, Inc.* Dismissed May 10, 1938. Doc. E 5702, *Eastwood-Nealley Corp.* v. *C. L. Gleeson.* Injunction Apr. 22, 1938.

1,753,437, H. G. Lykken, Material reducing and means therefor; 1,756,254, same, Fluidizer and method of fluidizing; 1,760,245, same, Device for reducing and feeding reduced materials; 1,768,621, same, Fluidizer; 1,793,705, same, Fuel device; 1,814,395, same, Material reducing and classifying device; 1,838,560, same, Reducing mill, filed May 12, 1936, D. C. N. J., Doc. E 5476, *H. G. Lykken et al.* v. *International Pulverizing Corp. et al.*

1,756,254. (See 1,753,437.) 1,758,510. (See 1,690,109.)

1,760,245. (See 1,753,437.)

1,764,573, C. W. Mueller, Sewing machine work support: 1,989,602, 1,905,391, same, Sewing machine, D. C., N. D. Ill., E. Div., Doc. 15181, *Lewis Invisible Stitch Machine Co.* v. *H. P. Cooper.* Dismissed June 24, 1938.

1,768,621. (See 1,753,437.) 1,793,705. (See 1,753,437.)

1,795,214. (See 1,573,374.)

1,799,071, 1,958,213, H. L. Smith, Dynamo electric machine, D. C. N. J., Doc. E 5807, *Louis Allis Co.* v. *Continental Electric Co., Inc.* Discontinued June 24, 1938.

1,814,395. (See 1,753,437.)

1,818,268, Q. G. Noblitt, Heating apparatus for vehicles; 1,870,378, Noblitt & Booth, Mounting for automobile heater; 1,872,794, same, Adjustable deflector for automobile heaters, D. C., N. D. Ill., E. Div., Doc. 15382. *Noblitt-Sparks Industries, Inc.*, v. *Excel Auto Radiator Co.* Claims 1 and 2 of 1,818,268, claim 6 of 1,870,378, and claims 1, 2, 3, 8, and 9 of 1,872,794 held invalid, bill dismissed June 7, 1937. Decree affirmed June 11, 1938.

1,821,456. (See 1,747,272.) 1,838,560. (See 1,753,437.)

1,870,378. (See 1,818,268.) 1,872,794. (See 1,818,268.)

1,894,197. (See 1,573,374.)

1,894,612. (See Re. 18,841 (*c*).)

1,905,391. (See 1,764,573.)

1,907,026, H. J. Woock, Method of adjusting a tire retreading mold to different sizes of tires; 1,928,404, H. J. Woock et al., Method and apparatus for retreading tires, filed June 28, 1938, D. C., S. D. Calif. C. Div., Doc. E 1409–RJ, *Super Mold Corp. of Calif.* v. *American Tire Machinery Co.*

1,928,404. (See 1,907,026.) 1,936,162. (See 1,403,475.)

1,940,213. (See 1,690,109.) 1,958,213. (See 1,799,071.)

1,989,602. (See 1,764,573.) 2,030,616. (See 1,747,272.)

2,052,316. (See 1,573,374.)

2,053,989, E. G. Goodwin, Bolster damper; 2,053,990, same, Anti-oscillating device; 2,053,991, same, Snubber, suit for declaratory judgment filed May 21, 1938, D. C., N. D. Ill., E. Div., Doc. 16072, *Standard Car Truck Co.* v. *Holland Co.*

2,053,990. (See 2,053,989.) 2,053,991. (See 2,053,989.)

2,071,149, Re. 20,676, Wilms & Petersen, Electric switch, filed June 3, 1938, D. C., N. D. Ill., E. Div., Doc. 16098, *Allen-Bradley Co.* v. *Square D Co.*

Re. 18,579. (See 1,403,475.)

Re. 18,841. (See 1,718,025.)

Re. 18,841 (*a*), J. Mayer, Hair waving method; 1,718,025, R. Bishinger, Hair curling appliance, filed May 12, 1938, D. C., N. D. Ill., E. Div., Doc. 16066, *The Philad Co.* v. *Isana Products, Inc.* Doc. 16069, *The Philad Co.* v. *Roycraft, Inc.*

Re. 18,841, (*b*), J. Mayer, Hair waving method; Re. 18,852, same, Hair waving appliance, D. C., N. D. Ohio, E. Div., Doc. E 5500, *The Philad Co.* v. *The Halle Bros. Co.* Dismissed without prejudice July 2, 1938.

Re. 18,841 (*c*), J. Mayer, Hair waving method; 1,894,612, same, Hair waving apparatus, D. C., S. D. Calif. (Los Angeles), Doc. E 18–RJ, *The Philad Co. et al.* v. *The Johnson Co., Inc.* Decree of Jan. 8, 1937, modified, and as modified is affirmed May 4, 1938.

Re. 18,852. (See Re. 18,841 (*b*).)

Re. 20,676. (See 2,071,149.)

T. M. 13,064, C. Conrad & Co., Lager beer; T. M. 64,125, Anheuser-Busch, Inc., Beer, filed May 21, 1938, D. C., N. D. Ill., E. Div., Doc. 16074, *Anheuser-Busch, Inc.*, v. *Superior Brewing Co.*

T. M. 64,125. (See T. M. 13,064.)

T. M. 72,087 (*a*), California Fruit Growers Exchange, Oranges; T. M. 85,069, same, Lemons; T. M. 117,107, same, Citrus fruits, filed May 10, 1938, D. C., N. D. Ill., E. Div., Doc. 16062, *California Fruit Growers Exchange et al.* v. *Mar-Salle Chicago Co.*

T. M. 72,087 (*b*), California Fruit Growers Exchange, Oranges; T. M. 85,069, same, Lemons; T. M. 117,107, same, Citrus fruits; T. M. 301,281, same, Citrus fruit juices and concentrates, filed May 23, 1938, D. C., N. D. Ill., E. Div., Doc. 16075, *California Fruit Growers Exchange* v. *Sunkist Orange Juice Co., Inc.*

T. M. 85,069. (See T. M. 72,087 (*a*) and (*b*).)

T. M. 90,907, Mother's Macaroni Co., Semolina, macaroni and paste products; T. M. 115,209, same, Wheat breakfast food; T. M. 198,245, The Creamette Co., Tea, coffee, grape juice, etc.; T. M. 198,425, same, Chewing gum; T. M. 201,880, same, Potato chips, candy seedless raisins, etc.; T. M. 190,536, same, Salt; T. M. 233,754, same, Tea and coffee, D. C., N. D. Ill., E. Div., Doc. 15483, *The Creamette Co.* v. *Overland Candy Corp. et al.* Trade-marks held valid and infringed, injunction May 25, 1938.

T. M. 115,209. (See T. M. 90,907.)

T. M. 117,107. (See T. M. 72,087 (*a*) and (*b*).)

T. M. 190,536. (See T. M. 90,907.)

T. M. 198,245. (See T. M. 90,907.)

T. M. 198,425. (See T. M. 90,907.)

T. M. 201,880. (See T. M. 90,907.)

T. M. 233,754. (See T. M. 90,907.)

T. M. 301,281. (See T. M. 72,087 (*b*).)

Trade-Mark Registrations Canceled

168,131. Hair tonics. Julius Ehmann, doing business as Oliveine Laboratories, Newark, N. J. Registered May 15, 1923. Canceled July 28, 1938.

197,475. Medicine. The Chlorine Products Company, Indianapolis, Ind. Registered April 21, 1925. Canceled July 28, 1938.

202,670. Stock and poultry feed. Washburn Crosby Company, Minneapolis, Minn. Registered September 1, 1925. Canceled July 29, 1938.

238,154. Certain named foods. Nellie Boyd, doing business as N. B. Chicken Shack, Duluth, Minn. Registered January 31, 1928. Canceled July 28, 1938.

300,617. Certain named clothing for women and misses. Kiviette Pomeranz, doing business as Kiviette, New York, N. Y. Registered January 24, 1933. Canceled July 28, 1938.

332,070. Toys. Domenico Frisoli, doing business as Scientific Model Airplane Co., Newark, N. J. Registered January 28, 1936. Canceled July 22, 1938.

344,719. Canned meat compound. Reid, Murdoch & Co., Chicago, Ill. Registered April 6, 1937. Canceled July 22, 1938.

349,925. Hard-facing alloys. Duralloys, Inc. Registered September 14, 1937. Canceled July 28, 1938.

Changes in Classification

Order No. 3,436, July 26, 1938, directs:

In *class 106, Plastic Compositions* (Division 38), abolish the following subclass with its definition:

4 Cob pipes and fillings.

The patents formerly contained in this subclass have been transferred to class 131, Tobacco, for the most part to subclasses 219, 220, and 230, established in this order.

In *class 131, Tobacco* (Division 2), abolish the following subclasses:

10 **Mouthpieces.**
12 **Pipes and stems.**
22 **Smoking tubes.**

The patents formerly contained in these subclasses have been transferred for the most part to class 131, Tobacco, subclass 171, and indented subclasses, established in this order.

In *class 46, Amusement Devices, Toys* (Division 57), subclass 6, add to the definition the following note:

Note.—See class 131, TOBACCO, subclass 171, and indented subclasses, for smoking devices including pipes.

In *class 67, Illuminating Burners* (Division 30), subclass 4, in the second note following the definition, cancel "59" and insert *185*.

In *class 106, Plastic Compositions* (Divisions 38 and 50), add to the main class definition the following paragraph:

Plastic compositions particularly designed for smoking devices (such as pipes, cigar and cigarette holders) are in class 131, TOBACCO, subclasses 208, 219, 220, and 230.

In *class 128, Surgery* (Division 55), subclasses 185, 201, and 208, add to the definition the following note:

Note.—See class 131, TOBACCO, subclass 171, and indented subclasses, for smoking devices.

In *class 183, Gas Separation* (Division 32), in the main class definition, under "Search classes," add the following:

131—TOBACCO, subclass 201, and indented subclasses, for separating devices specialized to smoking devices.

In *class 285, Pipe Joints or Couplings* (Division 52), in note (3) following the main class definition, in the reference to class 131, Tobacco, cancel "12" and substitute *225*.

In *class 131, Tobacco* (Division 2), establish the following subclasses:

Tobacco users' appliances

171 Smoking devices
172 Manufacturing processes and apparatus,
173 Smoke washing type,
174 Wind or ash guarding or ash receiving
175 Cigar or cigarette holders,
176 Pipe covers
177 With tamper or tamper type,
178 Combined or convertible
179 Plural smoking devices,
180 With storage means, feeder, and/or plural bowl
181 Follower,
182 With ejector
183 Tobacco support type,
184 With cleaner, stirrer or tamper,
185 With igniter and/or match scratcher,
186 With support,
187 Cigar and cigarette holders
188 With piercing device
189 Smoke conducting,
190 With movable gripper or holder,
191 Tubes,
192 Foldable or collapsible,
193 Base burner type,
194 Heat exchanging and/or insulating
195 Cooling air passages,
196 Spaced inner bowl
197 Plural reversely extending passages,
198 Special air inlets,
199 Longitudinally divided,
200 Smoke treating
201 Material traps only
202 Filter and/or absorber
203 Absorber only (no filtering)
204 Lined or coated bowls or stems,
205 Tobacco supports
206 With valve or external passage closure,
207 Absorbent (or particulate),
208 Materials and/or forms,
209 Spiral passage,
210 Serial checks or baffles,
211 Chamber enclosed tubes or nipples
212 Overlapping, smoke direction changing,
213 Plural reversely extending passages,
214 Bowl detachable from neck cup,
215 With valve or external passage closure,
216 Special smoke passages
217 Spiral passage,
218 Plural reversely extending,
219 Lined or coated
220 Bowl,
221 Reversible bowl,
222 Bowl detachable from neck cup,
223 With valve or external passage closure,
224 Tobacco supports,
225 Joints and connections,
226 Bowls,
227 Stems, bits or tips
228 With sleeve or cap,
229 Outlet end shapes and orifices,
230 Materials and compositions.

The patents contained in these subclasses have been taken for the most part from class 106, Plastic Compositions, subclass 4, abolished in this order, and class 131, Tobacco, subclasses 10, 12, and 22, abolished in this order, and subclasses 51 and 59.

Definitions for subclasses 171–230, inclusive, are available in the Search-Room, Classification Division, and Division 2.

TRADE-MARKS

OFFICIAL GAZETTE, AUGUST 16, 1938

[VOL. 493. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 405,920. DELTA & PINE LAND CO. OF MISSISSIPPI, Scott, Miss. Filed May 2, 1938.



No claim is made to the wording "Originators of Deltapine Planting Seed" apart from the mark shown.
For Cotton Seed for Planting.
Claims use since Mar. 1, 1938.

CLASS 2

Receptacles

Ser. No. 407,069. MENASHA PRODUCTS COMPANY, Menasha, Wis. Filed June 3, 1938.

peelee

For Paper Receptacles.
Claims use since May 23, 1938.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 405,225. MARION J. E. SMITH, New York, N. Y. Filed Apr. 13, 1938.

Marioness

For Purse Kit, in the Nature of a Purse or Handbag.
Claims use since Sept. 24, 1935.

Ser. No. 407,833. THE F. H. WHITE COMPANY, Philadelphia, Pa. Filed June 23, 1938.

WHITE FLASH

For Traveling Bags.
Claims use since June 1, 1938.

Ser. No. 407,921. SOHARI, INC., St. Louis, Mo. Filed June 25, 1938.



For Handbags, Pocketbooks, and Purses.
Claims use since Apr. 15, 1938.

Ser. No. 408,308. CHARLES BURSTEIN & BRO. INC., New York, N. Y. Filed July 8, 1938.

Courier

For Ladies' Hand Bags and Purses.
Claims use since June 9, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 407,209. ABRASIVE COMPANY, Philadelphia, Pa. Filed June 8, 1938.

RED STREAK

For Abrasive Grinding Wheels and Abrasive Flanges Therefor.
Claims use since May 24, 1938.

Ser. No. 407,226. LANMAN & KEMP-BARCLAY & CO., INCORPORATED, New York, N. Y. Filed June 8, 1938.

L&K

For Soap.
Claims use since June, 1923.

Ser. No. 407,326. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed June 10, 1938.

O.K.

For Washing Powder.
Claims use since 1860.

Ser. No. 407,394. R. R. STREET & CO., INC., Chicago, Ill. Filed June 11, 1938.

BLENDSOL

For Dry Cleaning Compound.
Claims use since Feb. 27, 1936.

Ser. No. 407,410. THE AK-RO-NO AUTO PRODUCTS CO., Vandalia, Ill. Filed June 13, 1938.

AK-RO-NO

For Preparation for Cleaning and Restoring Lustre to Rubber and Rubber Products.
Claims use since Feb. 1, 1937.

CLASS 5

Adhesives

Ser. No. 407,696. SWIFT AND COMPANY, Chicago, Ill. Filed June 20, 1938.

PAMPHLEX

For Glue.
Claims use since June 1, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 396,751. THE SHALER COMPANY, Waupun, Wis. Filed Aug. 25, 1937.

KAR-B-OUT

For Motor Gum Solvent.
Claims use since Apr. 1, 1937.

Ser. No. 397,367. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed Sept. 13, 1937.

AURAGREEN

For Dye Preparation Which is Applied to Grass for Brown Patch Control.
Claims use since Mar. 2, 1937.

Ser. No. 397,540. CHARLES L. LONG, doing business as Permaid Company, St. Louis, Mo. Filed Sept. 18, 1937.

PERMAID KWIK KURL SOLUTION

The words "Kwik Kurl" and "Solution" are disclaimed apart from the mark.
For Permanent Waving Solution.
Claims use since Aug. 10, 1937.

Ser. No. 398,114. H. KOHNSTAMM & CO. INC., New York, N. Y. Filed Oct. 4, 1937. Under 10-year proviso.

ATLAS

For Pigment Colors and Lake Colors for General Manufacturing.
Claims use since 1882.

Ser. No. 398,316. JADWIGA REMEDIES, INC., Brooklyn, N. Y. Filed Oct. 9, 1937.

Krem Jadwiga F

Applicant disclaims the word "Krem" apart from the mark as shown.
For Face Cream.
Claims use since June, 1936.

Ser. No. 398,515. FÉLIX JEAN CAUCHOIS, Hussigny-Godbrange, Meurthe-et-Moselle, France. Filed Oct. 15, 1937.

AXYOL

For a Medicated Powder Constituting One of a Set of Materials Applied in Series in a Complete Treatment of Leg Ulcers Resulting from Varicose Veins.
Claims use since June 28, 1934.

Ser. No. 398,581. DR. MADAUS & COMPANY, Radebeul, Dresden, Germany. Filed Oct. 16, 1937.

Teep

For Pulverized Medicinal Herbs or Plants as Follows—Black Fir (Abies Nigra), Southern Wood, Ash (Abrotanum), Absinthe (Absinthium), Acalypha Indica (Acalypha Indica), Aconite (Aconitum), Ox Eye (Adonis Vernalix), Horse Chestnut (Aesculus Hippocastanum), Fool's Parsley (Aethusa Canapium), Toadstool (Agaricue Muscarius), Agnus Castus (Agnus Castus), Ailanthus (Ailanthus), Alchemil (Alchemilla), Aletris (Aletris), Garlic (Alliocaps), Aloes (Aloe), Marsh Mallow (Althaea), Cashew (Anacardium Occidentale), Eastern Cashew (Anacardium Orientale), Angelica (Angelica), Anise (Anisum), Celery (Apium Graveolens e Fruct. Echter Sellerie), Japonica (Aralia), Birthwort (Aristlochia), Arnica (Arnica), Wormwood (Artemisia), Arum (Arum Tryphyllum), Asafoetida (Asa Foetida), Hazel Root (Asarum Europaeum Europaische Haselwurz), Swallow Wort (Asclepias), Oats (Avena), Caoaiba Balsam (Balsamum Copaivae), Wild Indigo (Baptisia), Belladonna (Belladonna), Evergreen Barberry (Berberis Aquifolium), Barberry (Berberis Vulgaris), Birch (Betula), Puff Ball (Bovista), Bryony (Bryonia), Grand Cactus (Cactus Grandiflorus), Calabar Beans (Calabar), Calamus, Flag (Calmus), Marigold (Calendula), Camphor Tree (Camphora), Hemp (Cannabis Sativa), Capsicum (Capsicum), Milk Thistle (Carduus Marianus), Cascara Sagrada (Cascara Sagrada), Chestnut (Castanea Vesca), Caulophyllum (Caulophyllum Thalictroides), Lilac (Ceanothus), Centaury (Centaurium), Iceland Moss (Cetraria Islandica), Camomile (Chamomilla), Swallow Wort, Celandine (Chelidonium), Goosefoot (Chenopodium Olidum), Stinking Goosefoot (Chenopodium Anthelminticum, Wintergreen (Chimaphila Umbellata), Peruvian Bark (China), Poison Hemlock (Cicuta), Bugweed (Cimifuga), Zeodary Seed (Cina), Cistus (Cistus), Clematis (Clematis Recta), Indian Berries (Coceulus Kockelskorner), Scurvy Grass (Cochlearia), Saffron (Colchicum), Canada Pareira (Collinsonia), Colocynth (Colocynthis), Condurango (Condurango), Spotted Hemlock (Conium), Fumitory (Corydalis Cava), Whitethorn (Crataegus), Crocus (Crocus), Croton (Croton), Cubebs (Cubeba), Curare (Curare), Tumeric (Curcuma Domestica), Cyclamen (Cyclamen), Damiana (Damiana), White Dittany (Dictamnus), Foxglove (Digitalis Lanata), Purple Foxglove (Digitalis Purpurea), Yam (Dioscorea), Soy Beans (Dolichos), Sundew (Drosera), Bittersweet (Dulcamara), Echinacea (Echinacea), Sea Grape (Ephedra), Shave Grass (Equisetum), Fleabane (Erigeron), Water Fleabane (Erynigium Aquaticum), Eucalyptus (Eucalyptus), Eupatory, Dyer's Hemp (Eupatorium Perfoliatum), Wolf's Milk (Euphorbia), Euphrasis (Euphrasia), Common Coltsfoot (Farfara), Worm grass (Filix Mas), Fennel (Foeniculum), Clover (Foenum Graecum), Buckthorn (Frangula), Seaweed (Fucus), Hemp Nettle (Galeopsis), Scratchweed (Galium Aparine), Wild Jasmine (Gelsemium), Ginseng Root (Ginseng), Cudweed (Gnaphalium Polycephalum), Pomegranite Tree (Granatum), Grindelia (Grindelia), Guaicum Tree (Guajacum), Witch Hazel (Hamamelis), Ivy (Hedera), Black Hellebore (Helleborus Niger), Liver Wort (Hepatica), Rupture Wort (Herniaria), Tumeric (Hydrastis), Flukewort (Hydrocotyle Assiatica), Henbane (Hyoscyamus Niger Schwarzes Bilsenkraut), Tutsam, Amber (Hypericum), St. Ignatius' Bean (Ignatia), Ipecacuana (Ipecacuanha), Iris (Iris), Jaborandum (Jaborandi), Jalap (Jalapa), Physic Nut (Jatropha Curcas), Gray Walnut Tree (Juglans Cinerea), Gray Walnut Tree (Juglane Regia), Juniper (Juniperus), Justicia Leaves (Justicia), Kamala (Kamala), Cola Nut (Kola), Koso (Koso), Bee Flower (Lamium), Pea (Lathyrus), Rosemary (Ledum), Duckweed (Lemna Minor), Lobelia (Lobelia), Hops (Lupulinum), Lycopodium, Common Club Moss (Lycopodium), Virginia Wolf's Foot (Lycopus), Mancinella (Mancinelle), Hoarhound (Marrubium), Melilot (Melilotus), Balm Mint (Melissa), Peppermint (Metha Piperita), Annual Mercury (Mercurialis Annua), Mezereon (Mezereum), Millefolium (Millefolium), Balsam Apple (Momordica), Black Mulberry (Morus Nigra), Early Forget-Me-Not (Myosotis Arvensis-Acker-Vergissmeinricht), Nutmeg (Myristica), Bilberry (Myrtillus), Myrtle (Myrtus), Nasturtium (Nasturtium), Nutmeg (Nux Moschata), Nux Vomica (Nux Vomica), Poison Oenanthe (Oenanthe Crocata), Oleander (Oleander), Cammock (Ononis), Indian Tea (Orthosiphon Stamineus), Peony (Paeonia), Poppy (Papaver), Pareira (Pareira Brava), One Berry, Truelove (Paris Quadrifolia), Passion Flower (Passeflora), Parsley (Petroselinum), Kidney Bean (Phaseolus), Water Chervil (Phellandrium Aquaticum), Poke (Phytolacca), Pimpinell (Pimpinella Alba), Fir (Pinus Silvestris), Rib Grass (Plantago Lanceolata), Great Rib Grass (Plantage Major), Plane Tree (Platanus Occidentalis), May Apple (Podophyllum), Polygonum, Knot Grass (Polygonum), Polyporous, Fungus (Polyporus Nigricans), Aspen (Populus Tremula), Silver Weed, Goose Grass (Potentilla Anserina), Lungwort (Pulmonaria), Pulsatilla (Pulsatilla), Brazilian Quassis (Quassia), Oak (Quercus), Burr (Radix Bardanae), Buttercup (Ranunculus Bulbosus), Ratanhia (Ratanhia), Buckthorn (Rhamnus Cathartica), Rhubard (Rheum), Rododendron (Rhododendron), True Poison Sumach (Rhus Toxicodendron), Acacia (Robinia), Dog Rose (Fructus Cynosbati), Rosemary (Rosmarinus), Madder (Rubia), Blackberry (Rubus Fructicosus), Yellow Dock (Rumex Crispus), Rue (Ruta), Sesame (Sabadilla), Palm (Sabal), Cedar (Sabina), Willow (Salix), Sage (Salvia), Elder (Sambucus Nigra), Bloodroot (Sanguinaria), Burnet (Sanguisorba), Sanicle (Sanicula), Sandalwood (Santalum), Sarsaparilla (Sarsaparilla), Sassafras (Sassafras), Meadow Saxifrage (Saxifraga), Squill (Scilla), Figwort (Scerophularia Nodosa), Spurred Rye (Secale Cornutum), Wall Pepper (Sedum Acre), Senna (Senna), Black Mustard (Sinapis Nigra), Potato (Solanum Tuberosum), Goldenrod (Solidago), Broom (Spartium Scoparium), Wormgrass (Spigelia), St. Stephan's Berries (Staphisagria), Lungwort (Sticta Pulmonaria), Stillingia (Stillingia Silvatica), Thorn Apple (Stramonium), Strophanthus (Strophanthus), Muskroot (Sumbulus), Comfrey (Symphytum), Jambu (Syzygium), Tamarind (Tamarindus), Wild Tansy (Tanacetun Vulgare), Common Dandelion (Taraxacum), Germander Sage (Teucrium Scordonia), Shepard's Purse (Bursa Pastoris), Cedar (Thuja), Thyme (Thymus), Lime Tree (Tilia), Tormentil, Bloodroot (Tormentilla), Lily (Trillium Pendulum), Common Nettle (Urtica), Maize Smut (Ustilago Maydis), Evergreen Bear Grape (Uva Ursi), Valerian (Valeriana), White Hellebore (Veratrum Album), American Veratrum (Veratrum Viride), Snowball (Viburnum Opulus), Periwinkle (Vinca Minor), Violet (Viola Odorata), Pansy (Viola Tricolor), White Mistletoe (Viscum Album), Wyethia (Wyethia Helonoids), and Yohimbe (Yohimbe).
Claims use since May 16, 1935.

Ser. No. 399,353. GREAT WESTERN ELECTRO-CHEMICAL COMPANY, San Francisco, Calif. Filed Nov. 5, 1937.

Z

For Sodium Ethyl Xanthate, Potassium Ethyl Xanthate, Potassium Butyl Xanthate, Potassium Amyl Xanthate, Potassium Secondary Butyl Xanthate, Potassium Pentasol Xanthate, Potassium Isopropyl Xanthate.

Claims use on sodium ethyl xanthate since 1923, on potassium ethyl xanthate since 1923, on potassium butyl xanthate since 1930, on potassium amyl xanthate since 1927, on potassium secondary butyl xanthate since 1931, on potassium pentasol xanthate since 1927, and on potassium isopropyl xanthate since 1936.

Ser. No. 402,594. E. FOUGERA & CO. INCORPORATED, New York, N. Y. Filed Feb. 2, 1938. Under 10-year proviso.

DUCRO'S ELIXIR

For Medicinal Preparation Used as a Stimulant for the Appetite and as a General Tonic.

Claims use since 1849.

Ser. No. 403,974. H. V. SINCLAIR, doing business as Universal Kemico Company, Rochester, N. Y. Filed Mar. 11, 1938.

KATHARO

For Medicine Indicated in and for the Treatment of Constipation, Malfunctioning of the Kidneys, and Such Other Physical Disorders and Pathological Conditions in or for the Treatment of which it May be Necessary or Advisable to Administer Laxatives, Purgatives, Cathartics, and Diuretic Stimulants.

Claims use since July 1, 1936.

Ser. No. 404,010. THE NORTH AMERICAN FIBRE PRODUCTS COMPANY, Cleveland, Ohio. Filed Mar. 12, 1938.

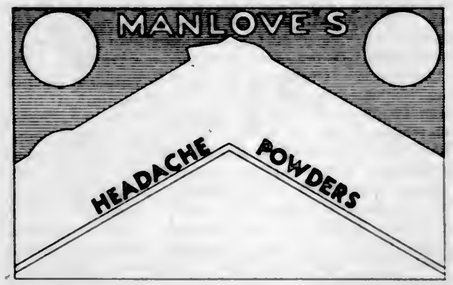


The representation of the map of North America is disclaimed apart from the mark.

For Liquid Compound for the Elimination and Prevention of Rust, Scale, Corrosion, and Congestion in Boilers, Hot and Cold Water Supply Systems, Pasteurizers, Sterilizers, Bottle Washers, Humidifiers, Air-Conditioners, Cooling Systems, Refrigeration Systems, Brine Tanks, Pipes and Coils, and All Other Equipment in which Water and/or Steam are Utilized.

Claims use since Jan. 1, 1937.

Ser. No. 404,535. WILLIAM E. MANLOVE, doing business as Manloves Laboratories, Norfolk, Va. Filed Mar. 26, 1938.



The drawing is lined for the color blue. No claim is made to the words "Headache Powders", apart from the mark.

For Preparation for Headaches, Neuralgia, Colds, and Fever.

Claims use since June 1, 1937.

Ser. No. 404,709. LOUIS M. GREENE, doing business as The Carter Manufacturing Company, Cleveland, Ohio. Filed Mar. 31, 1938.



The words "Carters Rust Preventive" are disclaimed apart from the mark.

For Chemical Composition Applied to Metallic Surfaces to Prevent Rust or Corrosion.

Claims use since Mar. 1, 1936.

Ser. No. 404,715. KARMELITENKLOSTER ST. JOSEF REGENSBURG, Regensburg, Germany. Filed Mar. 31, 1938.



Applicant disclaims the word "Regensburg" apart from the mark.

For Medicinal Preparation Used in the Treatment of Stomach Weakness, Indigestion, Faintness, Headaches, Dizziness, Palpitation, Rheumatism, Colds, Neuralgia, and as a Liniment in the Treatment of Pains in the Back, Stiff Muscles, Cramps, Skin Diseases, and as an Inhalant, Disinfectant, and Astringent.

Claims use since November, 1937.

Ser. No. 404,716. KARMELITENKLOSTER ST. JOSEF REGENSBURG, Regensburg, Germany. Filed Mar. 31, 1938.



Applicant disclaims the word "Regensberger," apart from the mark.

For Medicinal Preparation Used in the Treatment of Stomach Weakness, Indigestion, Faintness, Headaches, Dizziness, Palpitation, Rheumatism, Colds, Neuralgia, and as a Liniment in the Treatment of Pains in the Back, Stiff Muscles, Cramps, Skin Diseases, and as an Inhalant, Disinfectant, and Astringent.

Claims use since November, 1937.

Ser. No. 405,017. RENÉ, PAUL FOUCHÉ, Paris, France. Filed Apr. 8, 1938.

Boldoflorine

For Medicinal Herb Tea Used in Disturbances of the Digestive Tract, Headaches, Diseases of the Skin, Blood Affections, Hemorrhoids, Arthritis, Rheumatism, and Disturbances of the Metabolism.

Claims use since Sept. 29, 1932.

Ser. No. 405,102. CHARM PRODUCTS, INC., doing business as Carlyle, Los Angeles, Calif. Filed Apr. 11, 1938.

Luretone

For Nail Wax, Lip Stick, Astringent, Hand Lotion, Nail Polish or Enamel Remover, Hand and Skin Deep Pore Cleanser, Tissue Cream, Face Powder, Beauty Mask, Rouge, Cleansing Cream, and Hair Grooming Oil.

Claims use since Feb. 10, 1938.

Ser. No. 405,124. S. E. MASSENGILL, doing business as The S. E. Massengill Company, Bristol, Tenn. Filed Apr. 11, 1938.

GLANDRINES

For Pharmaceutical Drugs and Preparations Containing Dried Animal Organs and Parts and/or Extracts of Same, Comprising a Series of Preparations Identified by Numbers Following the Trade-Mark, for the Treatment of Diseases Resulting from Deficiencies in the Functioning of the Various Glands of the Human System, Including Mammary Stimulation During Gestation, Favorably Influencing Foetal Nutrition and Combating Menstruation Before Lactation Ceases; Menorrhagia with or without Dysmenorrhea, Prolonged or too Frequent Menses, Ovarian Irritability, Pelvic Congestion, Deficient

Lactation and Inducing Uterine Contraction; Metrorrhagia, Excessive Menstrual Hemmorrhages and Uterine Fibroids; Acute Infections, General Toxemia Where Fatigue Follows but Slight Exertion, Subnormal Temperatures, Low Blood Pressures and Asthma; Menopause, Hysteria, Insomnia, Melancholia, Anorexia and General Debility; Malnutrition, Irregularities at Puberty and Allied Conditions; Impotence Neurasthenia, Asthenic Conditions, Circulatory Disorders and Cold Extremities, Metabolic Disorders Associated with Obesity, and Frigidity; Amenorrhea, Dysmenorrhea and Neurasthenia; Obesity; and Sexual Atrophy, Mental and Physical Exhaustion and Insomnia.

Claims use since Nov. 29, 1937.

Ser. No. 406,360. WEBB LABORATORIES, INC., Schenectady, N. Y. Filed May 14, 1938.

VITA-MALTE

No claim is made to the word or term "Malte" apart from the mark shown.

For Flavored Liquid Preparation Containing Malt Extract, Halibut Liver Oil, Iron Ammonium Citrate, and Vitamins A, B, G, and D.

Claims use since April 1, 1937.

Ser. No. 406,539. ROSE B. WRIGHT, Washington, D. C. Filed May 19, 1938.



The portrait and signature are those of applicant.

For Salve and Liniment.

Claims use since Mar. 30, 1938.

Ser. No. 406,627. ARTHUR O. ANDERSON, Cedar Rapids, Iowa. Filed May 23, 1938.

BLUE BONNET



The figure is fanciful. No claim is made for the words "Blue Bonnet" apart from the mark.

For Astringents, After Shaving Creams and Lotions; All Types of Beauty Creams for the Skin, Including Creams as Cleaners, Cold Cream, Liquid Cream, Vanishing Creams, Refreshing Creams, Powder Base Creams; Bleaches for the Skin, Blackhead and Deep Pore Cleaning Preparations, Bath Oils, Brilliantine, Deodorants, Dandruff Preparations, Eye Brow and Eye Lash Preparations, Facial Pack Preparations, Hair Oils and Dressings, Lipsticks; Massage Creams, Oils, and Lotions; Mascara, Oils and Lotions for the Skin, Nail Preparations; Obesity Creams, Oils and Lotions; Pomades, Powder for the Skin, Rouges, Skin Whitener Preparations, Toilet Waters, Talcum Powder, and Perfumes.

Claims use since Jan. 1, 1938.

Ser. No. 406,653. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed May 23, 1938.

DESICOL

For Bile Preparation for use in Treatment of Biliary Deficiencies.

Claims use since Apr. 27, 1938.

Ser. No. 407,016. JACK P. EDDY, doing business as Hynes Equipment Co., Los Angeles, Calif. Filed June 2, 1938.

LEADERINE

For Liquid for Preserving Gut Leaders for Fish Lines, Tennis Racquettes, and Similar Articles.

Claims use since Mar. 23, 1938.

Ser. No. 407,040. ALICE NAILL STEELE, doing business as The Meloy Mfg. Co., Miami, Fla. Filed June 2, 1938.

jalice

For Cold Cream.

Claims use since Apr. 19, 1938.

Ser. No. 407,087. COASTAL PHARMACEUTICAL CO., INC., New York, N. Y. Filed June 4, 1938.

SOB - R - ITE

For Medicine to Relieve the Effects of Overindulgence in Drinking or Eating.

Claims use since Apr. 30, 1938.

Ser. No. 407,127. LOUIS BURNSTEIN, doing business as Rux Products Co., Platte City, Mo. Filed June 6, 1938.

RUX

For Cold Capsules.

Claims use since May 28, 1938.

Ser. No. 407,158. THE PENSLAR COMPANY, Detroit, Mich. Filed June 6, 1938.

PEN-O-SAN

For Feminine Hygiene Powder (Vaginal Douche).

Claims use since May 24, 1938.

Ser. No. 407,614. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed June 17, 1938.

BETAXAN

For Synthetic Crystalline Vitamin B_1.

Claims use since May 23, 1938.

Ser. No. 407,752. THE HALLE BROS. Co., Cleveland, Ohio. Filed June 22, 1938.

76

For Vitamin and Mineral Capsules.

Claims use since June 2, 1938.

Ser. No. 407,841. AIR REDUCTION SALES COMPANY, New York, N. Y. Filed June 24, 1938.

KROMEWELD

For Welding Flux.

Claims use since June 7, 1938.

Ser. No. 408,054. THE DRUG PRODUCTS COMPANY, INC., Long Island City, N. Y. Filed June 30, 1938.

V-I-C-M

For Hematinic Preparation used for Secondary and Nutritional Anemia Conditions Put up in Tablet Form.

Claims use since May 29, 1938.

Ser. No. 408,255. VIVER CHEMICAL COMPANY, Carthage, N. Y. Filed July 6, 1938.

VIVER

For Nerve Tonic.

Claims use since May 20, 1938.

Ser. No. 408,312. EASTERN PHARMACAL CO., INC., Yonkers, N. Y. Filed July 8, 1938.

Salydol

For Antipyretic and Analgesic Preparation Used Where Salicylate Therapy is Indicated.

Claims use since July 5, 1938.

Ser. No. 408,426. GEORGE KREMER, doing business as General Beautilities Co., New York, N. Y. Filed July 12, 1938.

TOPIT

For Hair Coloring Preparation Known as Oil Shampoo Tint.

Claims use since July 5, 1938.

CLASS 7

Cordage

Ser. No. 407,636. MUNDIAL CORPORATION, Philadelphia, Pa. Filed June 18, 1938.

MUNDIAL

WORLD WIDE

BINDER TWINE

No claim is made to the words "Binder Twine" apart from the mark.

For Binder Twine.

Claims use since Apr. 22, 1938.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 406,758. OSCAR J. GIUSTI, doing business as Co-operative Fire Works, Daly City, Calif. Filed May 26, 1938.

Popeye!

For Firecrackers, Flash Bombs, Torpedoes, and Fireworks Generally.
Claims use since Mar. 16, 1937.

CLASS 12

Construction Materials

Ser. No. 398,981. CERAMICHE PICCINELLI S. A., Mozzate, Italy. Filed Oct. 26, 1937.

LITOCERAMICA

For Normal and Profiled Ceramic Bricks and Tiles.
Claims use since Jan. 27, 1933.

Ser. No. 398,982. CERAMICHE PICCINELLI S. A., Mozzate, Italy. Filed Oct. 26, 1937.

PORFIROIDE

For Wall and Floor Tiles.
Claims use since Sept. 3, 1933.

Ser. No. 407,535. CHICAGO BRIDGE & IRON WORKS, Chicago, Ill. Filed June 16, 1938.

BALLOON

For Flexible Metal Roofs for Storage Tanks.
Claims use since Sept. 1, 1930.

Ser. No. 407,743. VULCAN IRON & WIRE WORKS, Detroit, Mich. Filed June 21, 1938.

AIR-LITE

For Floor Grating and Open Steel Flooring.
Claims use since September, 1936.

Ser. No. 407,836. LACLEDE-CHRISTY CLAY PRODUCTS COMPANY, St. Louis, Mo. Filed June 23, 1938.

PEERLAC

For Refractory Brick.
Claims use since May 4, 1938.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 407,631. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y. Filed June 18, 1938.

R

For Hot Rolled and Cold Drawn Rods, Bars, and Wires; and Hot and Cold Rolled Strip Made of Nickel and Nickel Alloys.
Claims use since May 18, 1937.

CLASS 15

Oils and Greases

Ser. No. 393,957. INTERNATIONAL LUBRICANT CORPORATION, New Orleans, La. Filed June 11, 1937.

INTERNATIONAL LUBRICATION QUALITY I SERVICE L C

No claim is made to the words "Quality", "Service", and "Lubrication" apart from the mark.
For Petroleum Products—Namely, Lubricating Oils and Greases.
Claims use since Mar. 1, 1937.

Ser. No. 398,170. PERMATEX COMPANY, INC., Brooklyn, N. Y. Filed Oct. 5, 1937.

PERMATEX TOON-OYL

Applicant disclaims the word "Toon-Oyl" apart from the mark.
For Lubricating Oil for Degumming, Decarbonizing, and Prevention of Formation of Sludge in the Interior Working Parts of Internal Combustion Engines.
Claims use since Mar. 22, 1937.

Ser. No. 407,243. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Filed June 8, 1938.

COSMIC - RAY

For Motor Oil.
Claims use since May 25, 1938.

Ser. No. 407,542. HENRY C. GREENWALD, Madison, Wis. Filed June 16, 1938.

NUFF-SAID

For Lubricating Oil Compound Used for General Lubrication Purposes and Particularly for Lubricating the Differential, Transmission, Crank Case, and All Bearings and Anti-Friction Devices Forming Part of or Entering Into the Construction of Motor Vehicles and Other Machinery, Machines and Parts Thereof Including Washing Machines, Lawn Mowers, and Sewing Machines.
Claims use since May 2, 1938.

Ser. No. 407,550. HUDSON OIL CO., Kansas City, Mo. Filed June 16, 1938.

HUDSON OIL CO TRANSPORT GASOLINE

The words "Hi-Octane Gas" and "Transport Gasoline" are disclaimed apart from the mark.
For Gasoline.
Claims use since Apr. 1, 1934.

CLASS 16

Paints and Painters' Materials

Ser. No. 402,827. T. J. RONAN & CO. INC., New York, N. Y. Filed Feb. 8, 1938.

RONAMEL

For Paint Enamels, an Undercoating, and a Thinner.
Claims use since Oct. 20, 1922.

Ser. No. 407,518. ANSON BALL, doing business as Paramount Products Co., Dover, N. J. Filed June 16, 1938.

KAR-NEET

For Automobile Polish.
Claims use since May 21, 1938.

CLASS 17

Tobacco Products

Ser. No. 399,531. MELKON M. SAMOORIAN, Somerville, Mass. Filed Nov. 9, 1937.

ORIOLE

For Cigarettes.
Claims use since Jan. 1, 1935.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 399,811. THE TRAILER COMPANY OF AMERICA, Cincinnati, Ohio. Filed Nov. 16, 1937.

Trailmobile

For Trailers.
Claims use since May 26, 1915.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 405,678. J. MORRIS & CO., INC., Brooklyn, N. Y. Filed Apr. 9, 1938.

PHILCO

For Christmas Tree Decorative Lighting Outfits.
Claims use since Mar. 1, 1938.

Ser. No. 406,522. THE MONOWATT ELECTRIC CORPORATION, Providence, R. I. Filed May 19, 1938.

MONOLITE

For Electric Wiring Devices for Houses and Similar Buildings, in the Nature of Switches, Receptacles, Plug Caps, Sockets, Connectors, and the Like.
Claims use since 1934.

Ser. No. 407,125. BURNDY ENGINEERING COMPANY, INC., New York, N. Y. Filed June 6, 1938.

BURNDY

For Electrical Connectors.
Claims use since Dec. 10, 1923.

Ser. No. 407,310. DYNAMATIC CORPORATION, Kenosha, Wis. Filed June 10, 1938.

VARIOSYN

For Electric Motors.
Claims use since June 2, 1938.

Ser. No. 407,491. CRESCENT INSULATED WIRE & CABLE CO., Trenton, N. J. Filed June 15, 1938.

IMPERVEX

For Rubber Insulation for Electrical Wire and Cable and for Electrical Wire and Cable Employing Such Insulation.
Claims use since May 10, 1938.

Ser. No. 407,570. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed June 16, 1938.

Clipper

For Electric Fans.
Claims use since Jan. 15, 1938.

Ser. No. 407,623. DELTA ELECTRIC COMPANY, Marion, Ind. Filed June 18, 1938.

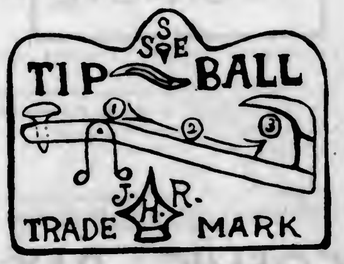
DOMINATOR

For Combination Electric Lamp and Horn.
Claims use since May 26, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 407,480. JOHN H. ROONEY, Providence, R. I. Filed June 14, 1938.



No claim is made to the representation of the game apparatus or to the words "Trade Mark" apart from the mark.
For Game Played with Movable Pieces.
Claims use since Jan. 1, 1936.

Ser. No. 407,690. DORAN RICE, Alton, Ill. Filed June 20, 1938.



No claim is made to the word "Game" apart from the mark shown.
For Game of Chance Played with Concealed Names.
Claims use since September, 1937.

Ser. No. 407,751. CLYAN H. HALL, doing business as Sturditoys Workshops, Pasadena, Calif. Filed June 22, 1938.

HOLLYWOOD DERBY

The word "Hollywood" is disclaimed apart from the mark.
For Table Board Game Having Tensioned Strings with Animated Objects Thereon.
Claims use since June 13, 1938.

Ser. No. 407,964. WEBTS NOVELTY COMPANY, INCORPORATED, Muncie, Ind. Filed June 27, 1938.



For Games of Chance Played with Concealed Numbers and Characters.
Claims use since Apr. 12, 1938.

Ser. No. 408,323. PARKER BROTHERS, INC., Portland, Maine, and Salem, Mass. Filed July 8, 1938.

TELKA

For Board Game Played with Movable Pieces.
Claims use since Jan. 3, 1938.

Ser. No. 408,422. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, doing business as Wabash Industries, Wabash, Ind. Filed July 12, 1938.

Silver Arrow

For Baseballs.
Claims use since February, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 402,197. NATIONAL DIE CASTING SALES CORP., Chicago, Ill. Filed Jan. 21, 1938.

SUPER-JUICER

No claim is made to the word "Juicer" apart from the mark.
For Fruit Juice Extractors for Extracting Juices From Fruits Such as Oranges, Lemons, Grapefruit, and the Like.
Claims use since Dec. 12, 1933.

Ser. No. 402,349. SYSTEM MACHINE COMPANY, Wilmington, Calif. Filed Jan. 26, 1938.

System

For Reels Provided With Associated Movable Knives for Winding and Cutting Cellophane Webs.
Claims use since May 24, 1937.

Ser. No. 406,252. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich. Filed May 12, 1938.

Glide

For Razors, Safety Razors, Electric Shaving Razors, Razor Blades.
Claims use since May 10, 1938.

Ser. No. 406,675. THOMAS H. BURNS, Boston, Mass. Filed May 24, 1938.

COMMON SENSE
SUPERCHARGER

No claim is made to the word "Supercharger" per se.
For Superchargers for Use on Internal Combustion Engines.
Claims use since April, 1936.

Ser. No. 407,466. MICRO-WESTCO, INC., Bettendorf, Iowa. Filed June 14, 1938.



For Slicing Machine Blades.
Claims use since Nov. 11, 1935.

Ser. No. 407,697. TANGENT OIL CUP CO., Seattle, Wash. Filed June 20, 1938.

TANGENT

For Oil Cups.
Claims use since May 15, 1938.

CLASS 24

Laundry Appliances and Machines

Ser. No. 401,208. ELECTRIC HOUSEHOLD UTILITIES CORPORATION, Chicago, Ill. Filed Dec. 24, 1937.

Thor

For Clothes Dryer.
Claims use since Aug. 4, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 398,493. REMINGTON RAND INC., Buffalo, N. Y. Filed Oct. 14, 1937.

Remington Rand Powers

Applicant is the owner of trade-mark registrations 15,960, 110,356, 116,458, 181,099, 233,910.

For Accounting Machines; Card and Tape Punches Including Duplicating, Reproducing, Translating, Summary, and Computing Punches; Typewriter Key-Punch Hook-Ups, Tabulators, Interpreters, Sorters, Verifiers, and Parts Thereof.
Claims use since Jan. 9, 1936.

Ser. No. 400,007. GRAYSON HEAT CONTROL, LTD., Lynwood, Calif. Filed Nov. 22, 1937.

UNITROL

For Thermostats, Thermostatic Valves, and a Combination Gas Cock, Thermostatic Regulator Valve, and Thermostatic Safety Valves.
Claims use since Oct. 28, 1937.

Ser. No. 404,838. DUNCAN ELECTRIC MANUFACTUPING COMPANY, Lafayette, Ind. Filed Apr. 4, 1938.

NOBELOY

For Bearing Members for Watt-Hour Meters, Including Particularly a Non-Corrosive Pivot Formed Mainly of Gold and Platinum.
Claims use since Oct. 1, 1937.

Ser. No. 407,546. HENNEFER MASCHINENFABRIK C. REUTHER & REISERT MIT BESCHRÄNKTER HAFTUNG, Hennef-on-the-Sieg, Germany. Filed June 16, 1938.

Chronos

For Weighing-Apparatus, Particularly Automatic Weighing Apparatus With or Without Recording Devices.
Claims use since December, 1888.

Ser. No. 407,605. REX ELECTRIC COMPANY, Brooklyn, N. Y. Filed June 17, 1938.

Vega

For Photographic Apparatus—Namely, Cameras; Sensitized Photographic Films and Papers; Apparatus for Reproducing, Copying, and Enlarging Photographic Pictures and Parts Thereof; Apparatus for Projecting Photographic Pictures; Projection Screens; Camera Projector Supports and Stands; Tripods and Neckpods; Photographic Flood and Flash Lamps; Photographic Lighting Equipment; Photographic Dark Room Equipment—Namely, Developing Tanks and Trays, Developing Thermometers, Timers, and Film Racks; Viewing Boxes, Photographic Printing Masks, Filters, and Shades; Focusing and Synchronizing Devices; Electric Exposure and Optical Exposure Meters; Distance Meters; Lenses; also Telescopes and Microscopes.
Claims use since Jan. 15, 1935.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 406,471. TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938.

ROYAL WINDSOR

Exclusive use of "Windsor" is disclaimed apart from the mark.

For Silver and Silver Mounted Flatware (Implements With a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use), and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers, and Supports for Storing, Holding or Covering Foods, Liquids, or Commodities).
Claims use since February, 1936.

Ser. No. 406,479. TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938.

CHASED DIANA

Exclusive use of "Chased" is disclaimed apart from the mark.

For Silver and Silver Mounted Flatware (Implements With a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use), and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers, and Supports for Storing, Holding, or Covering Foods, Liquids, or Commodities).
Claims use since August, 1930.

Ser. No. 407,142. IRONS & RUSSELL COMPANY, Providence, R. I. Filed June 6, 1938.

I

For Jewelry for Personal Wear or Adornment Not Including Watches.
Claims use since 1870.

CLASS 30

Crockery, Earthenware, and Porcelain

Ser. No. 406,077. WERNER KRUGER, New York, N. Y. Filed May 6, 1938.

"Flamefast"

For Ceramic Cooking Ware.
Claims use since Oct. 1, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 405,374. TOBY CLARK, INC., New York, N. Y. Filed Apr. 16, 1938.

"Conversation"

For Folding Chairs.
Claims use since Apr. 8, 1938.

Ser. No. 407,537. THE COLUMBIA MILLS, INC., New York, N. Y. Filed June 16, 1938.

manor REDI—MADE

The term "Redi-Made" is disclaimed apart from the mark.

For Venetian Blinds.
Claims use since June 1, 1938.

Ser. No. 408,071. MUELLER FURNITURE CO., Grand Rapids, Mich. Filed June 30, 1938.

prodomo

For Upholstered Chairs and Settees.
Claims use since June 13, 1938.

Ser. No. 408,366. HOUGH SHADE CORPORATION, Janesville, Wis. Filed July 9, 1938.

BOCLAIR

For Porch Shades and Window Shades.
Claims use since June 2, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Nonmetallic Tires

Ser. No. 380,817. C. F. ADAMS, INCORPORATED, Fort Worth, Tex. Filed July 9, 1936.

ADAMS BULLDOG

No claim is made to the name "Adams" apart from the mark.

For Cup Leathers, Valve Leathers, Crimps, U Packing and Leather Washers for Water Wells or Mechanical Pumps, Treated, Untreated, Oiled, Dyed, or Graphited.
Claims use since 1917.

CLASS 36

Musical Instruments and Supplies

Ser. No. 404,872. TARG AND DINNER, INC., Chicago, Ill. Filed Apr. 4, 1938.

Olympian

The word "Olympian" is disclaimed apart from the mark.

For Musical String, Wind, and Percussion Instruments Consisting of Violins, Guitars, Ukuleles, Mandolins, Banjos, Tenor Banjos, Banjo Mandolins, Cornets, Trumpets, Trombones, Saxaphones, Horns, Alto Horns, Baritones, Bass Horns, French Horns, Mellophones, Sousaphones, Clarinets, Alto Clarinets, Bass Clarinets, Flutes, Piccolos, Bassoons, Oboes, English Horns, Bugles, Accordions, Piano Accordions, Drums, Mouth Harmonicas, Xylophones, and Accessories Consisting of Gut Strings, Steel Strings; Picks for Guitars, Mandolins, and Banjos; Guitar Steels, Extension Nuts; Bridges for Guitars, Mandolins, Banjos, and Violins; Guitar Capos, Rosin, Mutes for Violins, Trumpets, Trombones, and Cornets; Music Stands, Reeds, Pads, Drum Traps, Tambourines, and Jew's Harps.
Claims use since Aug. 1, 1931.

Ser. No. 407,489. THE CAPEHART, INCORPORATED, Fort Wayne, Ind. Filed June 15, 1938.

Panamuse

For Combination Radio and Automatic Phonographs.
Claims use since Mar. 10, 1938.

CLASS 37

Paper and Stationery

Ser. No. 406,737. STRATHMORE PAPER COMPANY, West Springfield, Mass. Filed May 25, 1938.

STRATHMORE

Applicant is the owner of United States trade-mark registrations 29,613, of March 2, 1897, which has been renewed, and 92,100 of June 17, 1913, which was effected under the ten-year proviso of the 1905 Act.
For Blue-Print and Drawing Papers.
Claims use since Dec. 1, 1895.

CLASS 38

Prints and Publications

Ser. No. 404,639. FISHING GAZETTE PUBLISHING CORP., New York, N. Y. Filed Mar. 30, 1938.

Fishing Gazette

Incorporating The Fishing News

For Periodical.
Claims use since 1879.

Ser. No. 405,800. C. CARLTON CARROLL, Troy, N. Y. Filed Apr. 28, 1938.

SLANTAGRAM

For Anagram Puzzle Published as a Newspaper Feature.
Claims use since Apr. 1, 1938.

Ser. No. 405,877. WALTER F. HEER, doing business as The Hunter Trader Trapper Co., Columbus, Ohio. Filed Apr. 30, 1938.

HUNTER TRADER TRAPPER

For Monthly Publication.
Claims use since Apr. 5, 1905.

Ser. No. 405,903. THE J. R. WATKINS COMPANY, Winona, Minn. Filed Apr. 30, 1938.



The portrait is fanciful.
For Newspaper Column Published From Time to Time.
Claims use since July 17, 1935.

Ser. No. 406,030. FRANK ROMER, Washington, D. C. Filed May 5, 1938.

Peculiarities Of People

By F. Romer

No claim is made to the words "F. Romer" apart from the mark.
For Special Featured Column for Newspapers, Magazines and the Like.
Claims use since Nov. 8, 1937.

Ser. No. 406,375. CRISS-CROSS DIRECTORY CO., Toledo, Ohio. Filed May 16, 1938.

CRISS-CROSS DIRECTORY

For Directories Published Periodically.
Claims use since November, 1929.

Ser. No. 406,622. BUZZA-CARDOZO, Los Angeles, Calif. Filed May 23, 1938.

A Fiesta CARD

No claim is made to the word "Card" apart from the mark shown.
For Greeting Cards for All Occasions.
Claims use since Feb. 1, 1938.

Ser. No. 406,662. CHARLES J. VER HALEN, doing business as Ver Halen Publications, Los Angeles, Calif. Filed May 23, 1938.

PHOTOGRAPHIC DEALER

For Magazine Published Periodically.
Claims use since May 20, 1935.

Ser. No. 406,700. WHO AND WHEN COMPANY, Louisville, Ky. Filed May 24, 1938.

WHO AND WHEN

For Directory of Manufacturers, Businesses, Buyers, and Sellers, Published Periodically at Varying Intervals.
Claims use since May, 1937.

Ser. No. 407,317. KNICKERBOCKER DECALCOMANIA, INC., New York, N. Y. Filed June 10, 1938.

KO-DECAL

For Decalcomanias.
Claims use since July 18, 1937.

Ser. No. 407,450. TRANSPORTATION NEWS PUBLISHING CO., INC., New York, N. Y. Filed June 13, 1938.

Trans Union News

For Newspaper.
Claims use since June 1, 1938.

Ser. No. 407,544. WALTER F. HEER, doing business as The Hunter Trader Trapper Co., Columbus, Ohio. Filed June 16, 1938.

Hunter-Trader-Trapper OUTDOORSMAN

For Monthly Publication.
Claims use since June 1, 1938.

CLASS 39

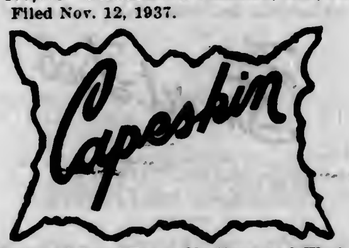
Clothing

Ser. No. 388,725. GEORGE PECK (LEICESTER) LIMITED, Leicester, England. Filed Feb. 10, 1937.



The portrait is that of the famous English admiral, Sir Francis Drake.
For Cardigans and Pullover Sweaters.
Claims use since 1934.

Ser. No. 399,673. NIRENBERG & SALZMAN, INC., New York, N. Y. Filed Nov. 12, 1937.



For Men's and Boys' Dress, Negligee, and Work Shirts; Pajamas, Underwear, Sweaters, Nightrobes, and Running Pants, All Made of Textile Fabrics.
Claims use since 1936.

Ser. No. 399,839. KLEIN & SOBELMAN, St. Louis, Mo. Filed Nov. 17, 1937.



For Ladies' Dresses.
Claims use since July, 1937.

Ser. No. 400,115. MAYER STERN UNDERGARMENT CO., INC., New York, N. Y. Filed Nov. 24, 1937.

Tulip

For Panties, Stepins, Bloomers, Vests, Gowns, Chemises, Slips, Petticoats; Blouses for Ladies and Boys; Polo Shirts for Men, Women, and Boys; Pajamas for Men, Women and Boys.
Claims use since June 21, 1937.

Ser. No. 401,357. MAX WIESEN & SONS CO. INC., New York, N. Y. Filed Dec. 29, 1937.

METROPOLITAN MISSY DRESSES

No claim is made to the words "Missy Dresses".
For Misses' Dresses.
Claims use since Dec. 1, 1937.

Ser. No. 402,906. FOX KNAPP MFG. CO., New York, N. Y. Filed Feb. 10, 1938.

WOOLMASTER

For Men's and Boys' Mackinaws and Sportswear—Namely, Coats, Lumber Jackets, Windbreakers, Ski Pants, Ski Jackets, and Ski Parkas, Made of Wool Material, Plain and Fancy Patterns.
Claims use since December, 1936.

Ser. No. 403,961. JACOB POLLACK & SONS, New York, N. Y. Filed Mar. 11, 1938.

Downsbury Fleece

The word "Fleece" is disclaimed apart from the mark as shown.
For Men's and Boys' Overcoats and Topcoats.
Claims use since June, 1933.

Ser. No. 404,775. MURRAY PRESSLAFF, New York, N. Y. Filed Apr. 1, 1938.

Spring Magic

For Ladies' and Misses' Blouses.
Claims use since Feb. 22, 1938.

Ser. No. 404,977. ARISTOC LIMITED, Langley Mill, England. Filed Apr. 7, 1938.

Aristoc
THE ARISTOCRAT OF SILK STOCKINGS

The words "The Aristocrat of Silk Stockings" are disclaimed apart from the mark.
For Silk Stockings.
Claims use since 1924.

Ser. No. 405,201. FRIENDLY KNITTING MILLS, INC., Brooklyn, N. Y. Filed Apr. 13, 1938.

LINETTE

For Knitted Sweaters.
Claims use since Mar. 1, 1938.

Ser. No. 405,472. AMERICAN MAID COMPANY, INC., Chicago, Ill. Filed Apr. 20, 1938.

Trico-lingette

Applicant disclaims the notation "Trico" apart from the mark.
For Wearing Apparel for Women and Children—Namely, Night Gowns, Pajamas, Slips, and Panties.
Claims use since Apr. 14, 1938.

Ser. No. 405,801. NAT ABELSON, New York, N. Y. Filed Apr. 28, 1938.



The word "Fashion" is disclaimed apart from the mark.
For Dresses for the Use of Women and Misses.
Claims use since Sept. 1, 1937.

Ser. No. 405,892. PICCADILLY HOSIERY MILLS, Philadelphia, Pa. Filed Apr. 30, 1938.

REAL McKOY

"TRAINED TO TAKE IT"

The name "McKoy" is disclaimed apart from the word "Real".
For Hosiery.
Claims use since Jan. 25, 1938.

Ser. No. 406,065. METZGER & COHEN, New York, N. Y. Filed May 6, 1938.

Checko

For Ladies' and Misses' Coats and Suits.
Claims use since Jan. 1, 1938.

Ser. No. 406,122. CONTOUR HOSIERY MILLS, Rockford, Ill. Filed May 9, 1938.

LADYSHEER

For Hosiery.
Claims use since Apr. 1, 1931.

Ser. No. 406,303. ROMAN STRIPE MILLS, INC., Easton, Pa., and New York, N. Y. Filed May 13, 1938.

CLEAR-GRAIN

The word "Clear" is disclaimed apart from the mark.
For Hosiery.
Claims use since Mar. 8, 1938.

Ser. No. 406,372. CARSON PIRIE SCOTT & COMPANY, Chicago, Ill. Filed May 16, 1938.

SUPER-STALWART

For Overalls.
Claims use since Apr. 15, 1938.

Ser. No. 406,403. SMART DEB FROCKS, INC., New York, N. Y. Filed May 16, 1938.

The Smart-Deb

For Women's and Misses' Dresses, Suits, Coats, Negligees, and Lounging Pajamas.
Claims use since March, 1933.

Ser. No. 406,509. ISAAC GINSBERG & BROS., INC., New York, N. Y. Filed May 19, 1938.

QUEEN MAKE OF THE MONTH

Applicant owns registration number 157,074, issued July 25, 1922.
For Dresses for Women, Misses, and Children.
Claims use since July, 1922.

Ser. No. 406,569. YOUNKER BROTHERS, INC., Des Moines, Iowa. Filed May 20, 1938.



The word "American" is disclaimed apart from the mark.
For Ladies' Silk Hosiery.
Claims use since May 25, 1909.

Ser. No. 406,583. THE ENRO SHIRT CO., Louisville, Ky. Filed May 21, 1938.

ENRO
SLEEPTOGS
Comfo-Ty

Applicant disclaims the terms "Sleeptogs" and "Ty".
For Men's Dress and Negligee Shirts, Sport Shirts, Pajamas, and Underwear.
Claims use since April, 1937.

Ser. No. 407,187. IRWIN, HOPWOOD & COMPANY, New York, N. Y. Filed June 7, 1938.



THE
Masked Designer

For Women's, Misses', and Children's Dresses.
Claims use since June 1, 1938.

Ser. No. 407,221. W. T. GRANT COMPANY, New York, N. Y. Filed June 8, 1938.

MAGIC BUYER

For Men's Hose.
Claims use since Aug. 27, 1927.

Ser. No. 407,228. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed June 8, 1938.

The SUNKOOL

For Men's and Boys' Suits.
Claims use since Apr. 20, 1938.

Ser. No. 407,272. LORD & TAYLOR, New York, N. Y. Filed June 9, 1938.

INSULATOR

For Men's, Women's, Boys', Girls', and Children's Coats and Overcoats.
Claims use since May 5, 1938.

Ser. No. 407,351. KLEVER KLAD FROCKS, INC., New York, N. Y. Filed June 11, 1938.



The word "Frocks" is disclaimed apart from the mark.
For Women's, Misses', and Children's Dresses of Woven Fabrics.
Claims use since Apr. 1, 1938.

Ser. No. 407,402. WAMSUTTA MILLS, New Bedford, Mass. Filed June 11, 1938.

Aqwa-cale

For Dress and Negligee Shirts, Shorts, Slacks, and Sportswear—Namely, Dresses, Blouses, and Jackets, for Men, Women, and Children.
Claims use since Oct. 19, 1937.

Ser. No. 407,584. DUTCHESS UNDERWEAR CORPORATION, New York, N. Y. Filed June 17, 1938.

PLEATEES

For Ladies' Underwear, Pajamas, Nightgowns, and Dresses.
Claims use since June 1, 1938.

Ser. No. 407,634. LEFKOVE & MEYERS, Miami, Fla. Filed June 18, 1938.



For Ladies', Misses', and Juniors' Coats and Suits.
Claims use since May 1, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 395,689. UNITED ELASTIC CORPORATION, Easthampton, Mass. Filed July 27, 1937.

Unetex

For Woven Elastic Fabrics of the Wider Widths, Including Rubber Thread and Any of the Common Textile Fibers, or Combinations of the Same, and Sold Both in the Piece and in Cut Lengths.
Claims use since Oct. 19, 1935.

Ser. No. 404,539. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Mar. 26, 1938.

DREAM COMFORTABLE

The word "Comfortable" is disclaimed apart from the mark.

For Comforts.

Claims use since Mar. 1, 1938.

Ser. No. 406,249. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y. Filed May 12, 1938.

H&H

Ural

The word "Ural" is disclaimed apart from the mark as shown.

For Plushes in the Piece Made of Silk, Cotton, Wool, and/or Combinations Thereof.

Claims use since Sept. 2, 1937.

Ser. No. 407,217. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed June 8, 1938.

BRUSHSTROKE

For Piece Goods Made Wholly or Partially of Cellulose Derivatives.

Claims use since June 6, 1938.

Ser. No. 407,246. RAYNIT MILLS, West New York, N. J. Filed June 8, 1938.

Peb-O-Ray

For Piece Goods Made from Rayon, Cotton, and Rayon and Cotton.

Claims use since May, 1938.

Ser. No. 407,247. RAYNIT MILLS, West New York, N. J. Filed June 8, 1938.

Raynit

For Piece Goods Made from Rayon, Cotton, and Rayon and Cotton.

Claims use since April, 1926.

Ser. No. 407,265. H. A. GITLIN & Co., New York, N. Y. Filed June 9, 1938.

BARRICINE SATIN

The word "Satin" is disclaimed apart from the mark.

For Satin Lining Fabrics in the Piece.

Claims use since March, 1937.

Ser. No. 407,277. S. T. PALAY TEXTILE CORPORATION, New York, N. Y. Filed June 9, 1938.

TABOBA

For Finished Piece Goods of Spun Rayon and Cotton Mixture.

Claims use since February, 1938.

Ser. No. 407,278. S. T. PALAY TEXTILE CORPORATION, New York, N. Y. Filed June 9, 1938.

SPUNGARB

For Finished Rayon Piece Goods.

Claims use since January, 1938.

Ser. No. 407,470. RAYON CORPORATION OF AMERICA, Allentown, Pa. Filed June 14, 1938.

R.C.A

FABRIC

No claim is made the word "Fabric" apart from the mark shown.

For Knitted Rayon Materials in the Piece.

Claims use since Sept. 10, 1936.

Ser. No. 407,490. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed June 15, 1938.

AYRSHEER

For Piece Goods Made Wholly or Partially of Cellulose Derivatives.

Claims use since June 13, 1938.

Ser. No. 407,556. PACKARD DRESSES, INC., New York, N. Y. Filed June 16, 1938.

MADE OF WASHABLE

TROPIC ISLE

The words "Made of Washable" are disclaimed apart from the mark.

For Piece Goods of Silk, Silk and Rayon, Cotton, Rayon, Wool, and Mixtures Thereof.

Claims use since Apr. 6, 1938.

Ser. No. 407,925. WAMSUTTA MILLS, New Bedford, Mass. Filed June 25, 1938.

H.T.L.

For Cotton Piece Goods, Sheets, and Pillow Cases.

Claims use since Dec. 24, 1935.

Ser. No. 407,927. WAMSUTTA MILLS, New Bedford, Mass. Filed June 25, 1938.

Velvacale

For Cotton Piece Goods, Sheets, and Pillow Cases.

Claims use since Nov. 19, 1937.

Ser. No. 408,000. ZEKARIA BROTHERS, New York, N. Y. Filed June 28, 1938.

Durinée

For Textile Fabrics in the Piece—Namely, Silk, Satin, Rayon, and Cotton Fabrics, and Mixtures Thereof.

Claims use since June 23, 1938.

Ser. No. 408,046. SIDNEY BLUMENTHAL & Co. INC., New York, N. Y. Filed June 30, 1938.

STRIEMO

For Pile Fabrics in the Piece Composed of Mohair and Cotton.

Claims use since June 23, 1938.

Ser. No. 408,073. NATIONAL DYEING AND PRINTING COMPANY, East Paterson, N. J. Filed June 30, 1938.

CLIMATIZED

For Piece Goods of Wool, Cotton, Silk, Rayon, Acetate, and Mixtures Thereof.

Claims use since May 6, 1938.

CLASS 43

Thread and Yarn

Ser. No. 407,022. HEIRLOOM NEEDLECRAFT GUILD, INC., New York, N. Y. Filed June 2, 1938.

DUCHESS

For Yarn.

Claims use since Mar. 11, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 400,136. SUPERWARMER CORPORATION, Newtonville, Mass. Filed Nov. 24, 1937.

KA-LO-RO

For Bed Conditioners. Particularly Earthenware Vessels for Holding Hot or Cold Water.

Claims use since Nov. 20, 1937.

Ser. No. 400,780. NORMA R. MCFADDEN, Kansas City, Mo., assignor to George J. Smith and Emil Metschan, doing business as a firm partnership, Kansas City, Mo. Filed Dec. 13, 1937.

STORK-AID

The term "Aid" is disclaimed apart from the mark shown.

For Absorption Pad in the Nature of a Relatively Large, Square Pad for Use Beneath the Patient During Childbirth, and Gauze Dressing.

Claims use since June 1, 1937.

Ser. No. 405,976. OPTIKOTECHNA SPOLEČNOST S R. O., Prerov, Czechoslovakia. Filed May 3, 1938.

For Trichinoscopes, Lamps for Medical Purposes—Namely, Lamps for the Irradiation of Small Cavities, and Lamps Fixed on a Stand for Various Medical Purposes To Be Used by Dentists, General Practitioners, Surgeons, and the Like.

Claims use since Oct. 3, 1936.

Ser. No. 406,991. SONOTONE CORPORATION, Elmsford, N. Y. Filed June 1, 1938.

PERCEPTICON

For Hearing-Aid Devices and Acoustic Elements and Accessories Thereof, Such as Sound Transmitters, Telephone Receivers, Hearing-Inducing Bone Oscillators, and Electric Sound Amplifiers.

Claims use since May 19, 1938.

Ser. No. 407,162. STANLEY LABORATORIES, INC., Portland, Oreg. Filed June 6, 1938.



The drawing is lined for sky blue, navy blue, and cream. The facial representation is fanciful.

For Sanitary Napkins.

Claims use since Oct. 15, 1935.

Ser. No. 407,373. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed June 11, 1938.

RESPOVAC

For Vacuum Inducing Therapeutic Apparatus.
Claims use since May, 1938.

Ser. No. 407,554. NATIONAL CELLULOSE CORPORATION, New York, N. Y. Filed June 16, 1938.

ARISTA

For Sanitary Napkins.
Claims use since May 23, 1938.

Ser. No. 407,592. HOSPITAL SPECIALTY COMPANY, Whitewater, Wis. Filed June 17, 1938.



The word "Brand" is disclaimed apart from the mark. The illustration and the name "Winnie Winne" are purely fanciful.
For Medicators.
Claims use since Dec. 1, 1937.

Ser. No. 407,907. K-Z Company, St. Louis, Mo. Filed June 25, 1938.



The word "Embalmer" is disclaimed apart from the mark.
For Electrically Driven Embalming Apparatus.
Claims use since Nov. 19, 1937.

Ser. No. 407,943. DETROIT DENTAL MANUFACTURING CO., Detroit, Mich. Filed June 27, 1938.

CRYSTOLEX

For Denture Materials.
Claims use since June 15, 1938.

Ser. No. 407,956. THE MCKESSON APPLIANCE CO., Toledo, Ohio. Filed June 27, 1938.

DERMALOR

For Diagnostic Apparatus for Checking Up the Condition of Patients Undergoing Treatment, Especially as to Departure from Normal as in Fever and Chill or Analogous Local Disturbances.
Claims use since May 20, 1938.

Ser. No. 408,036. ARTYPE DENTAL COMPANY, Harrisburg, Pa. Filed June 29, 1938.

ARTLUCENT

For Artificial Teeth.
Claims use since Feb. 18, 1938.

Ser. No. 408,200. E. A. MYERS & SONS, Mount Lebanon, Pittsburgh, Pa. Filed July 5, 1938.

UNIPHONE

For Electrically Operable Hearing Aids for Persons With Impaired Hearing.
Claims use since June 28, 1938.

Ser. No. 408,201. E. A. MYERS & SONS, Mount Lebanon, Pittsburgh, Pa. Filed July 5, 1938.

UNISCOPE

For Electrically Operable Apparatus for Prescribing Audiphones for Persons With Impaired Hearing.
Claims use since June 29, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 381,459. JERO PRODUCTS CO., Chicago, Ill. Filed July 25, 1936.

Château Jero



The drawing is lined for red.
For Non-Alcoholic, Maltless Syrups and Flavors for Soft Drinks and Mixers.
Claims use since Jan. 1, 1934.

Ser. No. 406,419. EMPIRE BOTTLING COMPANY, Malden, Mass. Filed May 17, 1938.



GREEN LIGHT

For Nonalcoholic, Maltless, Carbonated Beverages and Beverage Syrups.
Claims use since Jan. 5, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 387,764. TEN CROWN GUM CO., INC., Naugatuck, Conn. Filed Jan. 13, 1937.



TEN CROWN

For Chewing Gum.
Claims use since May 1, 1936.

Ser. No. 397,703. CHICAGO SMOKED FISH CO., Chicago, Ill. Filed Sept. 23, 1937.

AALEPH



For Smoked Fish, Pickled Fish, Salted Fish, and Canned Fish.
Claims use since Aug. 30, 1937.

Ser. No. 397,810. KERR'S BUTTER SCOTCH, INC., Brooklyn, N. Y. Filed Sept. 25, 1937.



Scotch Whip

No claim is made to the words "Scotch" and "Kerr's" apart from the mark.
For Candy.
Claims use since Aug. 9, 1937.

Ser. No. 400,354. FRANK PILLEY & SONS, INC., Omaha, Nebr. Filed Dec. 1, 1937.



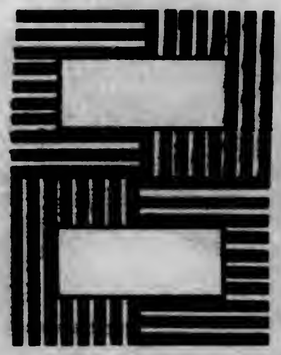
For Eggs, Dressed Poultry, Ice Cream, Buttermilk, Chocolate Milk, Cream, Fresh Milk, Cottage Cheese, and Condensed Buttermilk Used as a Poultry and Hog Feed.
Claims use since June 16, 1937.

Ser. No. 400,668. COMMERCIAL MILLING COMPANY, Detroit, Mich. Filed Dec. 9, 1937.



The word "Superstrength" is disclaimed apart from the mark. The drawing is lined for blue.
For Wheat Flour.
Claims use since July 30, 1937.

Ser. No. 401,636. CHARLESTON MILLING COMPANY, Charleston, W. Va. Filed Jan. 6, 1938.



The coloring of the mark is as follows: The successive broad lines are colored blue, red, and yellow in the order named. The outermost broad line of each block of lines is colored blue. The borders of the panels are colored blue. The background is neutral or unbleached cotton color.
For Dairy Feed.
Claims use since November, 1936.

Ser. No. 401,637. CHARLESTON MILLING COMPANY, Charleston, W. Va. Filed Jan. 6, 1938.



Applicant is the owner of United States Trade-Mark Certificate No. 349,513, issued August 31, 1937. The coloring of the mark is as follows: All the fine lining is in blue lines, both criss-cross and single parallel lines showing against a yellow background. The broader single lines are red, and the broader double lines, that is, those extending in pairs are yellow. The background and predominant color is yellow, except the squares embracing the intersections of said broader double lines, which squares are solid blue. The inner and outer defining lines of the mark are blue.

For Wheat Flour.

Claims use since December, 1936.

Ser. No. 403,616. CLAIRE LUCILLE SPECHT, doing business as Vegetable Products Co., Rochester, N. Y. Filed Mar. 2, 1938.



The word "Health" is disclaimed apart from the mark. The drawing is lined for blue.

For Foods—Namely, Soya Bean Flour, Soya Bean Milk Powder, Soya Bean Breakfast Cracks (Breakfast Cereal), and Wheat Germ (Supplementary Food).

Claims use since Feb. 18, 1938.

Ser. No. 403,878. FRED J. SCHLAMP, Queens, Long Island, N. Y. Filed Mar. 9, 1938.

WORLDS' FAIR
COFFEE
FRESH ROASTED

No claim is made to the words "Coffee Fresh Roasted" apart from the mark shown.

For Coffee.

Claims use since December, 1935.

Ser. No. 404,041. ROBERT M. GARDINER, San Francisco, Calif. Filed Mar. 14, 1938.

ALASKIMO

For Fish and Shellfish Contained in Cans.

Claims use on canned fish, namely, salmon, since Mar. 9, 1938; on canned shellfish, namely, on razor clams, since Apr. 29, 1935; on butter clams since Apr. 23, 1927; and on crab-meat per trade-mark registration as above, namely, since Apr. 19, 1934.

Ser. No. 404,565. FRUIT SERVICE, INC., Boston, Mass. Filed Mar. 28, 1938.



The drawing is lined for red. The words "Fresh", "Sliced", "Daily", "Brand" are disclaimed apart from the mark.

For Pie and Pastry Fillings Comprising Lemon, Orange, Coconut and Other Custards, Mincemeat, and Freshly Prepared and Non-Oxidizing Apples, Apricots, Bananas, Blackberries, Blueberries, Cherries, Cranberries, Dates, Figs, Gooseberries, Huckleberries, Loganberries, Peaches, Persimmons, Pineapples, Plums, Prunes, Pumpkin, Raspberries, Rhubarb, Squash, Strawberries, and Other Fruits and Vegetables Customarily Used in Pie and Pastry Fillings, and Fillings Made from Such Fruits and Vegetables.

Claims use since Jan. 1, 1938.

Ser. No. 404,583. POPMATIC MANUFACTURING COMPANY, St. Louis, Mo. Filed Mar. 28, 1938.

POPmaticORN

The words "Pop" and "Corn" are disclaimed apart from the mark.

For Popped and Unpopped Popcorn.

Claims use since Jan. 3, 1938.

Ser. No. 404,739. CLARENCE G. ASH, Huntington Park, Calif. Filed Apr. 1, 1938.



For Bird, Fish, Dog, Cat, Fox, Poultry, Rabbit, Monkey, Rat, Mice, and Squirrel Foods.

Claims use since Mar. 15, 1937.

Ser. No. 404,979. BLISH MILLING COMPANY, Seymour, Ind., Filed Apr. 7, 1938.



For Wheat-Flour, Self-Rising Flour, Cake Flour, Graham Flour, and Pancake Flour.

Claims use since Mar. 1, 1914.

Ser. No. 405,909. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Apr. 30, 1938.

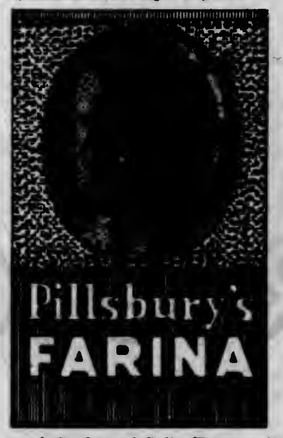


The photograph is that of Sally Frances Skinner.

For Farina.

Claims use since Sept. 6, 1934.

Ser. No. 405,910. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Apr. 30, 1938.



The photograph is that of Sally Frances Skinner. The word "Farina" is disclaimed apart from the mark.

For Farina.

Claims use since Sept. 6, 1934.

Ser. No. 406,152. ROBILIO & CUNEO, Memphis, Tenn. Filed May 9, 1938.



The words "Ronco" and "Tasty" are disclaimed apart from the mark.

For Macaroni Dinner Comprising Macaroni and Grated Cheese.

Claims use since Mar. 23, 1938.

Ser. No. 406,609. VOINVIENTI-OSUUSLIIKE VALIO R. L., Helsingfors, Finland. Filed May 21, 1938.



For Cheese.

Claims use since Apr. 30, 1937.

Ser. No. 406,707. H. E. BUTT GROCERY COMPANY, Harlingen, Tex. Filed May 25, 1938.

H.E.B.

For Canned Fruits, Canned Vegetables, and Canned Fruit Juices for Food Purposes.

Claims use since Apr. 30, 1938.

Ser. No. 407,256. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y. Filed June 9, 1938.

SALEX

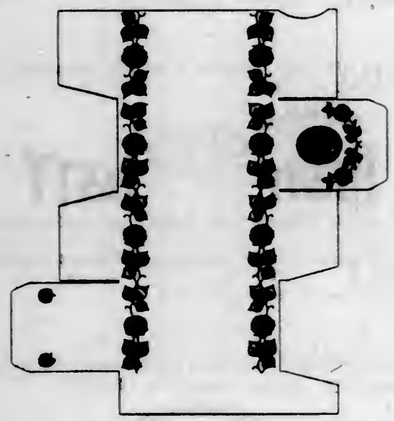
For Cornstarch.
Claims use since May 17, 1938.

Ser. No. 407,331. DR. W. J. ROSS CO., Los Alamitos, Calif. Filed June 10, 1938.

ROSCO

For Canned Dog Food.
Claims use since June 1, 1938.

Ser. No. 407,336. SWIFT AND COMPANY, Chicago, Ill. Filed June 10, 1938.



No claim is made to the representation of a carton apart from the mark shown.
For Butter.
Claims use since Apr. 7, 1937.

Ser. No. 407,389. SIOUX HONEY ASSOCIATION, COOPERATIVE, doing business as Clovermaid Products Co., Sioux City, Iowa. Filed June 11, 1938.

CLOVER MAID



For Honey.
Claims use since 1930.

Ser. No. 407,417. EZEKIEL M. BATTAT, doing business as Battat Import-Export Company, San Francisco, Calif. Filed June 13, 1938.

FERTILAND BRAND

No claim is made to the word "Brand".
For Canned Fruit.
Claims use since Oct. 20, 1937.

Ser. No. 407,439. NORTHWEST APPLE EXPORTERS, Yakima, Wash. Filed June 13, 1938.

NAPEX

For Fresh Deciduous Fruits.
Claims use since June, 1938.

Ser. No. 407,494. A. HOWARD FINGAR, Hudson, N. Y. Filed June 15, 1938.

SUNNYBROOK POULTRY FARM

The words "Poultry Farm" are disclaimed apart from the mark.
For Live Poultry and Baby Chicks.
Claims use since Jan. 7, 1922.

Ser. No. 407,573. WILLIAMSON CANDY COMPANY, Chicago, Ill. Filed June 16, 1938.

Dining Car

For Candy.
Claims use since June 1, 1938.

CLASS 47

Wines

Ser. No. 400,572. SCHENLEY IMPORT CORPORATION, New York, N. Y. Filed Dec. 7, 1937.

ZENITH

For Wines.
Claims use since May 14, 1937.

Ser. No. 405,439. ELLENA BROTHERS, Etiwanda, Calif. Filed Apr. 19, 1938.

PINK CHEVRON

For Champagne.
Claims use since Apr. 8, 1938.

CLASS 48

Malt Beverages and Liquors

Ser. No. 407,223. HAMPDEN BREWING COMPANY, Williamsett, Mass. Filed June 8, 1938.



No claim is made to the words apart from the mark.
For Ale and Beer.
Claims use since May 15, 1938.

CLASS 49

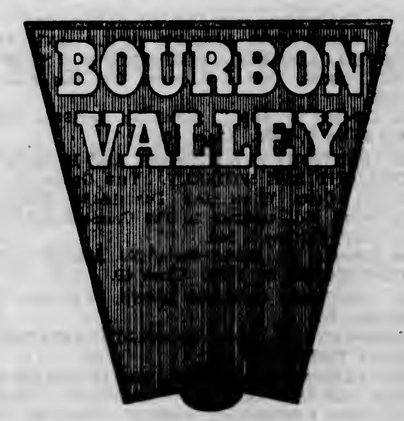
Distilled Alcoholic Liquors

Ser. No. 403,267. KRAUS BROS. & CO., INC., New York, N. Y. Filed Feb. 21, 1938.

OLD MOSE

For Whiskies, Gins, and Alcoholic Cordials.
Claims use since February, 1917.

Ser. No. 408,140. WATHEN BROTHERS, Bardstown, Ky. Filed July 1, 1938.



The drawing is lined for the colors red and gold. No claim is made to the word "Bourbon" apart from the mark.
For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Mar. 11, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

AUGUST 16, 1938

359,331. PRESERVED PEELED CHILE AND PRESERVED CALIFORNIA PIMIENTOS FOR SEASONING FOODS. ROYAL PACKING CO., Los Angeles, Calif.
Filed October 29, 1935. Serial No. 370,965. PUBLISHED JUNE 7, 1938. Class 46.

359,332. STRAIGHT RYE WHISKEY AND BLENDS OF STRAIGHT RYE WHISKEY. THE GREEN SPRING VALLEY CLUB WINE AND DISTILLING COMPANY, Baltimore, Md., assignor to The Crosse & Blackwell Company, Baltimore, Md.
Filed February 29, 1936. Serial No. 375,529. PUBLISHED OCTOBER 20, 1936. Class 49.

359,333. ELECTRIC CURLING IRONS. WALGREEN CO., Chicago, Ill.
Filed June 27, 1936. Serial No. 380,370. PUBLISHED MARCH 23, 1937. Class 21.

359,334. ELECTRICAL AND RADIO INSTRUMENTS AND DEVICES—NAMELY, ANALYZING, TESTING, AND FREQUENCY METERS, AMPERE AND VOLT METERS, ETC. COMMUNICATION INSTRUMENTS, INC., New York, N. Y.
Filed August 27, 1936. Serial No. 382,973. PUBLISHED JUNE 7, 1938. Class 26.

359,335. MILK, CREAM, BUTTERMILK, BUTTER, AND EGGS. C. J. WIELAND & SON, INC., Chicago, Ill.
Filed September 14, 1936. Serial No. 383,244. PUBLISHED JUNE 7, 1938. Class 46.

359,336. RADIO BROADCASTING APPARATUS SUCH AS TRANSMITTERS, RECTIFIERS, HARMONIC FILTERS, FREQUENCY MONITORS, AND ANY AND ALL COMPONENT OR ACCESSORY EQUIPMENT HERETO, ETC. DRAMIN DANIEL JONES, Jersey City, N. J.
Filed January 14, 1937. Serial No. 387,787. PUBLISHED JUNE 22, 1937. Class 21.

359,337. ELECTRICALLY OPERATED ADVERTISEMENT DISPLAY DEVICES. INTERNATIONAL MUTOSCOPE REEL CO. INC., New York, N. Y.
Filed February 27, 1937. Serial No. 389,462. PUBLISHED JUNE 7, 1938. Class 21.

359,338. HORSE AND MULE FEED, COW FEED, BULKY MIXER, LAYING MASH, HEN BATTERY MASH, GROWING MASH, ETC. WESTERN GRAIN COMPANY, Birmingham, Ala.
Filed March 12, 1937. Serial No. 389,955. PUBLISHED JUNE 8, 1937. Class 46.

359,339. SPARK PLUGS. SUPER-POWER SPARK PLUG CO., Oakland, Calif.
Filed March 17, 1937. Serial No. 390,187. PUBLISHED JUNE 7, 1938. Class 21.

359,340. MATERIAL HANDLING EQUIPMENT—NAMELY, PORTABLE ELEVATORS. BARRETT-CRAVENS COMPANY, Chicago, Ill.
Filed March 22, 1937. Serial No. 390,348. PUBLISHED JUNE 7, 1938. Class 23.

359,341. WOOLEN GOODS IN THE PIECE AND IN CUT LENGTHS. S. STEIN & CO., New York, N. Y.
Filed March 23, 1937. Serial No. 390,424. PUBLISHED JUNE 7, 1938. Class 42.

359,342. BLENDED SCOTCH TYPE WHISKEY, GIN, CORDIALS, AND LIQUEURS. MANY, BLANC & CO., INC., Chicago, Ill.
Filed April 17, 1937. Serial No. 391,483. PUBLISHED JUNE 14, 1938. Class 49.

359,343. FRUIT JUICES FOR BEVERAGE PURPOSES. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif.
Filed April 20, 1937. Serial No. 391,598. PUBLISHED JUNE 15, 1937. Class 45.

359,344. A TO Z INDEX GUIDES, ART GUM ERASERS, LOOSE LEAF BINDERS, BLOTTERS, BOND PADS, PAPER BOOK COVERS, ETC. BERKSON BROS., INC., Chicago, Ill.
Filed April 22, 1937. Serial No. 391,681. PUBLISHED FEBRUARY 8, 1938. Class 37.

359,345. ROOFING MATERIAL. LLOYD A. FRY ROOFING CO., Chicago, Ill.
Filed April 23, 1937. Serial No. 391,755. PUBLISHED MAY 24, 1938. Class 12.

359,346. HARNESS FOR TEAMS—BUGGY, EXPRESS, PONY, GOAT, DOG, AND BABY; BRIDLES, LINES, HAME STRAPS, TRACES, EXPRESS AND RIDING SADDLES, ETC. THE SCHAFER COMPANY, Decatur, Ind.
Filed May 25, 1937. Serial No. 393,233. PUBLISHED DECEMBER 21, 1937. Class 3.

359,347. CONCENTRATED PREPARATION, PREFERABLY IN POWDER FORM, FORTIFIED WITH THE INGREDIENTS OF IRON, CALCIUM, AND PHOSPHATE, AND ADAPTED TO BE DISSOLVED IN MILK OR THE LIKE TO PROVIDE A NUTRITIOUS AND NOURISHING FOOD BEVERAGE. FRANKLIN H. HALL, Kenton, Ohio.
Filed June 2, 1937. Serial No. 393,534. PUBLISHED JUNE 7, 1938. Class 46.

359,348. PRESERVED FISH AND PICKLED OLIVES. BERNARDINO JOSE BORGES, Lisbon, Portugal.
Filed July 12, 1937. Serial No. 395,120. PUBLISHED JUNE 7, 1938. Class 46.

359,349. GLASS CONTAINERS HAVING A METALLIC JACKET FOR PROTECTIVE PURPOSES FOR TRANSPORTING AND DISPENSING OF SYRUPS, EXTRACTS, AND OTHER LIQUID FOOD PRODUCTS. COFFEE PRODUCTS CORPORATION, New York, N. Y.
Filed August 12, 1937. Serial No. 396,297. PUBLISHED JUNE 7, 1938. Class 2.

359,350. POP CORN IN ITS NATURAL STATE. THE BARTELDES SEED COMPANY, Lawrence, Kans.
Filed August 16, 1937. Serial No. 396,441. PUBLISHED JUNE 7, 1938. Class 46.

359,351. APPARATUS FOR MAKING PRINTS, SUCH AS BLUE PRINTS, TRACINGS, HELIOGRAPHS, AND THE LIKE. QUARZLAMPEN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Hanau, Germany.
Filed September 10, 1937. Serial No. 397,299. PUBLISHED JUNE 7, 1938. Class 26.

359,352. RUFFLED AND TAILORED CURTAINS, HAND-TAILORED BEDSPREADS OF SILK AND RAYON; PIECE GOODS, ETC. MEIER & FRANK COMPANY, INC., Portland, Oreg.
Filed September 27, 1937. Serial No. 397,858. PUBLISHED JANUARY 25, 1938. Class 42.

359,353. RADIO AND TELEPHONE RECEIVING DEVICES AND EQUIPMENT AND PARTS THEREOF. DICTOGRAPH PRODUCTS COMPANY, INC., New York, N. Y.
Filed October 4, 1937. Serial No. 398,098. PUBLISHED JUNE 7, 1938. Class 21.

359,354. WEIGHTING SYSTEMS OF THE CHARACTER USED WITH THE DRAWING MECHANISMS FOR SPINNING, TWISTING, AND ROVING FRAMES. SACO-LOWELL SHOPS, Boston, Mass., assignor to Saco-Lowell Shops, Biddeford, Maine, a corporation of Maine.
Filed October 8, 1937. Serial No. 398,292. PUBLISHED JUNE 7, 1938. Class 23.

359,355. POPCORN CANDY CONFECTION. WILLIAM G. ANGELOS, doing business as Pop Scotch Co., Freeport Ill.
Filed November 1, 1937. Serial No. 399,220. PUBLISHED APRIL 26, 1938. Class 46.

359,356. FRESH PEACHES. ALBERT M. GREENE, Ashland, Mass.
Filed November 20, 1937. Serial No. 399,964. PUBLISHED JUNE 7, 1938. Class 46.

359,357. SHOE BAGS. HELEN B. DE MOTT, Santa Barbara, Calif.
Filed November 23, 1937. Serial No. 400,050. PUBLISHED JUNE 7, 1938. Class 2.

359,358. ACCORDIONS. PATTI BROS. ACCORDION MFG. CO., Milwaukee, Wis.
Filed November 26, 1937. Serial No. 400,170. PUBLISHED JUNE 7, 1938. Class 36.

359,359. WHISKEY. WOODFORD COUNTY DISTILLERY CO., INCORPORATED, St. Louis, Mo.
Filed November 29, 1937. Serial No. 400,268. PUBLISHED JANUARY 25, 1938. Class 49.

359,360. MODIFIED AND COMPOUNDED VEGETABLE OIL FOR CHANGING CAPILLARY PROPERTIES OF OIL-CONTAINING MATERIALS FOR USE IN CONFECTIONS, CHOCOLATE, BAKING, SHORTENINGS, AND OTHER FOOD STUFFS. W. A. CLEARY CORPORATION, New Brunswick, N. J.
Filed December 8, 1937. Serial No. 400,590. PUBLISHED JUNE 7, 1938. Class 46.

359,361. SUGAR. J. ARON & COMPANY, INC., New Orleans, La.
Filed December 31, 1937. Serial No. 401,423. PUBLISHED MAY 31, 1938. Class 46.

359,362. WALNUTS AND ALMONDS. PACIFIC COAST NUT HOUSE, San Jose, Calif.
Filed December 31, 1937. Serial No. 401,540. PUBLISHED MAY 24, 1938. Class 46.

359,363. FRESH CITRUS FRUITS. WESLACO CITRUS ASSOCIATION, Weslaco, Tex.
Filed January 6, 1938. Serial No. 401,635. PUBLISHED JUNE 7, 1938. Class 46.

359,364. FLUID FOR CLEANING AND REMOVING DIRT FROM FABRICS. SPRA-O-WAY PRODUCTS CO., Seattle, Wash.
Filed January 7, 1938. Serial No. 401,682. PUBLISHED JUNE 7, 1938. Class 4.

359,365. WOOLEN BLANKETS. PENN DRY GOODS COMPANY, Philadelphia, Pa.
Filed January 10, 1938. Serial No. 401,755. PUBLISHED JUNE 7, 1938. Class 42.

359,366. WHEAT FLOUR. TEX-O-KAN FLOUR MILLS COMPANY, Dallas, Tex.
Filed January 17, 1938. Serial No. 402,034. PUBLISHED JUNE 7, 1938. Class 46.

359,367. SCOTCH WHISKEY. HAIG & HAIG LIMITED, Glasgow, Scotland.
Filed January 19, 1938. Serial No. 402,092. PUBLISHED JUNE 7, 1938. Class 49.

359,368. VARIOUS FORMS OF SAUSAGE. HEBREW NATIONAL KOSHER SAUSAGE COMPANY, INC., New York, N. Y.
Filed January 20, 1938. Serial No. 402,150. PUBLISHED JUNE 7, 1938. Class 46.

359,369. PREPARED DESSERT POWDERS MADE IN VARIOUS FLAVORS. PENICK & FORD, LTD. INCORPORATED, New York, N. Y.
Filed February 4, 1938. Serial No. 402,693. PUBLISHED JUNE 7, 1938. Class 46.

359,370. CINEMATOGRAPHIC APPARATUS—NAMELY, CAMERAS, PROJECTORS, PICTURE COPYING APPARATUS, FILM DEVELOPERS, AND APPARATUS FOR RECORDING SOUND ON SENSITIZED FILM. ANDRÉ LÉON VICTOR CLÉMENT DEBRIE, doing business as Etablissements André Debrie, Paris, France.
Filed February 9, 1938. Serial No. 402,851. PUBLISHED JUNE 7, 1938. Class 26.

359,371. LUBRICATING OIL. CONTINENTAL OIL COMPANY, Ponca City, Okla.
Filed February 10, 1938. Serial No. 402,894. PUBLISHED APRIL 12, 1938. Class 15.

359,372. DISC HARROWS. FARM TOOLS, INC., Mansfield, Ohio.
Filed February 11, 1938. Serial No. 402,939. PUBLISHED JUNE 7, 1938. Class 23.

359,373. SPADES, RAKES, CROWBARS, PICKS, SLEDGES, HAMMERS, TONGS, FILES, RASPS, WRENCHES, SCREWDRIVERS, DRILLS, AXES, PLANING TOOLS, SAWS, KNIVES, MACHINE KNIVES, AND OTHER EDGE TOOLS. SANDVIKENS JERNVERKS AKTIEBOLAG, Sandviken, Sweden.
Filed February 14, 1938. Serial No. 403,018. PUBLISHED JUNE 7, 1938. Class 23.

359,374. PRODUCTS MADE FROM A LATEX COMPOSITION—NAMELY, WORKS OF ART IN THE NATURE OF STATUARY AND FIGURINES, ORNAMENTAL PLAQUES, ADVERTISING AND DECORATIVE DISPLAY MODELS, AND DECORATIVE MASKS. SUPERLATEX PRODUCTS INC., New York, N. Y.
Filed February 15, 1938. Serial No. 403,062. PUBLISHED JUNE 7, 1938. Class 50.

359,375. AMPLIFYING AND OSCILLOGRAPHIC RECORDING SYSTEMS FOR THE PURPOSE OF INVESTIGATING THE ELECTRICAL POTENTIALS GENERATED BY THE BRAIN. ELECTRO-MEDICAL LABORATORY, INC., Holliston, Mass.
Filed February 23, 1938. Serial No. 403,236. PUBLISHED JUNE 7, 1938. Class 26.

359,376. GASOLINE AND FUEL OIL. FARMO FUEL CORPORATION, Shreveport, La.
Filed February 21, 1938. Serial No. 403,248. PUBLISHED APRIL 19, 1938. Class 15.

359,377. SOY CHEESE, SOY MILK, SOY CAKE, SOY BUTTER, SOY FLOUR, SOY DOUGHNUTS, ROAST SOY BEANS, SOY COOKIES. GREAT EASTERN INDUSTRIAL CO., also doing business as Great Eastern Food Products Company, Los Angeles, Calif.
Filed February 23, 1938. Serial No. 403,311. PUBLISHED JUNE 7, 1938. Class 46.

359,378. PICKLES, PICKLED ONIONS, AND SWEET RELISHES AND PEPPER RELISHES. C. C. LANG & SON, INC., Baltimore, Md.
Filed March 1, 1938. Serial No. 403,550. PUBLISHED JUNE 7, 1938. Class 46.

359,379. RAZOR BLADES. WINDSOR LLOYD PRODUCTS, INC., Wilmington, Del.
Filed March 1, 1938. Serial No. 403,573. PUBLISHED JUNE 7, 1938. Class 23.

359,380. COFFEE. CARE'S INC., Janesville, Wis..
Filed March 2, 1938. Serial No. 403,579. PUBLISHED JUNE 7, 1938. Class 46.

359,381. BRIC-A-BRAC FORMED OF POTTERY OR CERAMIC MATERIALS. LENOX, INCORPORATED, Trenton, N. J.
Filed March 3, 1938. Serial No. 403,655. PUBLISHED JUNE 7, 1938. Class 50.

359,382. OLIVES, OLIVE OIL, SPICES, AND CHEESE, AND CANNED FISH. ADOLPH GOLDMARK & SONS CORP., New York, N. Y.
Filed March 4, 1938. Serial No. 403,688. PUBLISHED JUNE 7, 1938. Class 46.

359,383. REFRIGERATORS. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 4, 1938. Serial No. 403,693. PUBLISHED JUNE 7, 1938. Class 31.

359,384. STRETCHABLE FABRIC IN THE PIECE MADE WITH COVERED RUBBER OR LATEX YARN. BURTON HALL, New York, N. Y.
Filed March 7, 1938. Serial No. 403,766. PUBLISHED JUNE 7, 1938. Class 42.

359,385. MEASURING INSTRUMENT—TO WIT, A PLANIMETER. AERIAL EXPLORATIONS, INC., Long Island City, N. Y.
Filed March 14, 1938. Serial No. 404,025. PUBLISHED JUNE 7, 1938. Class 26.

359,386. INDICATING, RECORDING, AND CONTROL INSTRUMENTS — NAMELY, THERMOMETERS AND TELETHERMOMETERS AND PARTS THEREOF. THE AMERICAN TEMPERATURE INDICATING COMPANY, Toledo, Ohio.
Filed March 14, 1938. Serial No. 404,026. PUBLISHED JUNE 7, 1938. Class 26.

359,387. TOILET TISSUE AND TOILET PAPER. BIRMINGHAM WOODENWARE COMPANY, Birmingham, Ala.
Filed March 14, 1938. Serial No. 404,071. PUBLISHED JUNE 7, 1938. Class 37.

359,388. HOMINY FEED FOR STOCK AND SUPPLEMENT DAIRY FEED. WESTERN GRAIN COMPANY, Birmingham, Ala.
Filed March 16, 1938. Serial No. 404,143. PUBLISHED MAY 31, 1938. Class 46.

359,389. PROTECTION GLASS FOR SIGHT OPENINGS OF HELMETS AND GOGGLES. WILLSON PRODUCTS, INC., Reading Pa.
Filed March 16, 1938. Serial No. 404,149. PUBLISHED JUNE 7, 1938. Class 26.

359,390. HAND SEED SOWERS. THE CYCLONE SEEDER COMPANY, Urbana, Ind.
Filed March 18, 1938. Serial No. 404,205. PUBLISHED JUNE 7, 1938. Class 23.

359,391. CLOTH IN THE PIECE OF WOOL. NEW ENGLAND FIBRE BLANKET COMPANY, Worcester, Mass.
Filed March 19, 1938. Serial No. 404,260. PUBLISHED JUNE 7, 1938. Class 42.

359,392. PURE RYE WHISKEY. THE BALTIMORE PURE RYE DISTILLING COMPANY, Dundalk, Md.
Filed March 21, 1938. Serial No. 404,286. PUBLISHED JUNE 7, 1938. Class 49.

359,393. PURE RYE WHISKEY. THE BALTIMORE PURE RYE DISTILLING COMPANY, Dundalk, Md.
Filed March 21, 1938. Serial No. 404,287. PUBLISHED JUNE 7, 1938. Class 49.

359,394. BUILDING AND MASONRY CEMENT. TRINITY PORTLAND CEMENT COMPANY, Chicago, Ill.
Filed March 21, 1938. Serial No. 404,334. PUBLISHED MAY 31, 1938. Class 12.

359,395. FUR SKINS. JOHN E. AWAD, Bethel, Conn.
Filed March 22, 1938. Serial No. 404,346. PUBLISHED JUNE 7, 1938. Class 1.

359,396. BEER. WASHINGTON BREWERIES, INC., Columbus, Ohio.
Filed March 28, 1938. Serial No. 404,594. PUBLISHED JUNE 7, 1938. Class 48.

359,397. FILLED COMFORTERS AND BLANKETS. ISABELLE F. HEBERLEE, doing business as Heberlee's Air-Lite Bedding Co., Seattle, Wash.
Filed April 1, 1938. Serial No. 404,759. PUBLISHED JUNE 7, 1938. Class 42.

359,398. NAVY BEANS. MICHIGAN BEAN COMPANY, Saginaw, Mich.
Filed April 2, 1938. Serial No. 404,815. PUBLISHED JUNE 7, 1938. Class 46.

359,399. TYPEWRITERS, KNIVES, SPATULAE, CAN OPENERS, CARPET SWEEPERS, VACUUM CLEANERS, RAZOR BLADES, AND SEWING MACHINES. R. H. MACY & CO., INC., New York, N. Y.
Filed April 4, 1938. Serial No. 404,800. PUBLISHED JUNE 7, 1938. Class 23.

359,400. PIANOS. CHAS. M. STIEFF, INCORPORATED, Baltimore, Md.
Filed April 4, 1938. Serial No. 404,869. PUBLISHED JUNE 7, 1938. Class 36.

359,401. FRESH VEGETABLES. DEZAUCHE & SON, Opelousas, La.
Filed April 5, 1938. Serial No. 404,887. PUBLISHED JUNE 7, 1938. Class 46.

359,402. WOOLEN AND WORSTED PIECE GOODS. JAMESTOWN WORSTED MILLS, Jamestown and New York, N. Y.
Filed April 5, 1938. Serial No. 404,899. PUBLISHED JUNE 7, 1938. Class 42.

359,403. ELECTRIC RAZORS. MATCH KING, INC., Chicago, Ill.
Filed April 6, 1938. Serial No. 404,946. PUBLISHED JUNE 7, 1938. Class 23.

359,404. CIGARS. A. SIEGEL & SONS, INC., New York, N. Y.
Filed April 6, 1938. Serial No. 404,956. PUBLISHED JUNE 7, 1938. Class 17.

359,405. PHOTOGRAPHIC LENSES. UNIVERSAL CAMERA CORPORATION, New York, N. Y.
Filed April 6, 1938. Serial No. 404,968. PUBLISHED JUNE 7, 1938. Class 26.

359,406. PROCESSED PIECE GOODS MADE OF COTTON AND LEATHER. ACME BACKING CORPORATION, New York and Brooklyn, N. Y.
Filed April 8, 1938. Serial No. 405,004. PUBLISHED JUNE 7, 1938. Class 50.

359,407. RYE, BOURBON, SCOTCH AND IRISH WHISKIES, GIN, RUM, COGNAC, BRANDY, AND ALCOHOLIC CORDIALS. THE PADDINGTON CORPORATION, New York, N. Y.
Filed April 8, 1938. Serial No. 405,034. PUBLISHED JUNE 7, 1938. Class 49.

359,408. CANNED FOOD FOR DOGS, CATS, AND CARNIVOROUS ANIMALS. ATLAS CANNING COMPANY, INC., New York and Glendale, N. Y.
Filed April 9, 1938. Serial No. 405,052. PUBLISHED JUNE 7, 1938. Class 46.

359,409. BOURBON WHISKEY. LONDON & COMPANY, INC., Elizabeth, N. J.
Filed April 11, 1938. Serial No. 405,123. PUBLISHED JUNE 7, 1938. Class 49.

359,410. POLYVINYL ACETATE RESINS. SHAWINIGAN PRODUCTS CORPORATION, New York, N. Y.
Filed April 11, 1938. Serial No. 405,136. PUBLISHED JUNE 7, 1938. Class 1.

359,411. COMBINATION SHELVES AND STORAGE BIN COVERS IN REFRIGERATORS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed April 14, 1938. Serial No. 405,277. PUBLISHED JUNE 7, 1938. Class 31.

359,412. BLANKETS, QUILTS, AND CARRIAGE COVERS. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 15, 1938. Serial No. 405,286. PUBLISHED JUNE 7, 1938. Class 42.

359,413. WOVEN FIBER FABRICS—VIZ., RUGS, CARPETS, AND PIECE GOODS, THE YARNS FOR WHICH ARE OF TWISTED PAPER, RAYON, CELLULOSE FILM, AND THE LIKE. HODGES CARPET COMPANY, Indian Orchard, Mass.
Filed April 15, 1938. Serial No. 405,298. PUBLISHED JUNE 7, 1938. Class 42.

359,414. CANNED NON-ALCOHOLIC CITRUS JUICES FOR BEVERAGE PURPOSES. MUTUAL ORANGE DISTRIBUTORS, Redlands, Calif.
Filed April 15, 1938. Serial No. 405,313. PUBLISHED JUNE 7, 1938. Class 46.

359,415. SELF-RISING FLOUR. SOUTHERN GROCERY STORES, INC., Atlanta, Ga.
Filed April 15, 1938. Serial No. 405,328. PUBLISHED JUNE 7, 1938. Class 46.

359,416. WHEAT FLOUR. THE MIDLAND FLOUR MILLING COMPANY, Kansas City, Mo.
Filed April 16, 1938. Serial No. 405,365. PUBLISHED JUNE 7, 1938. Class 46.

359,417. WRIST WATCHES. THE GRUEN WATCH COMPANY, Cincinnati and Time Hill, Cincinnati, Ohio.
Filed April 18, 1938. Serial No. 405,388. PUBLISHED JUNE 7, 1938. Class 27.

359,418. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. THE OLD QUAKER COMPANY, Lawrenceburg, Ind.
Filed April 19, 1938. Serial No. 405,459. PUBLISHED JUNE 7, 1938. Class 49.

359,419. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. JOSEPH S. FINCH AND COMPANY, New York, N. Y., and Schenley, Pa.
Filed April 21, 1938. Serial No. 405,551. PUBLISHED JUNE 7, 1938. Class 49.

359,420. WHISKEY. PENNSYLVANIA DISTILLING CO., INC., Logansport, Pa.
Filed April 30, 1938. Serial No. 405,889. PUBLISHED JUNE 7, 1938. Class 49.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

359,421. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE A. HESS, Pittsburgh, Pa. Filed June 8, 1936. Serial No. 379,428.

"DEXTROSIZED"

For Weiners.
Claims use since Apr. 30, 1936.

359,422. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) BOWES SEAL FAST CORPORATION, Indianapolis, Ind. Filed Nov. 12, 1936. Serial No. 385,376.

FIX THE CASING, TOO

For Portable Patching Kits for Mending Pneumatic Tires and Tubes and for Casing Patches.
Claims use since July 10, 1936.

359,423. (CLASS 39. CLOTHING.) HERBERT HOSIERY MILLS, INC., Norristown, Pa. Filed Apr. 14, 1937. Serial No. 391,324.

Herbest

For Hosiery and Ladies', Children's, and Infants' Underwear.
Claims use since Mar. 25, 1937.

359,424. (CLASS 39. CLOTHING.) ARONSON-CAPLIN COMPANY, INC., New York, N. Y. Filed Apr. 29, 1937. Serial No. 392,008.

SNIPAWAY

For Women's Apparel Comprising Slips, Bloomers, Petticoats, Nightgowns, Chemises, Step-Ins, Panties.
Claims use since Apr. 1, 1937.

359,425. (CLASS 12. CONSTRUCTION MATERIALS.) COLONIAL LUMBER SPECIALTIES, INC., Jersey City, N. J. Filed June 2, 1937. Serial No. 393,525.

Early American

For Wooden Shingles.
Claims use since Jan. 9, 1937.

359,426. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COLLINS & AIKMAN CORPORATION, Philadelphia, Pa., and New York, N. Y. Filed June 16, 1937. Serial No. 394,126.

"DOESKIN VELVET"

For Pile Fabrics Comprising Cotton, Silk, Wool, Mohair, Synthetic Threads and/or Blends of the Same in the Piece and Cut Lengths.
Claims use since June 9, 1937.

359,427. (CLASS 38. PRINTS AND PUBLICATIONS.) DELL PUBLISHING COMPANY, INC., New York, N. Y. Filed June 30, 1937. Serial No. 394,699.

By Ann Willis

For Section of a Magazine.
Claims use since May, 1937.

359,428. (CLASS 12. CONSTRUCTION MATERIALS.) THE RUBEROID CO., Bonnybrook, N. J., and New York, N. Y. Filed July 3, 1937. Serial No. 394,860.

KRAFLINED

For Rock Wool Bats.
Claims use since on or about June 8, 1937.

359,429. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MECCA CITRUS ASSOCIATION, Mecca, Calif. Filed July 19, 1937. Serial No. 395,424.

MECCA

For Fresh Citrus Fruit, Grapes, and Fresh Dates.
Claims use since May 3, 1922, for fresh citrus fruit; since June 23, 1937, for fresh grapes; and since June 24, 1937, for fresh dates.

359,430. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE REVLON NAIL ENAMEL CORPORATION, New York, N. Y. Filed July 30, 1937. Serial No. 395,835.

NASSAU

For Enamel Adapted for Coating Finger Nails.
Claims use since Mar. 19, 1937.

359,431. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE REVLON NAIL ENAMEL CORPORATION, New York, N. Y. Filed July 30, 1937. Serial No. 395,836.

NEWPORT

For Enamel Adapted for Coating Finger Nails.
Claims use since Mar. 19, 1937.

359,432. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) WEIDLICH STERLING SPOON CO., Bridgeport, Conn. Filed Aug. 12, 1937. Serial No. 396,329.

Salisbury

For Silverware—Namely, Hollow-Ware and Flat-Ware; Gold and Silver Plated Ware—Namely, Cake Baskets, Cake Trays, Relish Dishes, Bon-Bon Dishes, Salt and Pepper Sets, Roll Baskets, Water Pitchers, Candle Sticks, Sandwich Plates, Sugar Bowl and Creamer, Ash Trays and Trophies.
Claims use since June 4, 1937.

359,433. (CLASS 38. PRINTS AND PUBLICATIONS.) UNITED FEATURE SYNDICATE, INC., New York, N. Y. Filed Oct. 13, 1937. Serial No. 398,445.

JASPER

For Comic Drawings Published in a Series in Daily and Sunday Newspapers.
Claims use since June 7, 1937.

359,434. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CASTYPE CORPORATION, Chicago, Ill. Filed Dec. 9, 1937. Serial No. 400,630.

CASTYPE

For Type Casting and Setting Machines, Matrices, Typewriters.
Claims use since Jan. 1, 1927.

359,435. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SARATOGA CEREAL PRODUCTS, INC., Ballston Lake, N. Y. Filed Jan. 31, 1938. Serial No. 402,540.

HEART OF BUCKWHEAT

For Cereal Products—Namely, Buckwheat Grits and Buckwheat Groats.
Claims use since Oct. 12, 1932.

359,436. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) DAVID LONDON, doing business as The Como-Cleen Company, Baltimore, Md. Filed Feb. 2, 1938. Serial No. 402,617.

COMO CLEEN

For General Cleaner for Combs, Brushes, and the Like.
Claims use since July 1, 1922.

359,437. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) THE CRONIN CHINA COMPANY, Minerva, Ohio. Filed Feb. 24, 1938. Serial No. 403,361.

Sevilla

For Semi-Porcelain Ware—Namely, Dishes.
Claims use since July 10, 1937.

359,438. (CLASS 48. MALT BEVERAGES AND LIQUORS.) THE BURKHARDT BREWING CO., Akron, Ohio. Filed Mar. 21, 1938. Serial No. 404,391.

mug ale

For Ale.
Claims use since May, 1936.

359,439. (CLASS 38. PRINTS AND PUBLICATIONS.) ROBERT W. SHIELDS, doing business as The Birth-Dated Calendar Company, Parma, Ohio. Filed Apr. 22, 1938. Serial No. 405,756.

BIRTH-DATED

For Calendars.
Claims use since Jan. 4, 1937.

359,440. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) HATTIE CARNEGIE, INC., New York, N. Y. Filed May 10, 1938. Serial No. 406,173.

Hattie Carnegie

For Jewelry—Namely, Buckles and Buttons Made in Whole or in Part of Precious Metal or Plated with the Same, Bracelets, Bracelet Chains and Links, Brooches and Pins, Ear Rings, Pendants, Finger and Scarf Rings, Lockets, Lavalieres, Breast Pins, and Necklaces.
Claims use since Jan. 1, 1919.

359,441. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH E. MCCOY, M. D. AND COMPANY, Thief River Falls, Minn. Filed May 16, 1938. Serial No. 406,397.

Dr. Joseph E. McCoy's

For Medicinal Preparation for the Treatment of Stomach Ulcers.
Claims use since Aug. 31, 1936.

359,442. (CLASS 12. CONSTRUCTION MATERIALS.) IRVING IRON WORKS COMPANY, Long Island City, N. Y. Filed May 26, 1938. Serial No. 406,759.

IRVING DECKING

For Panels of Steel Grating for Use in Making Open Mesh Floors for Highway Bridges.
Claims use since Oct. 9, 1934.

359,443. (CLASS 47. WINES.) LOMBARDI WINE COMPANY, Los Angeles, Calif. Filed June 6, 1938. Serial No. 407,150.

LOMBARDI

For Wines.
Claims use since Dec. 6, 1933.

TRADE-MARK REGISTRATIONS RENEWED

122,272. EVAPORATED MILK. Registered July 16, 1918. GRAND LEDGE MILK CO. Renewed July 16, 1938, to Detroit Creamery Company, Detroit, Mich., a corporation of Michigan, successor.

122,291. WRAPPING-PAPER. Registered July 16, 1918. THE UNION PAPER AND TWINE COMPANY, Cleveland, Ohio, a corporation of Ohio. Renewed July 16, 1938.

122,292. TOILET-PAPER. Registered July 16, 1918. THE UNION PAPER AND TWINE COMPANY, Cleveland, Ohio, a corporation of Ohio. Renewed July 16, 1938.

122,399. CERTAIN NAMED PHARMACEUTICAL PREPARATIONS FOR TOILET PURPOSES. Registered July 30, 1918. HELENA J. TITUS. Renewed July 30, 1938, to Helena Rubinstein, Inc., New York, N. Y., a corporation of New York, assignee.

122,437. SPUN-SILK YARN, MACHINE-TWIST KNITTING-SILK, REELED SILK, AND SEWING-SILK. Registered August 20, 1918. CHENEY BROTHERS, South Manchester, Conn., a corporation of Connecticut. Renewed August 20, 1938.

122,456. CERTAIN NAMED FOODS. Registered August 20, 1918. FORT DODGE GROCERY COMPANY, Fort Dodge, Iowa, a corporation of Iowa. Renewed August 20, 1938.

122,529. A PHENOLIC CONDENSATION PRODUCT FOR CERTAIN NAMED USES. Registered August 20, 1918. REDMANOL CHEMICAL PRODUCTS CO., Chicago, Ill. Renewed August 20, 1938, to Bakelite Corporation, New York, N. Y., a corporation of Delaware, assignee.

122,703. METAL BURIAL-CASKETS. Registered September 10, 1918. F. H. HILL CO., Chicago, Ill. Renewed September 10, 1938, to F. H. Hill Company, Inc., Cleveland, Ohio, a corporation of Ohio, assignee.

122,746. BROAD SILKS AND SATINS IN THE PIECE. Registered September 10, 1918. THE SCHWARZENBACH HUBER COMPANY, New York, N. Y., a corporation of New Jersey. Renewed September 10, 1938.

122,913. AUTOMOBILES. Registered September 24, 1918. ROLLS-ROYCE LIMITED, Toronto, Ontario, Canada. Renewed September 24, 1938, to Rolls-Royce Limited, London, England, a corporation of Great Britain, assignee by mesne assignments.

123,010. TWINES, CLOTHES-LINES, AND SEAMING-CORDS. Registered October 8, 1918. AMERICAN CORE-TWINE COMPANY. Renewed October 8, 1938, to American Core-Twine Corporation, Boston, Mass., a corporation of Massachusetts, successor.

123,210. FABRIC GLOVES. Registered October 22, 1918. CROWN GLOVE COMPANY. Renewed October 22, 1938, to Julius Kayser & Co., New York, N. Y., a corporation of New York, assignee.

123,864. NEWSPAPER-SECTIONS. Registered December 10, 1918. STAR COMPANY. Renewed December 10, 1938, to King Features Syndicate, Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

123,871. RUBBER HOSE AND HOSE MADE OF A COMPOSITION OF RUBBER OR RUBBER AND FABRIC. Registered December 10, 1918. VOORHEES RUBBER MFG. CO., Jersey City, N. J. Renewed December 10, 1938, to Voorhees Rubber Mfg. Co., Inc., New York, N. Y., a corporation of Delaware, assignee by mesne assignments.

123,938. A PREPARATION FOR THE TREATMENT OF CERTAIN NAMED DISEASES AND AFFECTIONS. Registered December 24, 1918. OTIS CLAPP & SON INC. Renewed December 24, 1938, to Otis Clapp & Son, Inc., Boston, Mass., a corporation of Massachusetts, assignee.

124,008. LUBRICANTS CONSISTING OF OILS AND GREASES. Registered December 21, 1918. KEYSTONE LUBRICATING COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Renewed December 31, 1938.

124,054. BABBITT METAL. Registered December 31, 1918. SYRACUSE SMELTING WORKS, Brooklyn, N. Y., a corporation of New York. Renewed December 31, 1938.

124,096. CHOCOLATE-COVERED CANDY. Registered January 14, 1919. GORDON, WOLF, COWEN CO., INC., New York, N. Y., a corporation of New York. Renewed January 14, 1939.

LABELS

REGISTERED AUGUST 16, 1938

51,606.—*Title:* DONNER. For Mountain Bartletts. AUBURN FRUIT EXCHANGE, Auburn, Calif. Published May 8, 1938.

51,607.—*Title:* RED HORSE ROMAICA. For Rum. D. J. BIELSOFF PRODUCTS CO., Chicago, Ill. Published June 15, 1938.

51,608.—*Title:* RED HORSE SLOE GIN. For Sloe Gin. D. J. BIELZOFF PRODUCTS CO., Chicago, Ill. Published June 16, 1938.

51,609.—*Title:* OCEAN CITY, GRAYS HARBOR, MINCED RAZOR CLAMS. For Minced Razor Clams. H. W. BODEY, Ocean City, Wash. Published July 5, 1938.

51,610.—*Title:* SUNSIDE FARM CO. For Real Apple Jelly. STELLA DUSTIN BRADBURY, doing business as Sunside Farm Co., Acton, Mass. Published January 22, 1938.

51,611.—*Title:* ARNAUD'S SAUCE. For Sauce for Shrimp, Other Sea Food, Hors d'Oeuvres, Etc. LEON ARNAUD CAZENAVE, doing business as Arnaud's Restaurant, New Orleans, La. Published July 5, 1938.

51,612.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published July 8, 1938.

51,613.—*Title:* BATTLEFIELD. For Coffee. CLEVELAND COFFEE COMPANY, Houston, Tex. Published May 2, 1938.

51,614.—*Title:* COMLY CEL-O-CEE DISPLAYS. For Transparent Window Box Displays. COMLY, INC., Philadelphia, Pa. Published January 10, 1938.

51,615.—*Title:* COMLY COM-PAC NESTING. For Nesting Boxes. COMLY, INC., Philadelphia, Pa. Published January 10, 1938.

51,616.—*Title:* CROWN NEWS. For News. CROWN ZELLERBACH CORPORATION, San Francisco, Calif. Published April 20, 1938.

51,617.—*Title:* CROWN NEWS. For News. CROWN ZELLERBACH CORPORATION, San Francisco, Calif. Published April 20, 1938.

51,618.—*Title:* ALL AMERICAN. For Beer. THE EILERT BREWING COMPANY, Cleveland, Ohio. Published May 26, 1938.

51,619.—*Title:* GOLDEN GLINT. For a Hair Rinse for Blondes. GOLDEN GLINT COMPANY, INC., Seattle, Wash. Published June 29, 1937.

51,620.—*Title:* GOLDEN GLINT. For a Hair Rinse for Auburn Shades. GOLDEN GLINT COMPANY, INC., Seattle, Wash. Published June 3, 1937.

51,621.—*Title:* GOLDEN GLINT. For a Shampoo. GOLDEN GLINT COMPANY, INC., Seattle, Wash. Published June 3, 1937.

51,622.—*Title:* TENNESSEE VALLEY. For Butter. HENEGAR BROS., Pulaski, Tenn. Published May 15, 1938.

51,623.—*Title:* THE CO-OPERATIVE SHOE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published October 14, 1937.

51,624.—*Title:* MORSE SHOES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published November 22, 1937.

51,625.—*Title:* DEBONAIR TIE-KERCHIEF ENSEMBLE. For Tie and Kerchief Ensembles. KINGLY NECKWEAR COMPANY, Chicago, Ill. Published June 14, 1938.

51,626.—*Title:* THE ALL AMERICAN SLIP. For Slips. CHARLES KOMAR & SONS, New York, N. Y. Published July 14, 1938.

51,627.—*Title:* FLUXINE CHART. For Fluxes, Rods, and Spelters for Joining Metals. OTTMAR M. KREMBS, doing business as Krembs & Company, Chicago, Ill. Published May 2, 1938.

51,628.—*Title:* MEAD'S THIAMIN CHLORIDE TABLETS. For Thiamin Chloride Tablets. MEAD JOHNSON & COMPANY, Evansville, Ind. Published May 29, 1938.

51,629.—*Title:* MEAD'S NICOTINIC ACID TABLETS. For Nicotinic Acid Tablets. MEAD JOHNSON & COMPANY, Evansville, Ind. Published May 20, 1938.

51,630.—*Title:* MEAD'S CEVITAMIC ACID TABLETS. For Cevitamic Acid Tablets. MEAD JOHNSON & COMPANY, Evansville, Ind. Published May 29, 1938.

51,631.—*Title:* MENASHA BREAD. For Bread. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published June 27, 1938.

51,632.—*Title:* EXTRA GOOD BREAD. For Bread. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published June 27, 1938.

51,633.—*Title:* AL MORRISON'S ALFALFA-KELP LOTION. For Lotion. ALFRED MARION MORRISON, Oakland, Calif. Published May 18, 1938.

51,634.—*Title:* ENERGY (BLEACH). For Household Bleach. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published October 1, 1937.

51,635.—*Title:* SHURFINE (BUTTER). For Butter. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 1, 1937.

51,636.—*Title:* VIKING (SALT). For Table Salt. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published May 2, 1938.

51,637.—*Title:* PICKANINNY. For Molasses. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Published July 10, 1938.

51,638.—*Title:* EVERYBODY'S. For Cane and Corn Syrup. PENICK & FORD, LTD. INC., New York, N. Y. Published July 9, 1938.

51,639.—*Title:* HILLSDALE BUTTER. For Butter. POLLOCK PAPER & BOX COMPANY, Dallas, Tex. Published July 2, 1938.

51,640.—*Title:* NO-D-KA. For Tooth Paste. MARION V. REID, West Springfield, Mass. Published February 19, 1938.

51,641.—*Title:* LUZIANNE COFFEE AND CHICORY (WHITE LABEL). For Blend of Coffee and Chicory. WM. B. REILY & COMPANY, INC., New Orleans, La. Published May 1, 1938.

51,642.—*Title:* LUZIANNE COFFEE AND CHICORY (RED LABEL). For Blend of Coffee and Chicory. WM. B. REILY & COMPANY, INC., New Orleans, La. Published May 1, 1938.

51,643.—*Title:* LONGCHAMPS BITTERSWEET CHOCOLATES. For Chocolates. RESTAURANTS AND PATISSERIES LONGCHAMPS, INC., New York, N. Y. Published May 1, 1938.

51,644.—*Title:* RESINILLA. For a Concentrate of Pure Vanilla. RESINILLA CONCENTRATES, INCORPORATED, St. Louis, Mo. Published June 11, 1938.

51,645.—*Title:* SAXON. For Epsom Salt. ROYAL MANUFACTURING CO. OF DUQUESNE, doing business as Saxon Laboratories, Duquesne, Pa. Published May 23, 1938.

51,646.—*Title:* STAINEX. For a Stain Remover. STAINEX COMPANY, Leavenworth, Kans. Published May 17, 1938.

51,647.—*Title:* SEDECOL. For Mild and Palatable Expectorant. ULMER PHARMACAL COMPANY, Minneapolis, Minn. Published July 8, 1938.

51,648.—*Title:* HOLLYWOOD STAR. For Circulator and Cleansing Cream. ANNA WOLFE, Los Angeles, Calif. Published June 8, 1938.

LABELS RENEWED

14,930. "SCHREIBER BEER" FOR BEER. Registered June 29, 1909. A. SCHREIBER BREWING COMPANY. Renewed June 29, 1937, to Schreiber Brewing Company, Inc., Buffalo, N. Y., a corporation of New York, assignee by mesne assignments.

14,979. "MANRU LAGER" FOR BEER. Registered June 29, 1909. A. SCHREIBER BREWING CO. Renewed June 29, 1937, to Schreiber Brewing Company, Inc., Buffalo, N. Y., a corporation of New York, assignee by mesne assignments.

PRINTS

REGISTERED AUGUST 16, 1938

16,905.—*Title:* IT'S THE TOPS. . . . THIS "BREAKFAST OF CHAMPIONS". For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published July 5, 1938.

16,966.—*Title:* MYRNA'S MISTAKE. For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published July 10, 1938.

16,967.—*Title:* BATH-O-BLOOM. For a Water Softener. MONROE CHEMICAL COMPANY, Quincy, Mass. Published February 22, 1938.

16,968.—*Title:* KOOL-AID. For Powder for Making Sherbets, Frozen Suckers, and Soft Drinks. PERKINS PRODUCTS COMPANY, Chicago, Ill. Published June 9, 1937.

16,969.—*Title:* THE RIGHT ROAD AD. NO. 4,605. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 20, 1938.

16,970.—*Title:* YOU SHO KNOW WHAT'S BEST AD. NO. 4,608. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 4, 1938.

16,971.—*Title:* HOLD ON TO PABST AD. NO. 4,609. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 21, 1938.

16,972.—*Title:* GOOD TASTE FOR 94 YEARS PABST AD. NO. 4,612. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published April 21, 1938.

16,973.—*Title:* PABST GOOD TASTE FOR 94 YEARS AD. NO. 4,613. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 14, 1938.

16,974.—*Title:* FOR SMOOTH SAILING AD. NO. 4,615. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 20, 1938.

16,975.—*Title:* SURE TO BE WELCOME AD. NO. 4,616. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published April 19, 1938.

16,976.—*Title:* ALWAYS IN GOOD COMPANY AD. NO. 4,617. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 12, 1938.

16,977.—*Title:* THE BEER WITH A TRADITION FOR QUALITY AD. NO. 4,618. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 26, 1938.

16,978.—*Title:* FAITHFULLY YOURS AD. NO. 4,619. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 28, 1938.

16,979.—*Title:* A FRIEND OF FIVE GENERATIONS AD. NO. 4,620. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 16, 1938.

16,980.—*Title:* THE RIGHT NOTE AD. NO. 4,623. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 28, 1938.

16,981.—*Title:* WELCOME LEGIONNAIRES AD. NO. 2,624. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 26, 1938.

16,982.—*Title:* PABST GOOD TASTE FOR 94 YEARS AD. NO. 940. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 1, 1938.

16,983.—*Title:* PABST GOOD TASTE FOR 94 YEARS AD. NO. 941. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 1, 1938.

16,984.—*Title:* PABST AD. NO. 944. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published March 1, 1938.

16,985.—*Title:* FAITHFULLY YOURS AD. NO. 945. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 14, 1938.

16,986.—*Title:* PABST AD. NO. 946. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published April 1, 1938.

16,987.—*Title:* PABST AD. NO. 947. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published April 1, 1938.

16,988.—*Title:* PABST AD. NO. 948. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 1, 1938.

16,989.—*Title:* THE RIGHT ROAD AD. NO. 958. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 1, 1938.

16,990.—*Title:* THE RIGHT NOTE AD. NO. 960. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 15, 1938.

16,991.—*Title:* ALWAYS IN GOOD COMPANY AD. NO. 980. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 1, 1938.

16,992.—*Title:* PABST AD. NO. 984. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published May 1, 1938.

16,993.—*Title:* PABST AD. NO. 985. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 1, 1938.

16,994.—*Title:* PABST AD. NO. 986. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 1, 1938.

16,995.—*Title:* PABST AD. NO. 990. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 1, 1938.

16,996.—*Title:* PABST AD. NO. 1007. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 1, 1938.

16,997.—*Title:* PABST GOOD TASTE FOR 94 YEARS AD. NO. 1012. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 1, 1938.

16,998.—*Title:* PABST GOOD TASTE FOR 94 YEARS AD. NO. 1034. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 1, 1938.

16,999.—*Title:* WORKING FOR YOU AD. NO. 1037. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published June 1, 1938.

17,000.—*Title:* PABST AD. NO. 1050. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 5, 1938.

17,001.—*Title:* WORKING FOR YOU AD. NO. 1061. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published July 1, 1938.

17,002.—*Title:* GETAWAY WITH ORANGE PAN-AM GASOLINE. For Gasoline and Motor Oils. STEPHEN SLESINGER, INC., New York, N. Y. Published January 11, 1938.

17,003.—*Title:* KEEP AWAY FROM BIG BILLS—USE PAN-AM MOTOR OIL. For Gasoline and Motor Oils. STEPHEN SLESINGER, INC., New York, N. Y. Published January 11, 1938.

17,004.—*Title:* I'VE PROVEN IT! PAN-AM MEN LUBRICATE EVERY POINT. For Gasoline and Motor Oils. STEPHEN SLESINGER, INC., New York, N. Y. Published January 11, 1938.

17,005.—*Title:* ACH MAMA! HOW SWEET DER MOTOR MIT PAN-AM MOTOR OIL. For Gasoline and Motor Oils. STEPHEN SLESINGER, INC., New York, N. Y. Published January 11, 1938.

17,006.—*Title:* GET ONE WITH ORANGE PAN-AM ELLA, MORE MILEAGE. For Gasoline and Motor Oils. STEPHEN SLESINGER, INC., New York, N. Y. Published January 11, 1938.

17,007.—*Title:* DEEP BUFFED LEATHER. For Upholstery Leather. TANNERS' COUNCIL OF AMERICA, New York, N. Y. Published June 18, 1938.

17,008.—*Title:* FULL TOP GRAIN LEATHER. For Upholstery Leather. TANNERS' COUNCIL OF AMERICA, New York, N. Y. Published June 18, 1938.

17,009.—*Title:* SNUFFED TOP GRAIN LEATHER. For Upholstery Leather. TANNERS' COUNCIL OF AMERICA, New York, N. Y. Published June 18, 1938.

17,010.—*Title:* MACHINE BUFFED LEATHER. For Upholstery Leather. TANNERS' COUNCIL OF AMERICA, New York, N. Y. Published June 18, 1938.

17,011.—*Title:* MEDIUM BUFFED LEATHER. For Upholstery Leather. TANNERS' COUNCIL OF AMERICA, New York, N. Y. Published June 18, 1938.

REISSUES

AUGUST 16, 1938

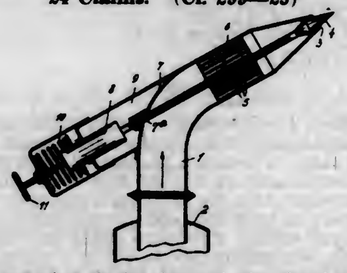
20,826

SPRAYER EMPLOYED IN WATERING AREAS OF LAND

Wilm Kind, Berlin-Haselhorst, Gustav Schenk, Brunswick, and Hugo Richard Busch, Wetzlar, Germany, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany

Original No. 1,984,531, dated December 18, 1934, Serial No. 584,142, December 31, 1931. Application for reissue December 12, 1936, Serial No. 115,644. In Germany January 6, 1931

24 Claims. (Cl. 299—25)



9. A spraying device for watering land and the like comprising a conduit provided with a discharge nozzle, a pressure accumulator connected to said conduit close to said nozzle and in constant open communication with said conduit and adapted to alternately store fluid therein and discharge it into said conduit, a source of fluid under pressure in constant open communication with said conduit, a closure for said discharge nozzle, means yieldably urging the closure to closed position, and means associated with said closure constructed and arranged to be operated by the pressure of fluid accumulated in said accumulator and conduit when said pressure reaches a predetermined amount to overcome said yieldable means and move said closure to open position to permit discharge of accumulated fluid, the resultant fall in pressure enabling said yieldable means to return the closure to closed position to permit a repetition of the cycle.

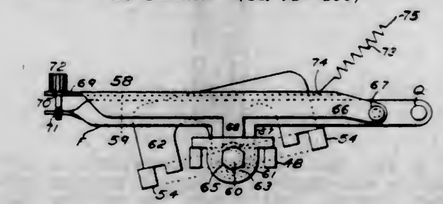
20,827

MEANS AND METHOD FOR TURNING ROTATABLE OBJECTS TO PREDETERMINED POSITIONS

Le Roy J. Leishman, Los Angeles, Calif.

Original No. 2,108,538, dated February 15, 1938, Serial No. 149,245, June 19, 1937, which is a division of Serial No. 757,644, December 15, 1934. Application for reissue May 23, 1938, Serial No. 209,594

12 Claims. (Cl. 74—480)



1. A combination including a plurality of rotatable members having a common axis, a lever manually movable in a plane transverse to said axis, a plurality of adjustable members pivoted to said lever at a point substantially as far from the fulcrum of said lever as said axis is from said fulcrum, each of said adjustable members adapted to engage one of said rotatable members upon movement of said lever, and to move said rotatable member to a predetermined angular position, and means for fixing said adjustable members upon their pivots in predetermined angular positions at will.

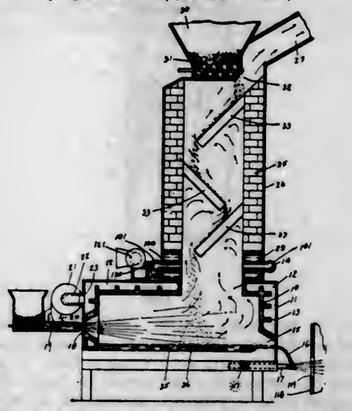
20,828

PROCESS AND FURNACE FOR MAKING MINERAL WOOL

Edward R. Powell, Cleveland Heights, Ohio, assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y., a corporation of New York

Original No. 2,057,393, dated October 13, 1936, Serial No. 295,675, July 27, 1928. Renewed January 31, 1935. Application for reissue March 3, 1938, Serial No. 193,639

7 Claims. (Cl. 49—77.5)



3. In making mineral wool, the method which comprises melting a suitable material of the type described, discharging the molten product in a plurality of streams of differing viscosities, and shredding the material in the several streams into mineral wool.

20,829

CENTRIFUGAL BASKET CONSTRUCTION

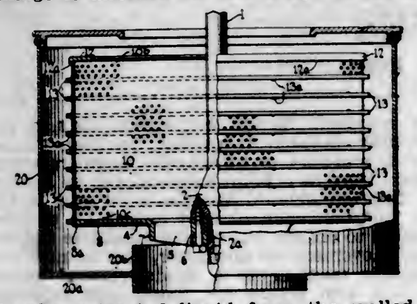
Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah, a corporation of Utah

Original No. 1,992,964, dated March 5, 1935, Serial No. 658,544, February 25, 1933. Application for reissue November 19, 1936. Serial No. 111,645

10 Claims. (Cl. 210—76)

1. A centrifugal basket of the type described comprising appropriate top and bottom members and a perforated peripheral wall integrally united therewith, said wall comprising a heavy metallic sheet bent into cylindrical form with its abutting end edges integrally welded together and having substantially uniformly spaced outlet openings, all of which are of equal radial depth throughout whereby equal and uniform

drainage is afforded for the escape of the centrifugally extracted liquid from the walled up material in the basket.

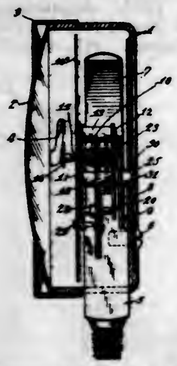


20,830
PRESSURE GAUGE

Hans Seegers, Chicago, Ill., assignor to Jas. P. Marsh Corporation, Chicago, Ill., a corporation of Illinois

Original No. 2,100,754, dated November 30, 1937, Serial No. 746,802, October 4, 1934. Application for reissue June 30, 1938, Serial No. 216,690

12 Claims. (Cl. 73—109)



1. In a pressure gauge of the character described, a fitting for supporting said gauge and for connection with a pressure line, a pressure responsive element connected to said fitting, a graduated dial, a pointer arranged to move over said dial, and an indicator-operating mechanism assembled as a unit for actuating said pointer in response to said pressure element, said indicator-operating mechanism comprising a support detachably secured to said fitting, a transmission between said pressure element and said pointer, said transmission being mounted in a frame and said frame being pivotally mounted upon said support at the axis of said pointer, and a rotatable adjusting member mounted on said detachable support and having an eccentric portion co-operating with said frame to move said frame and thereby to adjust said pointer by rotary movement of said adjusting member.

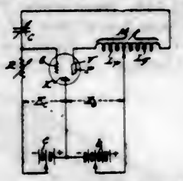
20,831
ELECTRONIC MUSICAL INSTRUMENT

Gilbert Smiley, Hingham, Mass., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill., a corporation of Delaware

Original No. 2,083,246, dated June 8, 1937, Serial No. 700,836, December 4, 1933. Application for reissue March 28, 1938, Serial No. 198,617

23 Claims. (Cl. 84—1)

13. In an electrical musical instrument for the simultaneous playing of a plurality of musical notes, the combination of a generator of electrical impulses of relatively high frequency, a first frequency divider stage for producing electrical impulses of a lower harmonically related frequency, said first stage comprising a multi-electrode electron discharge device having an input circuit and two output circuits, the input circuit of said first stage including a first connection to supply a signal from said generator to said first stage, a second frequency divider stage for producing electrical impulses of still lower harmonically related frequency, said second frequency divider stage comprising an electron discharge device having an input circuit and an output circuit, one of the output circuits of said first stage including a second



connection for carrying a signal from said first frequency divider stage to the input circuit of said second stage, a common transmission circuit, the other output circuit of said first stage including a third connection for carrying a signal from said first stage to said common transmission circuit, the output circuit of said second stage including a fourth connection for carrying a signal from said second stage to said common transmission circuit, an impedance in one of the output circuits of said first stage for preventing undesirable reaction between the two output circuits of said first stage, a key to complete a circuit through said third connection to said common transmission circuit, and a key to complete a circuit through said fourth connection to said common transmission circuit.

20,832
WELL HEATING DEVICE AND METHOD

Walter T. Wells, Glendale, Calif., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif., a corporation of Delaware

Original No. 2,076,308, dated April 6, 1937, Serial No. 64,007, February 15, 1936. Application for reissue June 18, 1938, Serial No. 214,587

14 Claims. (Cl. 166—17)



1. A well heating device comprising: a container; a non-explosive exothermic reacting substance therein; and means for igniting said substance.

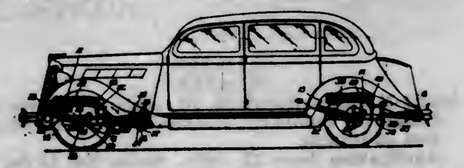
20,833
SPRING SUSPENSION FOR AUTOMOBILES

Frank M. White, Chicago, Ill., assignor of one-fourth to John K. Shuger, one-fourth to Elmer E. Colby, and one-fourth to Robert S. Smith, all of Chicago, Ill.

Original No. 2,069,399, dated February 2, 1937, Serial No. 35,694, August 13, 1935. Application for reissue March 21, 1938, Serial No. 197,235

15 Claims. (Cl. 267—19)

1. In a spring suspension of the class described, the combination with a wheel and an axle to which the wheel is connected, of a support for said axle hingedly connected to the frame of the vehicle and permitting said axle and its wheel to move relatively to said frame, a pair of resilient devices arranged in different horizontal planes on the vehicle frame but vertically offset with respect to each other for absorbing the movement of the wheel relatively to the vehicle frame, and an equalizing device connected to stress said resilient devices in opposite directions



simultaneously and connecting said axle to said resilient devices for transmitting movement of the axle to said resilient devices to permit the latter to absorb and dissipate the shock of the wheel movement.

PLANT PATENTS

GRANTED AUGUST 16, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

282
ROSE

Edward Towill, Roslyn, Pa.

Application November 22, 1937, Serial No. 175,906

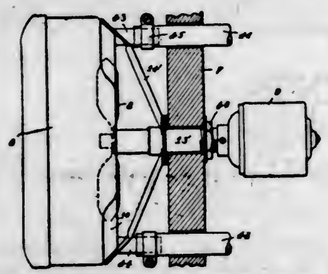
1 Claim. (Cl. 47—61)

A new and distinct variety of rose plant as herein shown and described, characterized particularly by its blossoms of distinctive color and pleasing form, its exceptionally long pointed buds, its vigorous growth and stiff stems, and its prolific production as compared with Joanna Hill and Harry Kirk.

PATENTS

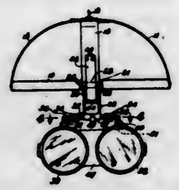
GRANTED AUGUST 16, 1938

2,126,696
HEATER
Albert H. Bates, Rockford, Ill., assignor to Liberty Foundries Company, Rockford, Ill., a corporation of Illinois
Application June 27, 1935, Serial No. 28,606
6 Claims. (Cl. 257—137)



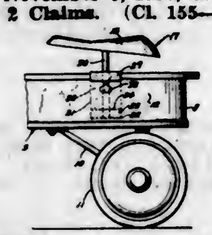
1. In a heater comprising a radiator adapted to be supported in spaced relation to the dash of an automobile or other vehicle, a fan between the dash and the radiator for causing a forced draft of air through the latter to be heated thereby, and a motor comprising an armature shaft for driving the fan, said motor adapted to be supported on the other side of said dash, a combined radiator, motor, and fan support comprising a tubular member extending through an opening provided in the dash and having said radiator rigidly supported on one end portion thereof and said motor demountably supported on the other end portion on the opposite side of the dash from the radiator, fastening means for securing said tubular member to the dash by its intermediate portion, and a shaft extending through the tubular member and providing a detachable driving connection between the fan and the armature shaft of the motor.

2,126,697
GOGGLE SET
Willard L. Bigelow, Newport, Ky.
Application June 29, 1937, Serial No. 150,990
7 Claims. (Cl. 2—14)



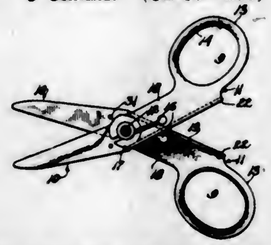
1. A goggle set comprising a frame adapted to be positioned on a user's head, a bracket having one end attached centrally of the front of the head frame for pivotal movement in a vertical plane, a pair of goggles mounted on the free end of said bracket and adapted to be swung down through an arc of greater than 90° into operative position over the eyes of the user and to be returned upwardly through an arc of greater than 90° into inoperative position adjacent the front of the head frame, and resilient means bearing against said bracket and urging it toward the user's eyes when the bracket is swung down and toward the head frame when the bracket is swung up.

2,126,698
ADJUSTABLE SADDLE FOR COASTER WAGON BOXES
Joseph B. Eck, Sheboygan, Wis.; Anna Eck, Sheboygan, Wis., executrix, of Joseph B. Eck, deceased, assignor to Garton Toy Company, Sheboygan, Wis.
Application November 6, 1936, Serial No. 109,411
2 Claims. (Cl. 155—5)



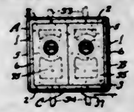
2. In combination, a coaster wagon body having an upstanding peripheral wall formed with an outwardly directed top flange, an angularly shaped bracket having a portion removably embracing any selected portion of said flange and having another inwardly offset portion resting at two vertically spaced-apart areas against adjacent inner surface portions of said side wall, clamping means carried by the first-mentioned portion of the bracket and engageable with the flange, a vertical rod adjustably mounted in the offset portion of the bracket, clamping means in the offset portion of the bracket for releasably securing the rod in adjusted position, and a saddle carried by the upper end portion of said rod.

2,126,699
FOLDING SCISSORS
Berkeley Julian Florian, Plantsville, Conn.
Application March 1, 1937, Serial No. 128,308
8 Claims. (Cl. 30—255)



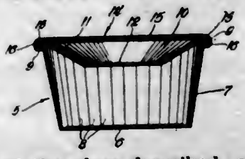
3. A scissors of the character described comprising a pair of scissor members each of which includes a molded sheet handle-section having a shank formed upon its inner side with a longitudinal marginal flange and adjacent to one end thereof with an aperture and also formed with a longitudinal slit disposed between said aperture and said flange which provides said shank with a flanged resilient spring finger portion, and each of which scissor members also includes a blade-section having a hub portion made with an aperture, with two flat peripheral surfaces disposed at opposite sides of said aperture one of which is engaged flatwise by the flange of said spring finger portion to hold said blade-section in extended operative position relatively to its handle-section and the other of which surfaces is engaged flatwise by said flange to hold said blade-section in its inoperative position alongside of said handle-section, and with a stop shoulder for engagement with the end of said flange to limit the movement of said blade-section toward its extended position, and means occupying the apertures of said sections for pivotally connecting the two sections of each member together and also pivotally connecting said members.

2,126,700
METER BOX
George Forni, Oakland, Calif.
Application February 6, 1937, Serial No. 124,455
6 Claims. (Cl. 137—13)



1. A meter box formed from two end sections and a U section disposed therebetween, each end section having a bottom portion with a recess disposed at the line of joining with the U section, the U section having a bottom with a recess at each line of joining, whereby the box is provided with a bottom with two drain openings therein.

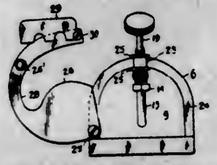
2,126,701
SPUTUM CUP
Kenneth C. Hamilton, Milwaukee, Wis., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis., a corporation of Wisconsin
Application May 22, 1937, Serial No. 144,174
1 Claim. (Cl. 4—258)



A device of the class described, comprising a cup having a bead of substantially circular cross-section formed on the open marginal edge thereof and providing an abrupt shoulder projecting outward therefrom substantially perpendicular to the outer surface of the body of the cup, a baffle having a central opening therein and provided with a depending circumferential flange shaped conformably to and receiving said bead, said flange engaging beneath said shoulder and clamping said baffle to said bead, and a cover for said cup, said cover being provided with a curved depending flange shaped comformably to and receiving and engaging beneath the flange on said baffle.

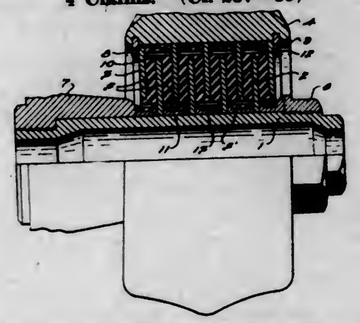
2,126,702
SADIRON
Edward K. Jamieson, Toronto, Ontario, Canada
Application July 1, 1937, Serial No. 151,337
Renewed June 23, 1938
3 Claims. (Cl. 158—23.2)

1. In a sadiron, an elongated chambered body open at the rear end, said rear end terminating abruptly in an end face, said rear end including a top wall having a slot extending inwardly from said end face, a unitary heating unit including a valve having a horizontal tube extending therefrom, said valve having a pair of spaced flanges on each side defining recesses by which the valve



is inserted in the aforesaid slot, and a locking plate pivoted to the end face aforesaid and adapted to transversely swing over the horizontal tube to retain the valve in place, said locking plate having an arcuate slot receptive to the horizontal tube.

2,126,703
RESILIENT CONNECTION
Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm
Application September 13, 1937, Serial No. 163,634
In Germany October 25, 1935
4 Claims. (Cl. 287—85)

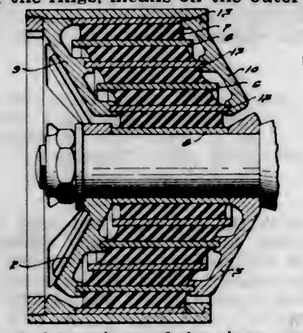


1. A suspension for aircraft engines or the like, comprising a bearing eye, a shaft projecting into the eye, concentrically apertured means encircling the shaft and disposed generally radial within the eye with alternating means carried by the shaft and bearing respectively, rubber between said encircling means and vulcanized thereto, stiff spacing members between the radially inner edges of the encircling means on the shaft, and similar spacing members between the radially edges of the encircling means on the bearing, said spacing members being radially spaced from the adjacent edges of the encircling means on the bearing and shaft respectively and from the rubber and having grooves in their sides adjacent the rubber, and rubber elements in such grooves with such elements disposed in radially spaced relation to the edges of the encircling means and the first mentioned rubber.

2,126,704
RESILIENT CONNECTION
Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm
Application September 13, 1937, Serial No. 163,635
In Germany November 2, 1935
3 Claims. (Cl. 287—85)

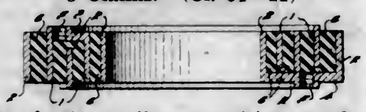
1. A device for elastic suspension comprising an inner member, an outer member to support

the inner member, concentric rings arranged in radial sequence and encircling the inner member, means on the outer member and connected to certain of the rings, means on the outer member



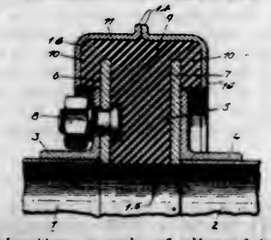
and connected to others of the rings, and rubber between the rings and having fixed surface contact with the latter, each of said means engaging both axial edges of the rings connected thereto.

2,126,705
ELASTIC COUPLING OF RUBBER-METAL PARTS
Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm
Application September 13, 1937, Serial No. 163,636
In Germany November 18, 1935
5 Claims. (Cl. 64—11)



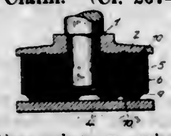
1. An elastic coupling comprising annular, concentrically arranged segments arranged in radial, sequential relation, spokes at opposed axial sides of the segments, the spokes at one side connecting alternate segments and the spokes at the other side connecting the other segments alternate to the first segments, and rubber between the segments and vulcanized thereto.

2,126,706
PIPE CONNECTION
Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm
Application September 13, 1937, Serial No. 163,637
In Germany December 23, 1935
1 Claim. (Cl. 285—90)



In combination, a pair of aligned tubes having adjacent ends separated, an outwardly directed attaching flange on the end of each tube, centrally apertured discs of larger diameter between the flanges and in contact therewith respectively, rubber between the discs and vulcanized to the adjacent end faces of said discs, said rubber extending outwardly and axially over the outer edges of the discs and then inwardly along the other end faces of the discs to a point adjacent the outer edges of the flanges, a U-shaped housing extending around the rubber and having inturned end flanges radially overlapping the discs and embracing the inturned rubber end portions, and means fastening each flange to the disc adjacent thereto.

2,126,707
RUBBER AND METAL SPRING
Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm
Application September 13, 1937, Serial No. 163,638
In Germany January 23, 1936
1 Claim. (Cl. 267—63)



In combination, plate members adapted to be moved towards and away from each other, a plurality of concentric, cylindrical bands disposed between the plates with the axis of the bands parallel to the line of relative movement of the plates, means mounting one end of certain of the bands on one plate, means mounting one end of the bands alternating to the first bands on the other plate, the arrangement being such that the other ends of the bands on either plate are normally spaced from the other plate so as to allow movement of the plates towards each other, rubber sleeves between the bands and bonded thereto and extending beyond the end edges of the latter to cover the same, the sleeves also being spaced from the plates to provide spaces at the ends of the sleeves for rubber that may be caused to flow through deformation of the sleeves when the plates are moved towards each other under load, the rubber portions covering the edges of the bands serving as buffers to prevent metal to metal contact upon maximum movement of the plates towards each other.

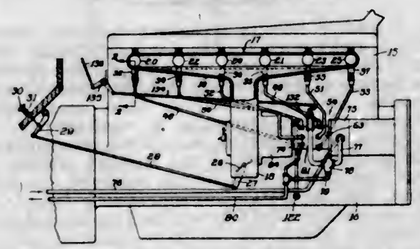
2,126,708
TORSIONAL RUBBER SPRING
Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm
Application September 13, 1937, Serial No. 163,639
In Germany March 9, 1936
5 Claims. (Cl. 267—63)



1. A torsional rubber connection comprising an inner hub member having an undulated cross

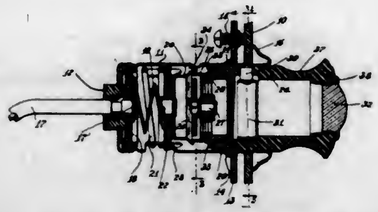
section, a housing of bell shaped axial cross-section around the hub and enclosing the undulation on the hub, and rubber completely filling the space between the housing and hub and adhering to both and comprising the sole bearing support between the hub member and the housing, the construction of the housing and hub member being such that the edges of the housing are substantially closer to the hub member as compared to other parts of the housing so as to provide a restricted opening to limit flow of rubber therethrough.

2,126,709
FUEL INJECTION SYSTEM
Carroll R. Alden, Detroit, Mich., assignor to Ex-Cell-O Corporation, a corporation of Michigan
Application April 29, 1932, Serial No. 608,211
22 Claims. (Cl. 123—138)



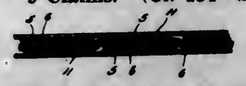
20. In an engine fuel injection system, a movable member for varying the amount of fuel injected, a cam engageable with said member and having a cam face movable across said member in a plane substantially normal to the plane of movement of said member, means for moving said cam in said plane responsive in its action to changes in the condition of the air charge for the engine, and adjustable means for effecting a change in the phase relation of said cam and said last mentioned means, whereby either of said last two mentioned means is operable to vary the amount of fuel injected into said engine.

2,126,710
CIGAR LIGHTER
Philip E. Ashton, Meriden, Conn.
Application October 8, 1934, Serial No. 747,376
8 Claims. (Cl. 219—32)



4. A lighter mounting socket comprising a central contact, a spring between the base of the socket and said contact, a flexible connection permanently joining the central contact with an incoming conductor, and a disc of insulating material between said spring and central contact, inwardly bent tongues on said socket engaging said insulating disc to limit outward movement of the central contact.

2,126,711
COMPOSITE STRUCTURAL UNIT AND METHOD OF MAKING THE SAME
Harry N. Atwood, South Lyndeboro, N. H.
Application February 9, 1937, Serial No. 124,943
9 Claims. (Cl. 154—2)

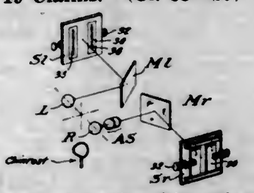


8. The method of making a composite structural panel which consists of coating thin natural wood strips of appreciable width with cellulose acetate so that each strip is individually and entirely surrounded with said cellulose acetate, allowing the cellulose acetate on the strips to dry, interweaving the coated ribbons to form a lock-weave mat of predetermined width and indefinite length, covering the upper and lower surfaces of the weave structure with sheets of cellulose acetate, and subjecting said woven mat with the sheets of cellulose acetate to the action of heat and pressure whereby to merge the sheets with the coatings of the strips and hold the individual strips in suspension within the cellulose acetate free of surface contact with each other and thoroughly bond the several component parts into an integrated homogeneous structure.

2,126,712
METHOD OF DRYING LEATHER
James R. Akers, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application November 24, 1936. Serial No. 112,525
7 Claims. (Cl. 149—4)

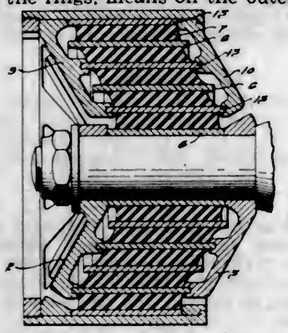
1. A method of preventing deterioration of oxide-coated aluminum leather-drying boards, comprising interposing between the leather to be dried and the oxide-coated surface upon which it is mounted a substance capable of reacting with the acid of the tanning liquor from the leather, and maintaining a pH at the surface of the oxide coating of at least 4.5.

2,126,713
TESTING BINOCULAR VISION
Adelbert Ames, Jr., and Gordon H. Gliddon, Hanover, N. H., assignors to Trustees of Dartmouth College, Hanover, N. H., a corporation of New Hampshire
Application March 18, 1936, Serial No. 69,493
19 Claims. (Cl. 88—20)



1. In the art of testing binocular vision the method of correlating the ocular images formed through the eyes of a person which comprises presenting to each eye of the person test object means with elements for dimensional comparison undifferentiated with respect to fusible and non-fusible properties, shifting the relative location of said test object means as appearing to the respective eyes, thereby relating the conscious appearances of the ocular images of said test object means for comparison thereof, adjusting the relative dimensions of said test object means as ap-

the inner member, concentric rings arranged in radial sequence and encircling the inner member, means on the outer member and connected to certain of the rings, means on the outer member



and connected to others of the rings, and rubber between the rings and having fixed surface contact with the latter, each of said means engaging both axial edges of the rings connected thereto.

2,126,705

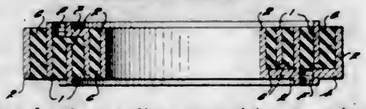
ELASTIC COUPLING OF RUBBER-METAL PARTS

Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm

Application September 13, 1937, Serial No. 163,636

In Germany November 18, 1935

5 Claims. (Cl. 64—11)



1. An elastic coupling comprising annular, concentrically arranged segments arranged in radial, sequential relation, spokes at opposed axial sides of the segments, the spokes at one side connecting alternate segments and the spokes at the other side connecting the other segments alternate to the first segments, and rubber between the segments and vulcanized thereto.

2,126,706

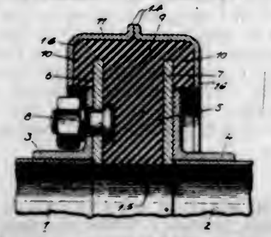
PIPE CONNECTION

Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm

Application September 13, 1937, Serial No. 163,637

In Germany December 23, 1935

1 Claim. (Cl. 285—90)



In combination, a pair of aligned tubes having adjacent ends separated, an outwardly directed attaching flange on the end of each tube, centrally apertured discs of larger diameter between the flanges and in contact therewith respectively, rubber between the discs and vulcanized to the adjacent end faces of said discs, said rubber extending outwardly and axially over the outer edges of the discs and then inwardly along the other end faces of the discs to a point adjacent the outer edges of the flanges, a U-shaped housing extending around the rubber and having inturned end flanges radially overlapping the discs and embracing the inturned rubber end portions, and means fastening each flange to the disc adjacent thereto.

2,126,707

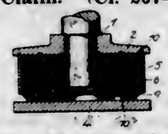
RUBBER AND METAL SPRING

Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm

Application September 13, 1937, Serial No. 163,638

In Germany January 23, 1936

1 Claim. (Cl. 267—63)



In combination, plate members adapted to be moved towards and away from each other, a plurality of concentric, cylindrical bands disposed between the plates with the axis of the bands parallel to the line of relative movement of the plates, means mounting one end of certain of the bands on one plate, means mounting one end of the bands alternating to the first bands on the other plate, the arrangement being such that the other ends of the bands on either plate are normally spaced from the other plate so as to allow movement of the plates towards each other, rubber sleeves between the bands and bonded thereto and extending beyond the end edges of the latter to cover the same, the sleeves also being spaced from the plates to provide spaces at the ends of the sleeves for rubber that may be caused to flow through deformation of the sleeves when the plates are moved towards each other under load, the rubber portions covering the edges of the bands serving as buffers to prevent metal to metal contact upon maximum movement of the plates towards each other.

2,126,708

TORSIONAL RUBBER SPRING

Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm

Application September 13, 1937, Serial No. 163,639

In Germany March 9, 1936

5 Claims. (Cl. 267—63)



1. A torsional rubber connection comprising an inner hub member having an undulated cross section, a housing of bell shaped axial cross-section around the hub and enclosing the undulation on the hub, and rubber completely filling the space between the housing and hub and adhering to both and comprising the sole bearing support between the hub member and the housing, the construction of the housing and hub member being such that the edges of the housing are substantially closer to the hub member as compared to other parts of the housing so as to provide a restricted opening to limit flow of rubber therethrough.

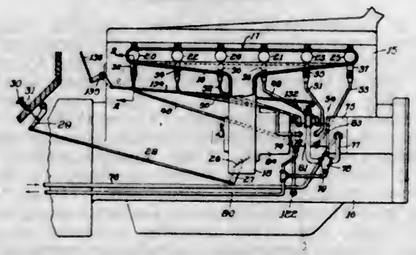
2,126,709

FUEL INJECTION SYSTEM

Carroll R. Alden, Detroit, Mich., assignor to Ex-Cell-O Corporation, a corporation of Michigan

Application April 29, 1932, Serial No. 608,211

22 Claims. (Cl. 123—138)



20. In an engine fuel injection system, a movable member for varying the amount of fuel injected, a cam engageable with said member and having a cam face movable across said member in a plane substantially normal to the plane of movement of said member, means for moving said cam in said plane responsive in its action to changes in the condition of the air charge for the engine, and adjustable means for effecting a change in the phase relation of said cam and said last mentioned means, whereby either of said last two mentioned means is operable to vary the amount of fuel injected into said engine.

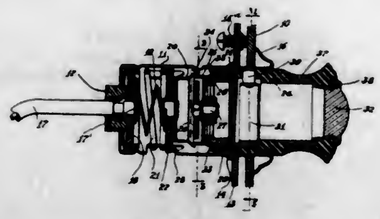
2,126,710

CIGAR LIGHTER

Philip E. Ashton, Meriden, Conn.

Application October 8, 1934, Serial No. 747,376

8 Claims. (Cl. 219—32)



4. A lighter mounting socket comprising a central contact, a spring between the base of the socket and said contact, a flexible connection permanently joining the central contact with an incoming conductor, and a disc of insulating material between said spring and central contact, inwardly bent tongues on said socket engaging said insulating disc to limit outward movement of the central contact.

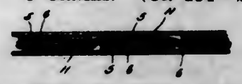
2,126,711

COMPOSITE STRUCTURAL UNIT AND METHOD OF MAKING THE SAME

Harry N. Atwood, South Lyndeboro, N. H.

Application February 9, 1937, Serial No. 124,943

9 Claims. (Cl. 154—2)



8. The method of making a composite structural panel which consists of coating thin natural wood strips of appreciable width with cellulose acetate so that each strip is individually and entirely surrounded with said cellulose acetate, allowing the cellulose acetate on the strips to dry, interweaving the coated ribbons to form a lock-weave mat of predetermined width and indefinite length, covering the upper and lower surfaces of the weave structure with sheets of cellulose acetate, and subjecting said woven mat with the sheets of cellulose acetate to the action of heat and pressure whereby to merge the sheets with the coatings of the strips and hold the individual strips in suspension within the cellulose acetate free of surface contact with each other and thoroughly bond the several component parts into an integrated homogeneous structure.

2,126,712

METHOD OF DRYING LEATHER

James R. Akers, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application November 24, 1936. Serial No. 112,525

7 Claims. (Cl. 149—4)

1. A method of preventing deterioration of oxide-coated aluminum leather-drying boards, comprising interposing between the leather to be dried and the oxide-coated surface upon which it is mounted a substance capable of reacting with the acid of the tanning liquor from the leather, and maintaining a pH at the surface of the oxide coating of at least 4.5.

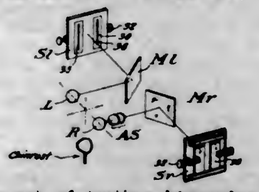
2,126,713

TESTING BINOCULAR VISION

Adelbert Ames, Jr., and Gordon H. Gliddon, Hanover, N. H., assignors to Trustees of Dartmouth College, Hanover, N. H., a corporation of New Hampshire

Application March 18, 1936, Serial No. 69,493

19 Claims. (Cl. 88—20)



1. In the art of testing binocular vision the method of correlating the ocular images formed through the eyes of a person which comprises presenting to each eye of the person test object means with elements for dimensional comparison undifferentiated with respect to fusible and non-fusible properties, shifting the relative location of said test object means as appearing to the respective eyes, thereby relating the conscious appearances of the ocular images of said test object means for comparison thereof, adjusting the relative dimensions of said test object means as ap-

pearing through the respective eyes while substantially maintaining throughout the test the distance of the respective dioptric images from the eyes, to obtain a dimensional relation of said ocular images, and measuring said adjustment.

2,126,714
ARTICLES OF CELLULOSIC PLASTIC MATERIAL

Bjorn Andersen, Maplewood, and Walter Dempsey Paist, Newark, N. J., assignors to Celluloid Corporation, a corporation of New Jersey

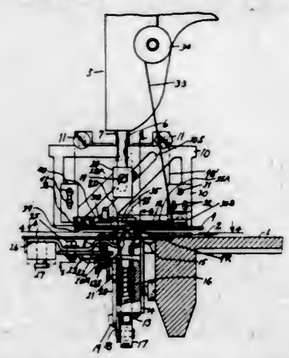
No Drawing. Application May 8, 1935, Serial No. 20,396
5 Claims. (Cl. 18—55)

1. In the manufacture of articles having a basis of a derivative of cellulose by processes wherein the articles are formed from plastic compositions and their cross-section is determined by passage through a shaping device, the steps of gelatinizing only the surface layers of the shaped articles by treatment with a solvent, removing the solvent and subjecting the articles to high temperatures.

2,126,715
BLIND-STITCH ATTACHMENT FOR SEWING MACHINES

Joseph F. Arver, St. Paul, Minn., assignor to Joseph F. Arver and Harold E. Ruttenberg, copartners, doing business as Hidstitch Company, St. Paul, Minn.

Application November 12, 1936, Serial No. 110,469
9 Claims. (Cl. 112—178)

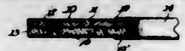


1. A blind-stitch attachment for sewing machines having a vertically reciprocable presser foot bar and a vertically reciprocable needle bar, a cloth plate and table in common plane therebelow, a reciprocating feed bar and feed dogs actuated thereby and projectible through the cloth plate to contact and feed cloth rearwardly under the needle bar, the action of said feed bar synchronized with relation to the needle bar; said attachment comprising over the cloth plate an elongated presser foot of L-shape in cross section and removably fixed on the presser foot bar, a vertically disposed needle actuator plate slidably retained in parallel relation to the vertical part of the presser foot, means on the needle bar for engaging said actuator plate and imparting horizontal reciprocating movement to the said actuator plate, means on said actuator for adjustably and rigidly retaining a needle in parallel relation to it, at its base and in proximity to the presser foot base, means mounted at the under side of the cloth plate including an upright plunger projectible upwardly yieldably in the path of the reciprocating needle to press goods to be stitched upwardly in ridge formation over the cloth plate, said plunger notched centrally and traversed by the needle penetrating the goods at both sides thereof, said needle threaded to penetrate the goods with a double bight thereof and means mounted on the presser foot to engage the thread near the point of the needle and form successive interlocked loops of thread in a row on the surface of the goods where the needle point emerges.

2,126,716
GASKET

George T. Balfe, Detroit, Mich., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich., a corporation of Michigan

Application January 9, 1935, Serial No. 1,062
2 Claims. (Cl. 288—1)



1. A gasket having a service opening therethrough and comprising two independently preformed composite layers, each layer being formed by a lamina of compressed cushion material and a lamina of sheet metal at least coextensive therewith and comprising a multiplicity of closely spaced projections extending substantially through the thickness of the cushion lamina to clinch the latter and being confined to said lamina, the projections being struck from the sheet metal layer and forming perforations therein through which the cushion material is exposed, the said composite layers being coextensive and being arranged in face to face relation with the metal laminae exposed at the gasket surfaces, the multiplicity of perforations in each metal lamina providing metal surfaces readily conformable under pressure to the surfaces being sealed and the perforations therein permitting the cushion material to be brought to the gasket surfaces at a multiplicity of closely spaced points and to contact with the surfaces to be sealed when the gasket is subjected to pressure, and means independent of the projections connecting the composite layers.

2,126,717
VARIABLE ACTION TUBULAR SHAFT

George E. Barnhart, Pasadena, Calif.

Application January 26, 1933, Serial No. 653,595
8 Claims. (Cl. 273—80)

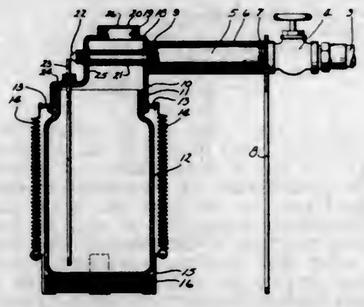


1. A hollow, tapered shaft having a plurality of longitudinal grooves of different lengths therein, said grooves being arranged so as to vary the cross-sectional shape and the relative location of the neutral axis of said shaft at different portions of the shaft throughout its length.

2,126,718
PORTABLE LIQUID DIFFUSING DEVICE

Peter J. F. Batenburg, Racine, Wis.

Application February 28, 1936, Serial No. 66,226
3 Claims. (Cl. 299—88)



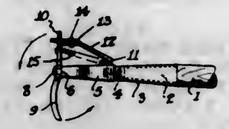
1. A device of the character described comprising a spray head having a jar receiving thread and a half dome arising thereabove to provide surfaces approximately at right angles, a pipe connected with one of said surfaces and extending below said thread to be received into a jar, a pressure nozzle connected with the other of said surfaces in operative atomizing relation to the pipe, a supply tube spanning said half dome and communicating with said nozzle, together with a vented cap applied to the top of said half dome, said dome providing a filling opening and having a threaded flange for the reception of said cap.

3. A spray device comprising the combination with a spray head having a nozzle and a receptacle therebeneath, of a pipe communicating with said nozzle and rigidly connected with said spray head and projecting rearwardly therefrom to constitute a handle therefor, a hose connection at the end of the handle remote from said spray head, a steady-rest comprising a plate having a broad and substantially imperforate portion below said handle end and extending to a margin substantially at the level of the bottom of the receptacle, and means including said hose connection for fixing the position of said plate and securing it at said handle end.

2,126,719
SELF-CLEANING RAKE

Don L. Beall, Goshen, Ind.

Application November 13, 1937, Serial No. 174,477
4 Claims. (Cl. 55—10)

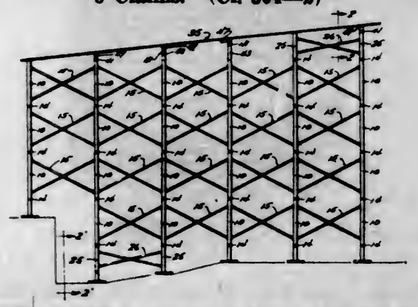


4. In a self-cleaning rake, the combination of a handle, a metal strip affixed to the handle, a rake pivotally mounted on said metal strip, means for locking the rake in operative raking position, said means including a pivoted lock member, a latch arm on the rake releasably engageable by said lock member, and a spring secured to the latch arm and to a fixed element of the rake handle to return the rake from a depressed to an upright position after the rake has been cleaned.

2,126,720
SCAFFOLD

David E. Beatty and Ingar G. Rambo, Wauwatosa, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del., a corporation of Delaware

Application February 1, 1937, Serial No. 123,394
6 Claims. (Cl. 304—2)

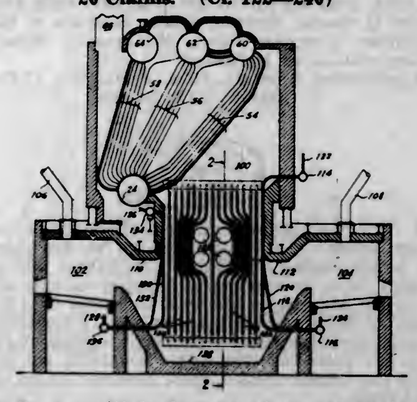


1. In a scaffold having hollow posts, means to vary the height of said scaffold, said means comprising, a coupling pin slidable into and out of one of said posts, a stop member fixed on said pin, and a spacing sleeve slidable over said pin and engageable with the end of said post and said stop member to hold the post and stop in spaced relationship.

2,126,721
FLUID HEAT EXCHANGE DEVICE

Henry W. Beecher, Seattle, Wash., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Application June 6, 1935, Serial No. 25,257
20 Claims. (Cl. 122—240)



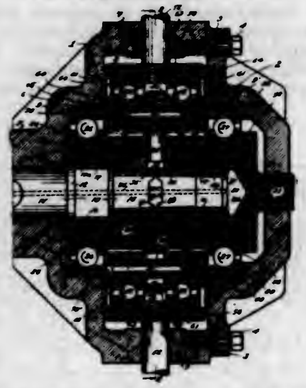
1. In a multiple furnace steam generator, a furnace of high heat release rate capacity having water cooled walls and fuel burners, a furnace of low heat release rate discharging its combustion products through the first furnace and having means therein for burning a fuel of high moisture content, a drop nose arch between the two furnaces, wall tubes of the first furnace extending along a side of the arch and having extensions forming a screen between the furnaces, and means connecting these tubes into fluid circulation.

2,126,722

VARIABLE DISPLACEMENT PUMP AND METHOD OF BALANCING HYDROSTATIC LOAD

Elek K. Benedek, Bucyrus, Ohio

Application November 26, 1934, Serial No. 754,753
6 Claims. (Cl. 103—161)



1. In a hydraulic device of the radial piston type, including a pressure line, a valve pintle, a piston barrel having a bore in telescoping relation to the pintle, an expansible and contractible fluid tight chamber communicating with said bore and with the pressure line of the device to supply fluid to said chamber for discharge thereof between the working surfaces of the pintle and barrel toward the opposite end of the pintle, and check valve means to retain fluid in the elastic chamber during operation of the device and to constrain the same from returning to the pressure line in the event of there being greatly reduced or negative pressure in said line.

2,126,723

GLOVE AND METHOD OF MAKING THE SAME

Virgil H. Bodle, Newton, Mass., assignor to Hood Rubber Company, Inc., Watertown, Mass., a corporation of Delaware

Application April 22, 1935, Serial No. 17,651
6 Claims. (Cl. 2—168)



1. The method of making a glove which comprises applying a rubber coating to one side of an elastic fabric, doubling the fabric with its coated faces in contact to form a tubular wrist covering, attaching said wrist covering to a glove body of textile material, applying a coating of rubber over the glove body and the seam uniting it to the wrist covering and vulcanizing the glove with the rubber coated wrist covering in its doubled form.

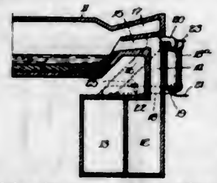
2,126,724

FURNACE AND THE OPERATION THEREOF

Arthur J. Boynton, Chicago, Ill., assignor to H. A. Brassert & Company, Chicago, Ill., a corporation of Illinois

Application August 1, 1936, Serial No. 93,804
13 Claims. (Cl. 263—15)

1. The method of operating a reversing regenerative furnace fired with a fuel containing hydrocarbons which consists in admitting a regulated quantity of regenerated air into contact with said fuel prior to its introduction to the furnace, raising the temperature of the resulting mixture by partial combustion to crack part of the hydrocarbons contained in said fuel and thereafter introducing the resulting mixture to the furnace, admitting regenerated air to said furnace in contact with said gaseous mixture, and, when the furnace is reversed, stopping the flow of products of combustion along the path of said incoming gaseous mixture.



5. In combination, a reversing regenerative furnace having an air port and a gas port, an air regenerator connected to said air port for receiving products of combustion from said furnace when said furnace is reversed, a cracking chamber having an outlet for delivering gas to said gas port, means for delivering hydrocarbon gas to said cracking chamber, means connecting the outlet end of said air regenerator with said cracking chamber whereby regenerative air may be mixed with said hydrocarbon gas in said cracking chamber to partially crack said gas by combustion in said cracking chamber, and means responsive to temperature conditions at said cracking chamber for automatically regulating the amount of regenerated air delivered from said air regenerator to said cracking chamber.

2,126,725

METHOD OF PRODUCING TRANSLUCENT STONE SLABS

Raymond C. Briant, Pittsburgh, Pa., and George W. Bain, Amherst, Mass., assignors to Vermont Marble Company, Proctor, Vt., a corporation of Vermont

No Drawing. Application May 15, 1937, Serial No. 142,882
5 Claims. (Cl. 125—1)

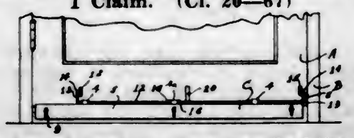
1. The method of producing a translucent marble slab, comprising studying the structure and arrangement of the crystals forming a body of marble from which the slab is to be cut and then cutting said body in a plane substantially perpendicular to a direction coinciding as nearly as possible with a line perpendicular to the preferred direction of the optic axes of the crystals forming the slab, with the preferred direction of the longitudinal axes of said crystals, and with the direction in which the mean distance between said crystals is least, said line coinciding as nearly as possible with said last two directions.

2,126,726

WEATHER STRIP FOR CLOSURES

George N. Brunker, Salt Lake City, Utah

Application December 23, 1936, Serial No. 117,271
1 Claim. (Cl. 20—67)
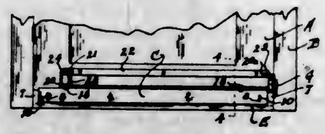


In a door strip of the class described the combination of an angled body; a weather strip sealing material carried in the angle of said body; means by spring tension to hold the strip onto an uneven surface of floor; a bar mounted in brackets on said body said bar having the ends turned up and back parallel to the main length thereof said bent back portions to act as bearing support portions; bearings mounted to said door holding the ends of said bar; means by spring tension to normally draw the body and strip away from the floor; means to adjust said spring tension; and an angled bracket to be mounted to the door frame at an angle to the door face to engage the end of the bar to force the body and strip into contact with the floor when the door is closed.

2,126,727

WEATHER STRIP FOR CLOSURES

George N. Brunker, Salt Lake City, Utah

Application August 13, 1937, Serial No. 158,837
3 Claims. (Cl. 20—67)



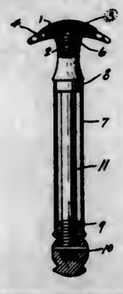
1. In a weather strip of the class described the combination of a body; a curved top along the top edge of said body; a strip of weather sealing material mounted to said body at each end thereof; springs mounted between the ends, said springs to force the strip downwardly to engage the floor at all places along the entire width of the door; brackets mounted to said door one of which has a slot therein and both of which have a hole in which the supporting bar is pivotally mounted; bearings on the top edge of said body; a U-shaped bar mounted in said bearings and having the ends turned in to engage in said brackets, one end being made flat to engage and pass through said slot into said bracket; a spring mounted to said body and to one end of said bar to normally hold the body elevated; and an angled plate mounted to said door frame at an angle to the door face to engage the end of said bar to force the body and strip down when the door is closed.

2,126,728

AUTOMATICALLY ADJUSTING RAZOR

Charles L. Buell, Xenia, Ohio, assignor to John W. Anderson, Gary, Ind.

Application March 15, 1933, Serial No. 660,883
15 Claims. (Cl. 30—87)



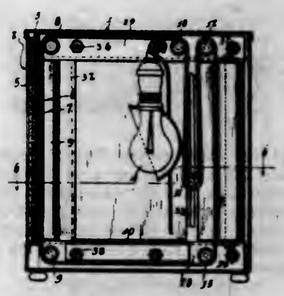
1. A safety razor including a blade carrying head and a handle therefor upon which the head is pivotally mounted for free rotary motion substantially in the plane of the head and about the axis of the handle.

2,126,729

DISPLAY DEVICE

Vernon T. Bugge, Los Angeles, Calif., assignor of one-half to Claude W. McAnally

Application March 12, 1937, Serial No. 130,527
4 Claims. (Cl. 40—132)



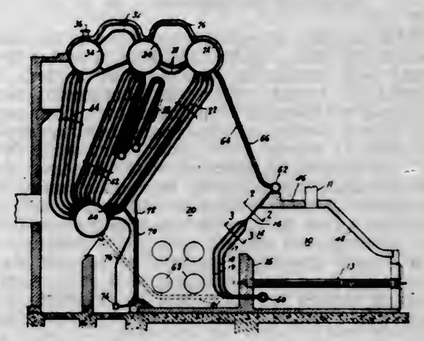
1. A display device comprising a transparency bearing a design to be displayed, a source of light positioned back of said transparency, a pair of overlapping curtains between said source of light and said transparency, each curtain having different portions of different light-transmitting characteristics, and means for simultaneously moving said two curtains in different angularly disposed directions past the transparency in timed relation for variably illuminating different portions of said transparency in predetermined order.

2,126,730

STEAM BOILER AND FURNACE

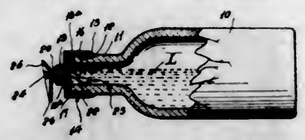
Dale Bumstead, Jr., Portland, Oreg., assignor to The Babcock & Wilcox Company, Newark N. J., a corporation of New Jersey

Application April 26, 1935, Serial No. 18,334
18 Claims. (Cl. 122—235)



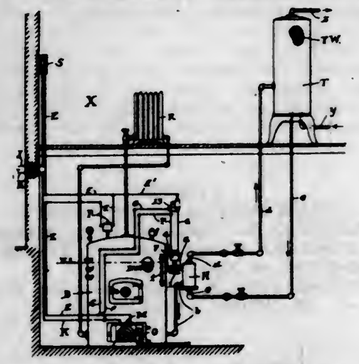
1. In a dual furnace steam boiler installation, a first combustion chamber, means for burning fuel in suspension in said chamber, a second combustion chamber at one side of said first chamber, means for burning a long flaming fuel in said second combustion chamber, and refractory covered tubes connected into boiler circulation and forming a wall deflecting the gases from the second combustion chamber downwardly into the first, parts of said refractory covered tubes extending downwardly relative to the top of the second combustion chamber.

2,126,731
LIQUID DISPENSING MEANS
Stanley Ward Burnham, Elizabeth, N. J., assignor to Merck & Co. Inc., Rahway, N. J., a corporation of New Jersey
Application January 23, 1937, Serial No. 121,921
4 Claims. (Cl. 221—148)



1. Means for dispensing liquid comprising a cap mounted on a container and having an axial bore therethrough, a wick extending through the bore projecting beyond the outer end of the cap and a pouring spout extending transversely of the outer end of the cap with the wick extending into the spout.

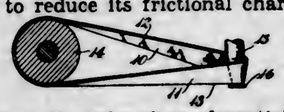
2,126,732
WATER-HEATING SYSTEM
Frederick Carnes, Portland, Maine
Application March 16, 1936, Serial No. 68,980
5 Claims. (Cl. 237—19)



1. A heating apparatus comprising in combination a boiler, a burner therefor, a motor to actuate said burner, a room-heating system connected to said boiler, a thermostat-switch adapted to respond to temperature changes in the rooms within which is said heating system, an electric circuit from said thermostat-switch to said motor, an indirect water-heating member through which water from said boiler may circulate, a valve between said boiler and said indirect water-heating member, actuating means for opening and closing said valve, and an electric circuit placed in parallel with said burner motor adapted in association with said valve actuating means to open said valve immediately said thermostat-switch acts to stop said motor.

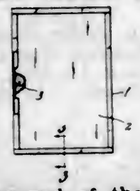
2,126,733
METHOD OF MAKING ELASTIC RUBBER TRANSMISSION BANDS
Harold W. Catt, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Original application August 3, 1933, Serial No. 683,499. Divided and this application August 14, 1936, Serial No. 96,071
3 Claims. (Cl. 18—47.5)

1. The method of making an endless transmission band which comprises forming a tube of vulcanized rubber, treating the exposed surface of the tube to reduce its frictional characteristics,



and dividing the tube circumferentially to provide belts each having at least one untreated edge.

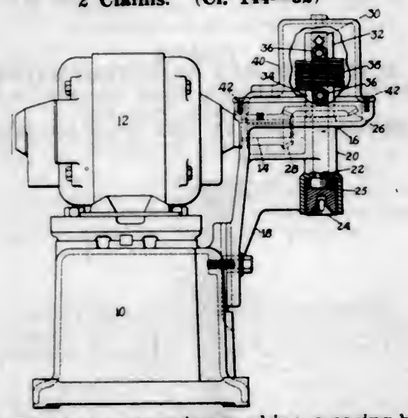
2,126,734
HEATING PAD
Ernest C. Chancey, Detroit, Mich.
Application August 31, 1936, Serial No. 98,717
3 Claims. (Cl. 132—36.2)



1. A self-heating pad of the kind described comprising a single ply of aluminum foil and a single ply of absorbent paper with their margins folded to form a container, and a composition in said container substantially of the following formula:

	Grams
Chlorate of potassium	.90
Aluminum dust	1.30
Anhydrous sulphate of copper	.15
Kaolin	2.00
Pumice	2.00
Total	6.35

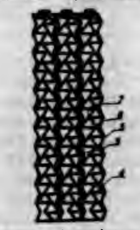
2,126,735
MACHINE FOR ROTATING SCREWS
Albert J. Cocozella and Anthony Cocozella, Jr., Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application August 11, 1936, Serial No. 95,437
2 Claims. (Cl. 144—32)



1. In a screw-removing machine, a casing having a cover and provided with a depending portion terminating in a hood, a spindle journaled in and rising above the casing, it being provided at its lower extremity with a screw-engaging chuck rotatable within the hood and at its upper extremity with a collar within the cover, a gear

free to turn in the casing about the spindle, means for driving the gear, and a torsion-spring connected to the gear and collar and surrounding the spindle within the cover.

2,126,736
RADIATOR CORE STRUCTURE
Thomas N. Coffelder, Pittsburgh, Pa.
Application January 9, 1936, Serial No. 58,300
2 Claims. (Cl. 257—130)

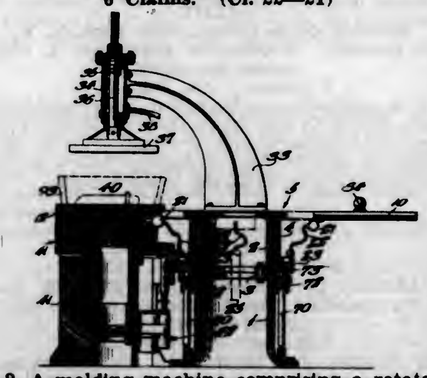


1. A radiator core structure comprising corrugated tubes in spaced relation and cooling fins disposed between adjacent tubes, said fins being assembled in pairs and disposed in the corrugations of the tube walls with the peaks of the corrugations of the fins contacting the grooves of the wall of the tube on one side and the straight portions of the adjacent fin on the other side.

2,126,737
MANUFACTURE OF ARTICLES FROM POWDERED MATERIALS
Gregory J. Comstock, Fairfield, Conn., assignor to Handy & Harman, Bridgeport, Conn., a corporation of New York
No Drawing. Application August 10, 1935, Serial No. 35,631
8 Claims. (Cl. 75—22)

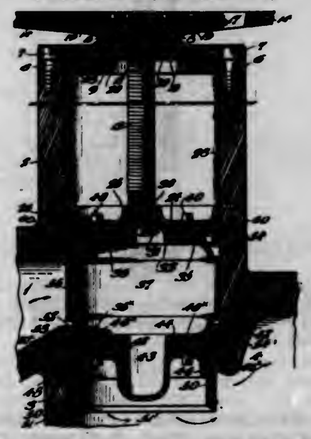
5. The method of forming an inlaid article, which comprises applying powdered material in a design to a base by the use of an adhesive, and subjecting the base and applied powdered material to simultaneous heat and pressure sufficient to sinter and consolidate the design with the base.

2,126,738
MOLDING MACHINE
Elbert A. Corbin, Jr., Lenni, Pa., assignor of one-half to William C. Biddle, Lansdowne, Pa.
Application June 18, 1936, Serial No. 85,855
6 Claims. (Cl. 22—21)



2. A molding machine comprising a rotatable mold-supporting top, a jar-ramming table the top of which is normally slightly above the underside of said rotatable top, and means for raising said top to clear the upper edge of said jar-ramming table during the rotation of said mold-supporting top.

2,126,739
VALVE
Elbert A. Corbin, Jr., Philadelphia, Pa., assignor of one-half to William C. Biddle, Lansdowne, Pa.
Application March 30, 1937, Serial No. 133,789
3 Claims. (Cl. 251—77)

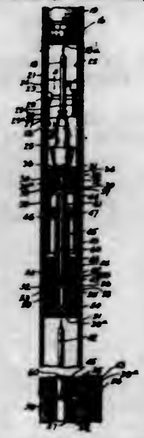


1. In a device of the character stated, a casing communicating at one end thereof with a boiler outlet, a threaded valve stem journaled in one end of said casing, means for rotating said valve stem, and a valve element threadedly engaging said stem and movable within said casing to register with or clear said outlet comprising, an upper plate threadedly engaging said stem and having an annular flange abutting against the wall of said casing, a flexible gasket abutting against said plate and having an annular flange abutting against the wall of said casing, a shell adapted to contain a lubricant and having an opening in the top edge thereof through which said valve stem projects when said valve is not in registration with said outlet, means for securing said plate, said washer, and the top of said shell together, a bottom plate circumferentially abutting against the wall of said casing, a flexible gasket positioned on said plate and having a flange abutting against the wall of said casing, a well formed substantially centrally of said lower plate and communicating with the interior of said shell through an opening in the bottom wall of said shell, and means for securing said bottom plate, said gasket and the bottom edge of said shell together.

2,126,740
DRIFT RECORDING APPARATUS
Joe W. Culbertson, West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd., a corporation of California
Application October 23, 1936, Serial No. 107,215
8 Claims. (Cl. 33—205.5)

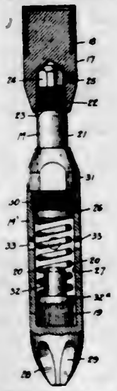
1. A drift recording apparatus for well holes; comprising a main recording instrument having a pivoted angle marker, a chart carrying head, and time-controlled means for tripping said head to cause it to be marked by said marker on movement thereagainst; a subsidiary recording instrument having an angle marker pivoted on an axis alined with the pivot of the angle marker of the main instrument, a chart carrying head, tripping means for said head to cause it to be marked

by said marker; and a mechanism operable by tripping movement of the head of the main instrument for actuating the tripping means for



the head of the subsidiary instrument whereby, the instruments are caused simultaneously to effect drift recordations.

2,126,741
SHOCK DISSIPATING SPEAR
Joe W. Culbertson, West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd., a corporation of California
Application October 23, 1936, Serial No. 107,216
8 Claims. (Cl. 33—205)



1. A shock dissipating spear for drift recording apparatus, comprising; a rigid body having a cylinder opening to only one end of the body; a plunger movable in and projecting from the cylinder; a coiled spring in the cylinder abutting the plunger head; and a non-metallic cushion between the spring and the closed end of the cylinder.

2,126,742
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application April 17, 1936, Serial No. 75,020
3 Claims. (Cl. 148—32)

1. A precipitation hardened alloy consisting of boron 0.50% to 5%, zirconium 1.50% to 20%, metal from the group tungsten, molybdenum and uranium 10% to 40%, the balance cobalt.

2,126,743
BORON ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application June 13, 1936, Serial No. 84,999½
3 Claims. (Cl. 148—32)

1. A precipitation hardened alloy consisting of boron 0.50% to 5%, zirconium 2% to 20%, metal from the group tungsten, molybdenum and uranium 1% to less than 10%, chromium 1% to 25%, the balance cobalt.

2,126,744
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application August 25, 1936, Serial No. 97,742
3 Claims. (Cl. 148—32)

1. A precipitation hardened alloy containing boron 0.50% to 3%, metal from the group tungsten, molybdenum and uranium 5% to 30%, vanadium 1% to 8%, zirconium 0.25% to 5%, the balance cobalt.

2,126,745
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application August 25, 1936, Serial No. 97,815
3 Claims. (Cl. 148—32)

1. A precipitation hardened alloy containing boron 0.50% to 3%, metal from the group tungsten, molybdenum and uranium 5% to 30%, vanadium 1% to 8%, zirconium 0.25% to 5%, chromium 1% to 25%, the balance cobalt.

2,126,746
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application September 2, 1936, Serial No. 99,098
3 Claims. (Cl. 148—32)

1. A precipitation hardened alloy containing boron 0.50% to 3.00%, metal from the group tungsten, molybdenum and uranium 5% to 30%, vanadium 1% to 8%, zirconium 0.25% to 5%, and the balance nickel.

2,126,747
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application September 3, 1936, Serial No. 99,243
3 Claims. (Cl. 148—32)

1. A precipitation hardened alloy containing boron 0.50% to 3%, metal from the group tungsten, molybdenum and uranium 5% to 30%, vanadium 1% to 8%, zirconium 0.25% to 5%, chromium 1% to 25%, the balance nickel.

2,126,748
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application May 18, 1937, Serial No. 143,299
3 Claims. (Cl. 148—32)

1. An alloy, characterized by responsiveness to thermal treatment containing boron 0.50%, zirconium 0.25% to 5%, metal selected from the group tungsten, molybdenum and uranium 5% to 25%, the balance cobalt.

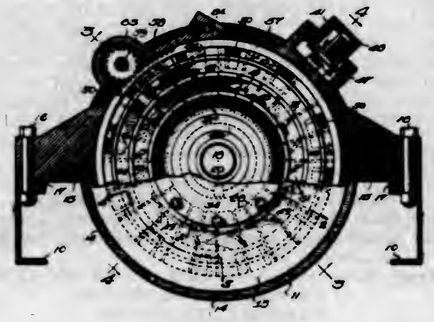
2,126,749
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application May 19, 1937, Serial No. 143,469
1 Claim. (Cl. 148—32)

A precipitation hardened alloy containing boron 0.50% to 4%, zirconium 0.25% to 5%, chromium 1% to 17%, the balance cobalt.

2,126,750
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application December 7, 1937, Serial No. 178,498
1 Claim. (Cl. 148—32)

A precipitation hardened alloy containing boron 0.50% to 4%, titanium 0.25% to 7%, metal selected from the group tungsten, molybdenum and uranium 2% to 30%, chromium 1% to 20% and the balance cobalt.

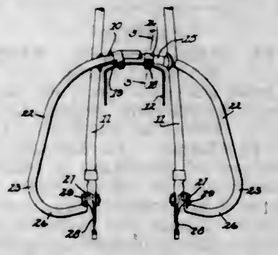
2,126,751
HYDRODYNAMIC BRAKE
Robert Griffin De La Mater, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a corporation of West Virginia
Application January 28, 1936, Serial No. 61,231
38 Claims. (Cl. 188—90)



1. A hydrodynamic brake comprising a rotor and a stator provided with coacting fluid pockets, and means for variably controlling the discharging of fluid directly from said pockets.

2,126,752
BRACING GUARD FOR MOTORCYCLES AND SIMILAR TWO-WHEELED VEHICLES
Harry A. Devine and Frank M. Molitor, Milwaukee, Wis., assignors to Harley-Davidson Motor Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 12, 1937, Serial No. 153,106
1 Claim. (Cl. 280—289)

In combination with the rear forks, transverse brace arm and rear mud guard of a two-wheel vehicle of the motorcycle and bicycle type, of a guard for protecting the rear portions of the vehicle from destructive contact with the ground when the vehicle is upset while in motion, said guard including an arched central portion positioned above the brace arm and extending over the mud guard, means for connecting the central portion to the mud guard and the brace arm, said central portion having diverging downwardly extending arms, said arm being bent inwardly below the rear axle to form rounded shoes,



and means for connecting the inwardly extending portions of said arms to the rear forks below the rear axle.

2,126,753
COMPOSITE FABRIC AND METHOD OF MAKING SAME
Camille Dreyfus, New York, N. Y.
No Drawing. Application August 4, 1934, Serial No. 738,429
6 Claims. (Cl. 154—2)

1. A method of preparing stiffened laminated fabric such as collars, cuffs and like articles of wearing apparel, which comprises impregnating a fabric with a dispersion of finely divided thermoplastic derivative of cellulose in a non-solvent therefor, drying said impregnated fabric, assembling said impregnated fabric with at least one other fabric, and forming a stiffened laminated fabric by subjecting the assembly of fabrics to heat and pressure in the presence of a liquid selected from the group consisting of aqueous solutions of methyl alcohol, ethyl alcohol and monomethyl ether of ethylene glycol.

2,126,754
FABRIC AND METHOD OF PREPARING SAME
Camille Dreyfus, New York, N. Y., and George Schneider, Montclair, N. J., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application August 9, 1934, Serial No. 739,108
8 Claims. (Cl. 154—2)

8. Process for the production of stiffened fabrics and fabric articles, which comprises uniting layers of textile fabric, composed substantially of non-thermoplastic material, to one another with the aid of heat and pressure by means of an intermediate layer of fabric containing cellulose acetate yarns which contain finely divided titanium dioxide, the uniting of the fabrics being facilitated by the presence of a mixture of 80% ethyl alcohol and 20% water.

2,126,755
METHOD OF MAKING A COMPOSITE FABRIC
Camille Dreyfus, New York, N. Y.
No Drawing. Application September 13, 1934, Serial No. 743,835
9 Claims. (Cl. 154—2)

1. Process for the production of collars, cuffs and like parts of wearing apparel, which comprises uniting by the action of heat and pressure the components of an assembly comprising a layer of non-thermoplastic fabric and a second layer of fabric containing a thermoplastic deriva-

tive of cellulose and plasticizer for said derivative of cellulose, the union being effected in the presence of water as the sole assisting liquid.

2,126,756

COMPOSITE FABRIC AND METHOD OF MAKING SAME

Camille Dreyfus, New York, N. Y.

No Drawing. Application September 27, 1934, Serial No. 745,759

15 Claims. (Cl. 154—2)

11. A method of preparing a fabric for use in the manufacture of collars, cuffs and other wearing apparel and which may be stiffened by the application of heat and pressure comprising incorporating a finely divided or powdered water-insoluble derivative of cellulose in intimate mixture with a cellulose ether that at least swells in water in a fabric comprising non-thermoplastic fibres.

2,126,757

METHOD OF ADHERING A MONOGRAM TO A BASE MATERIAL

Camille Dreyfus, New York, N. Y.

No Drawing. Application December 1, 1934, Serial No. 755,587

1 Claim. (Cl. 154—2)

A method of applying a monogram to a base material of non-thermoplastic material, which comprises placing between the base material and the monogram a fabric containing yarns of cellulose acetate and dibutyl tartrate in an amount equal to 75% based on the weight of the cellulose acetate present, and subjecting the assembly comprising the monogram, intermediate fabric and base material to heat and pressure in the presence of water.

2,126,758

COMPOSITE FABRIC AND METHOD OF MAKING THE SAME

Camille Dreyfus, New York, N. Y.

No Drawing. Application April 24, 1935, Serial No. 17,930

15 Claims. (Cl. 154—2)

1. Wearing apparel or other industrial or technical articles comprising a plurality of fabrics containing both non-thermoplastic fibres and thermoplastic cellulose derivative yarns or filaments, said articles having an increased stiffness due to the presence between two of said fabrics of an intermediate layer of cellulose derivative yarns or filaments which have been subjected to heat and pressure in the presence, in said layer only, of a plasticizer for the cellulose derivative, the derivative of cellulose yarns or filaments in the fabrics free of plasticizer retaining their original appearance.

2,126,759

COMPOSITE FABRIC AND METHOD OF MAKING SAME

Camille Dreyfus, New York, N. Y.

No Drawing. Application April 8, 1936, Serial No. 73,307

18 Claims. (Cl. 154—2)

1. Method of imparting stiffness or other properties to a fabric containing thermoplastic derivative of cellulose, which comprises applying to said fabric a mixture of water-soluble and water-insoluble plasticizers for the derivative of cellulose and subjecting the so-treated fabric to the action of heat and pressure in the presence of water.

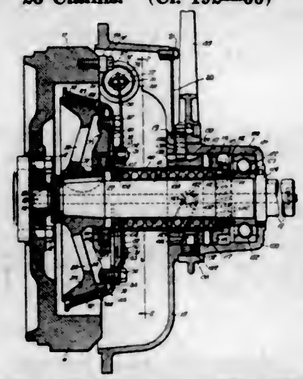
2,126,760

CLUTCH

Clarence M. Eason, Waukesha, Wis., assignor to Industrial Clutch Company, a corporation of Wisconsin

Application December 28, 1936, Serial No. 117,809

28 Claims. (Cl. 192—66)



1. Clutch mechanism comprising driving and driven parts, a pair of relatively movable clutch members adapted to be engaged and to rotate together to transmit the drive from the driving part to the driven part, means rigidly connecting the driven clutch member to said driven part so as to rotate therewith and to take any misaligned position that said part takes with respect to the driving part, and means for connecting the driving clutch member to said driving part including a plurality of radially extending circumferentially disposed flexible plates secured at their radially inner portions to said driving clutch member and extending radially outwardly to points of attachment to said driving part.

2,126,761

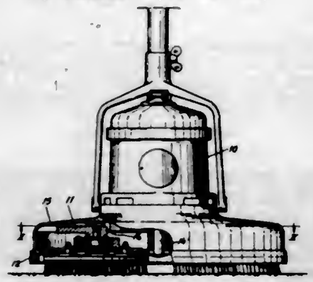
SURFACE TREATING APPARATUS

Axel Olof Engberg, Stockholm, Sweden, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden, a corporation of Sweden

Application March 28, 1935, Serial No. 13,567

In Germany March 29, 1934

9 Claims. (Cl. 15—49)



1. In a floor polisher, a frame having integral parts, a driving shaft rotatable about an axis fixed with respect to a part of said frame, a pin rigidly fixed to another part of said frame, a brush carrier member having a hub rotatably mounted on said pin and having a rigid circular edge, the hub of said brush carrier member being permanently concentric with said pin, and resilient means arranged in the path of force transmission between the first mentioned part of said frame and said edge for resiliently urging said edge toward said driving shaft.

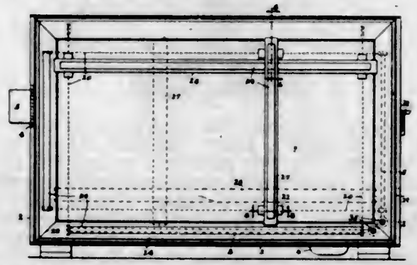
2,126,762

CURTAIN STRETCHING AND DRYING APPARATUS

John Faber, Jr., Haledon, N. J., assignor to The Prosperity Company, Inc., Syracuse, N. Y., a corporation of New York

Application January 9, 1937, Serial No. 119,750

4 Claims. (Cl. 34—17)



4. The combination, with a chamber for drying fluid having an opening and a generally plate-like and substantially rectangular closure adapted closely to fit said opening and including a substantially rectangular wall and a housing affixed to, and such housing including a channeled shell extending continuously around and open toward, the wall margin, said shell projecting beyond the plane of each face of the wall, of baffle means obstructing fluid flow around said wall margin and between the same and the housing, rotary members journaled in the housing with their axes parallel with the respective marginal sides of the wall, pairs of endless flexible elements arranged with one pair extending around said wall and two of said members which are co-parallel and with the other pair of elements extending around said wall and the other two members, said baffle means having limited apertures through which said elements extend, and bars arranged opposite one face of said wall, one bar being carried by one pair and the other bar being carried by the other pair of said elements, and the bars and the closure having means to which to attach the margins of the article to be treated.

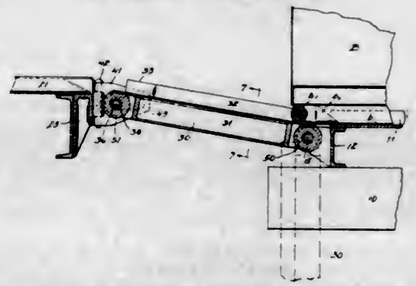
2,126,763

APPARATUS FOR TRANSFERRING FREIGHT CONTAINERS

Benjamin F. Fitch, Greenwich, Conn.

Application July 18, 1935, Serial No. 32,131

22 Claims. (Cl. 214—38)



3. The combination of a pair of vehicles, of a bridge adapted to connect them, said bridge being pivoted to one of the vehicles, a pair of folding wings secured to the other vehicle, said wings being adapted to engage and support the free end of the bridge.

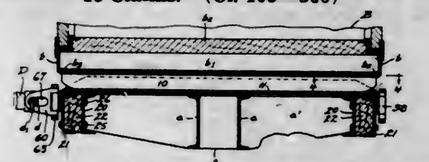
2,126,764

RAILWAY CAR

Benjamin F. Fitch, Greenwich, Conn.

Application February 3, 1936, Serial No. 62,097

15 Claims. (Cl. 105—366)



1. The combination of a railway car having an interrupted floor, transverse body-receiving channels mounted between the floor sections, and rubber blocks between the channels and the floor sections.

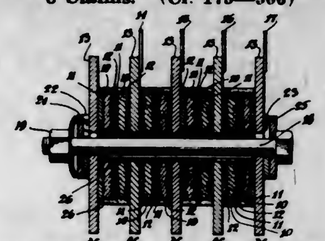
2,126,765

RECTIFIER SEALING

Paul B. Freeman, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware

Application March 4, 1937, Serial No. 128,953

8 Claims. (Cl. 175—366)



1. A dry disc rectifier comprising a plurality of rectifier discs in face-to-face contact said discs having inner and outer edges and an insulating sealing material in solid adherent form covering all the edges of said discs so as to exclude air from the edge surfaces of said discs.

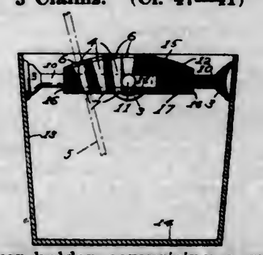
2,126,766

FLOWER HOLDER

Frank Joseph Gerbermann, St. Louis, Mo.

Application March 18, 1937, Serial No. 131,646

3 Claims. (Cl. 47—41)



1. A flower-holder comprising a rubber body including an upper layer of solid rubber on an underlying portion of sponge rubber, there being openings extending through solid and the spongy portions of the body in sequence.

2,126,767

QUICK ACTING CLAMP

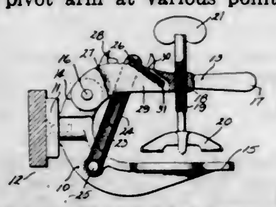
Alfred G. Gibbons, Waupun, Wis., assignor to The Shaler Company, Waupun, Wis., a corporation of Delaware

Application April 30, 1936, Serial No. 77,213

9 Claims. (Cl. 18—18)

1. Clamping mechanism comprising the combination with a support and a base platen, of an

arm pivotally connected with the support and provided with an adjustable clamping member adapted to engage devices on the base platen, and an arm holding device pivotally connected with the support and interlockingly engageable with the pivot arm at various points along its



length and adapted to hold the arm unyieldingly in clamping position, said holding device also having resilient connection with the arm between it and the clamping member to automatically pull the holding device toward its operative position when the arm is swung to a clamping position.

2,126,768

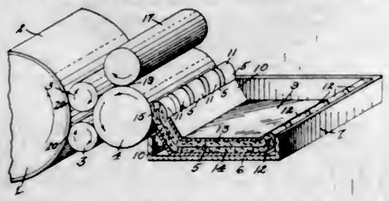
DAMPENING SYSTEM FOR LITHOGRAPHIC AND ANALOGOUS PRESSES

John G. Goedike, San Antonio, Tex.

Application January 20, 1938, Serial No. 185,812

8 Claims. (Cl. 101—147)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. The method of dampening printing surfaces of lithographic and analogous printing members, which consists in feeding a dampening fluid from a source of supply in two directions through an endless path to a dampening system, and transmitting said dampening fluid to said printing surface through said dampening system.

2,126,769

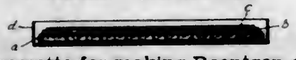
CASSETTE, PARTICULARLY FOR X-RAY EXPOSURES

Wilhelm Goldschmidt, Erlangen, Germany, assignor to Siemens-Reiniger-Werke A. G., Berlin, Germany, a corporation of Germany

Application April 5, 1937, Serial No. 135,062

In Germany August 14, 1936

3 Claims. (Cl. 250—34)



1. In a cassette for making Roentgen exposures with the aid of an intensifying screen, a shallow container having a bottom which is transparent to Roentgen rays, an elastic envelope filled with a fluid and removably positioned in said container against the bottom thereof, a lid or cover for said container, and a sheet of material opaque to Roentgen rays secured to the inside of said cover, and a layer of resilient material covering said sheet of opaque material and adapted to cooperate with said envelope to secure uniform surface contact between a film and intensifying screen pressed between said layer and envelope when the said lid is closed.

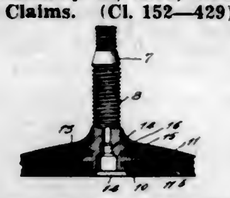
2,126,770

AIR-INFLATING DEVICE

Theodore A. Hammond, Montclair, N. J.

Application February 21, 1935, Serial No. 7,505

2 Claims. (Cl. 152—429)



1. A valve unit for the inner tube of a vehicle tire, comprising a hollow metallic stem having an integral enlarged plate-like projection at its lower end extending therearound and completely enveloped by a mass of rubber hermetically attached thereto, said mass being of greatest thickness immediately adjacent said stem and extending outwardly a substantial distance circumferentially beyond the edge of said plate-like projection and of reduced thickness outwardly therefrom for attachment to the inner tube, and said stem at a point substantially inwardly from the outer edge of said projection and within the greater thickness of said mass of rubber having an integral rib extending therearound and located close to one surface of said plate-like projection, said rib being also completely enveloped by said mass of rubber, the rubber extending outwardly along the stem a substantial distance beyond the adjacent surface of said rib, whereby the circumferentially projecting portion of the rubber mass is reinforced and adhered to said enlarged plate-like projection, and the adjacent portions of the thickened mass of rubber adhered to and interlocked between the plate-like projection and rib and centrally reinforced immediately adjacent the stem, the whole being of sufficiently shallow depth to enable attachment to and use on an adjoining wall of the inner tube of a tire.

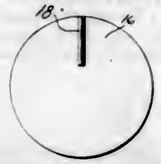
2,126,771

PROTECTIVE COVERING FOR UNCURED RUBBER PATCHES

Harold H. Hanson, Waupun, Wis., assignor to The Shaler Company, Waupun, Wis., a corporation of Delaware

Application March 30, 1936, Serial No. 71,697

3 Claims. (Cl. 152—367)



1. A blank of uncured vulcanizable rubber patch material provided on its rupture closing face with a protective fabricated covering having a grasping portion disposed with an edge extending in a generally radial direction from the center of the blank.

2,126,772

TRANSMISSION

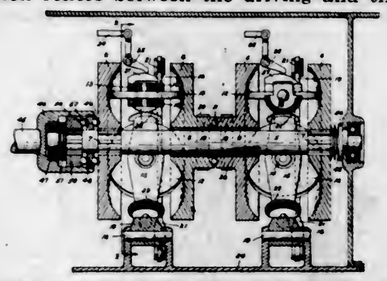
Robert K. Haskell, Berkeley, Calif.

Application June 24, 1936, Serial No. 87,018

6 Claims. (Cl. 74—190.5)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. In a transmission, a driving shaft, a pair of driving disks fixed on the shaft for rotation in unison, a pair of driven disks mounted on the shaft for rotation independently of each other, friction rollers between the driving and the in-



dependently driven disks for driving the driven disks at variable speeds, a geared sleeve on each of the driven disks, and a driven shaft actuated by each geared sleeve.

2,126,773

MANUFACTURE OF SYNTHETIC RESINS

Walther Heyn, Berlin, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 1, 1935, Serial No. 19,301. In Germay May 4, 1934

5 Claims. (Cl. 260—8)

1. A process which comprises heating in a closed system under pressure an oil modified polyhydric alcohol-polybasic acid resin in solution in an inert solvent of the class consisting of aliphatic and aromatic hydrocarbon solvents, said solvent being one which is readily volatile at room temperature and which has an evaporation time not more than 50 times that of pure toluene, and continuing said heating until the resin solution when mixed with a solution of urea-aldehyde resin forms no precipitate but yields a compatible, stable mixed solution of the two resins.

2. A process for making a compatible mixture of oil modified polyhydric alcohol-polybasic acid condensation product and a resin of the class consisting of natural resins and urea-aldehyde resins, said process comprising heating in a closed system under pressure a solution of said condensation product in an inert solvent of the class consisting of aliphatic and aromatic hydrocarbon solvents, said solvent being one which is readily volatile at room temperature and which has an evaporation time not more than 50 times that of pure toluene, continuing said heating until the solution of said condensation product is capable of forming homogeneous solutions with said resin, and blending the polyhydric alcohol-polybasic acid condensation product thus treated with said resin.

2,126,774

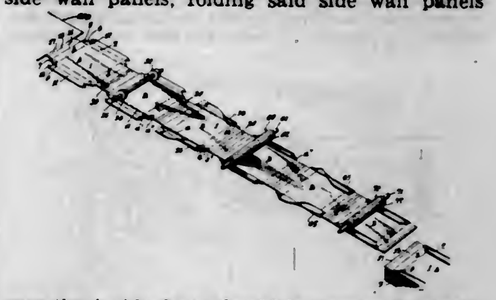
METHOD OF MAKING COLLAPSIBLE BOXES

Hutchinson S. Hinkle, Bethany, Conn., assignor to National Folding Box Company, New Haven, Conn., a corporation of New Jersey

Application June 28, 1937, Serial No. 150,677

10 Claims. (Cl. 93—49)

1. In a method for assembling a collapsible paperboard box formed from a paperboard blank having a bottom wall panel, side and end wall panels with flaps extending from said side wall panels, corner portions hinged to and connecting said side and end wall panels, and tabs extending from the ends of said side wall flaps, the steps which include, applying a strip of adhesive in a substantially continuous straight line of substantially uniform width along the inside face of each of said side wall panels and the adjacent corner portions, folding said side flaps over said side wall panels, folding said side wall panels



over the inside face of said bottom wall panels, and pressing the corner portions into adhesive contact with the end wall panels which they overlie.

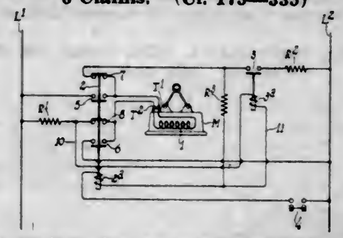
2,126,775

CONTROLLER FOR INDUCTIVE DEVICES

Howard E. Hodgson, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware

Application March 4, 1936, Serial No. 67,022

6 Claims. (Cl. 175—335)



1. A system for energizing and deenergizing an inductive winding comprising a first circuit for supplying current to said winding in one direction, a second circuit for supplying current to said winding in a reverse direction, electromagnetic switching means operable when energized to close said first circuit and when deenergized to open said first circuit and complete said second circuit, and an electroresponsive switch for interrupting said second circuit upon completion thereof by said switching means, said switch being moved to closed position upon energization of said switching means and being movable to open position upon a predetermined electrical condition of said winding.

2,126,776

FUEL PULVERIZER AND FEEDER

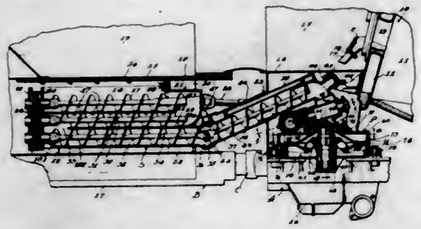
Francis Hogg, Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y., a corporation of Delaware

Application October 6, 1933, Serial No. 692,385

6 Claims. (Cl. 110—106)

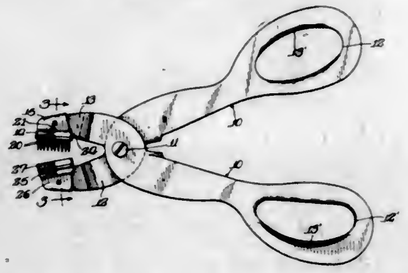
6. In combination with a locomotive and a tender, the former being provided with a firebox and the latter having a fuel bin, a fuel conveying system including a transfer conveyor mounted on the tender and receiving fuel therefrom and advancing it toward the locomotive and a conveyor flexibly connected with said transfer conveyor and arranged to receive fuel therefrom, said flexibly connected conveyor leading forwardly toward the firebox and being flexibly connected with respect

thereto, fuel crushing means in said transfer conveyor, a heating device for said conveying system, said heating device including a plurality of tubular members extending interiorly of said transfer conveyor and a plurality of tubular members extending interiorly of said flexibly related con-



veyor, a flexible connection between the tubular members of said transfer conveyor and the tubular members of said flexibly related conveyor adjacent the flexible connection between said conveyors, means for supplying a heating fluid to such tubular members and means for introducing the fuel into the firebox.

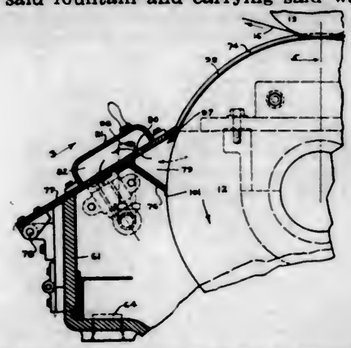
2,126,777
TATTOO MARKER
Gus A. Holt, Chicago, Ill., assignor to Prairie Farm Service Company, a corporation of Illinois
Application September 5, 1936, Serial No. 99,551
2 Claims. (Cl. 101—26)



1. In a poultry and animal marker, a pair of substantially flat handle members pivoted together, oppositely disposed flat tapered jaws formed on one of the ends of said members, a die holder secured to one of said jaws, a die mounted in said holder, a cooperation pad holder secured to the other of said jaws, and a rubber pad vulcanized to said last named holder.

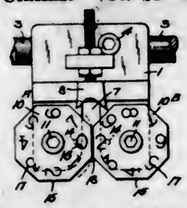
2,126,778
ROTARY INTAGLIO PRINTING MACHINE
Albert J. Horton, White Plains, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application April 28, 1936, Serial No. 76,802
15 Claims. (Cl. 101—157)

1. In an intaglio printing machine, in combination, an ink fountain having in its structure upper and lower communicating compartments, a printing cylinder mounted to rotate in said ink fountain and take ink upon its surface from said lower compartment, said upper compartment being formed by a cover plate for the ink fountain and a wall below the cover plate, said plate and said wall ending adjacent said cylinder, said cover plate being mounted for movement to uncover said fountain and carrying said wall, and



means to draw air from said upper compartment to prevent it entering said lower compartment.

2,126,779
THREAD CLEANER
Samuel Hyslop, Newton, Mass.
Application May 29, 1937, Serial No. 145,475
5 Claims. (Cl. 28—68)

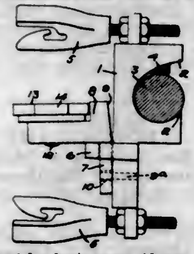


1. A thread cleaner comprising a back plate with means for securing it to a support, means including centering members with an opening between them for the discharge of lint, and for supporting cleaner members in axially centered position on the back plate, and a plurality of thread cleaning members axially centered and circumferentially adjusted on said supporting means, each member having a plurality of circumferential facets of different radial measurement adapted to cooperate with a facet on a second similar member thereby to provide between them paths of different widths for the thread; and each facet having an identifying character adjacent to it indicating its distance in stated units of measurement radially from the true cleaner member circumference; means on the cleaner member supporting means and on said member to lock the member to the supporting member.

2,126,780
THREAD CLEANING DEVICE
Samuel Hyslop, Newton, Mass.
Application February 26, 1938, Serial No. 192,800
3 Claims. (Cl. 28—68)

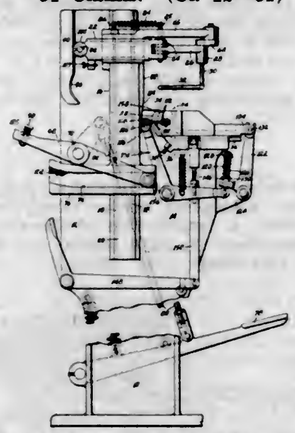
1. A thread cleaning device comprising a back plate with means for securing it to a support, means including forwardly and laterally extended arm-like members on the back plate, with an opening between them for the discharge of lint, a bracket in said arm-like members, said bracket having means for supporting cleaner members in axially centered position thereon, a plurality of thread cleaning members axially centered on the bracket, each cleaning member having a plurality of facets on its circumferential edge and of different radial measurement from the member center, each facet

having means to indicate its distance in stated units of measurement radially from the true cleaner member circumference, and adapted to cooperate with said facets on a second similar



member, to provide between them paths of different widths for the thread; means on the thread cleaner member supporting means, and on said cleaner member for locking said member to the supporting means.

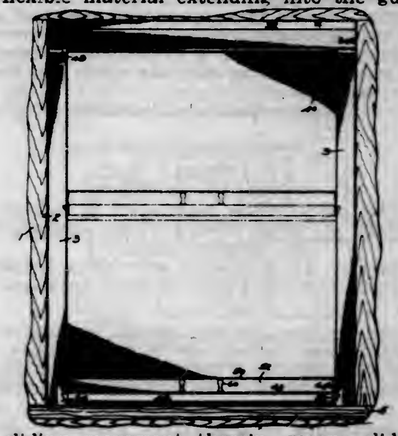
2,126,781
MACHINE FOR ASSEMBLING COUNTERS AND UPPERS
Bernhardt Jorgensen, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 11, 1937, Serial No. 130,340
51 Claims. (Cl. 12—51)



1. In a machine for assembling lined uppers and counters, means for supporting a lined upper, means for supporting a counter and positioning it relatively to the supported upper, a wiper for wiping the rear part of the lining against the inner surface of the counter from the top edge of the counter to the bottom edge thereof, and means operating during the wiping operation to cause the non-wiped portion of the lining to extend from the wiper in a direction substantially opposite to the direction of operative movement of the wiper.

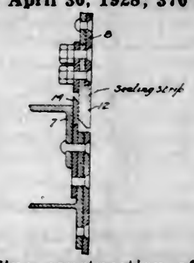
2,126,782
ROLLER SCREEN
Louis F. Julien, Detroit, Mich., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich., a corporation of Michigan
Application February 17, 1938, Serial No. 191,023
5 Claims. (Cl. 156—39)

1. In an arrangement of the character described, the combination of guides for attachment in parallel relation to opposite sides of a frame, a spring wound roller mounted for rotation between the upper extremities of the guides, a length of flexible material partly wound around the roller having one extremity secured thereto, the lateral margins of the unwound portion of the flexible material extending into the guides



for sliding movement therein, means slidably mounted in the guides in which the lower lateral extremities of the flexible material are supported for limited longitudinal movement, and means tending to hold the slidable means stationary in the guides.

2,126,783
SEALING MEANS FOR SEGMENTAL GATES
Lewis E. Knerr, Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War
Application May 25, 1937, Serial No. 144,615
5 Claims. (Cl. 61—22)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

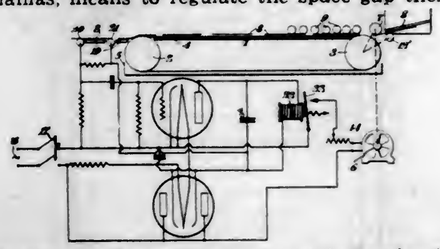


1. In a sealing construction of the character described, the combination with segmental gates, including a series of segments superimposed along their longitudinal edges, of complementary sealing means extending from the abutting edges of the segments and co-acting to seal the joints between the segments, said means including a contact plate and a metal sealing strip, the metal sealing strip being inclined into the path of the contact plate to provide a binding engagement between the plate and the strip.

2,126,784
DECALCOMANIA MOISTENING APPARATUS
Herbert Kott, Whitestone, New York, N. Y., assignor to Decal Automatic Corporation, New York, N. Y., a corporation of New York
Application August 17, 1936, Serial No. 96,348
10 Claims. (Cl. 91—54)

1. A decalcomania moistening apparatus comprising in combination a pair of rollers, means

to rotatably sustain said rollers in substantially horizontal spaced relation, an endless belt supported on said rollers and adapted to frictionally engage the roller surfaces and to rotate therewith, means to moisten said belt, means to rotate said belt and rollers in one direction, said means including means to regulate the speed of said belt, means to feed onto the belt in the direction of travel of the same a succession of decalcomanias, means to regulate the space gap there-



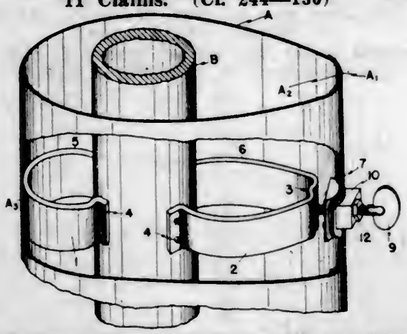
between on the said belt, means to receive the decalcomanias successively at the delivery end of the said belt, said means including means to interrupt actuation of the said belt driving means and the said decalcomania feeding means upon the positioning of a delivered moistened decalcomania upon said receiving means and to actuate the two said means upon the removal of said delivered decalcomania from said receiving means.

2,126,785

READILY DETACHABLE FAIRING

Isaac M. Laddon, San Diego, Calif., assignor to Consolidated Aircraft Corporation, a corporation of Delaware

Application September 10, 1936, Serial No. 100,065
11 Claims. (Cl. 244—130)



3. In aircraft construction, a strut, a fairing, bracket means attached to the said strut, and expansible screw means adapted to attach said fairing to said bracket means by separation of a portion of said bracket means from an opposed portion of said fairing.

2,126,786

METHOD OF MELTING AND CASTING MAGNESIUM AND ALLOYS RICH IN MAGNESIUM

Leopold Lasch and Georg Schichtel, Radenthein, Austria, assignors to American Magnesium Metals Corporation, Pittsburgh, Pa., a corporation of Delaware

No Drawing. Application September 16, 1936, Serial No. 101,083. In Austria October 7, 1935

7 Claims. (Cl. 75—67)

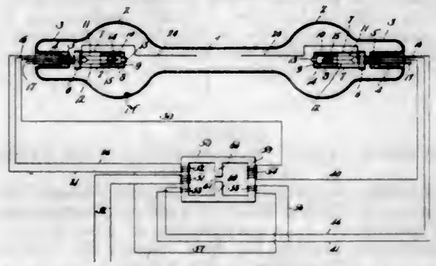
1. A method of preventing the action of air upon molten magnesium and magnesium alloys, which comprises applying to the metallic material practically anhydrous solid organic substance capable of combusting in the air, at the working temperature, with the formation of a froth inert to magnesium, and allowing such a froth to be formed in contact with the heated metal, which froth becomes then converted, by carbonization, into a hard crust covering the freely exposed surface of the melt.

2,126,787

ELECTRIC LAMP

Clarence J. Le Bel, Cambridge, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application August 14, 1929, Serial No. 385,707
15 Claims. (Cl. 250—35)



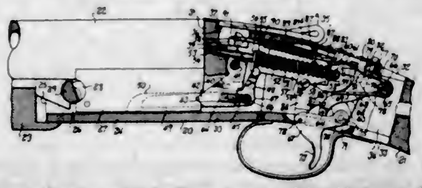
1. An ultra violet lamp comprising an envelope, containing mercury vapor at a pressure of between 1 and 8 microns during the normal operation of the lamp, and an inert gas at a pressure of the order of between 1 and 8 mm. and means for producing an electrical discharge in said gaseous filling.

2,126,788

FIREARM

George S. Lewis, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland

Application May 14, 1936, Serial No. 79,673
13 Claims. (Cl. 42—69)



1. A firearm including in combination: a firing-plunger; a sear for releasably holding the said firing-plunger in its cocked position; a trigger movable with respect to and controlling the said sear; a firing-spring encircling the said firing-plunger; a shiftable member having a portion positioned to limit the firing movement of the said firing-plunger; and spring-means urging the said shiftable member in a direction opposite to the firing movement of the said firing-plunger and serving to shift the said firing-plunger and the firing-spring carried thereby in the direction required to engage the said firing-plunger with the said sear.

2,126,789

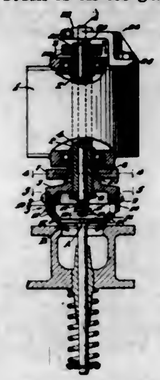
APPARATUS FOR CONDITIONING VALVES AND VALVE SEATS

Roy Lindsey, Hollywood, Calif.

Application November 4, 1933, Serial No. 696,669
7 Claims. (Cl. 90—12.5)

7. A valve seat conditioning element compris-

ing an element so constructed as to be applied and removed from between a valve and its seat while the valve stem is in its guide, said element



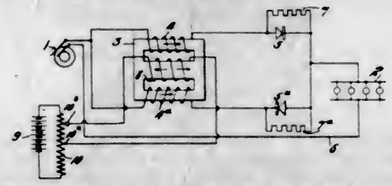
having a body portion and a convex tool member constructed to operate at a fixed angle to the body portion.

2,126,790

ELECTRIC CONTROLLING APPARATUS

Frank G. Logan, Mount Vernon, N. Y., assignor to Ward Leonard Electric Company, a corporation of New York

Application June 23, 1936, Serial No. 86,743
12 Claims. (Cl. 171—242)



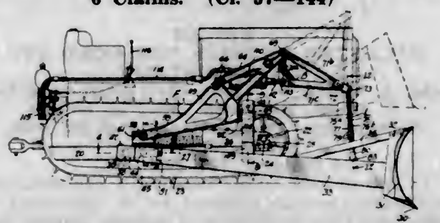
1. The combination of an alternating current source, an electric valve for passing current from said source in one direction through a consumption circuit, a second electric valve for passing current from said source in the reverse direction through the consumption circuit, and reactive means having windings connected in series with said valves respectively.

2,126,791

ROADWAY EXCAVATING MACHINE

John J. Low, Los Angeles, Calif., assignor to Kay Brunner Steel Products Inc., a corporation of Delaware

Application December 18, 1935, Serial No. 55,037
6 Claims. (Cl. 37—144)



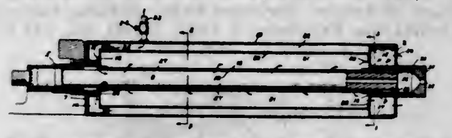
2. In a roadway excavating machine having a tractor provided with wheels and endless tracks trained about the wheels, means for supporting the wheels on the tractor for yielding movement relative to the tracks in the event an obstruction lodges between the wheels and tracks, an excavating implement mounted on the tractor for upward movement, a pair of frames pivoted at one end on the tractor, uprights pivoted on the frames between their ends and pivotally supported on said means to support the frames in inclined positions on the tractor irrespective of the position of the wheels on the tractor, mechanisms mounted on the upper portions of the frames and operatively connected to said implement for elevating the latter, and actuators mounted on the frames for operating the mechanisms.

2,126,792

COOLING APPARATUS

Stephen H. MacGregor, Washington, D. C.

Application March 2, 1938, Serial No. 193,535
3 Claims. (Cl. 89—14)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a gun, a support, a barrel mounted in the support and projecting therefrom, a cooling apparatus for the barrel including an outer cylinder having a rear end plate mounted on the support and a front end plate with a bearing for receiving the muzzle of the barrel, rear and front header plates within the outer cylinder and spaced from the rear and front end plates to establish a rear and a front chamber, an inner cylinder fixed to the header plates and spaced from the barrel to establish an annular chamber in communication with the rear chamber, an intermediate cylinder fixed to the header plates between the inner and outer cylinders and establishing therewith an inner and an outer expansion chamber, ports in the rear header plates to establish communication between the outer expansion chamber and the rear chamber, ports in the inner cylinder, ports in the front header plate to establish communication between the inner expansion chamber and the front chamber, means for venting the front chamber to atmosphere, and means for admitting a compressed gas to the outer expansion chamber.

2,126,793

REMOVING FLUORIDES FROM WATER

Walter H. MacIntire, Knoxville, Tenn.

No Drawing. Application November 12, 1937, Serial No. 174,203
8 Claims. (Cl. 210—23)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

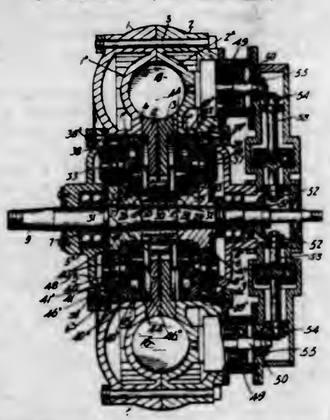
1. Process of removing dissolved fluorides from water, free from suspended matter, to render it potable, which comprises adding at least 200 p. p. m. of suspended matter to the water; adding 30 to 40 p. p. m. of orthophosphoric acid to the water containing the suspended matter, for each p. p. m. of fluorine contained in the water; adding calcium hydroxide to the acidified water in an amount sufficient to convert the orthophosphoric acid to tricalcium orthophosphate; maintaining the time of contact between the product of the reactants and the water such that the solute fluoride content of the water is at least reduced below the limit of toxicity for the fluorides in the water; and settling out the suspended matter from the water.

2,126,794
RESINOUS COMPOSITIONS
Walter R. Marshall, Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application March 27, 1936. Serial No. 71,332
10 Claims. (Cl. 260—2)

1. A resinous reaction product of a halide of an aromatic dicarboxylic acid and an ester of an aromatic hydroxy carboxylic acid characterized by insolubility in alkaline solutions.

3. A resinous reaction product of a chloride of an aromatic dicarboxylic acid, an ester of an aromatic hydroxy carboxylic acid and a phenol other than said ester, characterized by insolubility in alkaline solutions.

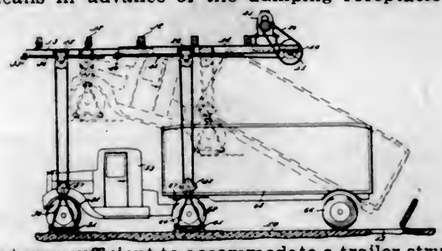
2,126,795
ROTARY INTERNAL COMBUSTION ENGINE
Hugh McIntyre, Kirkland Lake, Ontario, Canada
Application February 1, 1937, Serial No. 123,354
6 Claims. (Cl. 123—11)



1. The combination with a stationary engine body, engine shaft, an annular concentric cylinder formed in the engine body, piston carriers mounted freely on the engine shaft and having oppositely curved slots and pistons formed integral with the carriers and operating within the cylinder, of fly wheels secured to the engine shaft, a central crank member engaging a pair of the aforesaid oppositely curved slots and actuated by the movement of the pistons, piston carriers and the curved slots of the carriers to rotate around its own axis, means in the fly wheel for controlling the central crank to rotate evenly during each revolution, and means actuated by the pistons, piston carriers and the central crank for rotating the fly wheels and the engine shaft to which the fly wheels are secured.

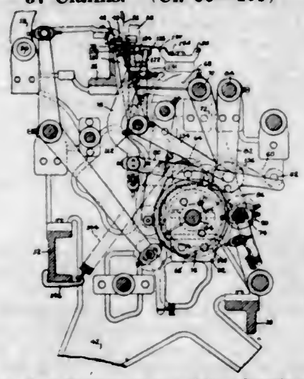
2,126,796
SEMITRAILER DUMPING APPARATUS
Louis J. McMillin, Indianapolis, Ind.
Application December 6, 1937, Serial No. 178,247
3 Claims. (Cl. 214—46.5)

1. In combination with a vehicle driveway having a dumping receptacle therein, of vehicle dumping means comprising two trolley structures and track means therefor arranged longitudinally of a vehicle driveway such that said trolley structure may independently shift, longitudinally of the driveway, in variable specified relationship with the driveway, hoisting means carried by each of said trolley structures, and means for simultaneously differentially manipulating said hoisting means, one at a faster rate than the other, the trolley structures being locatable on the track means in advance of the dumping receptacle a



distance sufficient to accommodate a trailer structure between the trolley structures and the receptacle with its rear end resting upon the driveway adjacent the receptacle during hoisting operation.

2,126,797
KNITTING MACHINE
Max C. Miller, Cumberland, R. I.
Application January 15, 1936, Serial No. 59,236
37 Claims. (Cl. 66—109)

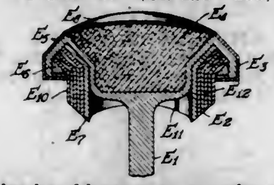


36. In a flat knitting machine having knitting instrumentalities including a series of needles movable as a unit, sinkers and knockover and web holder elements, certain of said knitting instrumentalities having a take-up action to remove the fabric as knitted from the needles, and a supporting guide member having a fabric supporting surface of a width equal to the width of the needle series and extending forwardly from adjacent the tips of said knockover and web holder elements to carry said fabric as knitted away from the knitting instrumentalities.

2,126,798
RECOVERY PROCESS FOR GOLD AND OTHER METALS
John A. Miner, St. Louis, Mo., assignor to Carl A. Hahn, Kirkwood, Mo., as trustee
No Drawing. Application March 16, 1936, Serial No. 69,136
2 Claims. (Cl. 209—176)

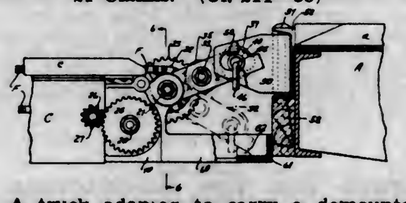
1. The process of pretreating a conglomerate containing metals adapted to be recovered by amalgamation consisting of adding sodium hydroxide and cupric sulfate to water in predetermined quantities, and adding the solution thus obtained to the metal bearing conglomerate in quantity determined by the metal richness of the conglomerate.

2,126,799
VALVE
Roy William Myers, Dennison, Ohio
Application April 5, 1937, Serial No. 134,954
4 Claims. (Cl. 123—188)



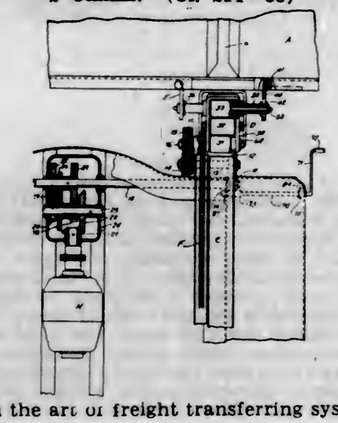
1. A valve head having an annular recess under the periphery of said head, a plurality of collars having angular portions received in said recess, the outer ends of said collars forming a slightly resilient valve surface, and a retaining ring located in said recess and cooperating with the angular portions of said collars to retain the collars in the valve head.

2,126,800
APPARATUS FOR TRANSFERRING DEMOUNTABLE BODIES
Ragnar A. Norbom, Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application June 27, 1936, Serial No. 87,649
21 Claims. (Cl. 214—38)



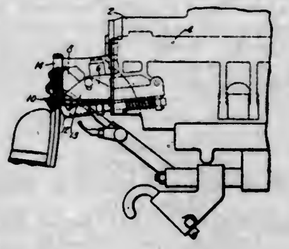
1. A truck adapted to carry a demountable body and provided with a hinged bridge, and a bumper carried by the truck and adapted to protect the bridge from blows and also to support it in an idle position during normal travel of the truck.

2,126,801
APPARATUS FOR TRANSFERRING DEMOUNTABLE BODIES
Ragnar A. Norbom, Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application June 29, 1936, Serial No. 87,936
2 Claims. (Cl. 214—38)



1. In the art of freight transferring systems of the class described, wherein a motor-driven gear mechanism is employed for normally moving a demountable body from a truck to a railway car or vice-versa, the combination of a removable crank having a shaft with a pinion both removable with the crank and a pilot beyond the pinion, and crank receiving bearings carried by the truck to receive said pilot, whereby when said crank is put in place its pinion will mesh with and drive the gear mechanism, which is normally driven by said motor, so that the body can be manually moved from said truck to said car or vice-versa.

2,126,802
SHOE FINISHING MACHINE
William H. Nutt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 18, 1937, Serial No. 169,526
9 Claims. (Cl. 12—17)



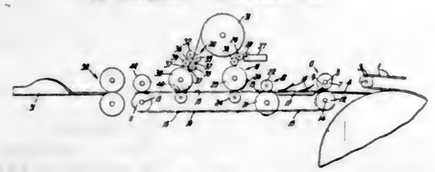
1. In a device for applying a solid finishing medium to a work piece, means normally urging the solid finishing medium into engagement with the work, and a detent for preventing movement of the finishing medium, said detent being arranged to be displaced by the presence of the work, thereby releasing the finishing medium and enabling the first-named means to force the finishing medium into engagement with the work.

2,126,803
METHOD FOR PRODUCTION OF HYDROGEN CHLORIDE
Sidney G. Osborne, New York, N. Y., assignor to Hooker Electrochemical Company, New York, N. Y., a corporation of New York
Original application October 26, 1934, Serial No. 750,185. Divided and this application October 9, 1937, Serial No. 168,256
4 Claims. (Cl. 23—256)



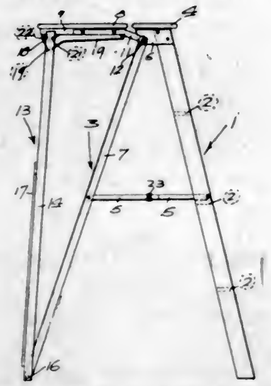
4. The method of reacting anhydrous ammonia with anhydrous chlorine which comprises continuously conducting them into contact with calcium chloride in a reaction chamber previously heated to a temperature at which in presence of calcium chloride ammonia is decomposed and regulating the supply of said ammonia and said chlorine to the capacity of said chamber to maintain said chamber at said temperature, whereby anhydrous products of reaction consisting principally of hydrogen chloride and free nitrogen result.

2,126,804
MACHINE FOR MAKING WINDOW ENVELOPES
Elmer G. Overly, Greensburg, Pa., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York
Application December 8, 1931, Serial No. 579,703
Renewed November 7, 1936
10 Claims. (Cl. 93—61)



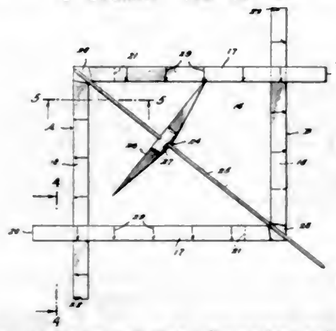
1. In an envelope machine, in combination, means for fanning out blanks, means for gumming the blanks in fanned-out condition, means for thereafter spacing out the blanks, means for positively advancing them at uniform speed, rotary means for cutting window openings in the traveling blanks, means for applying window patches to the traveling blanks, and means for thereafter folding the blanks.

2,126,805
STEPLADDER
Robert R. Parkinson and Stuart E. Weaver, Palo Alto, Calif.
Application March 17, 1937, Serial No. 131,436
1 Claim. (Cl. 228—17)



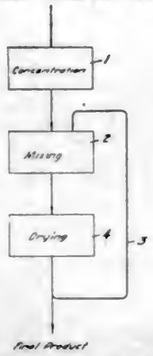
In a step ladder the combination with a step member having steps and a top fixed thereon, a supporting member pivoted to the step member below the top, and interlocking foldable braces to brace the step and the supporting members in the unfolded position; of an extension platform pivotally secured to the step member at the said top; platform supporting rails pivoted to the said supporting member and extended upwardly to the underside of the platform; a connecting element on the upper ends of the rails; of wire guides on the underside of the platform extending toward the outer free edge of said platform being spaced from the underside of the platform to slidably confine the connecting element on the underside of the platform; the ends of the guides being closed to prevent the removal of the connecting member therefrom; stops extended from the underside of the platform adapted to allow the said connecting member to pass over the stops outwardly but to be held in obstructing position by the weight of the platform, after the latter is brought into extended position, thereby to prevent the collapsing of the said rails unless the platform is lifted and folded.

2,126,806
AMUSEMENT DEVICE
Adelaide C. Patey, Bedford Hills, N. Y.
Application November 1, 1934, Serial No. 750,941
3 Claims. (Cl. 35—26)



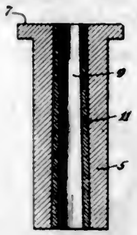
1. In a device of the character set forth, a finder including a pair of relatively slidable frame members each having a pair of angularly disposed legs adapted to be adjusted to define quadrilaterals of varying sizes, said frame members each having a recessed portion at the juncture of the legs thereof, a rod slidably associated with the recessed portions and a pointer slidable on the rod and having its axis extending at right angles to the axis of the rod.

2,126,807
METHOD FOR THE MANUFACTURE OF STABLE POWDERED FOOD PRODUCTS CONTAINING MILK SUGAR
David D. Peebles, Eureka, Calif.
Application July 2, 1934, Serial No. 733,412
3 Claims. (Cl. 99—56)



1. In a method of producing a non-hygroscopic powdered food product from liquid lactose-containing material, the steps of evaporating the liquid material to produce a liquid concentrate, and then rapidly increasing the ratio between solids and liquid content until a non-hygroscopic divided solid product is obtained in which the water content is ample to supply water of crystallization for the milk sugar, the rapid increase in ratio between solids and liquid content being obtained by mixing the liquid concentrate with a powdered non-hydroscopic lactose-containing material.

2,126,808
APPARATUS FOR CASTING METAL
Albert J. Phillips, Metuchen, N. J.
Application April 24, 1935, Serial No. 17,893
Renewed November 9, 1937
10 Claims. (Cl. 22—57.2)

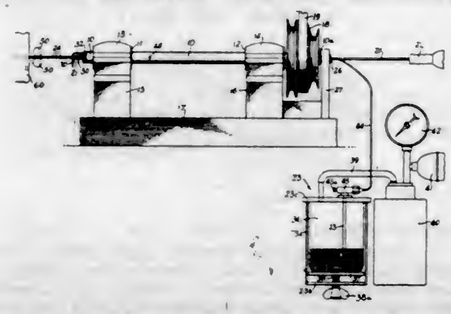


4. A die for casting metals which comprises a graphite body having a bore therethrough and a lining of fused glaze surrounding the bore, the said glaze being transparent to heat waves for effecting rapid transfer of heat to the graphite body.

2,126,809
METHOD OF TREATING COTTON
William Beach Pratt, Wellesley Hills, Mass.
No Drawing. Application July 15, 1935, Serial No. 31,443
4 Claims. (Cl. 8—20)

1. The method of treating cotton fibers containing natural waxes or gums which includes subjecting such fibers to the action of hot aqua ammonia until the axial spiral twist of the flat ribbon-like cells of such fibers uncoil and the gums or waxes are softened.

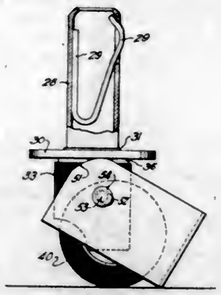
2,126,810
INKING APPARATUS AND METHOD OF SUPPLYING INK TO A DIELECTRIC BODY
Alexander L. Pugh, Jr., Philadelphia, Pa., assignor to International Resistance Company, Philadelphia, Pa., a corporation of Delaware
Application December 31, 1935, Serial No. 57,067
19 Claims. (Cl. 91—12)



1. In apparatus of the character described, in combination, means for imparting longitudinal motion to an elongated dielectric body, and means including a part in point contact with said body adapted to rotate about said body and paint spaced spiral coils thereon.

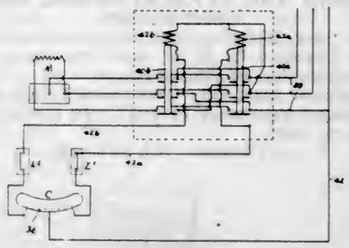
15. The herein described art which consists in continuously forming a dielectric member, moving said member axially only as it is formed, and applying ink at a constant rate, consistency and depth on said member in spaced spiral coils of constant width and pitch as the member moves.

2,126,811
CASTER
Ingar G. Rambo, Wauwatosa, and Fred H. Graser, Milwaukee, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del., a corporation of Delaware
Application July 15, 1936, Serial No. 90,712
9 Claims. (Cl. 16—34)



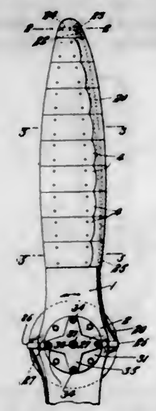
4. A caster of the character described comprising, a bearing plate, a caster wheel swivelly mounted from said bearing plate, a U-shaped stirrup member pivotally mounted from said caster, a cam surface formed on one of the upwardly extending legs of the stirrup and engageable with the under side of said bearing plate to raise the caster wheel off the ground and transmit the load directly from the bearing plate through the stirrup to the ground.

2,126,812
MOTOR CONTROL SYSTEM
Clifford H. Ramsey, Glen Rock, N. J.
Application February 5, 1935, Serial No. 5,156
4 Claims. (Cl. 172—239)



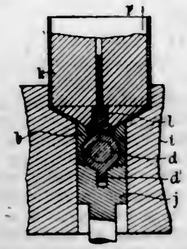
1. The combination, with a back-and-forth movable system including a reversible motor, switch elements one of which is movable to direct forward-driving and the other of which is movable to direct reverse-driving energy to the motor, and an electric circuit including branches each having a primary and a secondary break therein and means in the branches to control the movements of the respective switch elements, of means to close the primary break in one branch when the motor is to be driven forwardly and the primary break in the other branch when the motor is to be driven reversely, and devices for closing the secondary breaks in the respective branches one of which is normally urged to closed and the other of which is normally urged to open position, said devices being arranged to be respectively moved to open and closed positions by said system when the latter is moved in one direction.

2,126,813
VARIABLE PITCH PROPELLER
Leland E. Reid, South Pasadena, Calif., assignor to Mildred M. Reid, South Pasadena, Calif.
Application March 9, 1936, Serial No. 67,772
15 Claims. (Cl. 170—161)



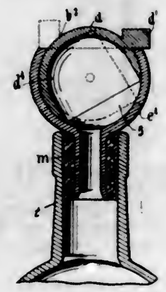
1. In a propeller, a hub, a blade secured thereto, said blade comprising a rigid core member having upper and lower surfaces, upper and lower flexible sheathings forming a continuation of said surfaces and extending beyond the trailing edge of said core member to form flexible airfoil surfaces, one sheathing being secured to said core member, the other sheathing being rigidly attached to said first sheathing and being in sliding engagement with said core member whereby it is free to move over the surface of said member in response to flexure of said airfoil surfaces.

2,126,814
METHOD AND APPARATUS FOR MAKING CONTAINERS
James Rest, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I., a corporation of Rhode Island
Application June 29, 1933, Serial No. 678,133. Renewed November 10, 1937. In Great Britain July 5, 1932
25 Claims. (Cl. 207—10)



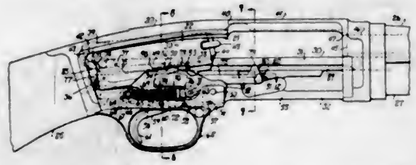
10. The method of manufacturing closure means for containers or tubes, which comprises pressure-shaping a blank of ductile material to form a nozzle and simultaneously form it around an at least partially spherical nozzle closure member having a turning lug thereon; to form a partially spherical valve seat on the inner wall of said nozzle extending around, and partially over and partially under said closure member, with said turning lug projecting outwardly through the outer end of said nozzle.

2,126,815
CONTAINER FOR FLOWABLE MATERIAL
James Rest, Streatham, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I., a corporation of Rhode Island
Original application June 29, 1933, Serial No. 678,133. Divided and this application March 31, 1937, Serial No. 134,162. In Great Britain July 5, 1932
34 Claims. (Cl. 221—60)



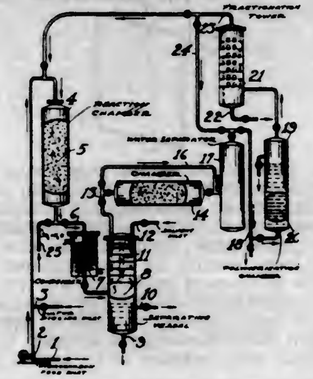
1. Closure means for containers comprising, a nozzle having a partially spherical recess therein, a hollowed at least partially spherical closure member contained within said recess, a projection projecting outwardly through the end of said nozzle from said closure member to move said closure member in and out of positions completely closing said nozzle, said closure member having diametrically opposite single axis of oscillation forming means thereon, the wall of said nozzle being integrally complementally shaped adjacent said diametric axis forming means to cooperate to form therewith cooperating male and female single fixed axis forming means.

2,126,816
SLIDE-ACTION FIREARM
William C. Roemer, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland
Application January 12, 1937, Serial No. 120,218
9 Claims. (Cl. 42—17)



1. In a slide-action firearm, the combination with the operating-slide, slide-locking member and firing-member thereof; of operating-means for causing said firing-member to shift the said slide-locking member into and out of its slide-locking positions, the said operating-means including an oscillating-member, a reciprocatable and tiltable member operatively connected to and both rocked and reciprocated by the movement of the said firing-member and having sliding movement relative to the said oscillating-member and coupled thereto for concurrent rocking movement therewith, and yielding spring-means actuated by the said oscillating-member and operatively interposed between the same and the said slide-locking member to shift the latter.

2,126,817
DEHYDROGENATION OF HYDROCARBONS
Raphael Rosen, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application June 3, 1936, Serial No. 83,264
11 Claims. (Cl. 196—10)



1. In the catalytic dehydrogenation of hydrocarbons at temperatures in excess of about 650° F., the step which comprises contacting said hydrocarbons with a catalyst in the presence of an oxide of sulfur.

2,126,818
GAS-RETAINING FABRIC
Theron P. Sager and David F. Houston, Washington, D. C.
No Drawing. Application August 22, 1936, Serial No. 97,448
2 Claims. (Cl. 91—68)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The method of providing a balloon fabric impermeable to lifting gases which comprises applying a gas impervious continuous film to a closely woven balloon fabric weighing approximately two ounces per square yard, the fabric being first rubberized before the continuous film is applied, the continuous film including a coating composition comprising an olefine-polysulphide reaction product and rubber, the olefine-polysulphide reaction product being the basic ingredient of the composition and providing the impermeability factor to the fabric, whereby the completed impermeable balloon fabric has its weight increased from two and four-fifths to three times its original weight.

2,126,819
TRACTOR AND TRAILER CONSTRUCTION
Albert E. Schawlem, Canton, Ohio
Application April 4, 1936, Serial No. 72,760
4 Claims. (Cl. 280—33.1)

1. In combination with a tractor frame having a fifth wheel mounted thereon for movement about a horizontal axis, a trailer having a frame, a sub-frame under the front end of said frame, a set of wheels supporting the rear end of said trailer frame, means detachably connecting one end of the sub-frame to said fifth wheel for lateral swinging movement, means on said fifth wheel for limiting swinging movement of said sub-frame and for locking said fifth wheel to said sub-frame, a second set of wheels carried on the other end of said sub-frame, a second fifth wheel carried on the sub-frame intermediate its ends for movement about a horizontal axis, means detachably connecting said second fifth wheel to said trailer frame for lateral swinging movement of said sub-frame relative



to said trailer frame and with said sub-frame and trailer frame in substantially abutting relation, and means on said second fifth wheel for limiting said swinging movement and for locking said second fifth wheel to said trailer frame.

2,126,820
FABRIC AND METHOD OF MAKING SAME
George Schneider, Montclair, N. J., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application August 1, 1934, Serial No. 737,933
6 Claims. (Cl. 154—2)

1. In the method of making collars, cuffs and other parts of wearing apparel, the steps which comprise forming an assembly of a plurality of fabrics, at least one of which contains yarns or filaments of a thermoplastic derivative of cellulose and another of which consists wholly of non-thermoplastic yarns or filaments, and applying heat and pressure at least locally to the assembly in the presence of a latent solvent selected from the group consisting of aqueous ethyl alcohol, aqueous methyl alcohol and an aqueous solution of mono methyl ether of ethylene glycol, whereby a lamination and stiffening of the fabrics are effected.

2,126,821
COMPOSITE FABRIC AND METHOD OF MAKING SAME
George Schneider, Montclair, N. J., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application December 1, 1934, Serial No. 755,637. Renewed May 6, 1938
6 Claims. (Cl. 154—2)

1. The method of imparting stiffness to collars, cuffs and the like containing yarns or filaments of an organic derivative of cellulose while leaving the exposed surface of said collars or cuffs unaltered, which comprises assembling a fabric containing yarns or filaments of an organic derivative of cellulose, said fabric comprising the outer surface of said collars or cuffs, with a fabric containing organic derivatives of cellulose and a plasticizer therefor, applying water to the assembled fabrics and subjecting the assembly to heat and pressure in the presence of said water whereby the assembly is laminated and stiffened.

2,126,822
FABRIC AND METHOD OF MAKING SAME
George Schneider, Montclair, N. J., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Original application August 1, 1934, Serial No. 737,933. Divided and this application February 2, 1935, Serial No. 4,673. Renewed May 6, 1938
6 Claims. (Cl. 154—2)

1. In the method of making collars, cuffs and other parts of wearing apparel, the steps which comprise shaping and sewing together a plurality of fabrics, at least one of which contains yarns or filaments of a derivative of cellulose and the

other of which consists wholly of non-thermoplastic yarns or filaments, and applying heat and pressure at least locally to the assembly in the presence of a latent solvent selected from the group consisting of aqueous ethyl alcohol, aqueous methyl alcohol and an aqueous solution of mono methyl ether of ethylene glycol, whereby a lamination and stiffening of the fabrics are effected.

2,126,823

METHOD OF MAKING A STIFFENED FABRIC

George Schneider, Montclair, N. J., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application September 14, 1935, Serial No. 40,561

4 Claims. (Cl. 154—2)

1. The method of imparting stiffness or other properties to collars, cuffs and like parts of wearing apparel consisting of layers of textile fabric, one of which contains an organic derivative of cellulose, which comprises applying heat and pressure thereto at least locally in the presence of a liquid containing a substantial amount of water, an alcohol and a plasticizer selected from the group consisting of triacetin, diethyl phthalate, dimethyl phthalate and dibutyl tartrate.

2,126,824

COMPOSITE FABRIC AND METHOD OF MAKING SAME

George Schneider, Montclair, N. J., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application September 28, 1935, Serial No. 42,718. Renewed May 6, 1938

12 Claims. (Cl. 154—2)

1. The method of imparting stiffness or other properties to a fabric containing yarns of an organic derivative of cellulose, leaving the exposed surface of said fabric unaltered, which comprises joining the fabric containing the organic derivative of cellulose to a non-thermoplastic fabric having incorporated therewith a plasticizer for the organic derivative of cellulose by laminating the fabric and subjecting the laminated fabric to heat and pressure.

2,126,825

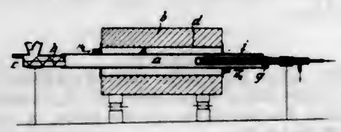
RECOVERY OF METALS FROM ORES

Hellmuth Seliger, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware

Application May 25, 1934, Serial No. 727,429

In Germany June 3, 1933

7 Claims. (Cl. 75—67)



1. A process for the continuous production of metallic magnesium by thermal reduction of raw materials containing magnesia in which the reduction is effected in an inert atmosphere while continuously agitating the reaction mixture, at a temperature substantially below the melting point of the reaction residue, by means of silicon while employing the components of said reaction mixture in proportions yielding a residue of a melting point exceeding about 1,650° C.

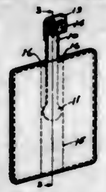
2,126,826

LOSS PREVENTION DEVICE

George Bartram Shively, Waynesboro, Pa.

Application May 1, 1936, Serial No. 77,406

1 Claim. (Cl. 24—3)



A loss prevention device comprising a flexible resilient metallic strip, one end of said strip being formed in an open loop for attaching same to an article of clothing, a substantially inflexible U shaped member mounted on and surrounding said loop, means on said member for depressing a portion of said loop whereby to lock same to said article of clothing and means including an enlarged end portion at the opposite end of said metallic strip for limiting the movement of said strip relative to an article holder.

2,126,827

COPPER-COBALT-ZINC ALLOY

Cyril Stanley Smith, Cheshire, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

No Drawing. Application January 20, 1936, Serial No. 59,930

8 Claims. (Cl. 148—11.5)

1. The treatment of alloys containing zinc from 15 to 45 per cent., cobalt from 1 to 8 per cent., balance copper; which comprises quenching from a temperature in excess of 700° C., cold working, and reheating at a temperature between 300 and 650° C. for a time sufficient to produce a substantial increase in hardness and strength.

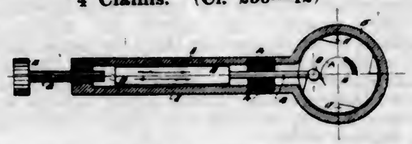
2,126,828

IMPACT ELEMENT ACTUATING MEANS

Benjamin W. Snodgrass, Denver, Colo.

Application November 26, 1934, Serial No. 754,764

4 Claims. (Cl. 255—42)



1. In a mechanical hammer, a cylindrical casing having a cup-shaped housing at its rear end, a chuck at the front end of said casing, a tool having a shank extending through said chuck into said casing, an impact member slidable longitudinally in said casing rearwardly of the tool shank, a pull rod swiveled to and extending rearwardly from the rear end of said impact member, a spring in said casing spaced rearwardly from the rear end of the impact member for the major portion of movement of the impact member and being engageable by the rear end of the impact member to check rearward movement of the impact member and impart rebound thereto, said spring surrounding said pull rod to guide reciprocating movement of the pull rod, a cross head at the rear end of said pull rod operating in said housing, a follower carried by said cross head, guides in said housing engaging opposite sides of said cross head to slidably

mount the cross head for movement in the housing diametrically thereof, a rotary drive shaft extending into said housing through the peripheral wall thereof, a driven shaft rotatably mounted in said housing axially thereof and driven from said drive shaft, a disk carried by said driven shaft, and cams carried by said disk in spaced relation to each other circumferentially thereof for successively engaging said follower and moving the cross head between the guides to exert rearward pull upon said pull rod and shift the impact rearwardly in said casing away from the tool shank.

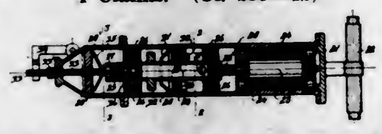
2,126,829

MECHANICAL HAMMER

Benjamin W. Snodgrass, Denver, Colo.

Application December 4, 1934, Serial No. 755,907

4 Claims. (Cl. 255—42)



1. In a mechanical hammer, a casing having front and rear sections, a power unit mounted in the rear portion of the rear section, a rotatable chuck at the front end of the front section, a tool having a bored shank extending through said chuck into the front section and having an impact block at its rear end formed with air passages leading from the bore of the tool shank, an impact member freely slidable longitudinally in the front section towards and away from the impact block and having a stem extending into the rear section and provided with a follower at its rear end, a spring in the rear end of the front section about said stem spaced from the rear end of the impact member for the major portion of movement of the impact member and engageable by the rear end of said impact member to check rearward movement of the impact member and impart rebound thereto, a driven shaft rotatably mounted in the rear section transversely thereof, a spiral cam carried by said shaft for engaging said follower to shift the impact member rearwardly during rotation of the shaft, a fan housing in the rear section, a fan in said housing carried by said driven shaft, an air conduit leading from said housing to the forward end portion of said front section for delivering air to the air passages of said impact block, means for imparting rotation to said shaft from said power unit, and means for transmitting rotary motion from the driven shaft to the chuck.

2,126,830

COMPOSITE FABRIC AND METHOD OF MAKING SAME

Arthur Bruce Snowdon, Hillsdale, N. J., and Henry R. Bodell, Ossining, N. Y., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application October 21, 1936, Serial No. 106,802. Renewed May 6, 1938

11 Claims. (Cl. 154—2)

1. Process for the production of stiffened fabrics having wrinkle-proof properties, which comprise uniting a plurality of layers of fabric, at least one of which contains a thermoplastic organic derivative of cellulose, by applying heat and pressure at least locally to the assembled layers in the presence of a plasticizer for the organic derivative of cellulose, the heat and pressure being applied firstly in the substantial absence of moisture and then in the presence of moisture.

2,126,831

METHOD OF TREATING LATEX AND PRODUCT THEREOF

David Spence, Monterey, Calif.

No Drawing. Application January 7, 1936, Serial No. 57,966

8 Claims. (Cl. 18—50)

1. The method of treating latex which comprises adding to the latex a buffer solution having a pH of approximately 7.0 and sterilizing the buffered latex by heat treatment.

2,126,832

WEARING APPAREL AND METHOD OF MAKING SAME

Alfred J. Steinberger, Jamaica, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application June 29, 1935, Serial No. 29,029

6 Claims. (Cl. 154—2)

1. In a method of forming articles of wearing apparel or similar articles that have rigidity, the steps of assembling a plurality of fabrics formed of yarns of an organic derivative of cellulose, one of which contains a plasticizer, and subjecting the article to a stretching action with the aid of heat and pressure in the presence of an aqueous medium and while the organic derivative of cellulose is at least partially plastic.

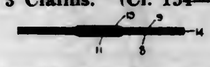
2,126,833

REINFORCED TEXTILE MATERIAL

Alfred J. Steinberger, Jamaica, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware

Application August 22, 1935, Serial No. 37,327

3 Claims. (Cl. 154—2)



1. In a method of making sheets and other articles of reinforced flexible materials, the steps of assembling a front sheet and a back sheet coextensive with said front sheet, reinforcing members, having thereon a coating of thermoplastic material, between said sheets occupying a part only of the space between the layers, and an intermediate sheet containing a thermoplastic material and a plasticizer therefor contacting the reinforcing members, and pressing the assembly at an elevated temperature in the presence of moisture whereby the reinforcing members are held in the desired position and the flexible sheets are united.

2,126,834

TEXTILE MATERIAL

Alfred J. Steinberger, Jamaica, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware

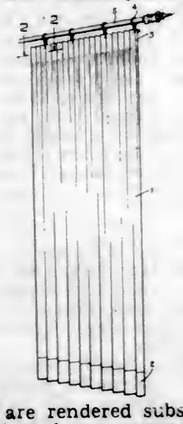
Application October 21, 1935, Serial No. 45,891

Renewed May 6, 1938

6 Claims. (Cl. 154—2)

1. Process for producing substantially permanent pleats in decorative hangings, which comprises forming on at least the upper edge of the hanging a laminar structure comprising a plurality of layers of fabric at least one of which contains an organic derivative of cellulose, said layers of fabric being joined together over at least

part of their area by the fabric layer containing the organic derivative of cellulose, folding the laminated edge of the hanging into pleats of predetermined configuration and applying heat and pressure to the pleats whereby the pleats in said



pleated portion are rendered substantially permanent, and a pleated appearance is given to the unlaminated portion of the hanging by the tension due to the weight thereof suspended from said laminated edge.

2,126,835

TEXTILE ARTICLE

Alfred J. Steinberger, Jamaica, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware

Application May 28, 1936, Serial No. 82,185

6 Claims. (Cl. 2—146)



1. A necktie comprising a lining and an outer fabric at least partially enveloping the lining, said necktie having unstiffened end portions of substantial length and a stiffened portion intermediate the ends and adapted to embrace the collar of the wearer, the lining and the outer fabric being adhesively secured to each other and stiffened at the collar portion by an organic derivative of cellulose.

2,126,836

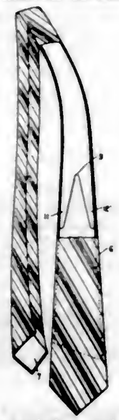
NECKWEAR

Alfred J. Steinberger, Jamaica, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware

Application April 30, 1937, Serial No. 139,854

9 Claims. (Cl. 2—146)

1. A necktie of improved construction comprising a tie fabric containing a thermoplastic material and being folded in the form of a four-in-hand tie, said tie containing within the folds thereof a shaping liner of non-thermoplastic material having a notched end, which shaping liner is at least locally united to said tie fabric by the



thermoplastic material contained therein, the construction and arrangement being such that when the tie is placed about the neck of the wearer and knotted the notched portion falls just below the knot of the tie and the spaced strips of the notched portion extend for a substantial distance below the knot.

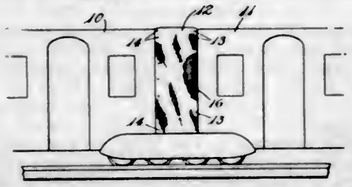
2,126,837

ELASTIC WALL MEMBER

George H. Stewart, Akron, and Benjamin A. Evans, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application August 25, 1936, Serial No. 97,769

5 Claims. (Cl. 105—8)



1. An articulated vehicle having an elastic side wall extending between and connected to articulated parts thereof, said wall comprising a sheet member having a tear-resisting reinforcement comprising crossed elements embedded in rubber-like material and so diagonally disposed with relation to the longitudinal direction of the vehicle as to provide extensibility in both directions of the sheet with a substantially greater extensibility in the longitudinal direction of the vehicle than in the direction of the sheet transverse to said longitudinal direction.

2,126,838

CLEANING DEVICE FOR BURNER TIPS

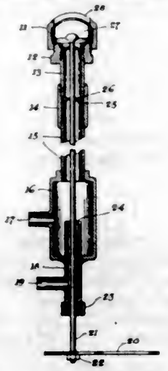
John J. Stoner, Bremerton, Wash.

Application January 13, 1937, Serial No. 120,383

2 Claims. (Cl. 158—120)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. For use with a hollow fluid fuel burner tip having a concave inner surface and a diametrical fuel slot therethrough, a tip cleaning flat blade having a cleaning edge slightly smaller than the fuel slot and insertable within the fuel slot to clean the same without completely blocking the flow of fuel therethrough, the cleaning edge of said blade being curved in shape to conform to



the inner concave surface of said burner tip, and means connected at one end to said blade extending through and exteriorly of said tip for operating said blade to clean the inner concave surface of said tip and said slot while the tip is in active service.

2,126,839

BREAKING PETROLEUM EMULSIONS

James G. Suthard, Chicago, Ill., assignor, by mesne assignments, to The Pure Oil Company, Chicago, Ill., a corporation of Ohio

No Drawing. Application December 7, 1934, Serial No. 756,479

9 Claims. (Cl. 196—4)

1. A demulsifying agent for breaking emulsions of water in petroleum oil comprising a sulfonated hydrocarbon polymer soap, prepared from polymers obtained by the treatment of light cracked petroleum distillates with solid, polymerizing, adsorbent catalyst at elevated temperatures.

8. The method of preparing a demulsifying agent for petroleum emulsions which comprises mixing sulfuric acid with glacial acetic acid, sulfonating unsaturated hydrocarbon polymers, the polymers in which are extracted from cracked petroleum distillates, with the mixed acids, and neutralizing the resulting product.

2,126,840

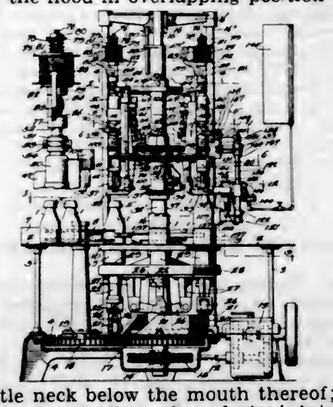
BOTTLE CAPPING MACHINE

Olof N. Tevander, Chicago, Ill., assignor to Standard Cap and Seal Corporation, Chicago, Ill., a corporation of Virginia

Continuation of application Serial No. 683,649, August 4, 1933. This application September 13, 1937, Serial No. 163,699

3 Claims. (Cl. 140—94)

1. In a wire working machine for wiring skirted hoods over the mouths of bottles, said machine including a central shaft and a rotary supporting means for a plurality of bottles arranged concentrically with respect to said shaft and driven thereby; means whereby bottles are conveyed to said rotary support; means to remove sealed bottles therefrom; a plurality of spools of wire concentrically arranged with respect to said shaft; means to elevate said bottle to sealing position; means to automatically feed a predetermined length of wire from a spool to a wire shaping means; means operating on said wire to give said wire an initial U-shaped formation before severing a predetermined length of wire from a spool; means for severing said lengths of wire from said spool; means to restrict portions of the hood in overlapping position against



the bottle neck below the mouth thereof; means whereby said initially U-shaped wire is interlocked to final sealing position to secure the hood in said restricted position, and means to bend end portions of said wire to facilitate manual removal of said wire.

2,126,841

AZO DYESTUFFS AND THEIR PRODUCTION

Alfred Thurm, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application May 27, 1935, Serial No. 23,739. Renewed November 10, 1937. In Germany May 26, 1934

15 Claims. (Cl. 260—84)

(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)

1. Water-insoluble azo dyes consisting of a mixture of isomeric compounds which have a diazo component of the benzene series substituted by the radicle



wherein R means an alkyl radicle, said dyes being freely soluble in benzene, linseed oil and butyl acetate.

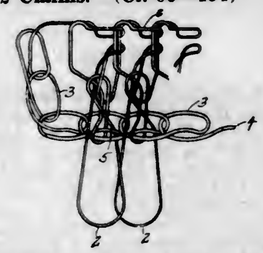
2,126,842

CROCHETED PILE MATERIAL

Anna R. Timer, Warren, Ohio

Application June 22, 1937, Serial No. 149,624

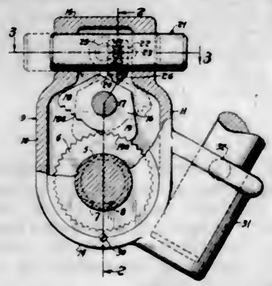
2 Claims. (Cl. 66—194)



2. A crocheted pile material comprising a crocheted base web of yarn, and pile elements

consisting of moderate length loops crocheted along with the base web, said web and pile elements being formed by crocheting a length of chain stitch, the thread then being wrapped over the needle and inserted in the fourth chain stitch back from the needle, the thread being then drawn through this chain stitch, thereby forming three loops on the needle, a loop of the thread then being wrapped around the finger and the said thread drawn through the first two loops on the needle and then through the remaining two loops, thus forming one portion of the web and one loop, continued similar portions forming a single row, and continued rows formed in the same manner upon the top edge of the preceding row.

2,126,843
OPERATING MECHANISM FOR LIFTING JACKS
George E. Tintera, Berwyn, and William E. Gahl, Brookfield, Ill., assignors to Templeton, Kenly & Company, Limited, Chicago, Ill., a corporation of Illinois
Application March 1, 1937, Serial No. 128,342
2 Claims. (Cl. 74—157)



1. In an operating mechanism of the kind described, a casing, a pawl pivotally mounted in the casing for a rocking movement from one operative position to another, a cylindrical actuating sliding member having a guided longitudinal movement through a part of said casing in two directions, said cylindrical member having a close fit within the ends of the casing to exclude dust and the like, said member having a longitudinal groove and a transverse recess therein, means carried by the casing and engaged in said groove and limiting the longitudinal movement of said member as well as preventing a turning movement of the same about its axis, and yielding means arranged in said recess and engaged with a part of said pawl for holding it in one operative position or the other, said yielding means in the movement of the actuating member from one limit of movement to the other, operating upon said pawl part for rocking the pawl from one operative position to the other.

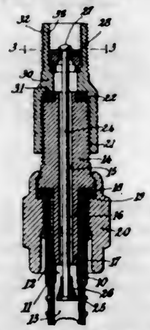
2,126,844
PUTLOG
Reinhold A. Uecker, Ingar G. Rambo, and David E. Beatty, Wauwatosa, Wis., assignors to The Safway Steel Scaffold Co. of America, Wilmington, Del., a corporation of Delaware
Application February 25, 1938, Serial No. 192,496
11 Claims. (Cl. 304—39)

1. In a putlog for use with a scaffold tower including a pair of vertical posts and a horizontal brace connecting said posts, a bracket, including a U-shaped retaining member engageable with an element of said scaffold tower, a truss comprising an upper chord, a lower chord and a plurality of shear absorbing members joining said chords, and means engageable with said bracket



and passing between the shear members to prevent accidental disengagement of the truss from the bracket.

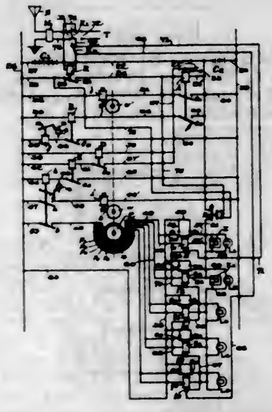
2,126,845
TIRE VALVE
John Wahl, Rosedale, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application December 23, 1935, Serial No. 55,740
2 Claims. (Cl. 251—139)



1. A tire valve or the like, comprising a metallic tubular element having at one end an externally tapered integral shoulder which is adapted to be seated in fluid-tight engagement against a complementally tapered shoulder within a tire valve casing, means on the tubular element for engaging a tire valve casing to effect the fluid-tight engagement between said shoulders, a valve pin extending through said tubular element and having at its inner end a metallic valve having a conical face of larger maximum diameter than the bore of the tubular element adapted to be drawn partly into the bore of the tubular element to seat against the inner end of the tubular element to provide a leak-tight seal between the parts, and a manually operable tubular carrier for said valve pin screw-threadedly engaging the tubular element adapted to effect the seating and unseating of the valve and through which carrier and tubular element fluid may pass when the valve is unseated.

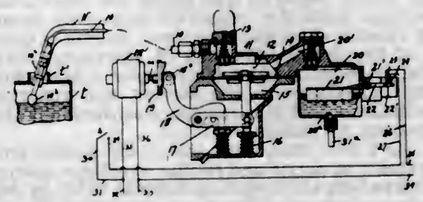
2,126,846
MULTIPLE SELECTOR SYSTEM
Yoshito Watanabe, Kinukake-cho, Suma-ku, Kobe, Japan
Application January 17, 1935, Serial No. 2,157
In Japan March 12, 1934
3 Claims. (Cl. 177—353)

1. A selector device for closing selectively one of a plurality of circuits in response to different prearranged codes of dot, dash and interletter space impulses, comprising a stationary frame, a rotatable squirrel-cage type controller mounted for rotation in said frame and having studs fixed thereto, said studs being equally spaced at the periphery of said controller and each having a contact roller mounted thereon slidable longitudinally thereof, partitions fixed to said frame adjacent to the path of movement of said studs forming three passageways corresponding to dots, dashes and interletter spaces having entrances for said rollers, means for normally causing the rollers to be positioned to enter the dot passageway, selecting means positioned at the entrance to the passageways for moving the positioned roller to cause the roller to enter either the dash or interletter space passageway, means responsive to the receipt of a dot, dash or interletter space impulse to move the controller the space from one stud to



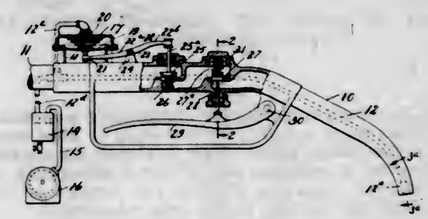
the next to successively present the rollers to the selecting means, means responsive to the receipt of a dash impulse to cause the selecting means to move the then presented roller into the dash position, means responsive to the receipt of an interletter space impulse for causing the selecting means to move the then presented roller to interletter space position, a plurality of groups of contacts mounted on said frame to be engaged by the rollers, said groups of contacts being each arranged with respect to the three positions capable of being assumed by the rollers in accordance with the prearranged codes to which the controller is to respond and separate selecting circuits each including in series all of the contacts of the corresponding group of contacts.

2,126,847
LIQUID DISPENSING MEANS
Abraham Weiss, New York, N. Y.
Application February 6, 1936, Serial No. 62,585
3 Claims. (Cl. 226—127)



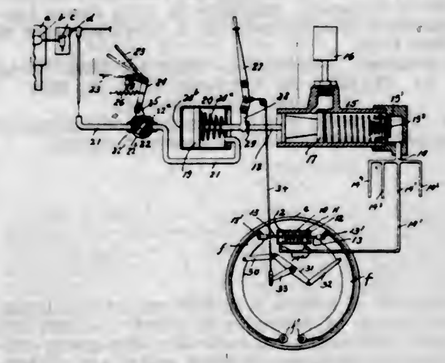
1. In a liquid dispensing means having a pump and a hose leading from said pump and having a dispensing nozzle, a device for controlling the discharge of the liquid into a receptacle from said pump, including a tube associated with and adjacent to said nozzle to be passed together with the latter into said receptacle, a liquid collecting chamber, means associated with said pump to draw liquid from said receptacle through said tube when it reaches a certain level therein and to discharge the same into said collecting chamber, a float in said collecting chamber, and electric means for controlling the operation of said pump and controlled from said float.

2,126,848
LIQUID DISPENSING MEANS
Abraham Weiss, New York, N. Y.
Application July 8, 1936, Serial No. 89,553
11 Claims. (Cl. 226—127)



1. In a liquid dispensing means including a discharge nozzle having a trigger operated valve, means for automatically controlling the discharge of the liquid from said nozzle into a receptacle, said means comprising a tube associated with and adjacent said nozzle to be passed together with the latter into the receptacle, an auxiliary valve in said nozzle adapted to be normally open, pneumatically operated means for closing said auxiliary valve, a chamber and a float therein operated by the liquid in said receptacle and controlling the operation of said pneumatically operated means to close said auxiliary valve when the liquid in said receptacle rises to a certain level.

2,126,849
BRAKE FOR MOTOR VEHICLES
Abraham Weiss, New York, N. Y.
Application September 1, 1936, Serial No. 98,854
4 Claims. (Cl. 188—170)



1. In a motor vehicle having brake mechanism, spring influenced means adapted to automati-

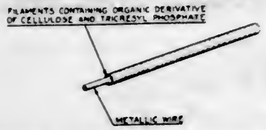
cally apply the brakes, hydraulic means for releasing said brakes, including a fluid master cylinder and piston therein, a power unit, comprising a cylinder and piston therein operatively connected to said first named piston, a valve for controlling the pressure in said power unit and a manually actuated means for operating said valve.

2,126,850

CONDUCTOR AND FILAMENTS THEREFOR CONTAINING ORGANIC DERIVATIVE OF CELLULOSE

William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

Application July 26, 1934, Serial No. 737,045
4 Claims. (Cl. 173—264)



3. An electric conductor comprising a metallic wire having a covering of filaments of good electrical insulating properties containing an organic derivative of cellulose and tricresyl phosphate, in an amount equal to 50% of the weight of the cellulose derivative, as the sole plasticizer.

2,126,851

ORGANIC DERIVATIVES OF CELLULOSE

William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application September 30, 1936, Serial No. 103,396
3 Claims. (Cl. 260—102)

1. Method of reducing the corrosive properties of cellulose acetate, which comprises treating a stabilized cellulose acetate with an aqueous solution containing from 0.3 to 1.0%, based on the weight of the cellulose acetate present, of an organic base selected from the group consisting of hydroxy amines, di-amines, straight chain aliphatic amines and cyclic amines.

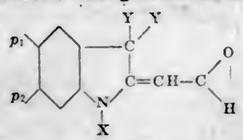
2,126,852

CARBOCYANINE DYESTUFFS AND A PROCESS OF PREPARING THEM

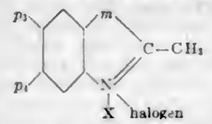
Paul Wolff and Adolf Sieglitz, Frankfort-on-the-Main, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application May 10, 1934, Serial No. 725,010. In Germany May 16, 1933
7 Claims. (Cl. 260—44)

4. The process which comprises condensing an aldehyde compound of the general formula:



wherein X means a substituent of the group consisting of methyl and ethyl, the two Y's mean identical alkyl radicals of the group consisting of methyl and ethyl and p_1 and p_2 represent members of the group consisting of hydrogen, methyl, ethyl, methoxy, ethoxy, amino, dimethylamino, diethylamino and phenyl with a compound of the general formula:



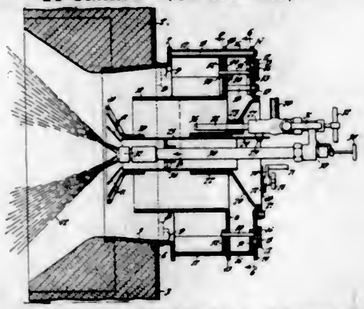
wherein X means a substituent of the group consisting of methyl and ethyl, m means a member of the group of bivalent values consisting of =C(methyl)2, —O—, —S—, —Se— and —CH=CH and p_3 and p_4 represent members of the group consisting of hydrogen, methyl, ethyl, methoxy, ethoxy, amino, dimethylamino, diethylamino and phenyl.

2,126,853

LIQUID FUEL BURNER

Ernest L. Woolley, Providence, R. I.

Application February 19, 1936, Serial No. 64,733
14 Claims. (Cl. 158—1.5)



1. An air-register for liquid-fuel burners comprising an annular casing, inner annular walls dividing the casing into a plurality of separate throats, a damper for each throat comprising a plurality of vanes, and a common means for operating the vanes of the separate dampers to open or close the different throats in a predetermined sequence.

2,126,854

PROCESS FOR PREPARING IMPROVED DERRIS AND CUBE EXTRACTS AND HYDROGENATED DERIVATIVES AND PRODUCTS PRODUCED THEREBY

Robert Wotherspoon, East Orange, N. J., assignor to Derris, Inc., New York, N. Y., a corporation of New York

No Drawing. Application April 28, 1934, Serial No. 722,968
17 Claims. (Cl. 167—24)

1. In a process for the production of a dry, friable insecticidal product from derris and similar insecticidal-containing vegetable sources, the steps which comprise extracting the insecticidal principles from the vegetable source by means of a volatile chlorinated solvent, adding a member of the group consisting of anhydrous alkali metal carbonates and anhydrous alkali earth metal carbonates to the solvent and removing practically all of the solvent and distillable oils therefrom by distillation.

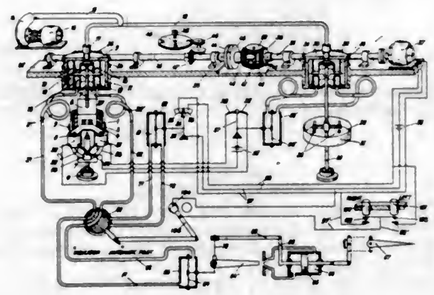
8. As a new compound, the oil obtainable from an extract of derris and similar vegetable sources, the oil having the specific gravity at 25° C. of .998, an optical rotation 100 m. m. of +5°, a saponification value of 24, a saponification value after acetylization of 82.6 and a boiling range 760 m. m. of 210°–250° C.

2,126,855

DIRECTION MAINTAINING MEANS FOR USE ON DIRIGIBLE CRAFT

Guido Wünsch, Berlin-Steglitz, and Gert Zoege von Manteuffel, Berlin-Dahlem, Germany, assignors to Askania-Werke A. G., vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau, a corporation of Germany

Application July 29, 1936, Serial No. 93,307
In Germany June 26, 1935
19 Claims. (Cl. 244—76)



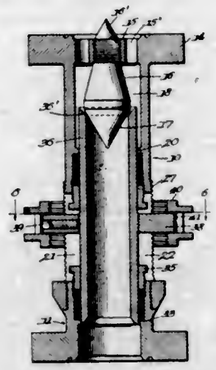
1. A directional maintaining means for craft comprising a free gyroscope; a first controller governed by the relative position of the craft and said gyroscope; an instrument responsive to the direction of lines of force; a second controller governed by the relative position of the craft and said instrument; means operable by the second controller for correcting said gyroscope; and means operable by said first controller for equiangularly turning said controllers with respect to the craft.

2,126,856

STRAIGHT LINE NEEDLE VALVE

John R. Yancey, Houston, Tex., assignor to Gray Tool Company, Houston, Tex., a corporation of Texas

Application August 24, 1936, Serial No. 97,699
Renewed April 20, 1938
8 Claims. (Cl. 251—8)



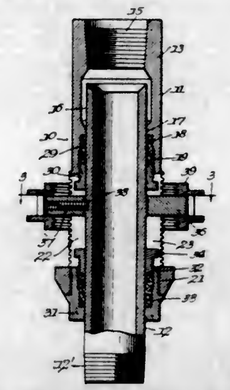
1. A valve comprising a body having a straight line flow passage, a tube of less length than said passage reciprocable therein, flow through said passage being confined to said tube as to that part of the passage occupied by the tube, a needle in said passage at one end of said tube and with which said tube cooperates for the purpose of flow control, said body having opposite side openings between the ends of said tube and being provided with external threads interrupted by said openings, a nut engaged with said threads and a cross-head releasably secured to said tube and projecting through said openings, said nut having an internal annular groove receiving the ends of said cross-head so that the tube is caused to follow the travel of the nut, the nut having a radial slot through which the cross-head is insertable to position.

2,126,857

PIPE COUPLING

John R. Yancey, Houston, Tex., assignor to Gray Tool Company, Houston, Tex., a corporation of Texas

Application August 17, 1937, Serial No. 159,587
6 Claims. (Cl. 285—161)



1. A variable length pipe coupling comprising a pair of tubular members of which one is partially telescoped with the other with a fluid-tight sliding fit, a nut threaded on the outer of said members for travel in a longitudinal direction thereof, said outer member having a side opening therein, and means fixed on the inner member and engaging said nut through said opening whereby said inner member is caused to follow said nut.

2,126,858

CHILD'S SPOON WITH WHISTLE IN HANDLE

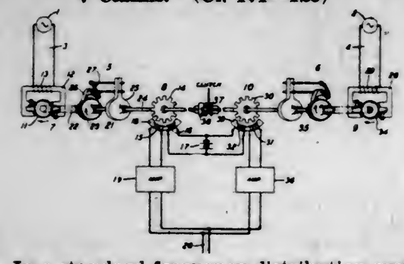
Arthur Zadek, New York, N. Y.

Application July 24, 1937, Serial No. 155,477
2 Claims. (Cl. 46—175)



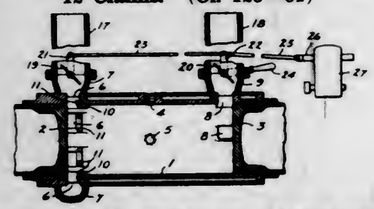
1. In a flat table ware piece having a handle portion cut away along one of its lateral faces to form a groove, a semi-cylindrical plate having its longitudinal edges embedded in the groove and closed at its inner end by a wall of said groove, the outer end of the plate being stepped inwardly to form a lip piece spaced slightly from the corresponding overlying portion of the handle, the latter having a slot opening into the semi-cylindrical portion of the plate to form a vent.

2,126,859
FREQUENCY CONVERTER
Herman A. Affel, Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 5, 1936, Serial No. 114,381
7 Claims. (Cl. 171—123)



1. In a standard frequency distribution system, two sources each producing the same standard frequency voltage, two similar motor-generator sets respectively operated by said two sources, clutch means for mechanically connecting said generators to insure the voltages from the two generators being 120 degrees out of phase with respect to each other so that the two output voltages may be combined to form a sine wave of the frequency and strength as that produced by either of said generators.

2,126,860
SCAVENGING MEANS FOR INTERNAL COMBUSTION ENGINES
Heraclio Alfaro, Boston, Mass.
Application October 15, 1935, Serial No. 45,098
12 Claims. (Cl. 123—51)

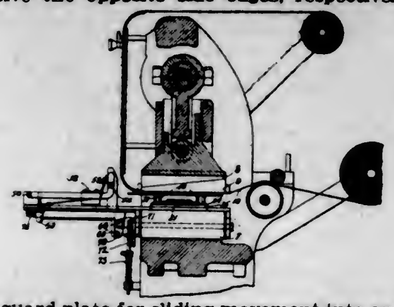


5. In an internal combustion engine of the two-stroke cycle uniflow scavenging type having axially spaced air inlet and exhaust ports, an inlet port having the edge thereof on the side toward the exhaust port formed with a convex face rounded from near the exterior of the port to the inner surface of the cylinder wall, and an airfoil in said inlet port spaced from said rounded face and having its convex face on the side thereof away from said rounded face.

2,126,861
COMBINED INK-MARKING AND PERFORATING MACHINE
Arthur W. Altvater, University City, Mo.
Application July 7, 1937, Serial No. 152,341
15 Claims. (Cl. 101—316)

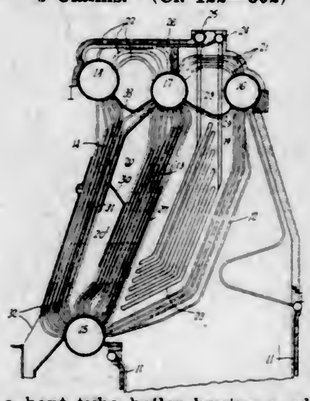
13. In a marking machine, the combination with inking means, a support therefor, and a stripper plate normally having a path of movement which clears the support, of safety means permitting the support to yield in the accidental event the stripper plate fails to clear the support.

15. In a marking machine, the combination with a guard plate and an ink pad carried thereby, of a skeleton frame having a rear end and two side portions forming a blind opening, each side portion being provided with a groove to receive the opposite side edges, respectively, of



the guard plate for sliding movement into and out of the opening.

2,126,862
STEAM BOILER
Ervin G. Bailey, Easton, Pa., and Howard J. Kerr, Westfield, N. J., assignors to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application May 7, 1937, Serial No. 141,196
6 Claims. (Cl. 122—302)



1. In a bent tube boiler having a plurality of upright spaced banks of closely spaced steam generating tubes, baffling means forming gas passages longitudinally of the major length of the tubes of each bank, at least one of said baffling means extending along adjacent banks with a cross over connecting portion between banks in an arrangement providing unobstructed areas at the gas turning zones whereby draft loss through the boiler is minimized, and a furnace supplying hot products of combustion.

2,126,863
GOVERNOR FOR FIRE-PUMP APPARATUS
Ben D. Barton, Battle Creek, Mich., assignor to American Steam Pump Company, Battle Creek, Mich., a corporation of Michigan
Application August 26, 1935, Serial No. 38,008
3 Claims. (Cl. 137—153)

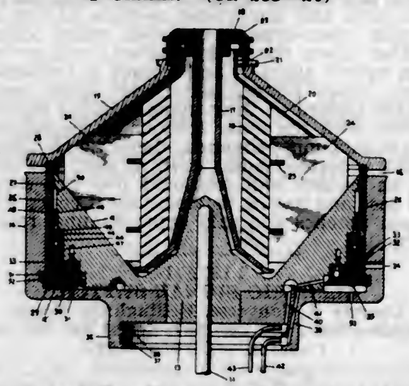
1. A governor comprising a valve body; a throttle valve in said body, a cylinder on said body; a plunger in the cylinder operatively connected with said valve; a guide mounted on the body opposite the plunger; a slide in the guide; a rod adjustably mounted in the slide and adapted to engage the plunger and permit the valve to close a predetermined amount at predetermined pressures

in the cylinder; yielding means reacting to normally maintain the valve in open position; and means associated with the slide and adapted to



yieldably prevent further closing of the valve until a predetermined higher pressure is attained in the cylinder.

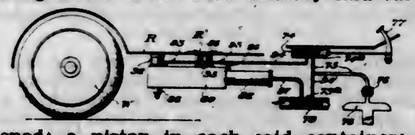
2,126,864
CENTRIFUGAL MACHINE
Wilmer H. Bath, West Conshohocken, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware
Application February 27, 1935, Serial No. 8,458
4 Claims. (Cl. 233—20)



1. A centrifugal separator adapted to be rotated to effect the continuous discharge of a liquid effluent during the concentration of suspended solid material within the bowl, said separator including a cover and a base having a discharge passage therebetween, the base thereof comprising an annular outer casing member and an inner sludge supporting member spaced therefrom to form a narrow sealing piston chamber therebetween to receive such piston and support the same throughout substantially its entire length, an enlarged chamber at the bottom of the said sealing piston chamber, a piston mounted within the bowl for reciprocation within said chamber, a sealing member within said bowl and beyond said chamber adapted to be abutted by one end of said piston in one position to prevent the undesired discharge of sludge through the discharge passage, a radial flange projecting inwardly from said piston and into said enlarged chamber, means for admitting liquid to a space above said radial flange for moving said piston into slude discharging position, and means for admitting liquid under said piston for moving said piston to sludge retaining position.

2,126,865
GRAVELING DEVICE FOR SPRAYING OF GRAVEL IN FRONT OF THE WHEELS OF AN AUTOMOBILE
Adolf Erhardt Georg Berner, Copenhagen, Denmark, assignor of three-fourths to Elias Feldmann, Charlottenlund, near Copenhagen, Denmark
Application March 2, 1936, Serial No. 66,765
In Denmark April 17, 1935
4 Claims. (Cl. 291—25)

1. In a graveling device of automobiles having an intake manifold and having a brake operating means; the combination of one or more gravel containers each having an outlet at one end; a valve for closing and opening each such outlet; an expansible chamber having a movable wall operatively connected with each said valve; each said valve being closed when the chamber is expanded; means for normally connecting the chamber to the atmosphere whereby said chamber is expanded, and for connecting the chamber to the intake manifold when the brake operating means is actuated whereby said valve is



opened; a piston in each said container; and means for urging each piston towards the outlet end of its container comprising a cylinder attached to the end of each container opposite from the outlet end; a second piston connected with the first piston and slidable in said cylinder; means for normally connecting the end of such cylinder intermediate the pistons to the atmosphere and for connecting said end of the cylinder to the intake manifold when the brake operating means is actuated, the opposite end of said cylinder being exposed to the atmosphere.

2,126,866
COLLAR CLASP
Richard Karl Boog, Newark, N. J.
Application October 25, 1937, Serial No. 170,927
2 Claims. (Cl. 24—81)

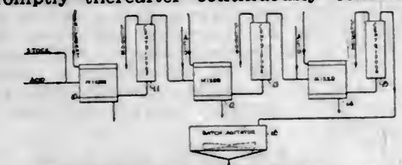


2. A clasp for collars comprising a front jaw member, a pair of rear jaw members pivotally mounted intermediate their ends on the front jaw member in end-to-end position for relative swinging movement into and from clamping relation with respect to the opposite ends of the front member, respectively, a pivotal sliding connection between adjacent ends of said pair of members compensating for relative swinging movement thereof and connecting said members together, said connection comprising a pair of elongated eye members on said ends, respectively, and a pin extending through said eye members, and means tensioning said pair of members against movement from clamping relation and comprising a pair of opposed yokes one fixed to the front jaw member opposite said eye members to extend upon opposite sides of the latter, and the other spanning said eye members and slidably engaging the same and the adjacent ends of said pair of jaw members, and a pair of tension springs interposed between opposed ends of the said yokes.

2,126,867
ACID TREATMENT OF PETROLEUM WHITE OIL STOCK
Nathaniel Brewer, Lansdowne, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware
Application August 7, 1936, Serial No. 94,789
4 Claims. (Cl. 196—40)

1. In the acid treatment of petroleum stock to produce white oil, the process comprising continuously and intimately mixing the stock with a sulphuric acid capable of effecting removal of

unsaturated constituents and other impurities, repeating the succession of mixing and centrifuging steps until an oil is produced from which the unsaturated constituents have been removed, promptly thereafter continuously centrifugally



separating the resulting sludge from the oil, intimately mixing the oil so separated from the sludge with a further quantity of sulphuric acid and separating the refined oil from the sludge resulting from said further mixing operation by gravity subsidence.

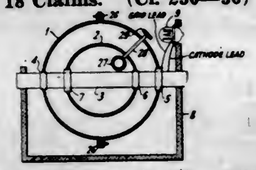
2,126,868

TUNED CIRCUIT

Charles H. Brown, Brooklyn, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application April 23, 1937, Serial No. 138,517

18 Claims. (Cl. 250—36)



1. A tuned oscillatory circuit comprising a pair of inner and outer symmetrically arranged metallic surfaces of revolution, and electrically conductive means passing through oppositely located points on said surfaces for capacitively coupling one point on one surface to an adjacent point on the other surface.

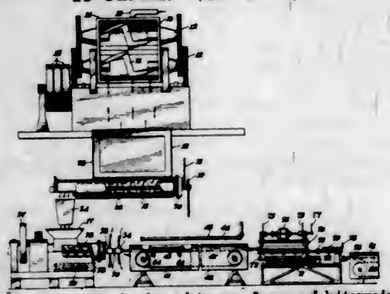
2,126,869

METHOD OF AND APPARATUS FOR MAKING FORMED BITUMINOUS BODIES

William Burchenal, Glendale, and Anthony J. Pfohl, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company, a corporation of Ohio

Application April 10, 1934, Serial No. 719,844

13 Claims. (Cl. 18—4)



12. In a method of making a formed bituminous article wherein a mixture of bituminous material and filler in a plastic condition is continuously forced to and through an extrusion die of desired cross-section, the steps comprising forcing the mixture into a die, consolidating the material while in the die and then heating the consolidated material sufficiently to fuse the surface only thereof and expelling the material from the die.

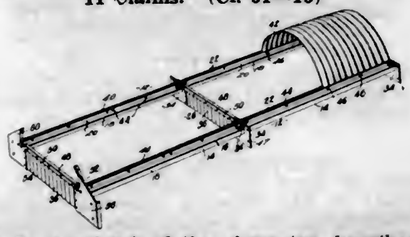
2,126,870

CULVERT

Firman L. Carswell and Otto W. Schmidt, Kansas City, Mo.

Application January 18, 1937, Serial No. 121,142

11 Claims. (Cl. 61—16)



1. In a culvert of the character described, a base frame having longitudinally extending side rails, each rail comprising sections having upper and lower opposed channels rigidly secured together along the backs thereof, said sections being spaced apart by and secured to transverse, planar check plates, said check plates having notches formed in their upper straight edges to register with the inner contour of the adjacent ends of said upper channels whereby a continuous trough is formed along each of said side rails; and an arcuate wall positioned over one side of said base and having its longitudinal edges within said notches and said upper channel respectively.

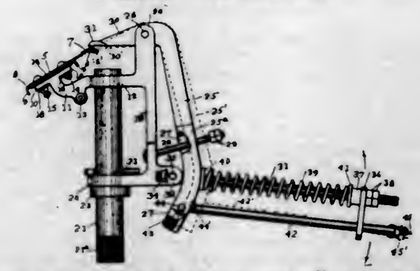
2,126,871

ELECTRIC SIGNAL SWITCH

Tommy J. Converse, Bellingham, Wash.

Application June 21, 1937, Serial No. 149,305

1 Claim. (Cl. 200—153)



An electric signal switch including, a switch frame, an electric contact spring fastened to the said frame insulated therefrom, an arm pivoted on the said frame for oscillation, a finger extension on one end of the said arm disposed to make electric contact with the said contact spring by the oscillation of the said arm, resilient means operable between the said frame and the said arm tending to retain the said finger out of contact with the said contact spring, a signal wire attached to the other end of the said arm to oscillate the said arm against the said resilient means and force the said finger to contact the said contact spring, a stud shaft adapted for fastening on a supporting structure, and aligned bearings on the said frame having their axis disposed in the plane of oscillation of the said arm mounted for revolution on the said stud shaft.

2,126,872

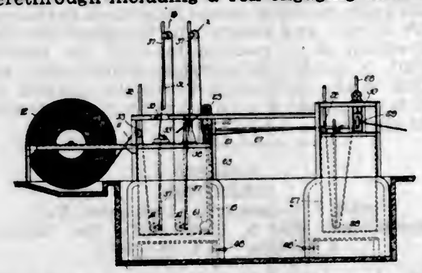
HIGH TEMPERATURE SATURATING OR COATING APPARATUS

Harry A. Cumfer, Glen Ellyn, Ill.

Application November 7, 1935, Serial No. 48,665

16 Claims. (Cl. 91—46)

1. High temperature saturating apparatus including a saturating vat for holding the saturant, means for passing the material to be saturated therethrough including a roll engaging said ma-



terial after it passes through said saturant, means for heating said saturant, and means for passing some of said heated saturant through said roll.

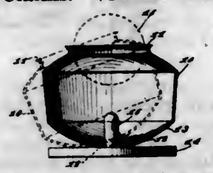
2,126,873

GAME APPARATUS

Francis T. Czajkowski, Morrisville, Pa., assignor of one-half to Rose Marie Swangler, Morrisville, Pa.

Application April 8, 1936, Serial No. 73,364

3 Claims. (Cl. 273—105)



1. In an apparatus of the character described a pegged support, and a receiver pivoted to the peg of said support for tilting movements, and having a rounded centrally perforated bottom.

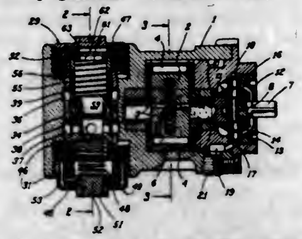
2,126,874

VALVE FOR PUMPS

Desiré J. Deschamps and Clifford J. Lane, East Orange, N. J., assignors to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey

Application May 7, 1936, Serial No. 78,454

9 Claims. (Cl. 277—45)



1. In a relief valve for a fluid pump, a housing having inlet and outlet conduits, a main piston valve controlling communication between said conduits, means for impressing inlet conduit pressure on the periphery of said piston valve intermediate the ends of said valve whereby said inlet pressure is ineffective to influence the operation of the valve, means for impressing outlet pressure on one end of said valve, said valve having its opposite end exposed to atmospheric pressure, and a check valve in said piston valve exposed to both inlet and outlet conduit pressures adapted to pass fluid through said piston valve toward the outlet pressure side thereof and arranged to open when the inlet pressure exceeds the outlet pressure by a predetermined amount.

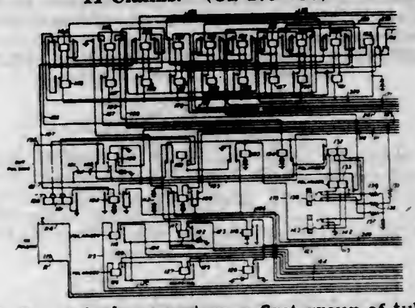
2,126,875

SELECTION CONTROLLING APPARATUS FOR TELEPHONE SYSTEMS

Thomas L. Dimond, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application November 26, 1937, Serial No. 176,557

11 Claims. (Cl. 179—90)



1. In a telephone system, a first group of tubes, a cathode and a control electrode for each of said tubes, means for selectively applying breakdown potential to the control electrodes of said tubes to selectively render said tubes conducting, a second group of tubes each having a cathode, a control electrode and an anode, a register relay connected into the cathode-anode circuit of each of said second group of tubes, and means for connecting the control electrodes of said second group of tubes to the control electrodes of said first group of tubes whereby the tubes of the second group are selectively rendered conducting in accordance with the conducting condition of said first group of tubes to selectively operate said register relays.

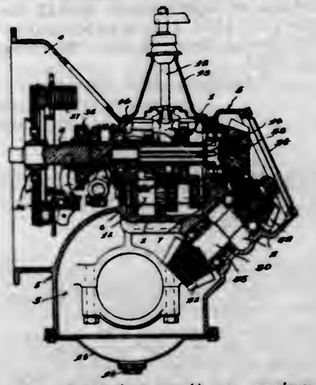
2,126,876

TRANSMISSION UNIT FOR MOTOR VEHICLES

Carl T. Doman, Geddes, N. Y.

Application March 4, 1937, Serial No. 129,003

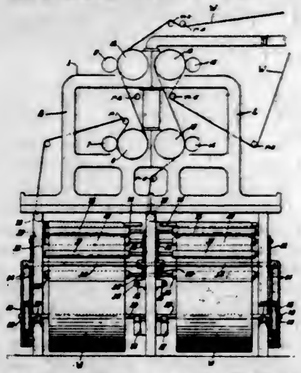
5 Claims. (Cl. 74—326)



1. In a transmission unit, a casing having three separate compartments, change speed gearing in one compartment having its output shaft extending into a second compartment, a driven gear in a third compartment and a propeller shaft in the second compartment and having a

pinion at one end meshing with the driven gear in the third compartment, and gearing in the second compartment between the propeller shaft and the output shaft of the change speed gearing, the first and third compartments being arranged one above the other and the second compartment being arranged in a generally upright position between the first and third compartments at one side of the first and third compartments.

2,126,877
ROTARY PRINTING PRESS
Frank A. Foster, Maywood, Ill., assignor to The Goss Printing Press Company, Chicago, Ill., a corporation of Illinois
Application March 21, 1935, Serial No. 12,152
28 Claims. (Cl. 101—220)



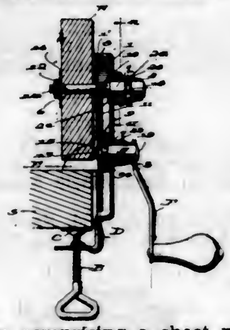
1. A rotary printing press including in combination a printing couple, and a web supply therefor including means for mounting two web rolls at either side of the press in permanent longitudinal position relatively to the printing couple and disposed horizontally and transversely to the printing couple, and web turning mechanism between the web rolls and printing couple to present a web from either roll to the printing couple.

2,126,878
SAFETY DEVICE FOR USE BY DRIVERS OF MOTOR CARS AND THE LIKE
Leon Clement Galli, Dunedin, New Zealand
Continuation of application Serial No. 753,998, November 20, 1934. This application November 4, 1936, Serial No. 109,159. In New Zealand July 17, 1934
3 Claims. (Cl. 180—82)



1. In a motor vehicle driven by an internal combustion engine and provided with electrically operated ignition means and a battery, a steering wheel for the vehicle, an operator's seat arranged adjacent to the steering wheel, an electric circuit in which the battery and ignition means are interposed, a leg-operated switch interposed in the circuit for maintaining the circuit in closed condition when the motor vehicle is in operation, said switch being arranged in the vehicle to one side of the steering wheel and adjacent to the seat so that it may be actuated by the leg of an operator of the vehicle, an auxiliary circuit connected to the battery and switch, electrically operated means interposed in the auxiliary circuit and adapted to be energized when the switch is in position to open the ignition circuit, a spring for normally maintaining said switch in the position in which the ignition circuit is open, and a master switch for controlling both circuits.

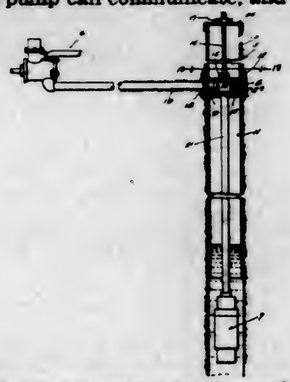
2,126,879
GRINDER
Frank J. Gammache, Lancaster, Pa.
Application May 5, 1936, Serial No. 78,018
6 Claims. (Cl. 51—166)



3. A grinder comprising a sheet metal frame formed with two generally circular perforations, in combination with a driven shaft bearing mounted in one of said perforations, a drive shaft bearing mounted in the other perforation, a drive shaft mounted in said drive shaft bearing, a driven shaft mounted in said driven shaft bearing, a gear mounted on said drive shaft for rotation therewith, a pinion provided on said driven shaft to turn therewith and meshing with and driven by said gear, a grinding wheel mounted on said driven shaft to the rear of said pinion to turn with said driven shaft, said driven shaft bearing sleeve being formed with a radial hole and said driven shaft being formed with an annular groove in its portion received in said driven shaft bearing, and a locking pin loosely disposed in said hole and extending into said annular groove in said driven shaft, each said bearing having a reduced diameter tubular rear riveting portion extending through its corresponding perforation and having its extreme rear end portion radially spread so as to overlie and engage the rear face of the adjacent portion of said frame.

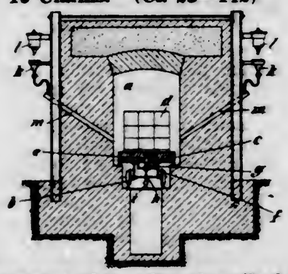
2,126,880
PUMPING APPARATUS
Edson F. Gardner, Covington Township, Lackawanna County, Pa.
Application January 25, 1937, Serial No. 122,240
6 Claims. (Cl. 103—44)

1. In combination, a pump, a well liquid eduction pipe, a connection between the pump and the upper portion of the eduction pipe, and means at the lower end of the eduction pipe responsive to pressure on the liquid column in the eduction pipe by the pump for trapping and lifting liquid through the eduction pipe, a pipe leading to the pump, a union between the upper end of the eduction pipe and the last mentioned pipe, said union consisting of a body adapted to be disposed over the top of the usual well casing, a downwardly tapering pocket in the said body, a hollow core disposed into the pocket, said body and core having registering ports with which the pipe from the pump can communicate, and means for



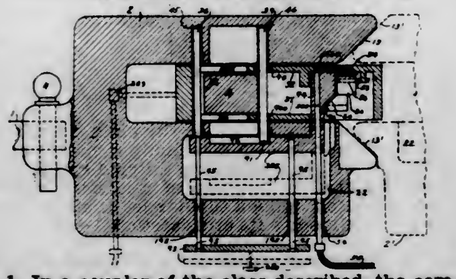
urging the core snugly into the said pocket of the body.

2,126,881
APPARATUS FOR FIRING CERAMIC MATERIAL
Paul Gatzke, Berlin-Pankow, Germany
Application December 9, 1935, Serial No. 53,606
In Germany December 22, 1934
15 Claims. (Cl. 25—142)



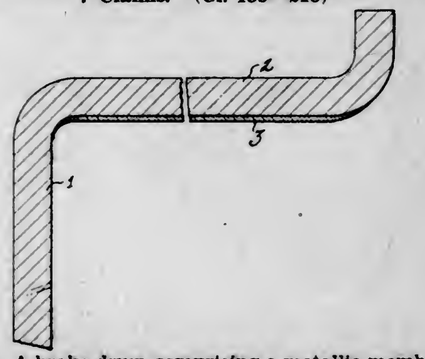
1. In apparatus of the class described the combination of a tunnel furnace, means for indirectly heating said tunnel furnace to substantially the desired temperature, a firing truck traversable through said tunnel furnace, and means transportable through said tunnel furnace on said firing truck to introduce reducing gas into the interior of a charge of ceramic ware upon said firing truck.

2,126,882
AUTOMATIC TRAIN AND VEHICLE SERVICES COUPLER
Walter H. Hartke, Baltimore, Md.
Application July 2, 1934, Serial No. 733,491
8 Claims. (Cl. 213—76)



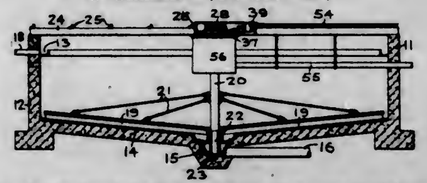
1. In a coupler of the class described, the combination of a claw member, an eccentric member and a lifting plate, the claw member comprising a hollow hemi-cylindrical portion with a fishtail portion extending therefrom, said claw member having a linear and thence a rotative movement, an eccentric member arranged in the coupler and formed to set stationarily therein, and having portions constructed to guide the fishtail portion of the claw member in its linear movement, and a service holder mounted in the coupler and connected with the said lifting plate and adapted to operate within the said claw member and moveable from an inoperative position to an operable position in which its services are connected with service outlets in said claw member, and means for propelling the claw member and service holder through their respective movements.

2,126,883
BRAKE STRUCTURE
Ralph S. Hayes, Lakewood, Ohio, assignor of forty percent to William J. Smith, Rocky River, Ohio, and nine percent to Donald B. Waite, Cleveland Heights, Ohio
Application October 26, 1936, Serial No. 107,614
7 Claims. (Cl. 188—218)



1. A brake drum comprising a metallic member having a braking portion provided with a hard, non-metallic braking surface, said surface comprising a coating of vitreous material of such thinness as to distort without rupture upon distortion of said member.

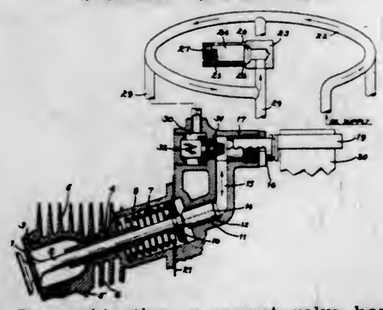
2,126,884
SEDIMENTATION APPARATUS
Harlowe Hardinge, York, Pa., assignor to Hardinge Company, Incorporated, York, Pa., a corporation of New York
Application May 2, 1936, Serial No. 77,471
3 Claims. (Cl. 210—55)



1. A sedimentation apparatus comprising a tank, sludge scraping mechanism within said tank including a supporting means and rakes supported therefrom for scraping solids on the bottom of the tank, a drive element for said sludge scraping mechanism, means supported from said drive element for bodily raising said sludge scraping mechanism above the bottom of said tank, an electric motor for operating said

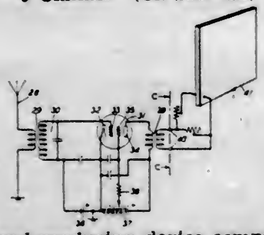
drive element, a second electric motor for operating said sludge scraping mechanism raising means, an electric circuit for supplying electric current to said drive element motor from a source of power supply, an electric circuit normally disconnected from the circuit of the drive element motor for supplying electric current to said second electric motor from the source of current supply, electrically operated switch means for connecting the electric circuit of said second motor with the electric circuit from the source of current supply, and means operable by an overload condition of said drive element motor for operating said switch means to close the circuit to said second motor.

2,126,885
VALVE GEAR
Ralph M. Heintz, San Francisco, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application February 25, 1936, Serial No. 65,638
Renewed June 16, 1938
2 Claims. (Cl. 123—90)



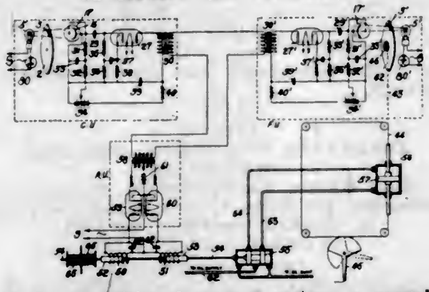
1. In combination, a poppet valve having a stem, a closed chamber around the inner portion of said stem, a valve spring positioned within said chamber and connected to said valve stem for actuation of said valve, a valve lifter extending through the wall of said chamber contacting the end of said stem for actuation of said valve against spring action, said lifter entering said chamber through an oil-sealed bearing, and means for intermittently lubricating said lifter, stem, and spring through said lifter.

2,126,886
ACOUSTIC RECTIFYING DEVICE
Stuart C. Hight, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 1, 1935, Serial No. 34,122
9 Claims. (Cl. 250—21)



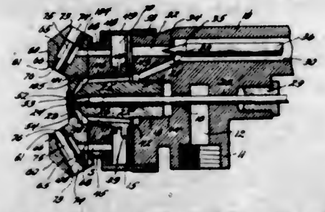
1. A sound producing device comprising a flat plate of crystalline quartz having its thickness in the direction of an electrical axis of the virgin material, means for supporting the plate at its periphery to permit it to vibrate and to permit air to move in laterally from beyond its periphery, and means to cause the plate to vibrate in the direction of its thickness in accordance with modulated high frequency oscillations whereby air is impelled outwardly from the flat face of the plate to produce sounds corresponding to the modulations of the high frequency oscillations.

2,126,887
POSITIONAL CONTROL SYSTEM
Frederick S. Hodgman, Glen Rock, and John L. Bird, Radburn, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application July 5, 1935, Serial No. 29,958
14 Claims. (Cl. 172—282)



14. In a positional control system, a movable primary element and a remotely located secondary element, motive means for moving said secondary element, and control means for said motive means, said control means comprising a frictionless controller responsive to movement of said primary element adapted to produce a motivating force tending to cause said motive means to operate in but one direction throughout the range of movement of said primary element, and a second frictionless controller responsive to movement of said secondary element and adapted to produce an opposing motivating force tending to cause said motive means to operate in the reverse direction, said motivating forces together operating said motive means.

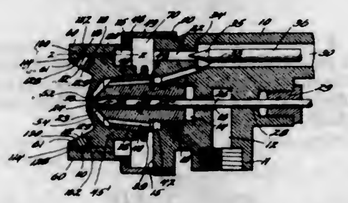
2,126,888
SPRAY GUN NOZZLE
Alexander F. Jenkins, Baltimore, Md.
Application May 26, 1936, Serial No. 81,952
18 Claims. (Cl. 299—140.1)



1. In a spraying device of the class described, a nozzle comprising, in combination, means centrally thereof for discharging a liquid spray, and means disposed at one side of said first named means for discharging a tubular jet of air against said spray to modify its cross sectional configuration.

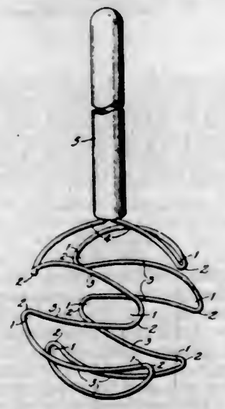
8. In a spraying device of the class described, a nozzle having centrally disposed concentric liquid and compressed air orifices for the discharge of a spray of atomized liquid material, the outer margin of the air orifice being provided with a multiplicity of serrations for affecting degree of atomization and the velocity of the marginal portions of the spray, there being a sufficient number of such serrations that the margin of said spray is roughened without altering the general circular configuration thereof.

2,126,889
SPRAY GUN
Alexander F. Jenkins, Baltimore, Md.
Application March 1, 1937, Serial No. 128,507
11 Claims. (Cl. 299—140.1)



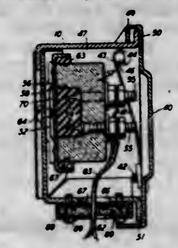
5. In a spray gun nozzle of the class described, a supplemental spray modifying air jet orifice comprising an annular cylindrical recess formed in the face of the nozzle so as to provide a central, concentric, axial, cylindrical projection extending from the bottom of said recess, and a plurality of air admission openings in the annular bottom of said recess.

2,126,890
FLOUR AND SHORTENING MIXER
Alfrida H. Jensen, Chicago, Ill.
Application November 10, 1937, Serial No. 173,855
1 Claim. (Cl. 259—144)



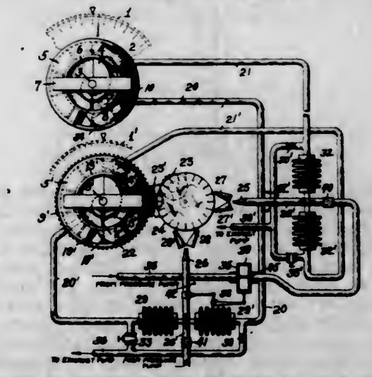
A device of the class described comprising a body of hollow spherical shape formed of a stiff wire bent reciprocally to provide an annular progressive series of alternate convolutions having substantially parallel strands extending in the same direction, said strands being curved outwardly to define the periphery of said body and having their opposite ends terminating in spaced reciprocal bends lying in diametrically opposite planes which intersect said body transversely of said strands, and a radially projecting handle disposed medially between the ends of said strands and secured to the terminal ends of said wire.

2,126,891
CABLE TERMINAL
Le Roy W. Kelsay, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 31, 1936, Serial No. 61,685
2 Claims. (Cl. 247—7)



1. A cable terminal housing, characterized in this, that the cover for said housing is hinged thereto by a pair of flat springs having forked ends, one end of each spring being rigidly secured to the inside of the cover and the forked end frictionally engaging a stud on the inner wall of the housing, said springs being so mounted and tensioned that when the cover is raised beyond a certain point said springs snap the cover open and when lowered beyond said point they snap it closed.

2,126,892
PNEUMATIC POSITIONAL REMOTE CONTROL
Theodore W. Kenyon, Huntington, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application December 16, 1936, Serial No. 116,239
12 Claims. (Cl. 33—204)



10. In a positional control system, a movable primary element and a remotely located secondary element, motive means for moving said secondary element, and control means for said motive means, said control means comprising coarse and fine controllers responsive to movement of said primary element adapted to produce motivating forces tending to cause said motive means to operate in but one direction, coarse and fine controllers responsive to movement of said secondary element and adapted to produce opposing motivating forces tending to cause said motive means to operate in the reverse direction, said motivating forces together operating said motive means, and means whereby the forces controlled from the coarse controllers predominate until near synchronism is reached between the primary and secondary elements.

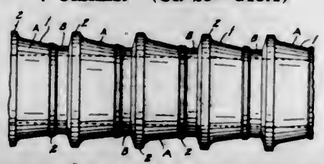
2,126,893

METHOD OF MAKING ROLLER BEARING MEMBERS AND ROLLED BLANKS THEREFOR

Paul Klamp, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Original application June 2, 1934, Serial No. 728,690. Patent No. 2,060,087, dated November 10, 1936. Divided and this application January 28, 1935, Serial No. 3,719

7 Claims. (Cl. 29—148.4)



6. The method of making bearing race rings, which consists in rolling into a bar a series of similar recurring ribs and grooves, machining race rings in succession from the end of the formed bar, and utilizing the ribs to control the repeated advance of the bar for such machining; substantially as described.

2,126,894

INDIRECTLY HEATED CATHODE

Max Knoll and Rudolf Rschulka, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application July 10, 1934, Serial No. 734,464

In Germany May 4, 1933

4 Claims. (Cl. 250—27.5)



1. An unshielded point-source thermionic cathode comprising a hollow metallic cylinder closed at one end by a hollow solid of revolution having a projection of maturely reduced diameter at its apex, a non-conducting hollow cylinder planarly closed at one end disposed within the first of said cylinders with said planar surface adjacent to the closed end of the first of said cylinders, a filament winding disposed longitudinally within the second of said cylinders, and a thermionic emissive coating on the end portion of the exterior surface of the projection of the first of said cylinders.

2,126,895

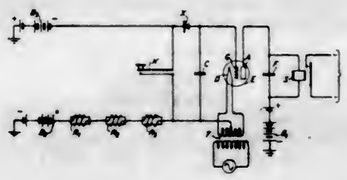
ELECTRICAL TIMING ARRANGEMENT

William M. Knott, Radburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application July 6, 1936, Serial No. 89,070

3 Claims. (Cl. 250—27)

1. The combination of an electrical valve having a cathode, an anode and a grid for controlling the transmission of current between the cathode and anode thereof, current supply means, a surface contact rectifying device and a condenser connected in series with said current supply means and with their junction connected to said grid for charging said condenser and said grid to a potential which blocks the current flow between said cathode and said anode, said charging current flowing in the low resistance direction of said surface contact rectifying device, and means for



closing a discharge path for said condenser through said contact rectifying device in its high resistance direction whereby the potential on said grid is reduced to allow current to flow between said cathode and said anode.

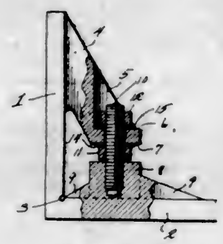
2,126,896

ANGLE PLATE

Steven Koller, Detroit, Mich.

Application January 4, 1938, Serial No. 183,383

4 Claims. (Cl. 33—112)



1. As a new article of manufacture, an angle plate comprising two angularly related integrally connected and flexible flanges one with respect to the other, and coacting means carried by both of the flanges for spreading or retracting one of the flanges with respect to the other.

2,126,897

VALVE

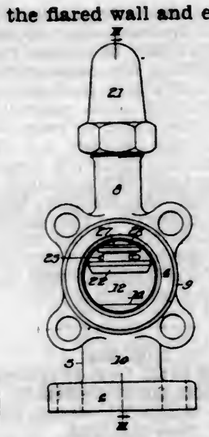
Harry H. Lamar, Wilkinsburg, Pa., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application April 27, 1936, Serial No. 76,544

1 Claim. (Cl. 251—155)

A valve body having an attaching portion, a chamber open at said portion and having its longitudinal axis perpendicular to the plane of attachment of said portion, the body having a bore and a passage communicating with the chamber and arranged in alignment on opposite sides of the chamber with their longitudinal axis intersecting the longitudinal axis of the chamber, the wall of said chamber flaring in the direction of the open end of the chamber and approximately from a plane parallel to the aforesaid plane, the second mentioned axis lying in the second mentioned plane, the body having substantially flat surfaces in the chamber in parallelism to each other and to the longitudinal axis of the chamber providing seats at the bore and passage, the body having projections

raised from the flared wall and extending to the



second mentioned plane to provide portions of said surfaces.

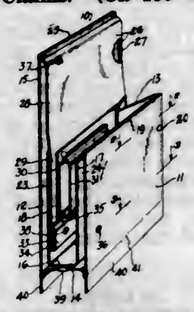
2,126,898

HANDBAG

Aaron Landis, Elizabeth, N. J.

Application October 18, 1937, Serial No. 169,529

5 Claims. (Cl. 150—36)



1. A handbag including a bag body comprising side and end walls and a bottom wall, the bag body having a top opening, an internal wall member having a bottom fold providing side wall sections one of which is connected to one side wall along the top and the ends of the latter and forming a downward opening secret pocket therewith, the other wall section being connected to the ends of the other side wall and being otherwise free of the latter to provide an upward opening secret pocket therebetween, a flap-like lining member connected to the bag body to depend over and conceal the secret pocket, the lining member being removably extended into the bag body, and the said bottom wall having means providing a closable opening communicating with both of said secret pockets.

2,126,899

DEVELOPMENT PROCESS AND DEVELOPER FOR PRODUCING HARDENED IMAGES UPON EXPOSED SILVER HALIDE-COLLOID EMULSIONS

Ferdinand Leiber, Berlin-Friedrichshagen, Germany, assignor to Naamlooze Vennootschap: Nederlandsch Laboratorium de Spaarnestad, Haarlem, Netherlands, a corporation of the Netherlands

No Drawing. Application July 10, 1935, Serial No. 30,769. In Germany June 13, 1935

4 Claims. (Cl. 95—88)

1. The process for effecting a hardening development of latent photographic images upon silver halide emulsions comprising: developing and hardening said emulsion in a solution consisting of five to thirty parts of a dihydroxybenzene capable of developing exposed silver halide emulsions to one part of pyrogallic acid and an alkali accelerator in water, the ratio of the alkali to the developer content being not greater than one to one by weight when measured in terms of potassium carbonate.

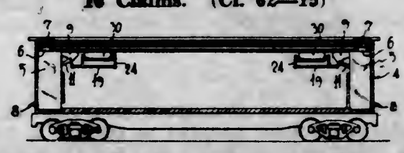
2,126,900

CONTROL MECHANISM

Harry E. Lisk, Independence, Iowa

Application November 9, 1937, Serial No. 173,715

10 Claims. (Cl. 62—15)



1. The combination with a movable vehicle carrying a conduit through which a substance is adapted to pass, a valve interposed in the conduit for controlling the passage of the substance therethrough, a guide-way, a ball guided by the guide-way and adapted to roll to and fro due to movements of the vehicle, and means actuated by said ball for controlling said valve.

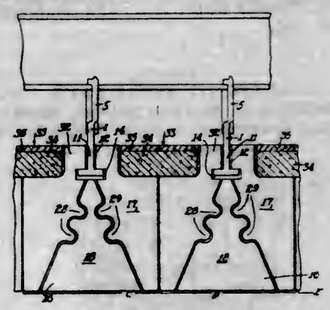
2,126,901

FURNACE ARCH AND REFRACTORY BLOCK THEREFOR

Levi S. Longenecker, Pittsburgh, Pa.

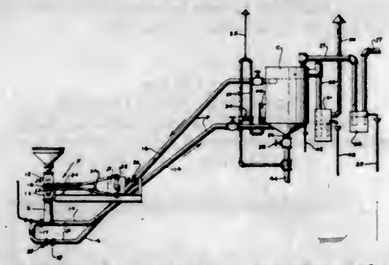
Application July 16, 1936, Serial No. 90,927

2 Claims. (Cl. 110—99)



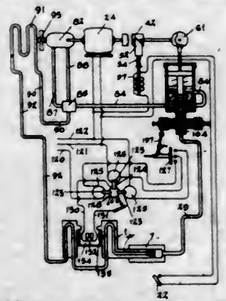
1. A suspended arch for metallurgical furnaces comprising a series of supporting beams, rows of substantially rectangular refractory blocks adapted to be suspended from said beams, means for suspending said blocks from said beams arranged to form a plurality of separate bundles in each row, each of which includes a plurality of blocks, there being two bundles suspended from each said beam in abutting relation and extending in opposite directions from the center thereof, each of said bundles including an abutting front block having a smooth front face, and means for retaining the front block of each bundle in position in said arch although broken away from its supporting means including a tongue on the rear face of each said front block adapted to interfit into a groove in the next succeeding bundle and having such a configuration as to prevent the tongue from being disengaged from said groove except on lateral movement of the front block.

2,126,902
ACETYLENE GENERATOR
James G. Marshall, Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application January 24, 1934, Serial No. 708,042
21 Claims. (Cl. 48—38)



2. Apparatus for generating acetylene which includes a chamber adapted to contain a relatively large body of water and acetylene above the water; a hopper adapted to contain calcium carbide and provided with a valve for delivering intermittently predetermined portions of carbide, a second valve, either of which valves is to be closed when the other is open, and a relatively small compartment between the two valves adapted to hold each portion of carbide after the closing of the first valve and before the opening of the second valve; a pipe adapted to contain water and to conduct acetylene and carbide from said second valve to a point within and substantially below the surface of the large body of water in said chamber; and a second pipe to return water from the chamber to the carbide-feed end of said first-mentioned pipe, said second pipe being provided with a check-valve to insure unidirectional flow of water from the chamber to the said feed end.

2,126,903
WELDING APPARATUS
William H. Martin, Detroit, Mich.
Application December 3, 1936, Serial No. 114,066
18 Claims. (Cl. 219—4)



1. In a welder, a piston and a cylinder, a welding point operated by the pressure in the cylinder and electrically connected to the piston, means for producing high electric contact pressure of the piston against the cylinder, a primary of a transformer inductively located with respect to the cylinder to produce the flow of a secondary welding current through the cylinder, the piston, and the welding point.

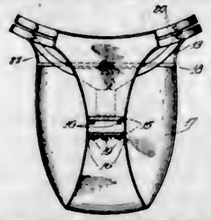
4. In a welding apparatus, a hydraulic pressure device, a rotor means for mechanically operating the pressure device, a cylinder connected to the pressure device and having a piston, a welding point electrically connected to the cylinder and hydraulically operated by the pressure in the cylinder to engage the work, the welder having means for conducting the liquid through the cylinder and in heat transmitting relation to the welding point, means for restricting the flow of the liquid to raise the pressure of the liquid in the cylinder for pressing the welding point against the work, means for raising the pressure of the piston against the wall of the cylinder when the welding point engages the work, a transformer, the primary of the transformer inductively located with respect to the cylinder for producing the flow of a welding current through the cylinder wall and the piston to the welding point.

2,126,904
RESILIENT PAD FOR USE IN CONJUNCTION WITH HORSESHOES
Frederick James Marsh, Riccarton, Christchurch, New Zealand
Application August 9, 1937, Serial No. 158,187
In New Zealand August 18, 1936
4 Claims. (Cl. 168—28)



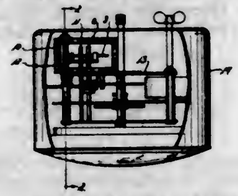
1. A pad for use in conjunction with a metal horseshoe, comprising a pad of suitably resilient rubber designed to underlie the rear portion of the hoof and the frog and terminating laterally in edges adapted for abutment with the rear terminals of said shoe, a metal plate embedded in said pad, the two extremities of said plate emerging from the rubber at said lateral terminations and being adapted to be interlaid between the underside of the hoof and the rear portions of said shoe and to be transfixed by the rear nails of the latter.

2,126,905
UNDERGARMENT
Marcelite Englander McCracken, Evanston, Ill.
Application November 21, 1935, Serial No. 50,843
1 Claim. (Cl. 128—289)



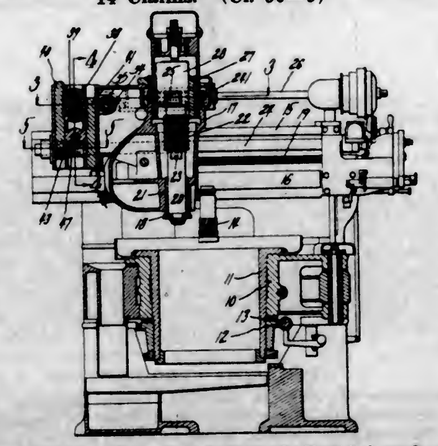
A garment of the class described comprising a waist band adapted to encompass the waist of the wearer; a supporting element depending from the front of said waist band and provided with two transverse stiffening bars located at different elevations thereon; two separated eyes on each stiffening bar; a shield member connected with said waist band at the rear and extending thence downwardly, forwardly and upwardly for detachable connection with the lower edge of said front supporting element; hooks at the front end of said shield member for connection with the eyes on either of said stiffening bars; an elastic supporting strap suspended from said waist band by two divergent supporting straps each provided at its upper end with a hook; two sets of supporting eyes at different elevations on said waist band and arranged for adjustable connection with the hooks on said divergent supporting straps; and an elastic strip arranged to be detachably connected with the eyes on either of said stiffening bars.

2,126,906
CLOCK
Herschel McCurdy, Detroit, Mich.
Application April 1, 1937, Serial No. 134,398
2 Claims. (Cl. 58—53)



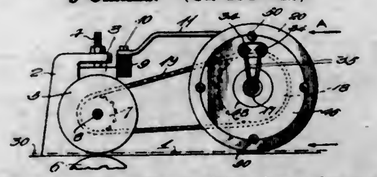
1. In a timepiece of the class described, a supporting frame embodying a pair of oppositely disposed plates; means for securing said plates together in spaced relation; a clock mechanism mounted on said frame between said plates; a sound-proof housing positioned on said frame with one of the sides of said housing engaging the outer face of one of said plates; means for securing said housing in fixed relation to said plates; a pair of shafts journalled in said frame and projecting through the plate engaged by said housing and extending into said housing; an escapement wheel fixedly mounted on one of said shafts in said housing; a pinion mounted on said last-named shaft between said plates and cooperating with said clock mechanism for rotating said last-named shaft; and a detent mounted on the other of said shafts within said housing for cooperating with said escapement wheel.

2,126,907
MACHINE FOR SHAPING HELICOIDAL SURFACES
Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont
Application March 9, 1935, Serial No. 10,198
14 Claims. (Cl. 90—9)



1. In a machine for shaping helicoidal surfaces having a rotatable and endwise movable spindle and a gear wheel for rotating said spindle, an endwise movable rack element in mesh with said gear wheel, means for reciprocating said spindle, and associated means for advancing and withdrawing said rack element progressively and simultaneously with the advancing and return strokes of the spindle, respectively, said means including shiftable connections for reversing the directions of movement of the rack element relatively to the directions of movement of the spindle.

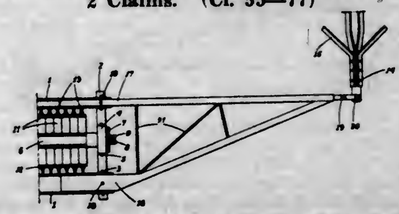
2,126,908
APPARATUS FOR AND METHOD OF SEALING BAGS
Stuart Moore, Dallas, Tex., assignor to Dixie Wax Paper Company, Dallas, Tex., a corporation of Texas
Application June 12, 1935, Serial No. 26,255
5 Claims. (Cl. 154—42)



4. In a machine for making bags from a web having overlapping edges and traversing said machine, a web-feeding mechanism, a heat-conducting disc member rotatably mounted in said machine and disposed to contact peripherally with the overlapping edges of said web, heating means for applying heat to said disc member for sealing said web, and means cooperatively actuated with said web-feeding mechanism for rotating said disc member in the same direction as the movement of said web at the area of contact therewith at a peripheral speed of its web-engaging surface slightly less than the speed of movement of said web at said area of contact.

5. In the manufacture of paper bags from wax coated material, the method of sealing the seam in a moving formed bag webbing having overlapping edges, which comprises positioning and rotating a heated member in contact with said webbing while maintaining the web-engaging surface of said heated member at a temperature sufficient to seal said overlapping edges, and moving said web-engaging surface of said heated member in the direction of movement of said webbing at a speed slightly less than the speed of movement of said bag webbing.

2,126,909
SOIL CONDITIONER
Warren L. Morris, Kenneth L. Morris, and Glenn E. Morris, Butte City, Calif.
Application April 17, 1937, Serial No. 137,528
2 Claims. (Cl. 55—77)



1. In a multiple gang agricultural implement, separate front and rear gang frames disposed in laterally offset relation, draft means on the front frame, a tongue projecting forwardly from the rear frame centrally of its ends, an extension

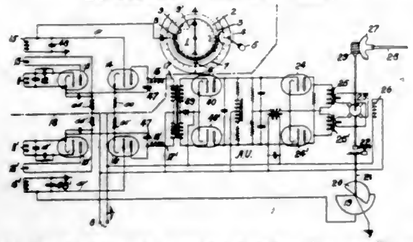
frame projecting laterally from the end of the front frame nearest the rear frame, means rigidly but removably securing the extension frame on said front gang frame, and means removably pivoting the outer ends of the extension frame and tongue together; said extension frame securing means comprising spaced projecting elements on the inner end of the extension frame, the front gang-frame having correspondingly spaced sockets to removably receive the elements, and pins removably passing through the walls of the sockets and said elements.

2,126,910
ELECTRICAL CONTROL SYSTEM

Francis L. Moseley, Pelham, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York

Application June 20, 1935, Serial No. 27,471

16 Claims. (Cl. 172—282)



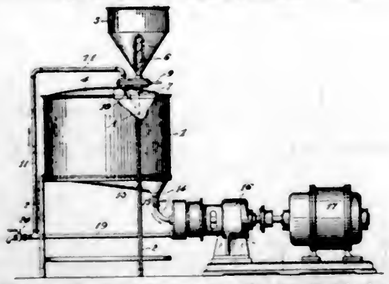
14. In a steering control system for craft, movable compass controlling means, an electrical pick-off from said compass means arranged for setting up alternating potentials responsive to the departure of the craft from course, thermionic means for receiving said alternating potentials and for amplifying and rectifying the same, said thermionic means having impedance in its output circuit for producing surge potentials, at least one of which potentials is responsive to a time derivative of the departure of the craft from course, and motive means controlled from said thermionic means and said impedance for causing the craft to return to its course.

2,126,911
METHOD AND APPARATUS FOR DISPERSING PECTIN AND THE LIKE

George W. Mullen, Flushing, N. Y.

Application January 6, 1936, Serial No. 57,753

13 Claims. (Cl. 99—132)



1. The method of dispersing finely divided particles of pectin, which method comprises causing a divergent stream of liquid to contact a stream of finely divided particles of pectin, and agitating the mixture of liquid and pectin to form a dispersion.

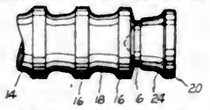
8. In a device of the class described, the combination of a receptacle having an outlet, a hopper for delivering a stream of material which tends to clot to said receptacle, means adjacent to the delivery end of said hopper for directing a divergent spray of liquid against the stream of material delivered from the hopper, and means operatively connected to said outlet and said first means for continuously circulating liquid from said outlet to said first means.

2,126,912
ANTIFRICTION BEARING AND ITS MANUFACTURE

William T. Murden, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application December 6, 1934, Serial No. 756,302

14 Claims. (Cl. 29—148.4)



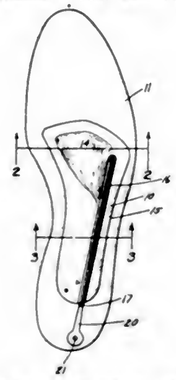
2. The method of making bearing race rings, which consists in subjecting elongated bar stock to a rolling operation to produce a series of recurring embryo race forms having like contours all facing in the same direction, and thereafter machining the race rings successively while connected to the bar and as said bar is repeatedly advanced; substantially as described.

2,126,913
SHANK STIFFENER

George E. Musebeck, Danville, Ill., assignor to Musebeck Shoe Company, Danville, Ill., a corporation

Application April 12, 1937, Serial No. 136,327

5 Claims. (Cl. 36—71)



1. A shank stiffener for shoes including a plate of relatively flexible metallic material extending forwardly beneath the metatarsal arch of the foot and rearwardly through the shank portion to the rear of the heel breast, and a piece of relatively stiff reenforcing material secured thereto and extending from a point beneath the fifth metatarsal bone of the foot, adjacent to and substantially parallel with the outer edge of said plate to a point beneath the heel of the foot, said reenforcing piece extending beyond the rear of said plate and having provision for securing the extended portion to other portions of the shoe.

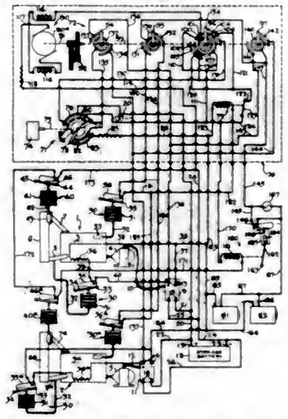
2,126,914
CONTROL SYSTEM

Clarence W. Nessell, Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application December 16, 1936, Serial No. 116,189

18 Claims. (Cl. 290—30)

1. In a system of the class described, a prime mover, load means actuated by said prime mover, variable power transmission means interposed between said prime mover and said load means for transmitting power from said prime mover to said load means, automatic starting means for said prime mover, a controller for said variable power transmission means, means for automatically responding to an internal condition within the prime mover which is indicative of the prime mover's ability to operate satisfactorily (as distinguished from an output condition of said



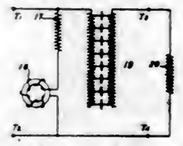
prime mover) said last mentioned means actuating said controller for the variable power transmission means and being arranged to position said controller in a manner to diminish the transmission of power from said prime mover when said condition is at a value indicating that the engine is not in condition for satisfactory operation, while increasing the transmission of power from said prime mover to a maximum when said condition is at a value indicating that the engine is in condition for satisfactory operation.

2,126,915
WAVE TRANSMISSION NETWORK

Edward L. Norton, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application March 12, 1937, Serial No. 130,459

8 Claims. (Cl. 178—44)



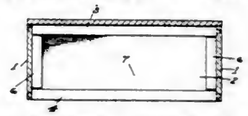
1. In a wave transmission network having a constant resistance characteristic impedance and a frequency dependent attenuation, a pair of inversely related impedances, the ratio of which determines the attenuation and the product of which determines the characteristic impedance, one of said impedances comprising a coil having a metallic core and a winding thereon, said core having a solid cross section of area such that the effective resistance produced by eddy current flow is substantially equal to the effective reactance of the coil at frequencies above a preassigned value determining the lower limit of the operating range of the network, and the other of said impedances comprising a condenser having electrodes of low conductivity material, the shape of said electrodes conforming to the shape of the solid cross section of said coil core and the surface resistivity of said electrodes being proportioned in relation to the permeability and the volume resistivity of the material of said core to provide the inverse relationship of said impedances throughout the operating range of frequencies of the network.

2,126,916
CASE CONSTRUCTION FOR ARTICLES OF FURNITURE

Frank T. Parrish, Gardner, Mass., assignor to Heywood-Wakefield Company, Boston, Mass., a corporation of Massachusetts

Application March 24, 1936, Serial No. 70,599

1 Claim. (Cl. 211—148)



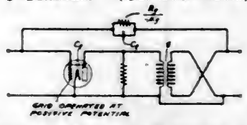
A case construction comprising spaced side members and partitions connecting said side members, each partition comprising front and rear rails immovably secured at opposite ends to the side members, with the outside edges of said rails flush with the side members, side rails extending adjacent to said side members and between said front and rear rails, said side rails being entirely free of attachment to the side members and supported only by said front and rear rails, said rails having tongue and groove interengagement to provide for a slight movement of the front and rear rails, with said side members, toward or away from each other in the plane of the partition, and a panel supported by said rails to provide a continuous partition, said panel and rails having interconnecting supporting means providing for free movement of the panel relative to the rails.

2,126,917
SPACE DISCHARGE AMPLIFIER CIRCUIT

Liss C. Peterson, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application November 20, 1936, Serial No. 111,899

6 Claims. (Cl. 179—171)



1. In combination with a space discharge device having a grid-cathode and an anode-cathode circuit, and having positive transconductance from grid to plate and negative transconductance from plate to grid, coupling impedance from grid to plate which lowers the first-mentioned transconductance, means connected between grid and plate for compensating the effect of said coupling impedance, and means connected between grid and plate for reducing the plate-to-grid transconductance.

2,126,918
ELECTRIC HEATER

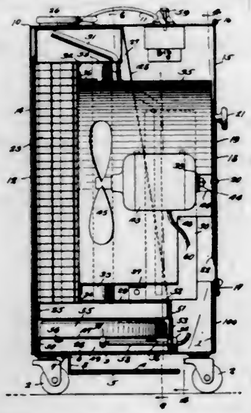
Edward W. Phillips, Flint, Mich.

Application March 17, 1937, Serial No. 131,485

5 Claims. (Cl. 219—39)

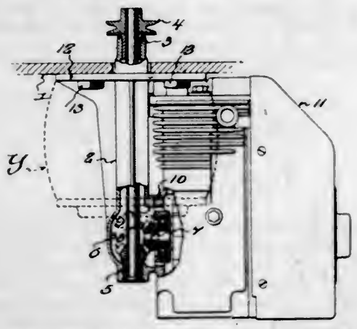
1. A device of the class described comprising a housing having an air inlet in its bottom, a radiator combined with the housing, a tank communicating with the lower portion of the radiator,

means for heating the tank, the heating means being located below the tank and above the air inlet in the path of the air entering the housing by way of the inlet, means for conducting heated liquid from the tank to the upper portion of the radiator, a sleeve extending backwardly from the radiator and having an opening located within the



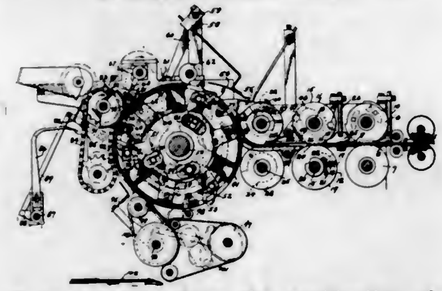
housing and receiving air derived through the inlet, means under the control of an operator for cutting off the flow of air which passes through the sleeve thereby to facilitate a preheating of the air supply furnished independently by the inlet and the opening, and means for creating a draft of air through the sleeve and through the radiator.

2,126,919
MOTOR MOUNTING
Edgar M. Plett, New Holstein, Wis., assignor to The Lauson Company, New Holstein, Wis.
Application November 2, 1935, Serial No. 48,015
1 Claim. (Cl. 74—417)



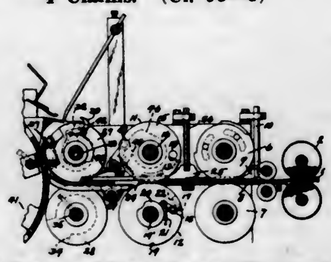
The combination of a motor, a mounting for said motor comprising an integral, vertical, hollow bracket for attachment to the lower face of a machine base and having a portion extending upwardly therethrough, a gear cavity formed in the lower end of said bracket and having an opening at one side, a flange formed on the bracket surrounding said opening for reception of said motor, means for detachably connecting said motor to said flange, a flange on said bracket adjacent its upper end for attachment to said machine base, a vertical shaft journaled in said bracket in spaced bearing in the upper and lower ends respectively, said shaft extending through the upper end of the bracket for reception of a power take-off, and a gear secured on said shaft within said gear cavity for operative connection with the shaft of said motor.

2,126,920
BAG MAKING MACHINE
Adolph Potdevin, Garden City, N. Y., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Application March 14, 1935, Serial No. 10,968
26 Claims. (Cl. 93—22)



12. In a bag machine, the combination of a rotary bottoming drum provided with a gripper for attaching the leading end of one wall of a traveling bag length thereto, rotatable means adjacent the periphery of said drum and provided with means for gripping the leading end of the other wall of the bag length, the said rotatable means rotating oppositely to said drum, whereby the leading end of the bag length will be opened and one wall folded back upon itself, a plate adjacent the periphery of the bottoming drum curved to the contour of the drum and adapted to be moved toward the drum and in the direction of advance of the bag length to fold over the opposed sides of the bag length after one wall has been released by said rotating means, revolvable scoring blades for scoring the bag length after the same has been engaged by said plate, and a cam rotatable on the axis of revolution of said scoring blades for controlling the movement of said plate.

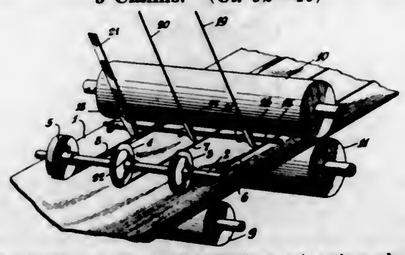
2,126,921
BAG MAKING MACHINE
Adolph Potdevin, Garden City, N. Y., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Original application March 14, 1935, Serial No. 10,968. Divided and this application August 20, 1936, Serial No. 96,914
4 Claims. (Cl. 93—8)



2. In a bag machine, cross-scoring mechanism comprising in combination a scoring blade for depressing the area of a bag blank to be scored and a pair of scoring jaws for receiving the depressed area of the blank, the active face of one

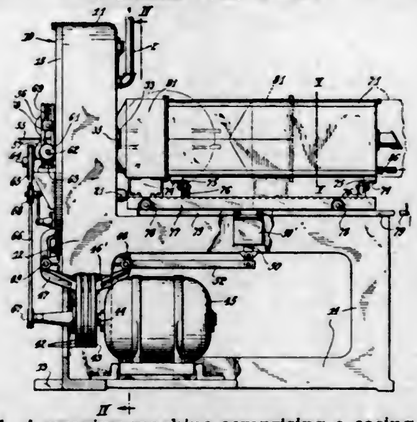
of said jaws being sloped away from the other jaw whereby only the apex of the depressed portion of the bag blank will be gripped by the jaws.

2,126,922
METHOD OF MAKING PAPER PRODUCTS
F. Warner Robinson, New York, N. Y.
Application May 27, 1935, Serial No. 23,583
3 Claims. (Cl. 92—40)



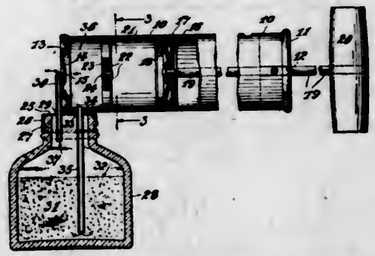
3. In the method of securing a tearing element to paper, the steps comprising forming a groove in the paper, said groove forming a bed for the laying in of said tearing element so that the embedded face thereof will remain substantially round in cross section thereafter, said groove being of such a depth that the outer face of said tearing element is substantially flush with the surface of said paper, and thereafter laying and pressing the tearing element in the groove while maintaining its paper-contacting face substantially round in cross section.

2,126,923
SWAGING MACHINE
Emilio Romanelli, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 21, 1935, Serial No. 7,483
7 Claims. (Cl. 78—18)



1. A swaging machine comprising a casing, an annular member mounted in and connected to one side of said casing, a fly-wheel enclosed in said casing and comprising a hub portion encircled by said annular member, a disc portion extending therefrom and disposed between the other side of said casing and said annular member, and an outer peripheral portion secured to the outer edge of said disc portion, anti-friction means between said annular member and peripheral portion for rotatably mounting said fly-wheel, a dametrically grooved plate carried by said hub portion, die means movably mounted in said groove, hammers in said groove outwardly of said die means, hammer-actuating rollers disposed between said annular member and hammers, and a plate secured to said casing and holding said die means, hammers and rollers in place.

2,126,924
DUST SPRAYING DEVICE
William H. Rose, Jersey City, N. J.
Application September 9, 1937, Serial No. 163,004
5 Claims. (Cl. 43—147)



1. A dust spraying device comprising a casing having a small opening in one end, a powder container, air means between said casing and said container adapted to violently agitate a powder mass within said container, and air means adapted to remove powder from above said powder mass and emit it from the device in the form of a spray, said air means having an opening in alignment with said end opening of said casing.

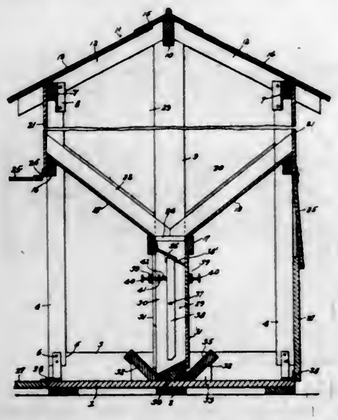
2,126,925
PIGMENTS IN OIL AND METHOD OF MAKING THE SAME
Lonnie W. Ryan, Westfield, and Earl Knudt Fischer, Elizabeth, N. J., assignors, by mesne assignments, to Interchemical Corporation, New York, N. Y., a corporation of Ohio
No Drawing. Application January 12, 1934, Serial No. 706,436
13 Claims. (Cl. 134—58)

9. A method of transferring an aqueous pigment pulp to a pigment in oil, which comprises adding to the aqueous pulp an oil and a small amount of one of the group consisting of an amine containing at least one alkyl radical having in itself at least three carbon atoms, and an amine which contains at least one alkyl radical having in itself at least three carbon atoms and which is condensed with a member of the group consisting of the soap-forming acids and glyceride oils containing free fatty acids, and mixing said ingredients to effect the separation of the bulk of the water of the pulp, leaving the pigment dispersed in the oil.

2,126,926
STOCK FEEDER
Fred Rebehn and Marinus R. Iversen, Logan, Iowa
Application May 10, 1937, Serial No. 141,787
2 Claims. (Cl. 119—53)

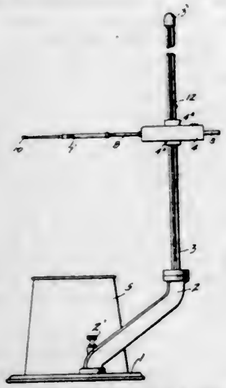
1. In a stock feeder, a floor structure, substantially rectangular, an elongated elevated feed hopper supported on said structure to extend substantially from end to end thereof and having a central discharge aperture extending longitudinally across the same, a trough secured to said floor structure beneath said aperture to extend

parallel therewith from end to end thereof, a chute assembly extending along said aperture and trough between the same and comprising a plurality of vertical separate chutes opening alternately upon opposite sides of the trough, means in each chute for opening and closing the same comprising a vertically disposed rocker operative



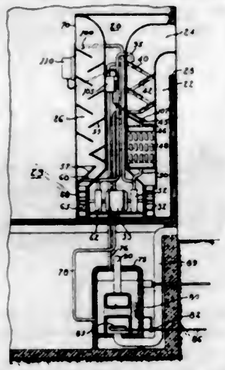
to open said chute by movement of its lower end inwardly of the chute, and means for resiliently holding said rockers against such movement comprising a pair of opposed bars extending along opposite sides of said assembly, respectively, and variable resilient devices interposed between each bar and alternate chutes respectively.

2,126,927
GRAPHING APPLIANCE
Otto A. Schiernbeck, Davenport, Iowa
Application March 26, 1938, Serial No. 198,267
10 Claims. (Cl. 33—23)



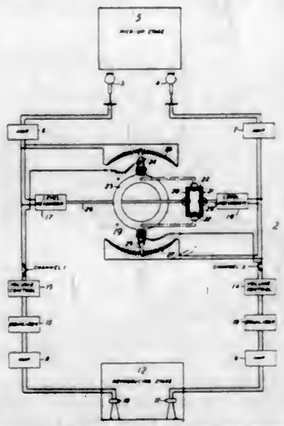
1. In a graphing apparatus, a base, a supporting arm mounted thereon, a vertical column mounted upon the arm, a housing mounted on the column for travel longitudinally thereof, a horizontal rod extending through and slidable lengthwise in the housing and having a contactor at one end thereof, a movable paper blank mounted for travel within the housing, a stylus united to the rod bearing upon the blank, and motor-driven means to cause the housing to travel at uniform speed along the column.

2,126,928
CONCENTRATING METHOD
Harry F. Smith, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application June 30, 1934, Serial No. 733,287
2 Claims. (Cl. 159—16)



1. The method of concentrating a hygroscopic liquid medium for air conditioning which comprises flowing said liquid medium gravitationally through a heated physical contact zone in counter-current relationship with a stream of air and then cooling said medium by flowing said medium through a heat exchanging zone out of physical contact in heat exchange relationship with said stream of air while said stream of air is cooler than said medium.

2,126,929
SOUND REPRODUCING SYSTEM
William B. Snow, Maplewood, and John C. Steinberg, Lake Mohawk, Sparta, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 15, 1936, Serial No. 79,882
10 Claims. (Cl. 179—1)



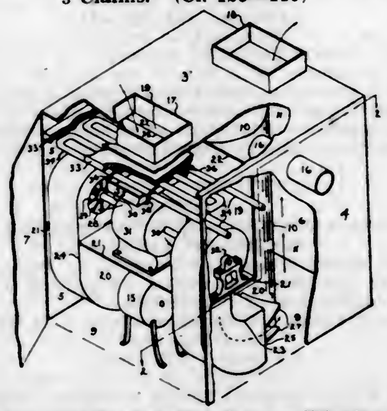
1. In a stereophonic sound reproducing system, two spaced sound pick-up devices, two receiving devices, lines connecting the devices to the receivers, a volume control for each of the lines, and means for producing a force varying with the difference in the outputs of the pick-up devices and means responsive to the force operating the control to accentuate said difference.

2,126,930
MECHANISM FOR DIVIDING AND COALESCING IMAGES
Ward H. Snyder, Miami, Fla., assignor of one-third to Frank F. Farkas and one-third to E. N. Farkas, both of Chicago, Ill.
Refiled for abandoned application Serial No. 324,904, December 10, 1928. This application October 14, 1937, Serial No. 169,064
2 Claims. (Cl. 88—1)



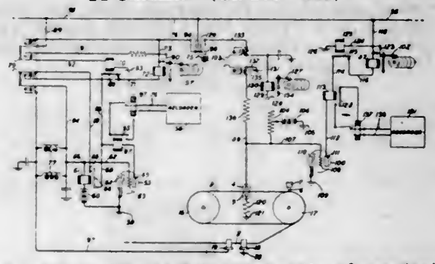
1. An apparatus for securing a plurality of images of the same view comprising a lens, a pyramidal reflector, the axis whereof is disposed in the optical axis of said lens, means for moving said pyramidal reflector along its axis and means for receiving the images formed by said lens after they have been so reflected disposed in planes parallel to the movement of said reflector.

2,126,931
APPARATUS FOR CONDITIONING AND CIRCULATING AIR
Raymond C. Sorsoleil, Seattle, Wash.
Application September 22, 1937, Serial No. 165,125
3 Claims. (Cl. 126—110)



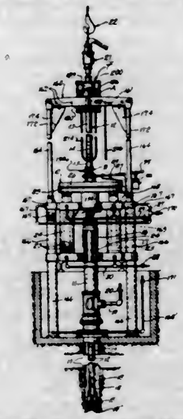
1. A compact apparatus for conditioning and circulating air for dwellings, comprising a cabinet, a heating furnace mounted in the rear portion of said cabinet in spaced relation from the back and side walls thereof to provide passage ways for air from the front portion of said cabinet, a chute for the passage of air from the rear portion of the cabinet, a smoke flue tightly affixed to said furnace and projected outward through a wall of said cabinet, an elevated floor across the cabinet in front of said furnace to provide an upper and a lower chamber, a partition from the rear edge of said floor up to the top of said cabinet to enclose said upper chamber, an air chute projected from the top of said upper chamber, a pair of perpendicular scroll ducts projected through said floor, the upper ends of said ducts having intake mouths opening into said upper chamber, nozzles on the lower ends of said ducts directed backward in line with and in front of said passage ways and on each side of said furnace for discharging currents of air without obstruction around each side of said furnace in equal portions, fans rotatably mounted in the upper portions of said scroll ducts for drawing air therein and for forcing such air from said nozzles, a motor for operating said fans mounted in said upper chamber, and burner means for heating said furnace mounted in said lower chamber between said nozzles, a door in front of said chambers to provide access to all such appliances when open and for separating such chambers when closed, and to prevent the entry of air at the said lower chamber except through such ducts and nozzles.

2,126,932
TESTING DEVICE
Albert B. Spyut, Waltham, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 29, 1936, Serial No. 76,991
14 Claims. (Cl. 175—183)



1. The method of determining the characteristics of insulation on wire which consists in moving the wire at a constant rate, subjecting the moving wire to the action of a scraping member and automatically recording the number and extent of portions exposed by the scraping.

2,126,933
WELL DRILLING EQUIPMENT
Frederick Stone, Los Angeles, and Albert L. Stone, Redondo Beach, Calif., assignors to Hydril Company, Los Angeles, Calif., a corporation of California
Application August 12, 1935, Serial No. 35,696
25 Claims. (Cl. 255—1)



1. In combination, a supporting structure having an upwardly and inwardly tapering bore adapted to take a vertically extending pipe, a wedge slip assembly within the bore and movable

upwardly therethrough from inoperative position into pipe-engaging position, a carrier for said assembly and engaging it from beneath, means for shifting said carrier vertically to move the assembly into pipe-engaging position, said means embodying a member applied to the pipe and to the carrier and adapted automatically to move said carrier and thereby the assembly upwardly upon initial upward movement of the pipe; a snubbing yoke mounted for vertical reciprocation above the supporting structure and having a bore adapted to take the pipe, and releasable pipe-gripping elements carried by the yoke.

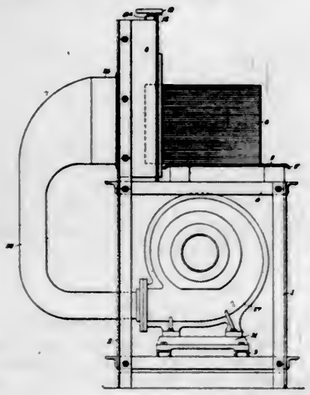
2,126,934

APPARATUS FOR CONDITIONING CONTAINERS

Harden F. Taylor, Scarsdale, and Alexander H. Cooke, Atlantic Beach, N. Y., assignors to The Atlantic Coast Fisheries Company, New York, N. Y., a corporation of Maine

Original application October 14, 1931, Serial No. 568,830, now Patent No. 2,011,426, issued August 13, 1935. Divided and this application July 12, 1935, Serial No. 30,986

10 Claims. (Cl. 99—234)



1. An apparatus for the conditioning of containers formed of corrugated material and while in the collapsed state comprising a conditioning chamber having an opening wherein the ends of a plurality of collapsed containers formed of a corrugated material and piled in a stack may be positioned, means to adjust the size of said opening, and means to introduce air saturated with steam into said chamber whereby it passes through the corrugations and penetrates said containers.

2,126,935

DIRECTION MAINTAINING MEANS FOR USE ON DIRIGIBLE CRAFT

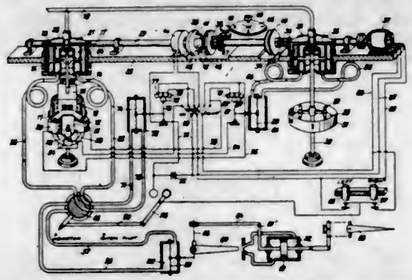
Gert Zoege von Manteuffel, Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau, a corporation of Germany

Application June 30, 1937, Serial No. 151,309

In Germany July 2, 1936

7 Claims. (Cl. 33—222)

1. Direction maintaining means for craft comprising, in combination, a free gyroscope; a first controller governed by the relative position of the craft and said gyroscope; a directional instrument; a second controller governed by the relative position of the craft and said instrument; means controlled by the second controller for correcting the gyroscope; means connecting both controllers for equiangular rotation; a motor controlled by said first controller and adapt-



ed to actuate said connecting means; and a clutch interposed in said rotating means for disconnecting said controllers, whereby only one controller may be turned by the motor for initial adjustment to the relative position of the other controller.

2,126,936

TEXTILE FINISHING MATERIAL

Eugene Wolgamuth Wall, Philadelphia, Pa., assignor to Kali Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application March 23, 1936, Serial No. 70,553

2 Claims. (Cl. 134—11)

1. A dilute liquid textile finishing material of the character described, consisting of a solution which consists of a solvent for sucrose acetate and a sucrose acetate together with a softening agent for sucrose octa-acetate, the sucrose acetate and softening agent each being present in proportions ranging from 1 to 5% of the solution.

2,126,937

COAL TAR RESINS AND THE PRODUCTS PRODUCED THEREBY

John Morris Weiss, New York, N. Y., assignor to The Calorider Corporation, Greenwich, Conn., a corporation of Connecticut

No Drawing. Application January 24, 1936, Serial No. 60,711

8 Claims. (Cl. 260—7)

7. In the production of resinous bodies, the step which comprises mixing a naphtha containing compounds of the cumarone indene type with liquid hydrocarbons from the group consisting of pentanes, butanes and propanes to form a solution thereof and adding a polymerizing agent to said mixture.

2,126,938

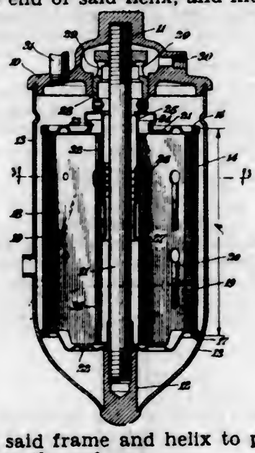
FILTER

Lewis W. Williams, Short Hills, and George A. Arnold, Chatham, N. J., assignors to Motor Improvements, Inc., Newark, N. J., a corporation of Delaware

Application August 7, 1936, Serial No. 94,748

9 Claims. (Cl. 210—167)

3. In a filter, a helix of thin metal ribbon having contacting turns, a frame on which said helix is supported with adjacent turns free to slide on said frame out of contact with each other, a cap fixed to one end of said frame, a guide rod slidably supported by said frame, a second cap carried by said guide rod at one end, means on said frame for locking said rod with the caps engaging the end of said helix, and inter-engaging



means on said frame and helix to prevent relative rotation thereof.

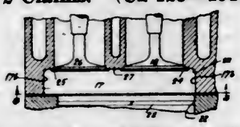
2,126,939

INTERNAL COMBUSTION ENGINE HEAD

Edward A. Winfield, La Canada, Calif.

Application June 13, 1936, Serial No. 85,094

2 Claims. (Cl. 123—191)



1. In an internal combustion engine, a cylinder containing a piston, a head above said cylinder, said head containing an elongated combustion chamber directly above the cylinder and having circular intake and exhaust ports in its top wall, intake and exhaust valves controlling gas flow through said ports, the exhaust valve and its port having smaller diameters than the corresponding diameters of the intake valve and its port, said chamber being closed beyond the valve ports by end walls having horizontal circular curvatures about substantially the centers of the valve ports, the end wall beyond the intake port having a greater radius of curvature than the end wall beyond the exhaust port and the undersurface of said head beyond one side of said chamber overlying the piston and forming with the piston at the end of its compression stroke, a narrow compression space.

2,126,940

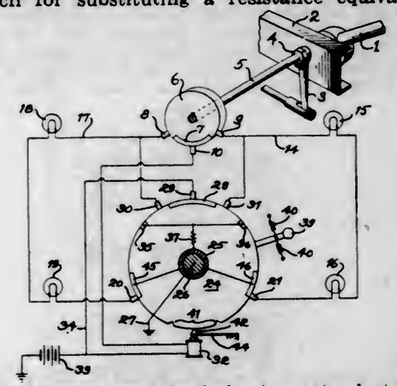
VEHICLE SIGNALING SYSTEM WITH MANUAL OVERRIDE

Herbert E. Metcalf, Walnut Creek, Calif., assignor to E. H. Kueffer, Oakland, Calif.

Application October 23, 1937, Serial No. 170,611

4 Claims. (Cl. 177—339)

1. In combination, a vehicle signaling system comprising a steering gear switch automatically and selectively energizing a pair of indicator circuits from a power source upon movement of said steering gear, a current consuming indicator in each of said circuits, a hand-switch movable at will of the operator to selectively energize said same circuits, means for holding said hand-switch in the selected position, means actuated by current passing through said automatic switch for releasing said hold, means for automatically returning said hand-switch to neutral position upon release of said hold, and means operating in synchronism with said movement of said hand-switch for substituting a resistance equivalent



to the resistance of the indicator not selected in place thereof.

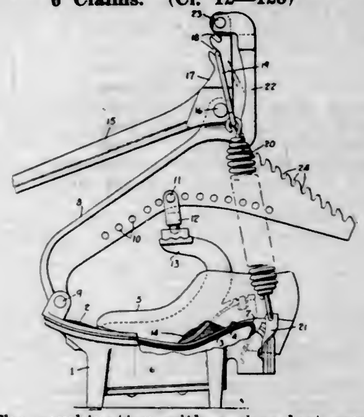
2,126,941

SHOE LAST

George Heinerich Barge, Jamaica, N. Y., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application August 10, 1936, Serial No. 95,219

6 Claims. (Cl. 12—128)



1. The combination with a shoe last comprising an integral structure formed with toe and shank portions shaped to conform to the forepart and shank of a shoe having a heel of maximum height to support said portions of the shoe under pressure for the attachment of a sole to the shoe upper by cement, of a member shaped to conform to the shank portion of a shoe of lesser heel height and of different contour than the shank portion of the last and being constructed and arranged to be attached to the last to underlie the shank portion thereof to support the shank of the shoe when pressure is exerted thereon.

2,126,942

VACUUM SEALING MACHINE

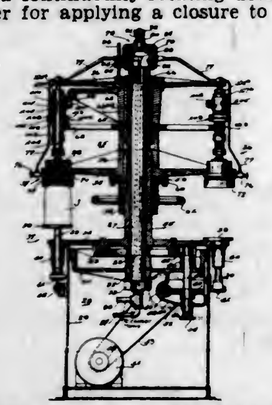
Herbert A. Barnby, Toledo, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio

Application September 20, 1934, Serial No. 744,857

16 Claims. (Cl. 226—82)

1. In a vacuum sealing machine, a support for a container to be vacuumized and sealed, an inverted cup-like vacuum chamber adapted to en-

close a portion of the container, a sealing ring at the lower margin of the chamber, means for effecting relative vertical movement between said support and chamber to thereby bring the sealing ring and container into engagement with each other, a continuously rotating device within the chamber for applying a closure to the con-



tainer, means for bringing said device into engagement with the closure, means for applying progressively increasing degrees of vacuum to the container and chamber and means for rotating the closure applying device including a friction clutch operating to render the closure rotating means ineffective upon completion of the closure applying operation.

2,126,943

MOTOR VEHICLE

Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application February 27, 1937, Serial No. 128,270
17 Claims. (Cl. 280—152)



1. In a motor vehicle, the combination with a vehicle body having a contour conducive to the maintenance of a smooth flow of air thereover and including a generally flat and uninterrupted lower surface, of steerable road wheels partially housed within said body, wheel suspension means supporting said wheels for rising and falling movement with respect to said body, said lower surface being formed with openings through which said road wheels extend, said openings being formed to permit of horizontal swinging movement of said wheels in steering, and closure members for said openings supported for swinging movement with said wheels and for vertical displacement as said wheels rise and fall.

2,126,944

PREPARATION OF POLYBASIC ACIDS OR ANHYDRIDES

Wyly M. Billing, Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 6, 1936, Serial No. 83,889
6 Claims. (Cl. 260—341)

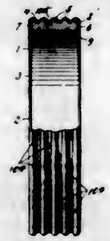
1. Method of preparation of a terpene-maleic anhydride condensation product which includes passing a gaseous mixture containing maleic anhydride vapors, and produced by partially oxidizing a hydrocarbon by means of oxygen-containing gases, into contact with a terpene body at a sufficiently high temperature to cause a condensation reaction of the maleic anhydride with the terpene body, and removing the remaining gases from contact with the thus formed condensation product.

2,126,945

BRAKE DRUM

Caleb S. Bragg, Palm Beach, Fla.

Application December 31, 1930, Serial No. 505,821
18 Claims. (Cl. 188—218)



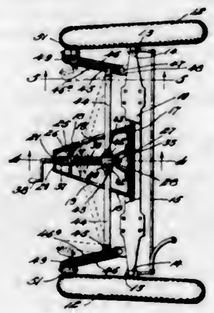
1. A pressed sheet metal brake drum comprising an annular braking flange of substantially uniform thickness throughout and provided with attaching means, said braking flange having between its edges distorted portions correspondingly affecting both the inner and outer faces of the flange, and disposed in lines extending circularly around the flange to stiffen the flange, said distorted portions having perforations therein extending entirely through the flange and located at intervals around the same and an annular friction lining fitting a face of the braking flange, and having portions extending into and fitting the distorted portions of said braking flange and the perforations therein.

2,126,946

SAFETY DEVICE FOR AUTOMOBILES

Daniel W. Burt, Providence, R. I.

Application June 15, 1937, Serial No. 148,334
7 Claims. (Cl. 280—87)



1. In an automobile having an axle, wheels, and tires on the wheels, the combination of a housing fixed at one end to an intermediate portion of the axle and provided with lateral slots, a screw member rotatably supported in the housing, a collar loosely mounted upon the screw member, levers

pivotally attached to the axle and movable to and from the tires, and bracing rods upon the collar extending through the slots engaging intermediate portions of the levers.

2,126,947

FOOD PRODUCT AND PROCESS OF MAKING

Emory L. Cocke, Atlanta, Ga.

No Drawing. Application December 7, 1936, Serial No. 114,643
2 Claims. (Cl. 99—2)

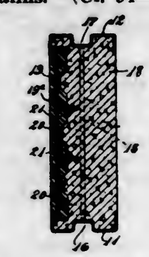
1. In a method of producing a stock food, steaming citrus fruits to soften and explode the pulp cells therein, and simultaneously inverting the sucrose therein to dextrose and levulose by heating, and adding dietary minerals thereto, utilizing the steaming to impregnate the pulp having the broken cells as a result of the steaming.

2,126,948

PAVING UNIT

Harry Dewhirst, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application August 17, 1935, Serial No. 36,675
2 Claims. (Cl. 94—15)



1. A composite paving slab suitable for railway crossings and the like comprising, in combination, a concrete base element, a pressed surface body of tough, resilient, slightly flowable material comprising unvulcanized rubber composition, a reinforcement embedded in said body and means at the adjacent faces of the body and base element for resisting movement of the material of said body with relation to the base element, and a metallic frame at the sides of the base element and surface body and having an inturned margin overlying the margin of the surface body.

2,126,949

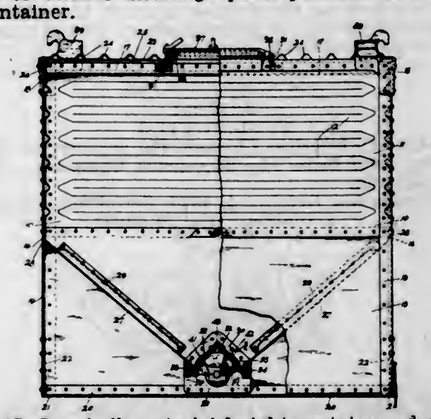
RAILWAY CONTAINER

Frank Ditchfield, Cleveland, Ohio, assignor to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio

Application May 23, 1935, Serial No. 23,001
17 Claims. (Cl. 294—69)

2. Freight transportation means for bulk materials comprising a bottom, a plurality of adjacent discharge ports formed in the bottom of said means and closures for controlling said ports, said closures being mounted upon a single shaft for simultaneous rotation by operation of said shaft in the same direction when opening and when closing said ports.

15. As an article of manufacture a closure means for a freight container for transporting bulk materials comprising integrally formed convex members, a discharge opening between said members and longitudinally spaced radial ribs extending from said convex members, said closure means being adapted to be rotatably mounted to control discharge ports provided in said container.



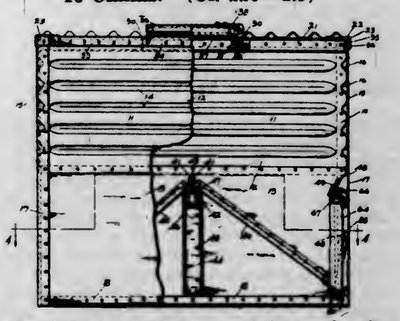
17. In a bulk material freight container adapted to be transported in freight cars and the like having side and end walls, a closed top, spaced downwardly converging slope sheets and lift devices secured to the upper portion of said container for engagement by lifting mechanism for handling said container, said slope sheets terminating above the base of said container and providing a discharge opening located between said walls of said container, a shaft carried by said container below said discharge opening and above said base, a rotatable closure mounted upon said shaft, said closure having a convex wall positioned above said shaft and below said opening for closing the latter, said closure being manually rotatable independently of the mechanism for lifting said container and being capable of shutting off the flow of material from said container, said closure moving toward the base of said container when rotated to permit discharge of the material, and means on said container for preventing said closure from projecting below the base of said container when in full open position.

2,126,950

MATERIAL TRANSPORTING MEANS

Frank Ditchfield, Cleveland, Ohio, assignor to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio

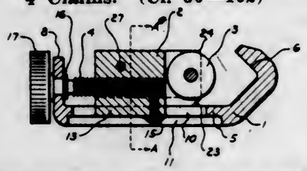
Application August 24, 1935, Serial No. 37,715
16 Claims. (Cl. 220—1.5)



14. A transportation container having a metallic body including side and end walls and a door opening formed in one of said walls, a hinged metallic door for closing said opening, a lock carried by said container body adjacent the bottom of said container, said lock being adapted to be operated to engage and lock said door, said

lock being so located and arranged on the container body as to be acted upon by the support upon which the container is placed and be moved to engage and lock said door.

2,126,951
TUBE CUTTER
August C. Dobrick, Chicago, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill.
Application October 4, 1935, Serial No. 43,561
4 Claims. (Cl. 30—102)



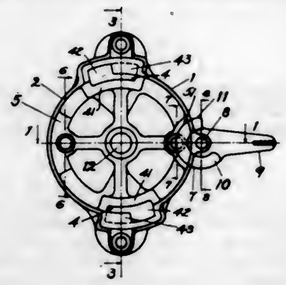
2. A tube cutting tool of the nature disclosed combining a frame, a cutting disc, a carriage for the cutting disc having a screw for propelling said carriage and a sliding surface on said carriage adjacent said frame, means for securing said carriage to and guiding it positively along said frame, said carriage having a nominally U shaped head for supporting the cutting disc, one leg of said U being heavy and unyielding to support the disc, the other leg being lighter and flexible to permit movement, a shaft for mounting said disc rotatable in the flexible leg and threadable into the other leg whereby to adjust the space between said legs to snugly accommodate said disc.

2,126,952
HYDRATION OF OLEFINES
Henry Dreyfus, London, England
No Drawing. Application November 26, 1932, Serial No. 644,491. In Great Britain December 22, 1931
9 Claims. (Cl. 260—614)

1. Process for the hydration of olefines which comprises contacting an olefine with water vapor at an elevated temperature and under superatmospheric pressure in the presence of a catalyst comprising essentially a salt of an acid character having a high affinity for water selected from the group consisting of sulphates and chlorides of acid character.

2,126,953
BRACKET
Charles I. Earll, York, Pa.
Application August 12, 1935, Serial No. 35,796
1 Claim. (Cl. 191—85)

In a trolley retrieving device, the combination with a mechanism adapted to take in and pay out a trolley pole rope, comprising a supporting bracket one side of which is adapted to be secured to a vehicle, the other side of said bracket having an outwardly extending wall adapted to receive a trolley retrieving case, said bracket having a bayonet slot joint receiving means for said casing in the form of oppositely disposed recesses in said wall for receiving a pair of correspondingly outwardly extending lugs carried by said casing, means extending over a portion of said recesses for retaining said casing in axial relation with said bracket and for securing said casing to said bracket, a pin located in said wall equally distant between said recesses, a cam pivotally connected on said pin, a bearing surface on said bracket inside the bracket wall and opposite said cam and means for rotating said cam between said bracket and casing, whereby said casing is

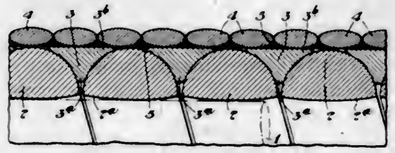


slightly tilted pressing the casing against the said bearing surface for locking the casing against rotation in said bracket.

2,126,954
METHOD OF STABILIZING COATING ON ALUMINUM
Junius D. Edwards, Oakmont, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application June 3, 1935, Serial No. 24,717
12 Claims. (Cl. 148—6)

7. A method of stabilizing an oxide coating produced on an aluminum surface by anodic oxidation in a sulfuric acid electrolyte without substantially modifying the appearance of said oxide coating comprising subjecting said oxide coated surface to the action of a phosphate solution having a pH of about 3 to 8.

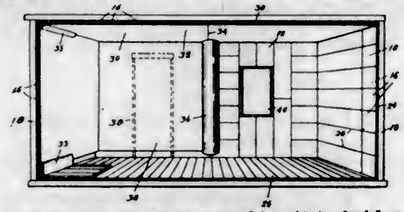
2,126,955
FLEXIBLE CONDUIT
George A. Gleason, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application April 19, 1935, Serial No. 17,325
3 Claims. (Cl. 64—3)



1. A flexible conduit including a short-pitched helical coil of half-round wire having its flat face inside, T-wire wound over said coil with its stem portion extending inwardly between the convolutions of said half-round wire and its head portion extending at least slightly above said convolutions and wires tightly laid with a relatively long pitch over said T-wire so as to contact said head portion and continuously force said T-wire inwardly.

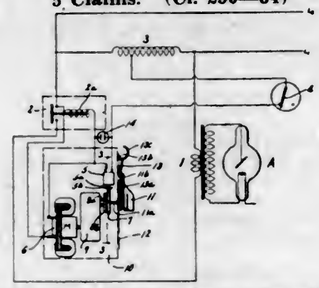
2,126,956
WALL CONSTRUCTION
Royce W. Gilbert, Brookline, Mass.
Application April 7, 1936, Serial No. 73,084
19 Claims. (Cl. 72—16)

1. A room wall comprised of a multiplicity of juxtaposed blocks providing a jointed wall face, and a broad thick felted wall facing sheet attached to the wall face by a cement which forms a hard stiff sheet that stiffens the inner surface



of said facing sheet and enables it to bridge over depressions and joints in the wall face.

2,126,957
TIMING MEANS FOR X-RAY APPARATUS
Edwin R. Goldfield, University Heights, Ohio, assignor, by mesne assignments, to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio, a corporation of Ohio
Application January 2, 1937, Serial No. 118,756
5 Claims. (Cl. 250—34)



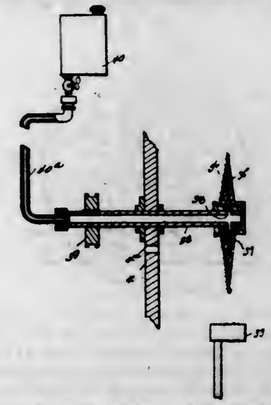
1. Apparatus for the purpose described, comprising an X-ray tube, operator-operated exposure switch means, time limit means, and means interassociating said tube and exposure switch means and time limit means in a manner to provide operation of said tube in successive periods responsive to said exposure switch means, to provide metering operation of said time limit means only during tube operation, and to provide operation of said time limit means to prevent said tube operation beyond a predetermined total time attained during said periods.

2,126,958
PROCESS FOR PRESERVING FRESH FRUITS
Jatindra N. Guha, Los Angeles, Calif., assignor to Hazara S. Hateshi, Los Angeles, Calif.
No Drawing. Application May 4, 1935, Serial No. 19,904
6 Claims. (Cl. 99—154)

1. A method of treating fruit and vegetables to substantially sterilize the same without injury, which comprises: gradually intermixing predetermined quantities of an acid and a solution containing a hypochlorite, and subjecting fruit and vegetables to vaporous products of reaction released by said intermixing and containing hypochlorous acid gas whereby mold decay is inhibited and the fruit virtually sterilized without injury to the fruit.

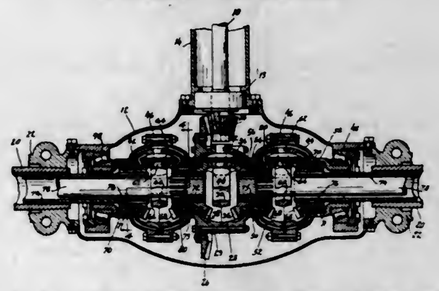
2,126,959
MOISTENING DEVICE
John Merlin Heuer, Yoder, Wyo.
Application June 19, 1933, Serial No. 676,584
2 Claims. (Cl. 299—63)

1. An air-moistening means comprising a hollow drive shaft, a hub on the drive shaft formed with perforations communicating with the interior thereof, a wire screen member on the hub having a disc-like formation and extending about the hub and outwardly therefrom, a fabric member secured on the hub and to the wire screen



member and of approximately the same shape as the wire screen member and designed to receive moisture through the perforations in the hub from the hollow drive shaft, and means for actuating the drive shaft to rotate the hub, screen and fabric assembly.

2,126,960
INDEPENDENT DUAL WHEEL DRIVE
James F. Higbee, Detroit, Mich.
Application September 28, 1936, Serial No. 102,835
6 Claims. (Cl. 180—22)

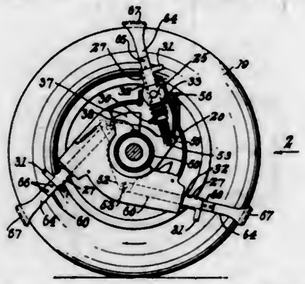


1. A motor vehicle having a drive shaft, a primary differential having a casing coupled with the drive shaft and having a pair of differential gears, each having a hub mounted within the casing, a pair of secondary differentials each having a casing coupled with the hub of one of the primary differential gears, each secondary differential including a pair of differentially driven gears within the casing, a housing enclosing the primary and secondary differentials, an axle housing secured to each end of the differential housing, a pair of independently rotatable dual road wheels mounted upon each axle housing, and an axle shaft coupling each secondary differential gear with one of the road wheels mounted upon the outer housing.

2,126,961
TRACTION DEVICE FOR AUTOMOBILES
Ralph Hodgkinson, Worcester, Mass.
Application June 8, 1936, Serial No. 84,046
20 Claims. (Cl. 301—47)

1. A traction increasing device for an automobile having a wheel and tire comprising a casing

loosely mounted for rotation concentric with the wheel axis, a plurality of spaced outwardly extending plungers mounted in said casing and having traction plates at their outer ends overlying the tire on said wheel, a friction arm for each plunger movable angularly about the axis



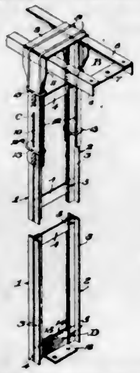
of said plunger to engage the tire, a second arm connected to each friction arm, a device movable to a position to engage said second arms and to move said friction arms out of engagement with said tire, and manual means to position said device.

2,126,962

FIREPROOF STUDDING

William G. Hurlbert, Jr., Niles, Ohio, assignor to The Bostwick Steel Lath Company, Niles, Ohio, a corporation of Ohio

Application January 18, 1937, Serial No. 121,223
4 Claims. (Cl. 72—115)



4. A steel stud building structure, comprising in combination, a vertical stud, a horizontal ceiling track, and a coupling clip comprising a flat re-inforced web having offset parallel legs, the side edges of said legs at a point beyond the track turned inwardly to form a channel for receiving the chords of the stud, and means for securing the channel portions of the legs to the stud.

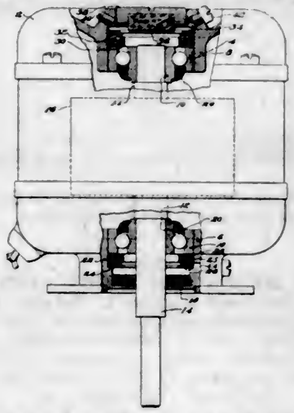
2,126,963

BALL BEARING MOTOR

Carlton L. Kennedy, Braintree, Mass., assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass., a corporation of Massachusetts

Application November 22, 1935, Serial No. 51,120
4 Claims. (Cl. 308—184)

1. A motor having, in combination, a vertical frame, a vertical shaft, ball bearings at top and bottom of the frame, each having an outer race slidingly received in the frame, a ring supported by the frame and supporting the lower race, said ring comprising a layer of resilient sound-insulating material, a ring of resilient sound-insulating material engaging the end of the upper



race, a plate above the ring, a plug of resilient material above the plate, and a screw cap to apply adjustable axial pressure to the plug.

2,126,964

PRINTING ANIMAL FIBERS

Max Kerth, Bad Soden in Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 8, 1937, Serial No. 124,788. In Germany February 11, 1936
8 Claims. (Cl. 8—5)

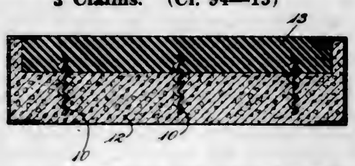
1. In the process of printing a vat-dyestuff printing on animal fibers and textiles containing animal fibers the step which consists in using as alkaline substance necessary for the printing process an amino-compound of the group consisting of ethylenediamine, polyethylenediamines, hydroxy-ethyl-polyethyleledia-mines, triethylenetetramine, hydroxy-ethylhexamethylenetetramine and the urea-condensation products of hydroxyalkylamino-compounds obtained by the action of an alkyleneoxide on an organic compound containing at least two amino-groups.

2,126,965

COMPOSITE PAVING SLAB

Charles W. Leguillon, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application July 28, 1936, Serial No. 92,992
3 Claims. (Cl. 94—15)



1. A composite paving slab comprising, in combination, a stiff backing, a surface layer of tough, resilient material comprising rubber composition, said material being resiliently yieldable under the pressure wave of a vehicle moving upon it, and anchoring members comprising helical convolutions of resilient metal embedded in the stiff backing at positions spaced apart in all directions and extending into the said surface layer, the portions of the anchoring members within the said surface layer being resiliently yieldable by virtue of their helical form and resiliency to maintain the anchorage despite flexure of material of the surface layer in any direction.

2,126,966

CLAMPING RING AND METHOD OF MAKING SAME

William Lockhart, Cleveland, Ohio, assignor to Cornell Securities Corporation, Cleveland, Ohio, a corporation of Delaware

Application September 14, 1936, Serial No. 100,597
6 Claims. (Cl. 220—61)



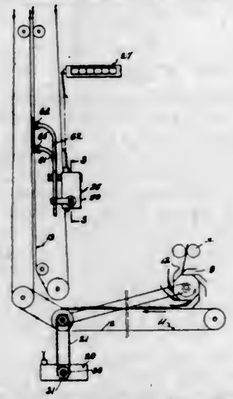
1. In a device for clamping a cover on a receptacle, a split contractible clamping ring having portions engageable with the cover and receptacle to press the same together in sealed relation when the ring is contracted, and means for contracting and expanding the ring including an actuating lever pivotally connected with one end of the ring and a connecting member pivotally connected with the other end of the ring and with said lever, said connecting member comprising a link of substantially arcuate form and having a portion intermediate its ends providing a bearing surface for sliding engagement with and in a plane of one of said ring ends.

2,126,967

NEWSPAPER COUNTING APPARATUS

Charles E. Lyons, Brookline, Mass.

Application November 9, 1937, Serial No. 173,589
7 Claims. (Cl. 271—63)



1. Apparatus of the class described comprising a conveyor for receiving papers from a press, a circuit-closing device operable in synchronism with the conveyor, an electrically actuable mechanism, a circuit connecting the mechanism and the circuit-closing device, and a control device associated with the said circuit including a switch means responsive to the passage of papers along the conveyor for conditioning the circuit so that electrical impulses can pass from the circuit-closing device to the mechanism to actuate the latter, said control device comprising two elements adapted to contact spaced portions of a paper moving along the conveyor and control two switches arranged in series in the circuit so that the circuit may be closed for actuation of the mechanism only when each of said elements is being contacted by a paper.

2,126,968

JEWELRY

Jesse Mohel, New York, N. Y., assignor to Mohel & Mario, Inc., New York, N. Y.

Application June 24, 1937, Serial No. 150,180
1 Claim. (Cl. 63—2)



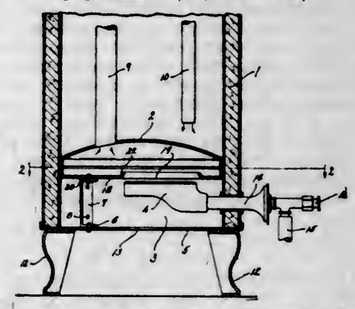
An article of jewelry comprising a carrier, said carrier being of spring material and being struck to provide a slot and an elongated finger extending longitudinally in the slot and in spaced relation to the edges thereof, a jewelry piece having an elongated socket member on one side thereof through which the finger is disposable, the walls of the socket lying between the finger and the edges of the socket so that the back surface of the jewelry piece is held in contact with the front surface of the carrier by the tension of said finger, said finger having a backwardly disposed head portion, said head portion being adapted to overlap the adjacent end of the socket member to prevent displacement of the jewelry piece from the finger.

2,126,969

SEPARATOR FOR UNDERFIRED DOMESTIC WATER HEATERS

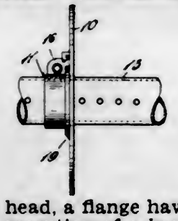
Clarence H. Morrow, Shaker Heights, Ohio, assignor to The Hotstream Heater Company, Cleveland, Ohio, a corporation of Ohio

Application September 24, 1934, Serial No. 745,224
3 Claims. (Cl. 126—350)



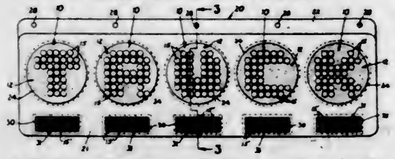
1. In an underfired domestic water heater, a container for the water to be heated, wall means providing a substantially closed chamber below said container, a burner in said chamber, and a transversely disposed separator in said chamber adjacent said burner and provided with an opening therefor, said separator separating said chamber into a products of combustion compartment above said burner and a secondary air compartment below said burner, said wall means being provided with a secondary air inlet, the cross-dimensional size of which is materially less than that of said chamber.

2,126,970
RIBLESS BEAM HEAD
Frank Mossberg, Attleboro, Mass.
Application March 11, 1937, Serial No. 130,255
3 Claims. (Cl. 242—124)



1. In a beam head, a flange having an opening therein for the reception of a barrel, a hub contacting the outer surface of the flange for embracing the barrel and having ears extending outwardly from the center and in a plane at right angles to said flange, said ears having a recess spaced from the flange, and a member fixed to said flange and having a portion extending into said recess and over a portion of the stock of said ears to hold the hub and ears against said flange.

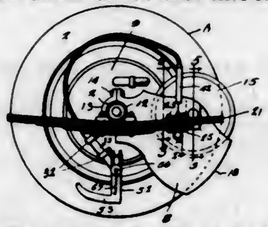
2,126,971
REFLECTOR
Raymond H. Osbrink, Los Angeles, Calif., assignor to Osbrink-Love, Inc., Los Angeles, Calif., a corporation of California
Application December 4, 1935, Serial No. 52,790
3 Claims. (Cl. 40—130)



3. A light reflector including a glass body portion having a plurality of closely arranged projecting convex lens protuberances arranged in rows on one face thereof to form characters and a plurality of closely arranged projecting convex lens protuberances also arranged in rows on the other face of said body opposite said first mentioned face, said protuberances on one face being aligned in pairs with those on the other face, said protuberances on both faces of the body being spaced apart from each other, said body including a dark coating between said first mentioned protuberances, said other face of said body having a reflecting coating thereon covering said second mentioned protuberances, a coating of opaque material overlaying said reflecting coating.

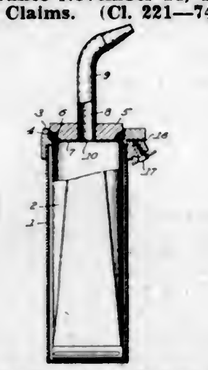
2,126,972
AUTOMOBILE JACK MECHANISM
Frederick F. Peters and Charles A. Stenger, Glennonville, Mo.
Application December 31, 1937, Serial No. 182,873
4 Claims. (Cl. 254—86)

1. A jack unit for a wheel and tire of an automobile comprising a jacking shoe pivotally mounted on a fixed part of the automobile for limited swinging movement about the axis of said wheel in opposite directions into and from forward and rearward downwardly inclined positions, respectively, clear of the ground, said shoe having a curved outer end extending in the inflated condition of the tire beyond the periphery thereof whereby said end is adapted for rolling engagement with the ground between limits of movement of the shoe to temporarily elevate the tire off the ground, a wheel rotatably mounted on said shoe for engagement with the ground under swinging movement of the shoe into its rearward



position and sustaining the tire and wheel in elevated position in said rearward position of the shoe, and means to releasably lock the shoe in forward position and operative to release the same by rotation of the tire in a partially deflated condition.

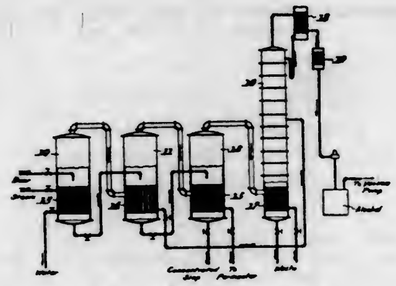
2,126,973
APPARATUS FOR EMPTYING FLEXIBLE WALLED PACKAGES OF VISCOUS MATERIALS
Emile Piquerez, Saint Cloud, France
Application November 7, 1935, Serial No. 48,758
In France November 14, 1934
11 Claims. (Cl. 221—74)



2. In combination, a container for lubricant with rigid end provided with a discharge opening and lateral walls of collapsible material and a compressible bulging part around the circumference of the rigid end, a rigid casing for enclosing the container, a movable cover for said casing, said cover being provided with a central discharge opening, the upper part of the casing having a groove for supporting and centering the bulging part of the container in the casing, the circumference of the cover having a groove for centering the latter on the container and pressing the said bulging part, means for locking the cover on the receptacle, the groove of the cover being arranged in such a manner that, on locking, the lower face of the cover is applied on the end of the container, and means for introducing a fluid under pressure into the casing between the wall of the latter and the container.

2,126,974
RECOVERY OF PRODUCTS OF FERMENTATION
Gustave T. Reich, Philadelphia, Pa.
Application November 3, 1936, Serial No. 109,027
10 Claims. (Cl. 202—45)

8. A method of recovering volatile constituents of liquid mixtures which comprises heating the liquid to vaporize a substantial proportion of the volatile constituents thereof and utilizing the heat of condensation of said vaporized volatile



constituents to effect the rectification of condensed volatile constituents by indirect heat exchange with the condensed volatile constituents under a pressure lower than the pressure of the vaporized volatile constituents.

2,126,975
XANTHATION OF CELLULOSE
George A. Richter, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine
No Drawing. Application June 15, 1937, Serial No. 148,304
9 Claims. (Cl. 260—100)

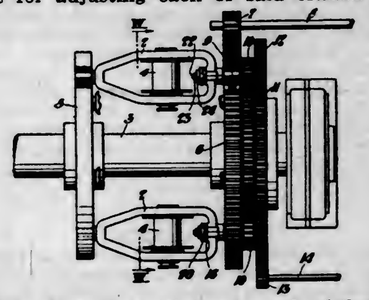
1. A process of xanthating cellulose, which involves admixing carbon bisulphide with cellulose and caustic soda solution in contact with a liquid ketone miscible with both the carbon bisulphide and the caustic soda solution.

2,126,976
XANTHATION OF CELLULOSE TO FORM VISCOSE
George A. Richter and Everett W. Lovering, Berlin, N. H., assignors to Brown Company, Berlin, N. H., a corporation of Maine
No Drawing. Application July 14, 1937, Serial No. 153,688
10 Claims. (Cl. 260—100)

1. In a process involving the formation of viscose by the admixture of cellulose, caustic soda solution, and liquid carbon bisulphide, that improvement which comprises dissolving in said liquid carbon bisulphide a material, which is soluble therein, of a specific gravity and in an amount to yield a carbon bisulphide solution of a specific gravity approximating that of said caustic soda solution admixed therewith in the formation of said viscose.

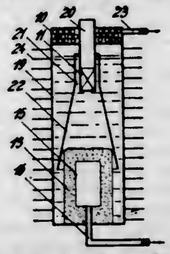
2,126,977
CRADLE ADJUSTMENT FOR STRANDING MACHINES
David S. Robbins, Worcester, Mass., and Albert C. Uihlein, New Haven, Conn., assignors to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application April 15, 1938, Serial No. 202,330
8 Claims. (Cl. 117—46)

1. In combination with a wire stranding machine of the planetary type having a plurality of cradles concentrically arranged therein, each of said cradles having a shaft for driving the same, means for adjusting each of said cradles in a



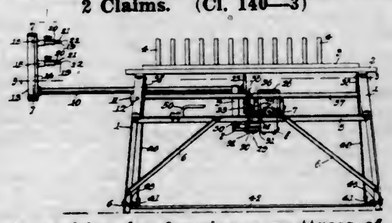
plurality of positions relative to each of their respective shafts.

2,126,978
REFRIGERATION MACHINE
Ernst Sander, Dessau, Germany
Application May 25, 1934, Serial No. 727,563
In Germany May 31, 1933
6 Claims. (Cl. 62—119)



5. An absorption device for refrigeration installations, comprising a vessel containing a liquid and having an outlet at the top thereof for the refrigerating medium, a heating device in the vessel, a tubular body in the vessel and surrounding the heating device in spaced relation therewith, means in the lower part of the vessel into which the refrigerating medium returns to the vessel, said means being composed of a material which will permit the passage therethrough of the refrigerating medium as a gas but prevent the passage therethrough of any water, and a filter at the top of the vessel to prevent the passage of any water with the refrigerating medium.

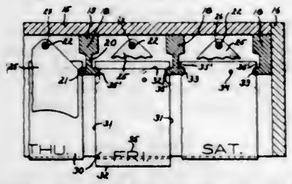
2,126,979
MACHINE FOR MAKING SPRING MATTRESSES AND THE LIKE
Paul Sappington, Los Angeles, Calif., assignor of one-half to J. C. Rosenthal, Los Angeles, Calif.
Application May 21, 1937, Serial No. 144,056
2 Claims. (Cl. 140—3)



1. A machine for forming a mattress of rows of cushioning springs joined by connecting springs, said machine including a structure for

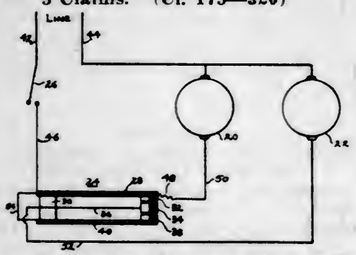
supporting parallel rows of cushioning springs, a carriage mounted for back and forth movement on said structure, and means operating independently of the carriage for rotating a connecting spring, said means including a motor, gripping means, reversible friction gearing for transmitting motion from the motor to the gripping means, and means under the control of the operator for shifting the friction gearing into reverse while the carriage is in any position within the structure.

2,126,980
TAG DEVICE
Hartley M. Sears, Pasadena, and Sam Rothenberg, Los Angeles, Calif., assignors, by direct and mesne assignments, of one-half to Harry S. Lipton and one-half to said Hartley M. Sears
Application December 2, 1936, Serial No. 113,778
3 Claims. (Cl. 40—20)



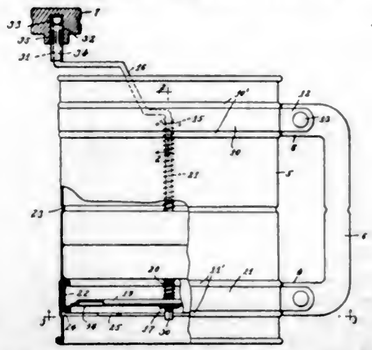
1. In a tag for marking articles to be cleaned, said tag being made of cloth having sizing thereon to render the tag flexible and resilient, said tag including sides and ends, each of said sides adjacent one end of the tag having a notch therein, each of said notches being slightly spaced from the adjacent end of the tag whereby a resilient tongue is provided between each notch and the end of the tag, said resilient tongue being adapted to hold the tag against accidental removal from a holder.

2,126,981
CONTROL APPARATUS
Henry A. Van Dyke, Columbus, Ohio, assignor to Ranco Incorporated, Columbus, Ohio, a corporation
Application March 12, 1937, Serial No. 130,577
5 Claims. (Cl. 175—320)



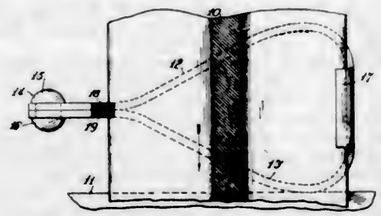
1. A control system for energizing a plurality of energy translating devices in a sequence comprising, a switch for energizing one of said devices; a second switch operable to energize a second of said devices; electrically heated thermal responsive means affected by the current traversing the said first energy translating device, said thermal responsive means, after a predetermined period, causing said second switch to operate for energizing the second device; and means operated by the thermal responsive means for limiting the temperature of the thermal responsive means and for maintaining said limited temperature at a substantially constant value.

2,126,982
FLOUR SIFTER
Charles Andrews and Wilbur Hannon, Rockford, Ill., assignors to The Washburn Company, Worcester, Mass., a corporation of Massachusetts
Application March 29, 1935, Serial No. 13,686
5 Claims. (Cl. 209—358)



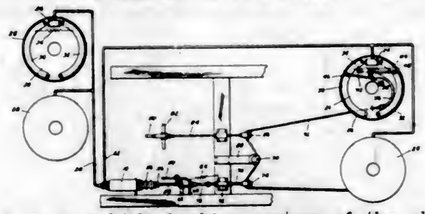
1. In a sifter having a vertically disposed rotary drive shaft, the combination of a substantially cylindrical sheet metal body open at the top and bottom, a cross-member within said body adjacent the top thereof providing bearing support for the shaft and having end portions extending through and secured to the side walls of said body, a handle having an end portion to be fastened to said body, and a sheet metal handle mounting hand secured to said handle and encircling the body in substantially the same plane with the aforesaid cross-member and covering the projecting end portions thereof to conceal the same.

2,126,983
RAIL ANCHOR
Rolandis A. Blair, Columbia City, Ind.
Application October 10, 1935, Serial No. 44,323
7 Claims. (Cl. 238—330)



1. In a rail anchor, the combination of two cross bar members connected together in the form of a loop closed at both ends, jaw members carried by the loop at opposite end portions thereof and rising above the level of the loop in position to be brought into tight gripping engagement with the opposite edges of the flange of a rail when applied thereto by a slight elongation of the anchor against the force of the elasticity of the bowed side portions of the loop, and a pin through the anchor at one end portion thereof serving as a bearing for the application of pressure to the anchor for applying it to or removing it from a rail, the upper end portion of the jaw member adjacent to said pin being beveled outwardly and upwardly so as to have a camming action on the edge of the flange of a rail for the application of the device to the rail.

2,126,984
BRAKE FOR MOTOR VEHICLES
Clarence H. Bock, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application November 29, 1935, Serial No. 52,003
4 Claims. (Cl. 188—106)



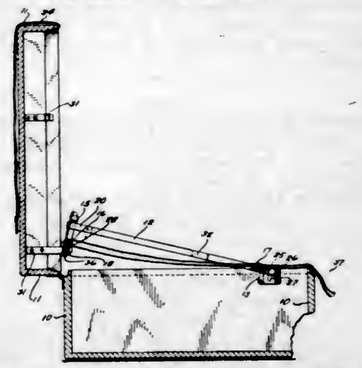
1. In a vehicle braking system of the class described, the combination of a rotatable drum, a braking element for co-operation therewith, a fluid motor for applying said braking element, mechanical means for applying said braking element, cable means operatively connected to said mechanical means, a hydraulic compressor spaced from said cable means, a brake-actuating pedal for operating said element through said fluid compressor or said cable means, a link extending forwardly from said pedal to said compressor, linkage extending backwardly from said pedal to said cable means, said linkage including a lost-motion connection whereby operation of said pedal normally operates said element hydraulically, and a hydraulic connection between said compressor and said motor.

2,126,985
FUEL INJECTION PUMP
Tracy V. Buckwalter, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application February 1, 1935, Serial No. 4,442
13 Claims. (Cl. 103—41)



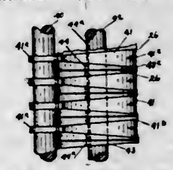
1. A fuel injection pump comprising a housing, a cylinder therein, a piston reciprocable in said cylinder and projecting therebelow, a sleeve member rotatably mounted in said housing concentric with said cylinder, a tappet cup member secured to the projecting portion of said piston below and in endwise alinement with said sleeve, and a tappet for actuating said tappet cup, the wall of one of said sleeve and tappet cup members having circumferentially spaced longitudinal extensions that engage correspondingly spaced recesses in the other of said members, so as to permit relative axial movement but prevent relative rotary movement of said members.

2,126,986
WARDROBE CASE
Arthur Burger, New York, N. Y.
Application December 28, 1935, Serial No. 56.582
4 Claims. (Cl. 190—41)



1. A wardrobe case comprising a bottom portion, a cover hinged thereon and a clothes rack adapted to fit into the cover with clothes folded thereon and to hold the clothes hanging therefrom when it is held upright, studs on the sides of the rack near its top, adapted to hold the top end of the rack in the back of the cover, studs on the sides of the rack near its bottom adapted to hold it in the front of the bottom portion and a latching stud near at least one of the studs at the bottom of the rack; brackets in the cover at opposite sides near each of its four corners adapted to position the rack in the cover, the brackets near the hinge being slotted in a direction longitudinal of the cover so that with the cover open the studs may be inserted downwardly therein and the brackets near the front of the cover having spring latch members to hold the rack removably therein, and brackets near the front of said bottom portion having slots transverse to the bottom adapted to receive the studs near the bottom of the rack and at least one of said brackets on the bottom portion having a second slot transverse to the first and with a notch in its bottom adapted to receive the latching stud and thereby to hold the rack in upright position against collapsing in either direction.

2,126,987
BREAD SLICING MACHINE
Harry J. Criner, Davenport, Iowa, assignor of one-half to A. G. Bush, Davenport, Iowa
Application October 30, 1937, Serial No. 171.866
10 Claims. (Cl. 146—88)



1. In a bread slicing machine, a frame, a plurality of slicing blades mounted to travel thereon, a boss united to the frame, a threaded shaft slidingly mounted in said boss, nuts threaded upon the shaft at the upper and lower ends of the boss, upper and lower hubs detachably mounted upon the ends of said shaft respectively, a stationary crossbar and a rotatable crossbar secured in each of said hubs respectively and extending transversely of the machine parallel to the slicing plane

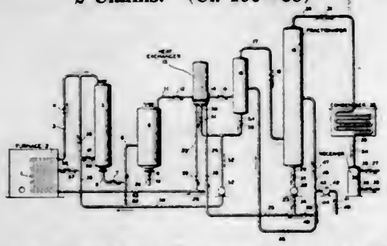
of the blades, a plurality of uniform spacing members slidably mounted upon the fixed shafts respectively to space and guide the blades, and a plurality of uniform circular wedge members keyed to and slidable upon the rotatable shaft respectively in contact with the spacing members adapted to spread said spacing members uniformly when the shaft is rotated in a certain direction.

2,126,988

CONVERSION OF HYDROCARBON OILS

Alvin Engelstein, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application October 8, 1934, Serial No. 747,272
2 Claims. (Cl. 196—58)



1. A hydrocarbon oil conversion process which comprises heating reflux condensate, formed as hereinafter set forth, to cracking temperature under pressure while flowing in a restricted stream through a heating coil, subsequently separating the resultant heated products into vapors and residue, partially condensing the vapors by indirect heat exchange with said reflux condensate prior to introduction of the latter to the heating coil and by direct contact with relatively heavy charging oil for the process, thereby preheating the reflux condensate and partially distilling the charging oil, combining condensate formed by said indirect heat exchange with the unvaporized portion of the charging oil and introducing the resultant mixture to said coil at an intermediate point in the flow of the reflux condensate therethrough, fractionating the vapors uncondensed by said partial condensation to separate insufficiently cracked fractions thereof, passing such separated insufficiently cracked fractions in indirect heat exchange with the first-named vapors and thence to the heating coil as said reflux condensate, and finally condensing the fractionated vapors.

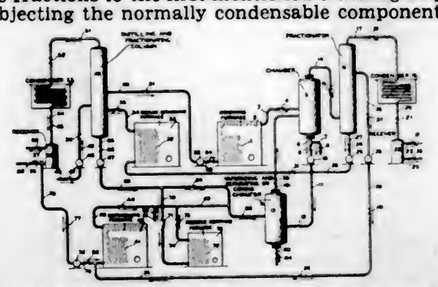
2,126,989

CONVERSION OF HYDROCARBON OILS

Alvin Engelstein, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application March 26, 1936, Serial No. 70,910
16 Claims. (Cl. 196—49)

1. In a process for the pyrolytic conversion of hydrocarbon oils wherein oil of relatively low-boiling characteristics, recovered from within the system, is subjected to conversion conditions of cracking temperature and superatmospheric pressure, the resulting vaporous and residual liquid conversion products separated, the vapors subjected to fractionation for the formation of reflux condensate, fractionated vapors of the desired end-boiling point subjected to condensation and the resulting distillate recovered, the improvement which comprises separately subjecting reflux condensate formed by said fractionation to independently controlled conversion conditions of cracking temperature and superatmospheric pressure, commingling the resulting heated products with hydrocarbon oil charging stock for the process, separating the commingled materials, by vaporization and fractionation, into selected relatively low-boiling, intermediate and high-boiling fractions, supplying said intermediate fractions to the first mentioned cracking step, subjecting the normally condensable components



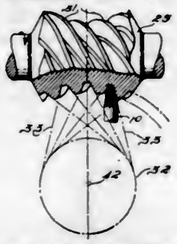
of said low-boiling fractions to reforming conditions of high cracking temperature and superatmospheric pressure, commingling the resulting highly heated products with said high-boiling fractions whereby to reduce the latter to coke in a coking zone, and supplying vaporous products from the coking zone to the separating stage of the first mentioned cracking step.

2,126,990

METHOD OF MACHINING A WORM ELEMENT

Grover C. Graves, Detroit, Mich., assignor to Otto Lundell, Detroit, Mich., and George R. Scott, Norfolk, Va.

Application September 13, 1934, Serial No. 743,796
13 Claims. (Cl. 90—3)



1. The method of finishing the helical sides of an element which includes the steps of, contacting a line on the side of the tool extending axially thereof and in a non-coplanar relation to the axis of the tool with a line on the helical side disposed in a plane through the axis of the element, rotating said element, and relatively advancing arcuately said tool and element in the plane through the axis of the element as the tool and element are rotated.

2,126,991

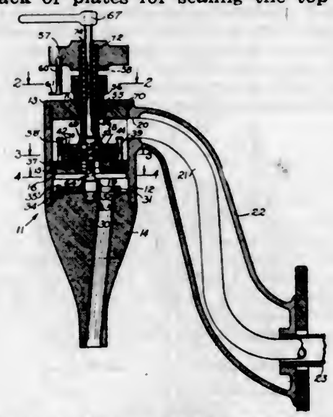
FLOW CONTROL FAUCET FOR BEER OR THE LIKE

Donald G. Griswold, Alhambra, Calif., assignor to Clayton Manufacturing Company, a corporation of California

Application June 27, 1936, Serial No. 87,739
8 Claims. (Cl. 225—6)

6. For use in combination with the draught means in a beer dispensing system, a flow controlling nozzle member embodying: a housing having an inlet connection and an inlet chamber at its upper end and an outlet connection and an outlet chamber at its lower end; partition means in said housing separating said chambers; a stack of thin plates mounted on said partition;

means associated with the individual plates in said stack for holding them in vertically spaced relation; said plates and said partition having a central passage therethrough; cover means on said stack of plates for sealing the top of said



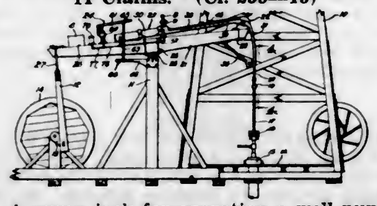
central passage from said inlet chamber; a valve in said outlet chamber; and an operating stem on said valve extending upwardly through said central passage through said cover member and through the top of said housing.

2,126,992

PUMP JACK

Jesse E. Hall, Bakersfield, Calif.

Application July 18, 1936, Serial No. 91,337
11 Claims. (Cl. 255—15)



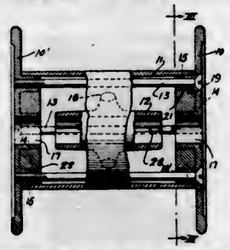
1. A pump jack for operating a well pump rod including, an oscillating element, means releasably connecting the rod with the element to be reciprocated thereby, and fluid pressure means for adjusting the rod when the first mentioned means is released.

2,126,993

SPOOL

Hilyard C. Howsam, Chicago, Ill., assignor to Hubbard Spool Company, Chicago, Ill., a corporation of Illinois

Application December 24, 1936, Serial No. 117,554
3 Claims. (Cl. 242—124)



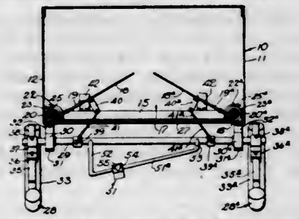
1. A spool structure of the class described comprising heads having each a cylindrical extension on its inner side, a barrel tube seating at its ends on said extensions to be held thereby concentric with said heads, an arbor receiving tube extending axially within said barrel tube between said heads and spaced at its ends from said heads, said barrel tube and said arbor receiving tube forming part of an integral structure, each head having an axial passageway in alignment with the arbor receiving tube bore for assisting said tube in aligning an arbor and holding the spool concentric thereon, and means for clamping said heads against the barrel tube ends.

2,126,994

AUTOMATIC DRAFT CONTROLLER

George J. Irsch and William B. Stephenson, Chicago, Ill.; said Irsch assignor to said Stephenson

Application November 14, 1934, Serial No. 752,973
20 Claims. (Cl. 236—19)



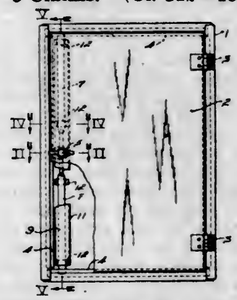
19. An automatic flue draft controller comprising, in combination, a wall defining a natural draft air inlet opening in direct communication with the atmosphere, two separate doors independently mounted side by side on generally vertical axes for swinging movement into and out of position to close said opening, and gravity responsive counterweight means mechanically connected jointly to both doors and tending to swing said doors in positive synchronism with said counterweight means and with each other toward closed position.

2,126,995

PANEL CABINET

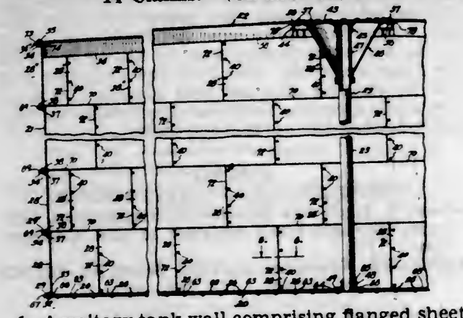
Ralph H. Kingdon, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application February 23, 1935, Serial No. 7,777
5 Claims. (Cl. 312—189)



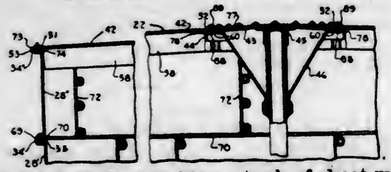
1. A sheet metal cabinet, a sheet metal door hingedly mounted at one edge on said cabinet, a stiffening plate extending along the opposite edge of said door on its inner face and rigidly secured thereto, a latching means on said door at the top and bottom thereof and adjacent said opposite edge, said edge being formed with a slight bow so that on closing the door the top and bottom will engage before the central portion thereof.

2,126,996
STORAGE TANK
Andrew A. Kramer, Kansas City, Mo.
Application March 30, 1934, Serial No. 718,219
14 Claims. (Cl. 220—75)



1. A unitary tank wall comprising flanged sheet metal sections having the flanges of adjoining sections arranged in face to face relation, headed securing means extending through said flanges at points spaced from the marginal edges thereof and clamping said flanges in close, face to face engagement, and a continuous weld integrally uniting the marginal edges of said flanges, said weld being spaced from said headed securing means.

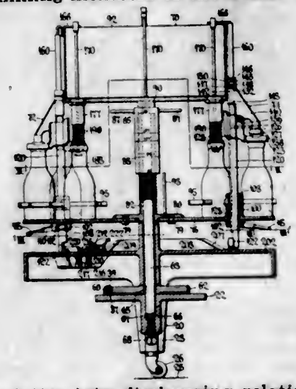
2,126,997
METHOD OF MAKING STORAGE TANKS AND SIMILAR WELDED STRUCTURES
Andrew A. Kramer, Kansas City, Mo.
Original application March 30, 1934, Serial No. 718,219. Divided and this application March 19, 1937, Serial No. 131,878
8 Claims. (Cl. 113—120)



1. The method of making a tank of sheet metal sections comprising assembling the bottom thereof and securing the sections comprising said bottom together with sufficient securing elements to hold said sections in assembled substantially fixed relation, building up the side wall portion thereof by substantially fixedly securing the sheet metal sections comprising said side wall portion to said bottom and to each other with sufficient securing elements to hold said wall in upright position and said sections in substantially fixed relation to each other, securing sections of the roof to a central support, to the top of said side wall portion and to each other with sufficient securing elements to hold said roof in position on said tank in substantially fixed relation to said side wall portion and the sections thereof to each other, and welding all said sections to each other, while said securing elements are in position, by continuous fluid tight welds after said tank has been completely erected.

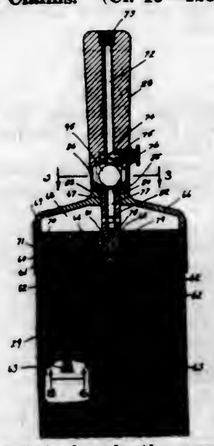
2,126,998
APPARATUS FOR FILLING AND CLOSING BOTTLES
Raymond B. Lewis and John Reuther, East Aurora, N. Y.
Application September 11, 1935, Serial No. 40,162
5 Claims. (Cl. 226—76)

1. A receptacle filling machine comprising a base, an upright central shaft rotatably mounted on the base, means for rotatably driving the shaft, a table rigidly connected to the shaft and constituting with the latter a shaft and table unit for supporting thereon a plurality of sets of receptacles to be filled, a plurality of sets of camming members carried by said base and unit, receptacle filling means including a movable nozzle, means for mounting said filling means on said shaft and table unit, means extending from one of said sets of camming members to the nozzle for actu-



ating the latter into discharging relation with a receptacle carried by the shaft and table unit and in response to rotation of the latter on said base, another of said sets of camming members including mechanism for bodily shifting the receptacles on said unit progressively into registering relation with said nozzle in response to rotation of said unit on said base and in timed relation with the nozzle actuating means whereby the latter and the bodily shifting mechanism are operable alternately.

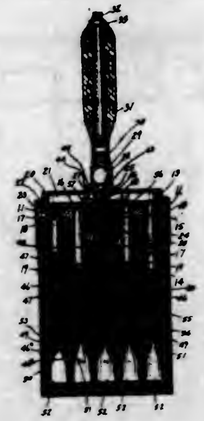
2,126,999
FOUNTAIN PAINT BRUSH DEVICE
Hollis Foster Mitchell, Indianapolis, Ind., assignor of twelve percent to William M. Clark, twenty-eight percent to William Emrich, Jr., and eight percent jointly to William M. Clark and William Emrich, Jr., both of Indianapolis, Ind.
Application March 21, 1936, Serial No. 70,092
3 Claims. (Cl. 15—128)



1. In a fountain brush, the combination with a base having a plurality of bristles projecting

therefrom and apertures therethrough, of flexible tubes supported by the base and each communicating with an aperture and extending from the base toward and terminating short of the bristles' free ends, said bristles completely enveloping the tubes, each tube having a passage therein of substantially uniform cross section throughout the length of the tube except with its free end flattened to form a flared mouth, the flattened end having a discharge area approximately that of the tube cross section, the several flattenings being substantially coplanar.

2,127,000
FOUNTAIN PAINT BRUSH
Hollis F. Mitchell, Indianapolis, Ind., assignor of twelve percent to William M. Clark, twenty-eight percent to William Emrich, Jr., and eight percent jointly to William M. Clark and William Emrich, Jr., both of Indianapolis, Ind.
Application March 20, 1937, Serial No. 132,004
10 Claims. (Cl. 15—128)

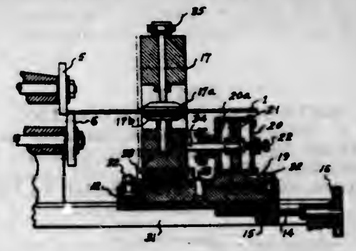


1. In a fountain brush, the combination with a base, bristles supported thereby, and a handle, of a flexible supply tube supported by the base and enclosed by the bristles and terminating short of the free end thereof, a detachable metal tip secured to the bristle end of the tube, said tip being flared outwardly at its free end, and flexible distributing tip means upon the bristle end of the tube and extending beyond the metal tip toward the bristle free ends and secured to the tube in the anchorage of the tip thereto.

2,127,001
TREATMENT OF HYDROCARBONS
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application February 27, 1936, Serial No. 66,065
3 Claims. (Cl. 196—10)

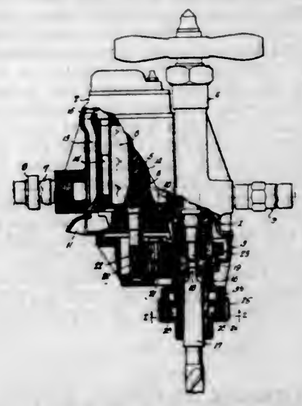
1. A process for producing iso-octene from a hydrocarbon gas mixture containing isobutylene and other polymerizable gaseous olefins, which comprises subjecting the mixture at a temperature of from 250 to 550° F. to the action of a mono-metallic-ortho-phosphate to selectively polymerize isobutylene from the mixture and separating the resultant polymer from the unpolymerized gases.

2,127,002
SHEARING DEVICE
Dan R. Murphy, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application November 11, 1937, Serial No. 174,093
10 Claims. (Cl. 164—63)



10. In a circular shearing device, a base, a pair of rotary knives mounted on said base, a table mounted on said base in such manner that the distance between said table and said knives may be varied, a support pivotally mounted on said table, a clamping device slidably mounted on said support, pneumatic means for urging said clamping device toward said knives, said last mentioned means comprising an air cylinder and a piston therein attached to said clamping device, the abutment of said piston against the head end of the cylinder serving to limit the extent of the slidable movement toward said knives, and means for limiting the movement of said clamping device away from said knives.

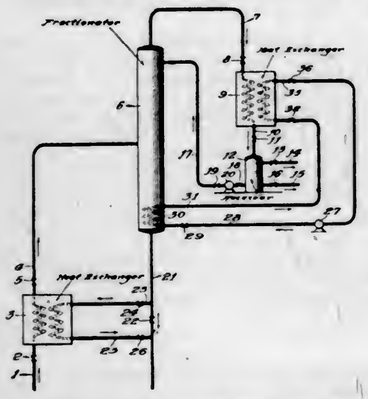
2,127,003
ANTISTALL CLUTCH FOR ROTARY TOOLS
William W. Nash, Aurora, Ill., assignor to Independent Pneumatic Tool Co., Chicago, Ill., a corporation of Delaware
Application December 31, 1936, Serial No. 118,562
4 Claims. (Cl. 77—6)



1. In a portable tool, a tool casing, a power operated rotary motor and a spindle journaled in said casing, a tool member connected to the spindle for rotation thereby, said motor having a driving connection with the spindle and constantly applying power thereto during the use of the tool, handle means secured to the tool casing for holding the tool while in use, and a one-way clutch device between the spindle and the tool casing, said clutch device having co-operat-

ing clutch means which connect the spindle to the tool casing on turning the tool by the handle means in the direction of rotation of the spindle by the motor whereby the handle means and the leverage afforded thereby may be employed to turn a stalled spindle when stalled by the tool member against the constantly applied power of the motor, said clutch means automatically releasing the spindle from the tool casing on the resumption of rotation of the spindle by the motor.

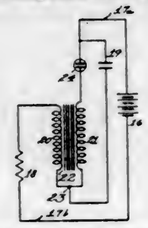
2,127,004
METHOD OF FRACTIONATION
Edwin F. Nelson, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 7, 1936, Serial No. 104,460
4 Claims. (Cl. 62—175.5)



1. An improved fractionating process which comprises subjecting a fluid mixture to fractionation in a fractionating column, continuously removing the more volatile constituents of said mixture as vapors from the upper portion of the fractionating column and withdrawing the heavier liquid constituents from the lower portion of the fractionating column, simultaneously compressing a refrigerating medium in a separate closed cycle thereby generating heat, passing the heated medium in indirect heat exchange with the fluid mixture in the bottom of the fractionating column, thereafter reducing the pressure on the refrigerating medium, passing the expanded and cooled refrigerating medium in indirect heat exchange with said more volatile constituents of the mixture removed as vapors from the top of the fractionating column and cooling and condensing the withdrawn more volatile constituents, recovering the resultant condensate, and finally returning the refrigerating medium to repeat the cycle of compression and expansion.

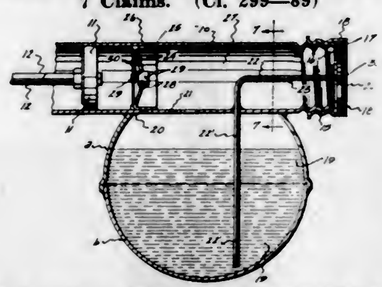
2,127,005
ELECTRICAL FLASHING DEVICE
Horace E. Nichols and Richard C. Scott, Detroit, Mich.
Application October 22, 1934, Serial No. 749,370
1 Claim. (Cl. 177—346)

A signal flasher device comprising a source of illumination in the form of a glow discharge lamp, a power resistance, a source of constant potential, a power condenser, and a transformer, the condenser being connected through the resistance and one coil of the transformer to the source of constant potential for charging and means for connecting said condenser to discharge



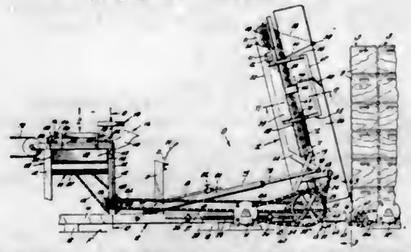
through the lamp and the other coil of the transformer.

2,127,006
SPRAYER
Joseph W. Patterson, Tulsa, Okla., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla., a corporation of Oklahoma
Application May 23, 1936, Serial No. 81,346
7 Claims. (Cl. 299—89)



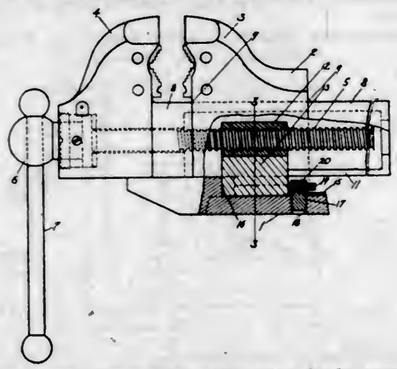
5. A sprayer including, a receptacle, an air storage head having one end open and communicating with the interior of the receptacle, an ejection tube extending from the lower portion of the receptacle into the head and extending forwardly in the head to the open end thereof, a flexible disk extending across the open end of the head, a nozzle located axially of the disk and engaging the tube, and means for holding said disk in position.

2,127,007
STACK DUMPER
Hale Paxton, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware
Application September 24, 1935, Serial No. 41,897
20 Claims. (Cl. 214—1.1)



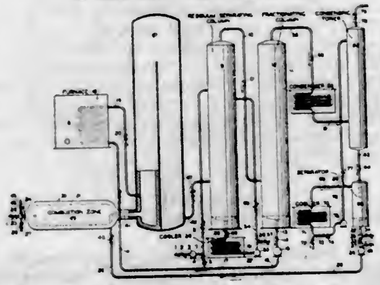
17. In a stack dumping machine, the combination of: means for receiving a stack of boxes in substantially upright position, and while supporting said stack along the side thereof, permitting said stack to yieldingly rock downwardly with said means into a reclining but upwardly inclined position; means to halt said rocking movement of said stack with the latter in said upwardly inclined position; and means for raising the center of gravity of the stack as a whole along its longitudinal axis to lift each of the boxes thereof to the level of the uppermost box and to discharge the boxes successively from the stack receiving means.

2,127,008
VISE
Thorvald Petersen, Erie, Pa., assignor to Reed Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application January 14, 1936, Serial No. 59,051
1 Claim. (Cl. 81—33)



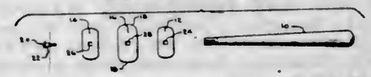
In a vise, the combination of a body carrying a fixed jaw; a movable member including a movable jaw; a screw operating the movable jaw; a nut for the screw; a sliding connection between the nut and the body, terminating in a thrust abutment receiving the thrust exerted on the nut with the closing of the vise; a pin inserted in the body back of the nut; and a screw extending through the pin, and clamping the nut on the abutment, said pin having a cross-slot with the threads at the opposite sides of the slot off-set.

2,127,009
CONVERSION OF HYDROCARBON OILS
Robert Pyzel, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application December 12, 1932, Serial No. 646,794
Renewed January 14, 1937
3 Claims. (Cl. 196—67)



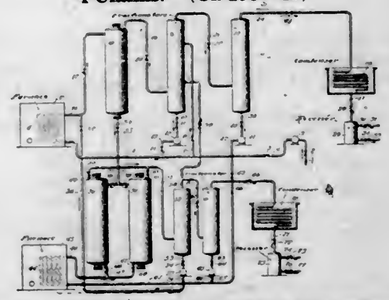
3. In the cracking of hydrocarbons by contact with hot combustion gases, the improvement which comprises generating the gases by burning fuel at a point of combustion out of contact with the hydrocarbons to be cracked, injecting water in liquid condition into the gases beyond the point of combustion in an amount sufficient to cool the gases to below 2200° F. but insufficient to cool the gases to below the cracking temperature of the hydrocarbons, and subsequently commingling the resultant mixture of combustion gases and steam with the hydrocarbons in sufficient quantity to crack the latter, condensing the cracked vapors and steam and separating the oil condensate from the water condensate, and utilizing such water condensate to cool the combustion gases as aforesaid.

2,127,010
EYEBROW RAZOR
Clara F. Sampson, Chicago, Ill.
Application March 22, 1937, Serial No. 132,208
2 Claims. (Cl. 30—33)



1. A miniature eyebrow razor dimensioned to be lightly held between the thumb and finger and used without obstructing the vision of the user, comprising relatively flat upper and lower clamping plates of similar size and contour, a relatively flat cutting blade similar in contour to said plates and disposed therebetween, said blade being of slightly larger size than said plates so as to project beyond the edges of said plates, a handle, means for holding said plates and blade to said handle, said handle being disposed substantially at right angles to the plane of said blade, said blade in one dimension being sufficiently narrow to enable shaving between the eyebrow and the eye without obstructing the user's vision, said blade being unguarded and projecting sufficiently beyond said plates as to avoid obstructing from the vision the cutting edge portion of the blade when the razor is being used.

2,127,011
CONVERSION OF HYDROCARBON OILS
Jean Delattre Seguy, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application May 23, 1932, Serial No. 612,987
Renewed June 5, 1937
4 Claims. (Cl. 196—49)



3. A combined cracking, coking and reforming process which comprises heating hydrocarbon oil to cracking temperature under pressure while flowing in a restricted stream through a heating zone, separating the heated oil into vapors and unvaporized oil in a separating zone, distilling the latter to coke in a coking zone maintained under lower pressure than the heating zone, subjecting said vapors to primary fractionation and returning resultant primary reflux condensate to the heating zone, further fractionating the va-

pors and separating therefrom a light reflux condensate containing a substantial quantity of hydrocarbons boiling within the gasoline range, heating such light reflux condensate in a second heating zone sufficiently to enhance the anti-knock value of the gasoline boiling hydrocarbons contained therein and then introducing the same into contact with the unvaporized oil in the coking zone to assist the reduction of the latter to coke, fractionating vapors evolved from the unvaporized oil and light reflux condensate in the coking zone independently of the first-named vapors and combining resultant reflux condensate with heated oil discharged from the first-mentioned heating zone, and finally condensing the fractionated vapors.

2,127,012

LINED BAG AND PROCESS OF MAKING IT

Carroll L. Spangler, Cincinnati, and Warren A. Morris, Wyoming, Ohio, assignors to The Paper Service Company, Lockland, Ohio, a corporation of Ohio

Application April 24, 1933, Serial No. 667,548
11 Claims. (Cl. 150—1)



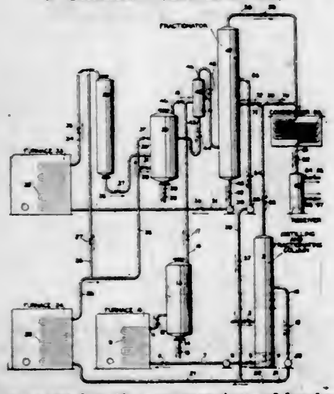
1. In combination, an unfilled cloth bag and a liner of paper having gatherings rendering it stretchable at least longitudinally, said liner inserted in the cloth bag, the said bag and liner being attached together at the mouth of the bag, the said mouth being openable for filling.

2,127,013

CONVERSION OF HYDROCARBON OILS

Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application February 16, 1934, Serial No. 711,518
Renewed January 21, 1938
9 Claims. (Cl. 196—48)



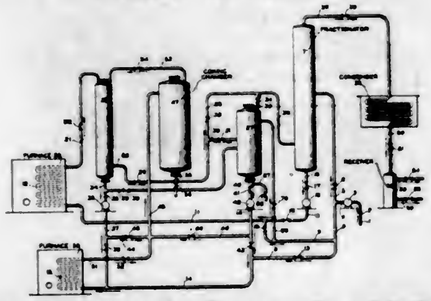
3. A process for the conversion of hydrocarbon charging oil containing residual portions of petroleum which comprises partially distilling said charging oil to form a distillate fraction and bottoms, subjecting said bottoms in a heating coil to relatively mild cracking conditions regulated to produce fuel oil therefrom, separating the heated products in an enlarged chamber into vapors and residual liquid suitable as fuel oil, recovering said liquid as a product of the process, fractionating the vapors and combining resultant reflux condensate with said distillate fraction, subjecting the commingled materials in a second heating coil to more drastic cracking than said bottoms in the first-named coil and subsequently distilling the same to coke in a second enlarged chamber, and fractionating and condensing the vapors evolved in said second chamber.

2,127,014

CONVERSION OF HYDROCARBON OILS

Kenneth Swartwood and Charles H. Angell, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application March 7, 1935, Serial No. 9,740
8 Claims. (Cl. 196—49)



1. In a process for the conversion of hydrocarbon oils wherein an oil is subjected to conversion conditions of elevated temperature and superatmospheric pressure in a heating coil and communicating reaction chamber, the resulting vaporous and liquid conversion products separated, the latter subjected to further vaporization at substantially reduced pressure, the resulting non-vaporous residual liquid heated to a high conversion temperature in a separate heating coil, without allowing it to remain in the heating coil for a sufficient time to permit appreciable coking therein, and the highly heated residual oil distilled to coke in a coking chamber operated at substantial superatmospheric pressure, the improvement which comprises withdrawing hot vaporous products from the coking chamber and introducing the same into said reaction chamber, wherein they commingle with the heated products from the first mentioned heating coil and are subjected therewith to continued conversion, subjecting the vaporous conversion products of the process to fractionation whereby their insufficiently converted components are condensed as reflux condensate, returning the reflux condensate to the first mentioned heating coil for further conversion, subjecting fractionated vapors of the desired end-boiling point to condensation and collecting the resulting distillate.

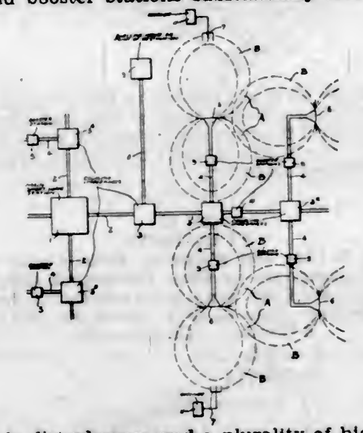
2,127,015

ELECTROMAGNETIC WAVE SIGNALING SYSTEM

Edgar D. Tillyer, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts

Application April 13, 1934, Serial No. 720,461
6 Claims. (Cl. 250—6)

1. A radio signaling system for wide area distribution of ultra high frequency electromagnetic energy by simultaneous operation of a plurality of radiators at the same frequency comprising a source of ultra high frequency energy modulated with desired signals, a series of booster stations for stepping up energy level to a desired amount, a practically non-radiating transmission line connecting said source of modulated ultra high frequency energy to each of said booster stations for conveying the modulated high frequency energy to said booster stations substantially free from



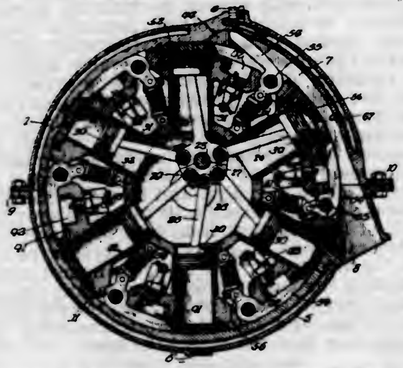
outside disturbances and a plurality of high frequency directional radiators operating on said ultra high frequency whose waves have quasi optical properties and are of the same frequency for all of said radiators, said radiators being connected with some of said booster stations and being distributed so as to radiate said high frequency energy over contiguous component areas of the area to be covered with substantially little overlapping of said areas and with at least a part of said transmission line lying within said area.

2,127,016

INTERNAL COMBUSTION ENGINE

Frank A. Veiles, Chicago, Ill.

Application April 21, 1937, Serial No. 138,194
6 Claims. (Cl. 123—17)



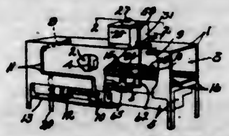
1. An internal combustion engine having a rotor formed with a series of radial compression cylinders and eccentrically mounted pistons fitting said cylinders, a stator surrounding said rotor and having an arcuate combustion and expansion chamber formed therein, impulse-receiving vanes movably carried by said rotor for movement into and out of said combustion chamber, charge-receiving pockets in said rotor for receiving compressed fuel charges under the action of said pistons, said vanes forming a seal for said pockets except when in said combustion chamber, and means located in said pockets for firing charges at the instants when said vanes enter the combustion chamber.

2,127,017

DISHWASHER

Willard R. Walker, Syracuse, N. Y.

Application October 17, 1935, Serial No. 45,439
2 Claims. (Cl. 141—9)



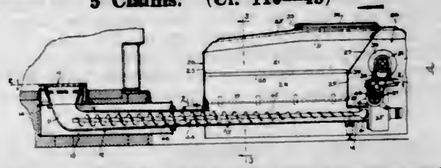
1. In a dish washing machine having a vat for washing fluid, a casing arranged over said vat forming a washing chamber in communication therewith, track means for trays for the articles to be cleansed connected with the casing to extend through the chamber over said vat and a washing apparatus connected with the casing for subjecting the articles in the trays to the action of the fluid in said vat to wash said articles, said washing machine being characterized by a rinsing apparatus connected with the casing in spaced relation to the washing apparatus for sprinkling the articles with fresh water and adding said water to the contents of the vat, said rinsing apparatus including a spray nozzle mounted in said chamber and a valve mounted adjacent the track, a supply tank for a cleansing solution, a conduit connecting the tank with the vat, an operating valve in said conduit positioned adjacent the track independently of the first mentioned valve, separate operating means for each valve, each of said operating means being arranged to extend into the path of a tray in its movement along said track to be directly engaged by said tray for simultaneously opening said valves and maintaining the valves in the open position during the passage of the tray beneath the spray nozzle, and a metering device for the cleansing solution mounted in said conduit.

2,127,018

FUEL FEED FOR STOKERS AND THE LIKE

Raymond E. Young, Harvey, Ill., assignor to Whiting Corporation, Harvey, Ill., a corporation of Illinois

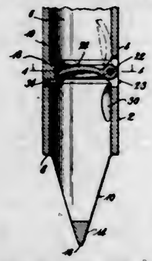
Application April 21, 1937, Serial No. 138,191
5 Claims. (Cl. 110—45)



1. In an underfeed stoker the combination with the fire pot and the feed throat connected thereto, and the fuel hopper, of a semi-cylindrical bottom for said hopper substantially co-axial with the feed throat, a feed screw extending longitudinally through the hopper bottom and co-axial with the semi-cylindrical hopper bottom and the throat, and means for rotating said feed screw, said feed screw comprising a core shaft portion of substantially uniform diameter

throughout its length, together with a spiral thread projecting outwardly from said core shaft portion, said thread being of substantially uniform pitch throughout the full length of the screw including the feed throat and the hopper, the section of screw thread within the feed throat being of substantially uniform diameter throughout the length of the feed throat, and being of constantly and uniformly tapering diameter throughout the length of the semi-cylindrical hopper bottom with the small diameter of said taper at the rear end of the screw farthest from the feed throat, whereby the edge of said tapered screw thread lies substantially within the surface of a cone, and whereby the clearance between said tapered screw thread and the surface of the semi-cylindrical hopper bottom decreases uniformly as the feed throat is approached, and the diameter of the feed throat being such at all points that the clearance between the threads of the feed screw and the throat increases in the direction of coal feed substantially as and for the purpose set forth.

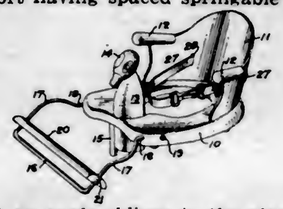
2,127,019
WELL CLEAN-OUT TOOL
Curt Baker, Oklahoma City, Okla., assignor to Miller Sand Pump Company, Oklahoma City, Okla., a corporation of Oklahoma
Application July 14, 1937, Serial No. 153,680
6 Claims. (Cl. 166—19)



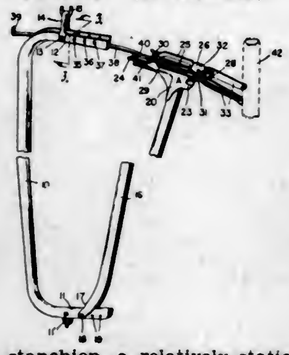
1. In combination with a well clean-out tool, a chambered casing having a lower edge portion, and a V-shaped cutting tool extending downwardly from the lower edge portion of the casing, a projecting flange carried by the inner wall of the chambered casing, said flange being positioned at a point substantially away from the lower edge portion of the casing, a concavo-convex clapper valve hinged to the flange and adapted to be swingable upwardly and downwardly in the casing, said valve in its upward position adapted to lie flush against the inner wall of the casing, a pair of curved recesses disposed in the casing at a point below the hinged connection for the valve, said recesses adapted to receive the outer periphery of the valve in its downward position whereby a uniform opening is provided by the valve in both upward and downward positions.

2,127,020
INFANT TRAINER
Clarence G. Carlson, Oakland, Calif.
Application February 20, 1937, Serial No. 126,823
8 Claims. (Cl. 155—165)

1. In an infant trainer of the character described, the combination of a seat forming member adapted to be secured upon a toilet seat to accommodate an infant, a support extending outwardly at the front of said seat forming member, means upon said seat forming member for slidably securing said support thereupon, means for securing said support in a predetermined position with respect to said seat forming member, said support having spaced springable sides extending at an angle oblique to the plane of said seat forming member, and a foot rest disposed and clamped between the springable sides of said support when said support is secured upon the seat forming member.



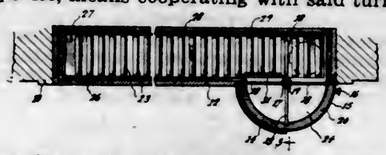
2,127,021
STANCHION
Joseph B. Clay and Walter O. Wille, Cedar Falls, Iowa, assignors to Clay Equipment Corporation, Cedar Falls, Iowa, a corporation of Iowa
Application July 8, 1937, Serial No. 152,510
8 Claims. (Cl. 119—150)



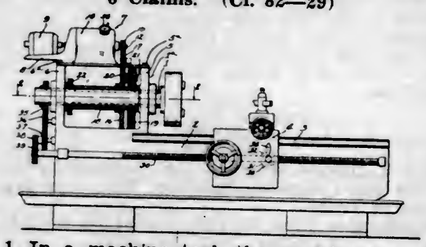
1. In a stanchion, a relatively stationary bar having an angular extension at the top forming a head, in the form of an upwardly opening channel, said channel being provided with a plurality of latch retaining means, a relatively movable stanchion bar, and a holding apparatus having a body formed with a socket receiving and secured to the upper end of the movable stanchion bar, a portion of said body projecting toward the other bar and being provided with a transverse shoulder, said body having also laterally spaced upwardly extending side members, a slide bar connected with the head for limited sliding movement in said channel and slidably extended between said side members, and having a shoulder to engage and cooperate with said first shoulder, a pair of latches pivoted on said body arranged outside said side members, said latches having parts for cooperating with said first named means for locking the two bars together, means tending to move the free ends of the latches toward latching position, and handles projecting from the latches away from the stanchion bars.

2,127,022
THEFTPROOF MILK BOTTLE RECEPTACLE
Carl D. Eggebrecht, Bayside, N. Y.
Application January 6, 1937, Serial No. 119,185
2 Claims. (Cl. 232—41)

1. A receptacle comprising a housing adapted to be mounted in a wall of a building, the front wall of said housing having at one end of said housing a semi-cylindrical projection extending outward therefrom, a turnstile mounted in said projection, a door in said projection, rollers mounted transversely adjacent the floor of the receptacle, means cooperating with said turnstile to permit rotation thereof in one direction and to prevent rotation in the opposite direction, a platform mounted adjacent the bottom of said projection under the forward end of said turnstile on the same level as said rollers, and prongs on said front wall and projecting substantially parallel therewith into the orbit of said turnstile.



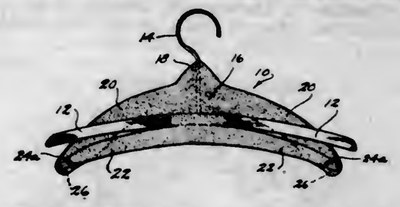
2,127,023
MACHINE TOOL TRANSMISSION
Herman W. Falk, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application August 17, 1936, Serial No. 96,355
6 Claims. (Cl. 82—29)



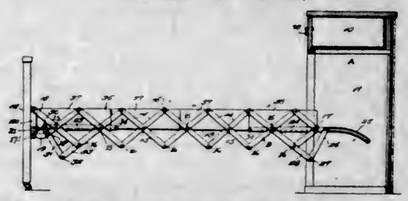
1. In a machine tool, the combination of a rotatable support, a drive shaft, a train for connecting said shaft and support and including two rate changers serially arranged, an alternative train for connecting said shaft and support through one of said rate changers to exclude the other, individual control means for adjusting each of said rate changers, and control means adjustable for alternative actuation of said support from the one or the other of said trains, said one of said rate changers including a variable speed output shaft, a differential connection between said drive shaft and output shaft including a toothed gear simultaneously rotatable on its own axis and bodily rotatable on another axis, and means for simultaneously adjusting the speed of rotation of said gear on each of said axes including frictionally engaged relatively adjustable elements, the associated individual control means being operative for the relative adjustment of said elements.

2,127,024
GARMENT PROTECTOR AND SUPPORT
Charles R. Ford, Alhambra, Calif.
Application September 3, 1937, Serial No. 162,312
1 Claim. (Cl. 223—98)

A garment protector comprising a plural number of arms grouped in pairs and joined by an intermediate body portion common to all of said arms, said arms extending laterally from said body portion and being provided with curvatures of different magnitude whereby said pairs of arms may intersect one another adjacent the ends thereof, certain of said arms being provided with slots, and certain others of said arms being provided with serrations whereby said arms may be deformed to engage one another and be in detachable locked relation.



2,127,025
COLLAPSIBLE BED
Ben McKeithan Graham, Tupelo, Miss.
Application August 7, 1935, Serial No. 35,176
2 Claims. (Cl. 5—2)

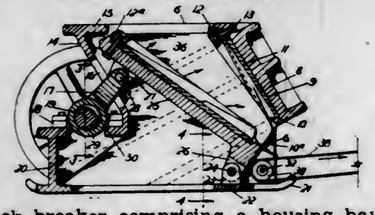


1. A collapsible bed comprising a cabinet having a displaceable front forming a foot board, a pair of lazy-tongs arranged between the cabinet and the foot board and having connection therewith in spaced parallel relation to each other for extension and contraction without and within said cabinet, a flexible mattress support yieldably fitted at opposite ends with the connections between the lazy-tongs, the cabinet and the foot board, respectively, a sectional, foldable mattress on said mattress support and having fold lines remote from its ends, lifting levers on each side of the lazy-tongs pivoted on the lazy-tongs near each end thereof, respectively, and extending toward the center of the lazy-tongs, means operatively connecting the outer ends of said levers with the lazy-tongs whereby retracting the lazy-tongs lifts the inner ends of the levers, and resilient lifting members interposed between the mattress and mattress support and connecting each lever with a corresponding lever on the opposite side whereby on retraction of the lazy-tongs the mattress will be lifted along fold lines remote from the ends thereof and folding of the mattress assisted.

2,127,026
DISPERSING METHOD
George E. Grindrod, Oconomowoc, Wis.
No Drawing. Application October 9, 1936, Serial No. 104,880
9 Claims. (Cl. 252—6)

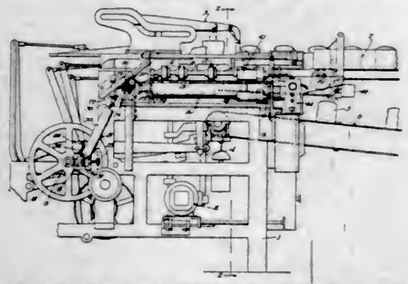
1. A method of dispersion consisting in adiabatically expanding a jet of elastic fluid at substantially constant entropy to develop its kinetic energy, transferring the available portion of such energy to a stream of a mixture of dispersible material and an emulsifying medium having, at the point of contact therewith substantially the temperature of the elastic fluid and of predetermined weight proportions, whereby to impel the same at a high velocity, and then subjecting the material to impacts while under the acquired momentum.

2,127,027
STONE BREAKER
Charles V. Hallenbeck, Denver, Colo.
Application May 2, 1935, Serial No. 19,444
1 Claim. (Cl. 83—53)



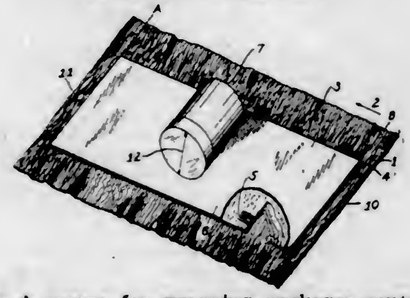
A rock breaker comprising a housing having upwardly-ranging extensions of its base providing runners for facilitating its sliding movement over a surface on which it rests and having a discharge outlet adjacent its bottom and a feed inlet above the same, as oscillatory jaw disposed in an inclined position between the inlet and the outlet with its breaker surface uppermost, a stationary jaw disposed in overhanging relation to the oscillatory jaw and having its breaker surface facing the latter jaw, the oscillatory jaw being movable about an axis at its lower end, an eccentric journalled in the housing, a pitman on the eccentric in pivotal connection with and extending at right angles to the oscillatory jaw, and a movable conveyor disposed above the bottom of the housing directly beneath the discharge outlet to receive the product descending therethrough.

2,127,028
CONTROL DEVICE FOR WRAPPING MACHINES
William A. Hayssen, Sheboygan, Wis., assignor to Hayssen Mfg. Co., Sheboygan, Wis., a corporation of Wisconsin
Application September 28, 1936, Serial No. 102,905
11 Claims. (Cl. 93—2)



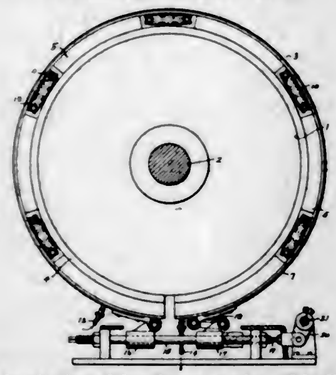
1. A wrapping machine for wrapping articles which comprises the combination of means for advancing the articles to wrapping position, means for supplying a continuous web of wrapping material having indicia at predetermined places thereon, a beam of light rays directed on said wrapping material, and a light-sensitive device illuminated thereby and so positioned that the indicia intermittently intercepts the said beam, an electrical circuit, means controlled by the articles to be wrapped for establishing and disconnecting said circuit, a transmission for moving the web, and means for severing the web, said transmission comprising a rotating member and a connecting rod consisting of two parts capable of cohering under the influence of magnetic flux, a solenoid in said electrical circuit whereby when current is flowing the magnetic flux exerts its effect to cause said parts to cohere, the indicia of the web when intercepting the beam of light thereby extinguishing the magnetic flux so that the connecting rod separates into two parts, thus stopping the movement of the web.

2,127,029
MEANS FOR PACKING FOODSTUFFS
William A. Hermanson, Roxbury, Mass.
Application May 5, 1937, Serial No. 140,787
5 Claims. (Cl. 229—87)



1. A means for wrapping packages containing materials to be preserved in a constant temperature state, comprising a heavily creped sheet having a centrally located pad of thin cellulose laminated crepe with a covering sheet of paper thereon, said heavily creped sheet being substantially wider and longer than the centrally located pad.

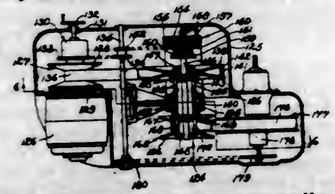
2,127,030
BRAKE
Lester E. Hodges, Houston, Tex., assignor to Portable Rig Company, Houston, Tex., a corporation of Texas
Application June 10, 1937, Serial No. 147,532
8 Claims. (Cl. 188—264)



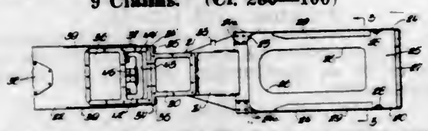
1. A brake band having a series of hollow sections therein, rigid yokes connecting adjacent sections and having ducts therethrough for the circulation of a cooling fluid from section to section and means for connecting the yokes to adjacent sections.

2,127,031
VARIABLE-SPEED UNIT
Carl E. Johnson, Pasadena, and Earl Mendenhall, Los Angeles, Calif.
Application June 27, 1933, Serial No. 677,863
4 Claims. (Cl. 74—230.17)

3. In combination: a drive shaft; a primary pulley means of the adjustable V-type on said drive shaft; a countershaft; a secondary pulley means of the adjustable V-type on said countershaft; a belt means connecting said primary and secondary pulley means; a tertiary pulley means operatively connected to said secondary pulley means and being of the adjustable V-type; a driven shaft; a quaternary pulley means of the adjustable V-type connected to said driven shaft, each of said pulley means including a pair of flange members one of which is movable toward and away from the other; a belt means connecting said tertiary and quaternary pulley means; a control shaft; sprocket means provided on said control shaft; an adjustment means individually associated with each of said pulley means and mechanically interconnecting said flange members of its corresponding pulley means; a chain receiving means associated with each of said adjustment means and in operative alignment with said sprocket means; and chain means connecting said sprocket means and said chain receiving means whereby said adjustment means may be actuated by rotation of said control shaft.



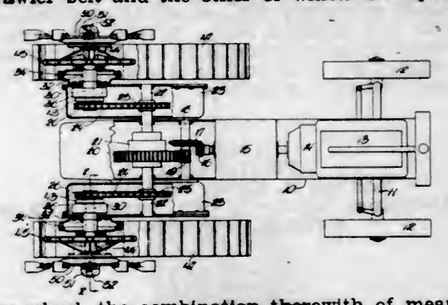
2,127,032
TRACTOR FRAME
Edward A. Johnston, Chicago, David B. Baker, Riverside, and Clifford R. Rogers, Oak Park, Ill., assignors to International Harvester Company, Chicago, Ill., a corporation of New Jersey
Original application July 5, 1935, Serial No. 29,798. Divided and this application May 16, 1936, Serial No. 80,055
9 Claims. (Cl. 280—106)



1. A tractor frame having a rear part comprising a substantially rectangular box adapted to enclose final drive gearing and having its front wall formed with a bolt circle flange, a second transmission box part adapted to enclose change speed gearing and located forwardly of the rear part and having a flange at its rear end bolted to the bolt circle on the front wall of the rear part, the front portion of said second part being secured to the rear end of a bracket arranged forwardly of the second part, said bracket being formed of pressed sheet metal and including rails welded to opposite sides thereof, upon which rails a motor is adapted to be carried, said bracket at its rear end being formed with a saddle portion in which the front end of the second part is telescopically fitted, and means securing the saddle portion rigidly to the front end of the second part.

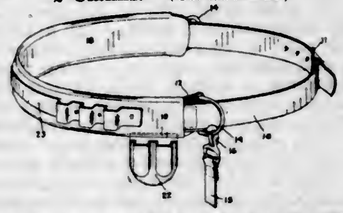
2,127,033
CRAWLER TRACTOR
Edward A. Johnston, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application June 29, 1936, Serial No. 87,886
10 Claims. (Cl. 180—9.1)

2. In a tractor having a longitudinal frame carrying an engine connected to drive a transmission and differential including transverse jack shafts, a traction unit at each side of the tractor comprising dual traction supports for each side of the tractor, said supports comprising coaxially mounted wheels, one of which is a driver for a crawler belt and the other of which is a spade



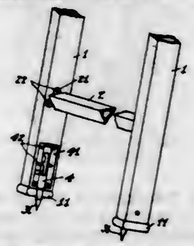
lug wheel, the combination therewith of means deriving power from the jack shafts respectively for driving the spade lug wheel in each unit, and means for automatically transferring the engine torque to drive the other wheel and crawler belt of each unit when the proximate spade lug wheel slips or loses traction.

2,127,034
LINEMAN SAFETY BELT
Frank Kabat, Lincoln, Nebr.
Application March 20, 1937, Serial No. 132,159
2 Claims. (Cl. 227—49)



1. A lineman's belt and a sheath therefor, said sheath having a channel extending therethrough and being resilient and in a form for engaging the lineman's back at his waistline, said belt having slidable movement in said sheath, and a pair of rings secured to said belt for attachment of a pole strap thereto, said rings functioning as stops for limiting the sliding movements of said belt in said sheath.

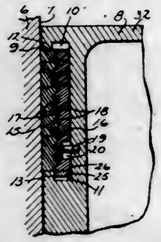
2,127,035
LADDER
Otis M. Kirlin, Detroit, Mich.
Application July 28, 1936, Serial No. 93,047
2 Claims. (Cl. 228—61)



1. In a device of the character described, the combination, with a housing formed from a strip of sheet metal bent longitudinally to form a U-

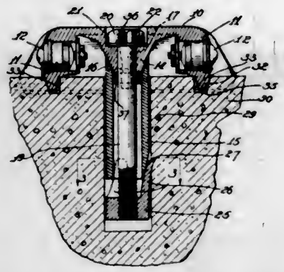
shaped cavity having laterally extending flanges adapted to be secured to the side rail of a ladder, of a cylindrical spike member slidably held in said cavity and provided with a laterally projecting shank, a longitudinal slot in said housing within which said shank slides, a plurality of notches in communication with said slot spaced therealong and adapted to selectively receive said shank, a recess in said spike, and a spring secured within said recess and frictionally engaging the inner surface of said cavity to prevent rotation of said spike.

2,127,036
PISTON RING
Matthew G. Kurth, Madison, Wis.
Application October 2, 1935, Serial No. 43,186
8 Claims. (Cl. 309—30)



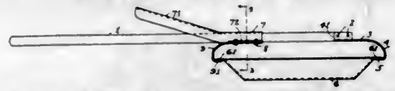
1. The combination with a member having a cylindrical bearing surface provided with a groove under-cut at at least one of its ends to leave a flange adjacent said surface, of a first helix provided with a bearing surface aligned with that of said member, said helix being positioned in said groove, a second helix behind the first helix in said groove, said helices having complementary beveled portions in pressure engagement, and an axial compression spring in an under-cut portion of said groove acting axially on an end of said second helix, whereby to maintain said beveled portions under thrust and to develop a radial pressure at the bearing surface of the first mentioned helix.

2,127,037
ROAD MARKER
Wilfred J. La Croix, Kansas City, Mo.
Application May 24, 1937, Serial No. 144,363
11 Claims. (Cl. 94—1.5)



1. In a road marker, a head adapted to be seated upon the surface of the roadway, a hollow stem detachably connected at its upper end to the under side of the head, and adapted to extend down into a hole in the roadway, a rotatable bolt extending downwardly through the head and stem, and an expansion nut connected to the lower end of the bolt, and having cooperative engagement with the lower end of said stem.

2,127,038
PAN LIFTER
Robert H. Lehew, Highland Park, Mich.
Application January 9, 1937, Serial No. 119,713
1 Claim. (Cl. 294—34)

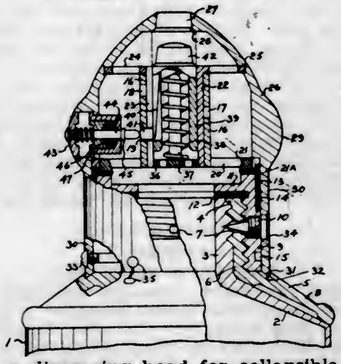


A device of the character described comprising a stem formed from flat material disposed in a vertical plane having one end adapted to form a handle and the other end provided with a jaw adapted to engage the periphery of a utensil to be handled; a member of U-shaped cross section slidably engaging said stem and having a pair of laterally projecting ears arranged in the plane of the lower edge of said stem, one end of said member having a handle extending in a direction upwardly and angularly divergent from said stem; and a transverse bar having its central portion secured to said ears so as to maintain said U-shaped member in engagement with said stem and having its ends formed as jaws arranged in co-operative relation with said first-mentioned jaw, the said bar being relatively short in the direction of the stem's axis, whereby downward pressure upon the handle of the U-shaped member produces a frictional action tending to grip the stem and prevent longitudinal displacement of said last-named member.

2,127,039
HORTICULTURAL SPRAY OIL
Frank F. Lindstaedt, Oakland, Calif.
No Drawing. Application June 27, 1936,
Serial No. 87,737
8 Claims. (Cl. 167—28)

1. A horticultural spray composition comprising, a hydrocarbon oil, and an oil soluble reaction product of an unsaturated fatty oil and thiodiphenylamine.

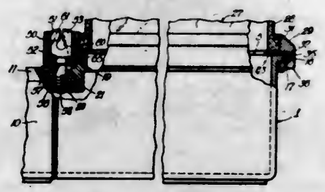
2,127,040
DISPENSING HEAD FOR COLLAPSIBLE TUBES AND THE LIKE
Charles Stewart Mann, Vancouver, British Columbia, Canada
Application September 13, 1937, Serial No. 163,568
7 Claims. (Cl. 221—60)



1. In a dispensing head for collapsible tubes, a main sleeve, a cap rotatable about the sleeve,

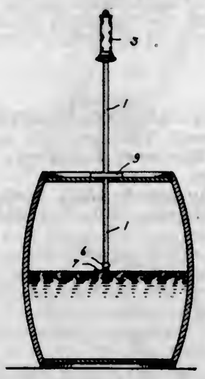
said cap having a discharge orifice and a spring pressed button, a plunger normally urged to close the discharge orifice and means as the cap is turned in one direction to retract the plunger to open the discharge orifice, said means cooperating with the spring pressed button to release the plunger and permit it to return to closed position.

2,127,041
METER BASE AND COVER
James S. Martin, Springfield, Ill., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois
Application March 21, 1936, Serial No. 70,173
11 Claims. (Cl. 220—55)



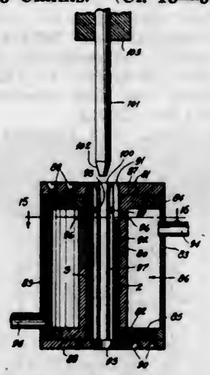
1. In combination, a meter base having a lug at one end with an inclined under surface, a part on the other end of the meter base provided with an upwardly inclined face, a meter cover fitting said base and having complementarily inclined portions engaging the underside of said lug and said face, and means adjacent the latter for urging the cover down on said upwardly inclined face for tightening both portions of the meter cover onto the base.

2,127,042
GAUGE ROD
Alton A. Morrell, Chippewa Falls, Wis.
Application January 15, 1937, Serial No. 120,770
1 Claim. (Cl. 33—126)



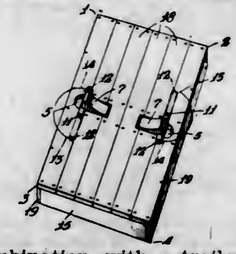
A portable hollow gauge rod having a scale area longitudinally thereof for indicating the contents of a container, a battery within one end of said rod, a lamp and socket therefore in the other end, wires connecting the battery and lamp for optionally illuminating the latter, a housing secured to the lower end of said rod and enclosing and protecting the lamp, said housing having openings through all four sides and bottom thereof, and said bottom being formed with an extension laterally in one direction for convenience in ascertaining when said bottom contacts the surface of said contents.

2,127,043
METHOD OF DECORATING PLASTIC ARTICLES
Lucifer J. Most, Arlington, N. J., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass., a corporation of Massachusetts
Application March 25, 1936, Serial No. 70,811
3 Claims. (Cl. 18—59)



1. The method of decorating plastic articles which comprises providing a mold having a cavity of the shape of the finished article, providing a hollow blank of plastic material smaller than said cavity, positioning the blank in the cavity, and providing at least one decorative element in position to be embedded in the blank, heating the blank to soften it, inserting a rigid expansible hollow cylindrical member of smaller diameter than the internal diameter of the blank into the center of said blank, and driving a plunger larger in diameter than the inside diameter of the expansible member into the expansible member to expand said member radially, while holding said blank against longitudinal movement relative both to said cavity and to said expansible member, thereby forcing said blank radially against the walls of the cavity, thereby embedding the decorative element in the blank, and thereafter allowing the blank to become rigid and removing it from the mold.

2,127,044
DROP-FLUSH CHOCK
Frank A. Mutchler, Sr., Bayonne, N. J.
Application October 16, 1937, Serial No. 169,401
4 Claims. (Cl. 280—179)



1. In combination, with a trailer (flat truck) floor or the like having an opening therein, two crosspieces extending under the floor and adjacent to two opposing sides of the opening, an anchoring means in the two crosspieces, an anchoring member extending transversely between the crosspieces, the ends penetrating the anchoring means in the crosspieces, a loading device attached thereto, between the two crosspieces and

below the surface of the floor, and a steel plate one end of which is connected to the floor near the side of the opening at the outer end, and which turns on a fixed pivot whereby said plate may be moved circularly in either direction and co-ordinate with a groove on the end of loading device when it is above the surface of the floor.

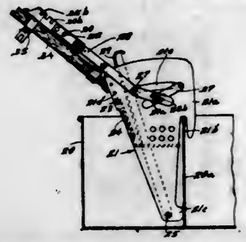
2,127,045

MOP WRINGING DEVICE

Edward Pavek, Minneapolis, Minn.

Original application February 23, 1933, Serial No. 657,956. Divided and this application March 23, 1936, Serial No. 70,518

28 Claims. (Cl. 15—261)



1. A mop squeezing apparatus having in combination, a frame, a pair of plates mounted therein for relative swinging movement toward and from each other, a toggle lever connected to said frame and to one of said plates for moving said latter plate including an upwardly extending lever arm swingable in the same direction as said latter plate and means for varying the point of connection of said toggle lever with said frame for varying the relative positions of said plates in separated position.

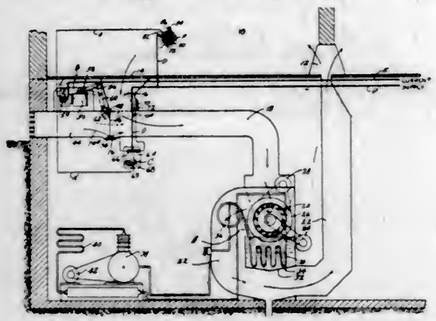
2,127,046

AIR CIRCULATING SYSTEM

Lawrence M. Persons, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa

Application December 17, 1934, Serial No. 757,884

1 Claim. (Cl. 236—91)



In an air circulating system, a room, air circulating means having an intake and an outlet, each communicating with said room, an auxiliary intake for receiving outside air, a damper for selectively causing air to be taken into said air circulating means from said first or said auxiliary intake, and a controller having two independent elements, one in and thereby responsive to the temperature of the air in one of said intakes and the other in and thereby responsive to the temperature of the air in the outer of said intakes for controlling said damper, and means for causing a small quantity of air to flow through one of said intakes surrounding the temperature responsive element therefor when air is being taken in through the other intake and vice versa.

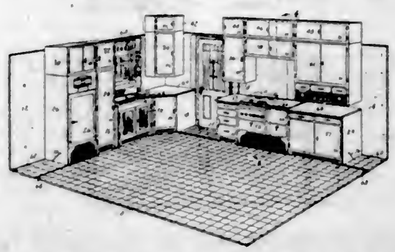
2,127,047

MINIATURE DEMONSTRATION SET

Byron Russell Pinney, Clinton, Iowa, assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa

Application November 16, 1935, Serial No. 50,117

6 Claims. (Cl. 35—7)



3. In a demonstration set of the character disclosed, a miniature device representing a portion of a room and comprising a pair of wall members at right angles to each other, a floor member spanning the distance between the bottom edges of said wall members, and a plurality of blocks adapted to be placed against said wall members to represent in miniature, equipment for installation in the represented room whereby a pictorial view of a room and such equipment on a miniature scale may be set up, some of said blocks having on their back surfaces downwardly opening hooks adapted for supporting engagement over the upper edges of said walls, the distance between the bottoms of said hooks and the bottoms of some of said blocks being less than the distance between the top edges of said wall members and the tops of the other blocks.

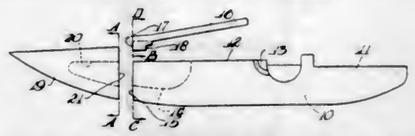
2,127,048

METHOD OF MAKING MOWER GUARDS

Stanley C. Powell, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application August 9, 1935, Serial No. 35,408

2 Claims. (Cl. 29—148.3)



1. The method of forming a mower guard which comprises the steps of separately forming a point with a recessed portion at one end and a surface transversely of the point and substantially surrounding said recess, a lip with a surface formed transversely thereof, and a body with a recessed portion at one end and a surface transversely of the body and substantially surrounding said recess, bringing the parts together with their said faces abutting and simultaneously welding the surfaces on the lip and body to the surface on the point to unite the three parts, said surfaces on the point and body forming reduced areas to be welded.

2,127,049

GRID USED IN MACHINES FOR OPENING, CLEANING, CARDING, AND LIKE TREATMENT OF TEXTILE FIBERS

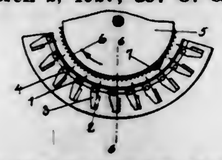
Paul Schwarze, St. Gallen, Switzerland, and Rudolf Setzer, Obermenning, near Munich, Germany, assignors to Technik und Investment Aktiengesellschaft, Vaduz, Liechtenstein

Application December 28, 1936, Serial No. 117,908

In Germany December 27, 1935

3 Claims. (Cl. 19—95)

(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. In a machine for opening, cleaning, carding or like treatment of textile fibers, the combination of a cylinder having toothed clothing, with grid bars arranged opposite said toothed clothing, and blades mounted on said grid bars and extending beyond their edges in a direction towards the axis of the cylinder, said blades being of such thinness that their edges are keen without being sharpened.

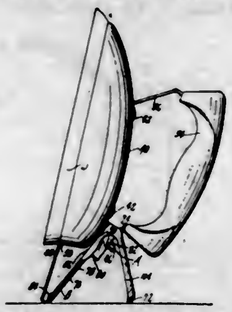
2,127,050

SADIRON CONSTRUCTION

Howard Smith, Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri

Application January 28, 1935, Serial No. 3,748

13 Claims. (Cl. 219—25)



1. In a sadiron construction, a sole plate, a heating element for said sole plate, a shell for covering said sole plate and heating element and a terminal member for the ends of said heating element comprising a supporting element, terminal pins supported thereby, the upper and lower ends of said supporting element having reduced lugs, said shell having an opening to be closed by said element, a notch in the side of said opening to receive said upper lug, the lower edge of said shell having a notch for said lower lug, said upper lug being retained against disassociation from its notch when said lower lug is in its notch and said lower lug being retained in its notch by said sole plate when said shell is assembled thereon.

2,127,051

WALL CLEANING APPARATUS

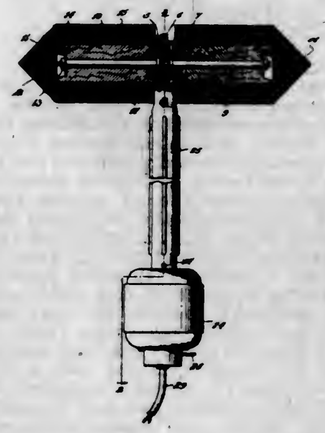
Charles L. Atkinson, Cynthiana, Ky.

Application August 16, 1935, Serial No. 36,589

Renewed January 25, 1938

2 Claims. (Cl. 15—98)

1. A cleaning device comprising a tubular handle, a casing at the front end of said handle, a shaft extending through the casing transversely thereof with portions projecting from opposite sides of the casing and provided with threaded terminals, annular collars projecting from sides of said casing about said shaft, bearings for said shaft surrounded by said collars, supporting cylinders surrounding the projecting portions of the shaft and movable therewith, inner ends of the cylinders being formed with pockets snugly receiving the collars and the bearings, the outer ends of said cylinders being formed with seating recesses, washers fitting over the ends of the shaft within the recesses, nuts engaging the



threaded terminals of the shaft within the recesses and bearing against the washers, cleaning elements fitting snugly about the supporting cylinders, a worm gear secured to the intermediate portion of the shaft and housed within the casing, a worm meshing with the gear wheel, a stub shaft in said casing on which the worm is mounted, said stub shaft having its rear end extending into said handle and provided with a socket, a motor, and a power shaft having one end thereof connected with the motor, said motor shaft extending longitudinally through said handle and having its front end fitting in said socket.

2,127,052

AIR-COOLED SAFETY TIRE

Earl Von Bon Horst, San Clemente, Calif.

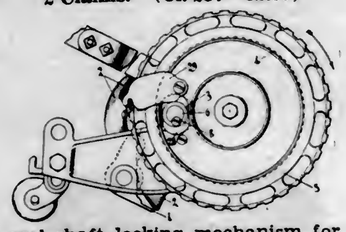
Application February 16, 1938, Serial No. 190,837

5 Claims. (Cl. 152—153)



1. In an air-cooled tire, the combination of a rim-structure including a central rim unit provided with parallel legs having radially inner ends, and spokes having their radially outer ends directly attached to the radially inner ends of said parallel legs.

2,127,053
MOWING MACHINE
Allan Steward Cambridge, Dalrachney Station, Omarama, New Zealand
Application June 19, 1937, Serial No. 149,259
In New Zealand May 3, 1937
2 Claims. (Cl. 287—52.09)



1. A reel shaft locking mechanism for use in a lawn mower comprising, a reel spindle, a gear wheel rotatably mounted on the spindle adjacent one end thereof, said spindle having a threaded opening extending inwardly from the end thereof, said gear wheel having a threaded groove formed in the inner surface thereof so that when the groove is circumferentially positioned adjacent the opening in the shaft a cylindrical threaded hole is provided extending inwardly from the end of the shaft, a flat-sided threaded pin arranged in the opening provided in said spindle with the flat side positioned towards the gear wheel so that the gear wheel may rotate freely on the spindle, a head carried by said pin whereby the pin may be turned from the end of the reel spindle to cause the arcuate periphery thereof to extend into the groove and lock the gear wheel on the reel spindle, and means associated with the head of the pin for maintaining the pin in a given rotated position.

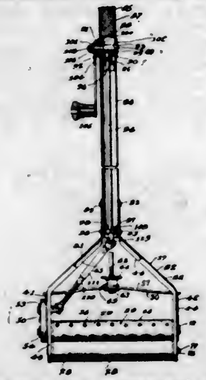
2,127,054
PROCESS FOR THE MANUFACTURE OF MASKS
Guy Francis Aimé Cesar, Saumur, France
Application July 16, 1937, Serial No. 154,064
In France July 17, 1936
1 Claim. (Cl. 2—206)



A process for the manufacture of masks in relief, consisting in forming the mask in outline shape and painted in accordance with mask requirements, with the mask divided on a re-entrant angle extending from the lower central edge and terminating approximately on the transverse central line, and then molding the mask in relief with the edges forming the division overlapping and secured together.

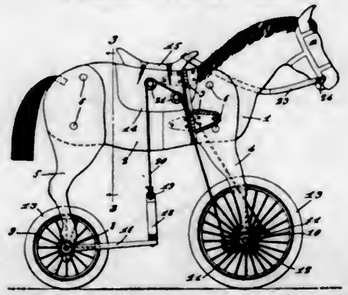
2,127,055
WRINGER-MOP APPARATUS
William M. Christopher, Tonawanda, N. Y.
Application January 30, 1937, Serial No. 123,289
2 Claims. (Cl. 15—119)

1. In a wringer-mop apparatus of that type including a carrier, a pair of lengthwise aligned revoluble rolls within the carrier and a handle secured to the carrier, the combination of a pair of slides positioned at the sides of the carrier, means for revolubly supporting one of said rolls, means for revolubly supporting one end of the other of said rolls from one of said slides, a gear mechanism carried by the other of said slides and connected to the other end of said other roll for revolving it, a shaft connected to said gear mechanism for driving it, a transmis-



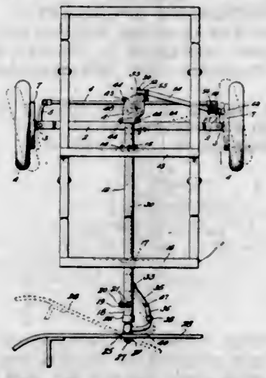
sion shaft universally connected at one end to the said other shaft, and operating means for said transmission shaft universally connected to the other end of the latter, said operating means being arranged within and extended from the handle for manual actuation.

2,127,056
TOY VEHICLE
Grover Davis, Morristown, S. Dak.
Application December 5, 1936, Serial No. 114,466
1 Claim. (Cl. 280—1.20)



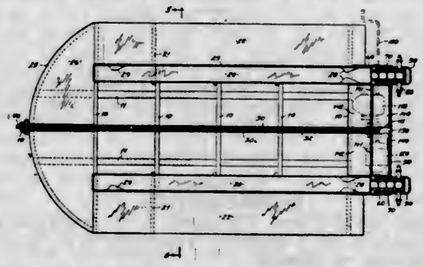
A polycycle toy in the form of a horse and comprising a body including a rear section, a front section hinged to the rear section, legs secured to and depending from each section, axles bridging the legs, wheels journaled on the rear axle, a wheel fixed to the front axle and eccentrically mounted with respect thereto, oppositely disposed crank arms fixed to the ends of the front axle, V-shaped members having bearings in their remote ends and mounted on the rear axle for reciprocation, said V-shaped members extending forwardly from the rear axle, straps looped upon themselves, pins securing the straps in looped formation to provide stirrups secured to the apex extremities of the V-shaped members, bracket strips disposed one above and rearwardly of the other and extending through the rear section, grooved pulleys secured to the ends of the bracket strips for disposal upon opposite sides of the body, cables trained over the grooved pulleys and having their ends secured to the pins of the stirrups and the crank arms respectively and guiding means for the toy and secured to the front section.

2,127,057
STEERING DEVICE FOR TRAILERS
Harry W. Drake, Marshall, Ill.
Application May 22, 1937, Serial No. 144,229
9 Claims. (Cl. 280—33.55)



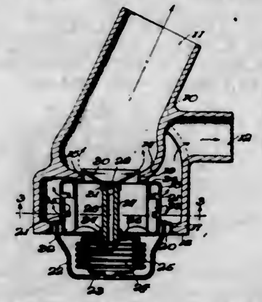
1. In combination with a trailer including a chassis having an axle provided with interconnected pivotally mounted spindles and wheels rotatable about the spindles and provided with brake drums, a towing bar extending longitudinally of the chassis and carried thereby, a coupling connected with the front end of said towing bar for universal movement and adapted to be connected with a towing vehicle, a rod extending longitudinally of the draft bar and slidable longitudinally thereto, means for connecting said rod with said coupling and imparting longitudinal movement to the rod when the coupling is tilted laterally thereof by movements of the towing vehicle, a transverse rod having one end connected with the brake drum of one wheel, and a bell crank structure connecting the other end of the transverse rod with the first rod whereby turning movement will be imparted to the said wheel to steer the trailer when the first rod is slid longitudinally.

2,127,058
FREIGHT TRANSFERRING APPARATUS
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio, a corporation of Ohio
Application June 28, 1937, Serial No. 150,679
31 Claims. (Cl. 214—38)



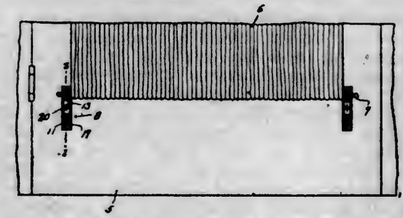
1. The combination of a highway vehicle, a supplemental platform adapted to be mounted thereon, a longitudinal looped chain carried by the platform, guides on the platform for a demountable container, bridges carried by the platform at the rear end of the guides, and driving mechanism for the chain carried by the platform at its rear end between the bridges.

2,127,059
TEMPERATURE REGULATOR
Jean V. Giesler and John E. Dube, Knoxville, Tenn., assignors to The Fulton Sylphon Company, Knoxville, Tenn., a corporation of Delaware
Application October 28, 1935, Serial No. 47,186
1 Claim. (Cl. 236—34)



In a temperature regulator for the cooling system of an internal combustion engine, a casing adapted to be secured to the water jacket of the engine, a passage in said casing adapted to communicate with the main circuit for the cooling medium, a second passage in said casing adapted to communicate with a by-pass, an apertured tubular member carried within said casing separating said first named passage and said second named passage, a spider secured to said tubular member and extending below said casing, a thermostat carried within said spider and designed to extend into the water jacket of the engine, a valve stem carried by said thermostat extending centrally through said tubular member, a valve member of the poppet type carried on said valve stem designed to normally close said first named passage, and an apertured valve member curved circumferentially and slidably contacting opposite arcuate internal portions of said tubular member carried by said valve stem, the apertures in said second valve member being designed to register with the apertures in said tubular member only when said first named valve member is substantially closed and thereby open communication with said second named passage whereby the apertures in said second named valve member cease to register with the apertures in said tubular member as soon as said first named valve member starts substantially on its opening stroke.

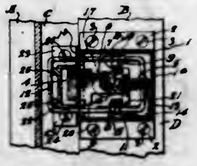
2,127,060
CURTAIN HOLDER
Niels C. Hansen and William H. Francis, Bronx, N. Y.
Application June 12, 1937, Serial No. 147,962
1 Claim. (Cl. 156—33)



A curtain holder comprising a channeled plate, the side walls of which are provided with guide grooves, the bottom of said channeled plate formed with close longitudinally spaced trans-

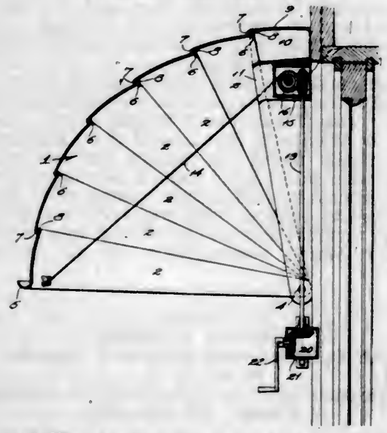
verse slits, the portions of said bottom wall between the slits being bent obliquely with respect to the plane of said bottom wall to define ratchets, and a pawl having pintle portions engaged in said guide grooves and being slidable in said channeled plate and adapted to successively engage said ratchets.

2,127,061
SASH FASTENER
Francis N. Hearn, Silver Spring, Md.
Application March 1, 1937, Serial No. 128,508
10 Claims. (Cl. 292—5)



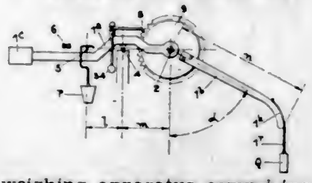
1. A sash fastener comprising a casing, relatively movable co-acting locking members mounted in said casing and extending therefrom, and a keeper with which one of said members is adapted to interlock to prevent vertical movement and the other member at the same time is adapted to interlock to establish clamping engagement, said locking members including means whereby one of said members is operable by engagement with the keeper to actuate the other member into engagement with the keeper.

2,127,062
FOLDING METAL AWNING
Joshua Thomas Kitching, Pleasantville, N. J.
Application June 26, 1936, Serial No. 87,520
1 Claim. (Cl. 156—43)



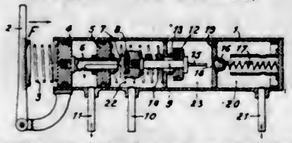
A metallic awning comprising a plurality of telescopic sections of inverted U-shape, the inner section having its outer edge bent to form a gutter extending the full length thereof and the upper edge of said inner section being bent in the form of an outwardly extending bead, and the remaining overlying sections having inwardly extending beads on their lower edges and outwardly extending beads on their upper edges, inner and outer beads of successive sections engaging to maintain the sections in cooperative engagement when in extended position, said overlying sections also having inwardly extending beads formed on their upper edges providing stops against which the upper edges of adjacent sections engage when the sections are in collapsed position, and means for extending and collapsing the sections.

2,127,063
WEIGHING APPARATUS
Marcel Adrien Elie Levy and William Arthur Loth, Paris, France, assignors to Société Anonyme: Société Francaise de Métrographie, Paris, France
Application August 8, 1935, Serial No. 35,385
In France August 13, 1934
10 Claims. (Cl. 265—27)



1. A weighing apparatus comprising: a beam having a single position of equilibrium,—an angularly movable arm, carried by said beam,—a counterweight and means for supporting the load to be weighed, respectively carried by the movable arm and by the beam,—means controlled by the position of the beam for holding the movable arm stationary relatively to the beam, when the latter is in its position of equilibrium.

2,127,064
BRAKE VALVE
René Lucien Levy, Montrouge, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland
Application September 8, 1936, Serial No. 99,900
In France November 19, 1935
1 Claim. (Cl. 303—54)



In a distributing device, a casing having two passages therein, valves adapted to cooperate with said passages to control the flow of fluid therethrough, means for actuating one of said valves, and means for imparting the movement of said valve to the other valve whereby the first mentioned valve is completely opened prior to the opening of the second mentioned valve, said casing having an exhaust passage therein, and means for controlling the flow of fluid to said exhaust passage, said fluid control means including a seat integral with the first mentioned valve, and a hollow member carried by the actuating means cooperating with said seat.

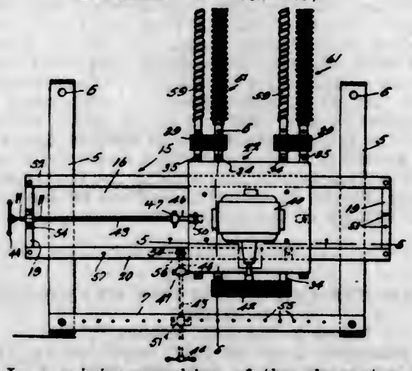
2,127,065
HYDROMETER
Samuel S. McClure, Vineland, N. J., assignor to Kimble Glass Company, Vineland, N. J., a corporation of Illinois
Application April 27, 1937, Serial No. 139,285
10 Claims. (Cl. 265—46)

1. In a hydrometer, a transparent barrel for receiving the liquid to be tested, a plug within the barrel having enlarged end portions in fluid-tight engagement with the interior of the barrel and a reduced intermediate portion spaced from the wall of the barrel to form therewith an annular chamber separated from the remainder of the barrel by said end portions, said plug having a longitudinal passage therethrough, a hy-



drometer float in the barrel above the plug, and a thermometer in the barrel having a bulb portion located above the plug and having a tube portion extending into said annular chamber.

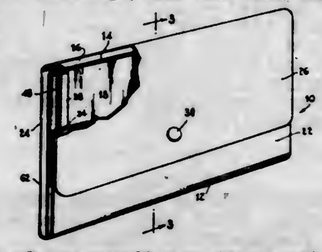
2,127,066
MINING MACHINE
David R. McCullough, Lost Spring, Wyo., assignor of one-third to William O. Widger, Harrison, Nebr.
Application August 25, 1936, Serial No. 97,820
4 Claims. (Cl. 262—25)



1. In a mining machine of the character described, a slide adapted to be mounted on runners for shifting movement along the runners and relative thereto, said slide including a pair of rails, a carriage mounted on the slide and engageable with the rails to move therealong, a plurality of tool shafts rotatably mounted on the carriage and arranged in pairs, each of said tool shafts being provided at one end for the attachment of a tool thereto, chain sprockets connecting the shafts of each pair, a motor mounted on the carriage, and chain and sprocket means connecting the shaft of the motor with one shaft of each pair of shafts.

2,127,067
PORTEMONNAIE CONSTRUCTION
Frances Rainess Moss, Brooklyn, N. Y.
Application July 18, 1935, Serial No. 32,025
10 Claims. (Cl. 150—30)

1. In the construction of portemonnaie for women, a cover for the reticule of such portemonnaie, the reticule being formed with walls capable of moving away from each other to increase the capacity of the reticule, the cover comprising a single sheet of material foldable to bring portions of the same side edges of the sheet of material into juxtaposition, and a separable slide fastener for each of the side edges of the sheet, each slide fastener comprising a pair of tapes each carrying the complementary elements of a slide fastener, one of the tapes being mounted at the side edge, and the other tape being

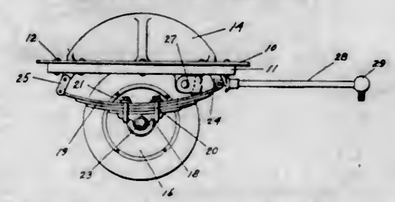


folded back upon itself to position portions of its edge not carrying elements in superimposed relationship, superimposed portions being secured together, and a pocket for the portemonnaie carried by the folded tape, the elements of the folded tape being engageable with the elements of the tape mounted at the side edge to draw the juxtapositionable side edge portions together for forming a receptacle to receive the reticule, the folded tape being completely separable from the side-edge-mounted tape so that the sheet of material may be opened out flat.

2,127,068
MANUFACTURE OF TANNING AGENTS
Paul Müller, Neu-Allschwil, near Basel, Switzerland, assignor to the firm J. R. Geigy A. G., Basel, Switzerland
No Drawing. Application April 25, 1935, Serial No. 18,256. In Germany May 11, 1934
8 Claims. (Cl. 149—5)

1. A process for producing tanning substances by condensing the sulphonic acid of a monohydric phenolic body of the benzene series in the sulphonation mass itself (resulting from the sulphonation of the said monohydric phenolic body of the benzene series with a sulphonating agent) with formaldehyde in the presence of urea, said process consisting in carrying out such reaction at an acidity obtained by partial neutralization of the sulphonating mass with an acid binding agent.

2,127,069
TRAILER SUSPENSION
August H. Niemann, Milwaukee, Wis.
Application September 16, 1936, Serial No. 101,118
2 Claims. (Cl. 280—33.5)



1. A device of the character described comprising in combination a horizontal plate, an annular bearing mounted at its circumferential area to

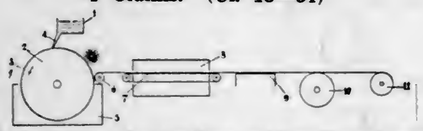
and adjacent the bottom side of said plate, a support member provided with a rectangular opening, guide plates extending upward at right angle to said support member on both sides of said opening, said support member rotatably mounted to said plate by means of said annular bearing, semi-elliptic springs mounted to the bottom of said support on both sides of the rectangular opening, bearings fastened to said semi-elliptic springs in opposite relation to one another, said bearings being provided with an opening in their lower sides, a tubular horizontal shaft, a wheel vertically mounted on said horizontal shaft, the ends of said shaft being journaled in said bearings on said resilient members, a rod through said shaft and bearing walls for retaining same in an assembled position, and means disposed outside of said bearings for attaching the device to an automobile or the like.

2,127,070

MANUFACTURE OF RUBBER THREAD

Ugo Pestalozza, Milan, Italy, assignor to Societa Italiana Pirelli, Milan, Italy

Application February 9, 1935, Serial No. 5,856
In Great Britain February 13, 1934
4 Claims. (Cl. 18—54)



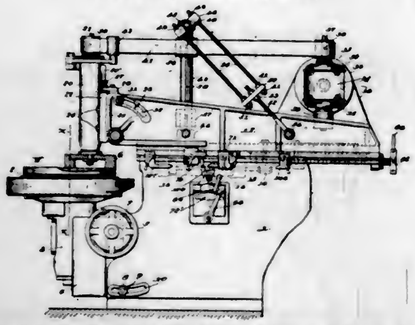
1. A process for making rubber thread, strip and like filamentary material of a predetermined cross-sectional area, which comprises depositing in fluid condition in a forming groove a quantity of heat-sensitized aqueous rubber dispersion sufficient upon subsequent mass-setting and drying to give a solid rubber filament of the predetermined cross-sectional area, the groove being progressively moved past a nozzle directing a fine stream of the dispersion into the groove, mass-setting the deposit in the groove by heating it therein, stripping the resulting filament from the groove prior to drying the same and drying the stripped filament.

2,127,071

APPARATUS FOR GRINDING

Charles H. Schmalz, Ridley Park, Pa.

Original application November 16, 1928, Serial No. 319,840. Renewed January 14, 1933, now Patent No. 1,973,511, dated September 11, 1934. Divided and this application August 9, 1934, Serial No. 739,171
4 Claims. (Cl. 51—56)



1. A grinding machine comprising a base, a rotatable work table supported therefrom, a reciprocal slide carried by the base, means for reciprocating the slide, a grinding wheel spindle supported from the slide and adapted to support a grinding wheel adjacent the table, said spindle being adjustable in a vertical plane parallel to the path of the slide, driving means for the spindle carried by the slide and also adjustable in said plane, a countershaft disposed between the driving means and the slide and similarly adjustable, and means for supporting the countershaft in adjusted position whereby said spindle, countershaft and driving means may be disposed in parallel relation throughout the range of adjustment of the spindle.

2,127,072

GRILLE FASTENER AND INSTALLATION THEREOF

George A. Tinnerman, Rocky River, Ohio, assignor to Albert H. Tinnerman, Cleveland, Ohio

Application February 17, 1937, Serial No. 126,265
1 Claim. (Cl. 24—73)



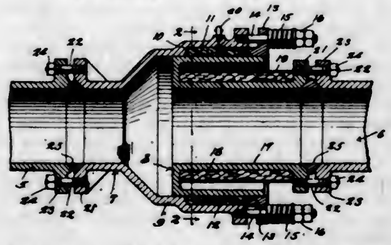
For detachably securing a protective covering to a radiator grille comprising spaced grille bars, a clip device comprising a single, integral piece of metal strip stock having a bent portion providing an elongated shank and a compressible head member for yieldably engaging said protective covering, said shank having a return bend at one end providing a hook for engaging a grille bar side wall and said head member comprising a base extending from the other end of said shank in the same general direction as said hook and having a bend providing an extension serving as a resilient bearing arm, said bearing arm being disposed intermediate said hook and base and extending toward said shank but out of contact therewith, whereby said shank and head members are adapted for independent free movement with respect to each other to compensate for irregular bearing surfaces in the grille bar and covering secured thereto, said bearing arm having a bend providing a wedging element for more effectively retaining the area of the covering engaged thereby in mounted position on the irregular surface of the grille bar.

2,127,073

AIR-COOLED STEAM PIPE EXPANSION JOINT

Frank J. Topping, Hinton, W. Va.

Application June 10, 1937, Serial No. 147,571
4 Claims. (Cl. 285—162)



1. A pipe coupling for connecting the ends of steam pipes, comprising cooperating inner and outer sections secured to adjacent ends of steam pipes, packing material disposed between the sections providing a steam-tight connection, said inner section embodying spaced inner and outer walls, a jacketing member secured around the inner wall of the inner section and spaced from the outer wall of the inner section, providing an air chamber, insulating the packing material against the heat of the steam passing through the pipe coupling.

2,127,074

IMPROVING CHROME ORES

Marvin J. Udy, Niagara Falls, N. Y.

No Drawing. Application September 21, 1937, Serial No. 164,988
20 Claims. (Cl. 75—1)

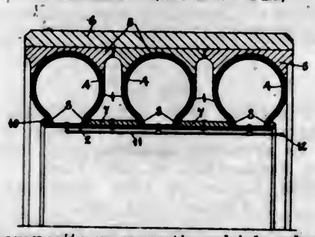
1. A process of utilizing natural chrome iron ore in the production of chromium and chromium alloys which comprises reducing one portion of said ore to produce a chromium-iron alloy, continuously fusing another portion of said ore in contact with said alloy in a molten condition, the proportions of ore and alloy, the temperature and the time of contact being sufficient to effect a substantial amount of reduction of iron from the fused ore by oxidation of chromium from the alloy with a substantial increment of chromium oxid in said ore, separating a low-chromium, high iron metal from the high-chromium fused ore, and smelting said high-chromium ore with a reducing agent so as to obtain a metal containing more than 70 per cent chromium.

2,127,075

COMPOSITE PNEUMATIC TIRE

Giuseppe Venosta, Milan, Italy, assignor to Societa Italiana Pirelli, Milan, Italy, an Italian company

Application June 15, 1935, Serial No. 26,831
In Italy June 19, 1934
7 Claims. (Cl. 152—342)



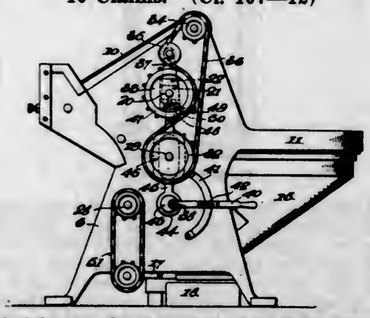
1. A composite pneumatic vehicle wheel tire of axially elongated cross-sectional form comprising in combination a plurality of beaded pneumatic tire cover carcases disposed coaxially side by side with an air space intervening between them and completely separating them for substantially the full radial depth of the carcases, whereby the latter are left completely free for independent lateral movement relatively to one another, replete each with inextensible beads, arranged each to be inflated by means of an inflatable inner tube inserted within the carcase and constituting each a load supporting element in the tire; a single tread extending collectively over the several carcases axially thereof; and annular rubber sockets carried upon the tread at the radial innermost side thereof and embracing the carcases over substantially the radial outer half of the external surface of each carcase so as to extend part way down the side walls of the carcases from the radial innermost side of the tread, thereby affording lateral support to the carcases and distributing therein the forces which during the use of the tire are conveyed to the carcases from the tread, said sockets being permanently bonded to said carcases and being spaced from one another axially of the tire so as to provide between each pair of adjacent sockets the said air space which intervenes between the carcases and completely separates said carcases for substantially their full radial depth.

2,127,076

DOUGH BRAKE

Wiltz W. Wagner and Clarence J. Lane, New Orleans, La.; said Lane assignor to said Wagner

Application February 13, 1937, Serial No. 125,624
10 Claims. (Cl. 107—12)



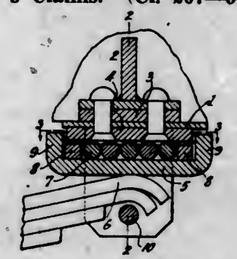
1. A drive mechanism for a dough brake wherein is provided a turntable, a pair of coacting spaced dough working rolls between which dough is fed from said turntable, and a belt passing over a driver roll and a supporting roll and coacting with said spaced rolls and serving to return the dough to said turntable; said drive mechanism comprising a drive sprocket movable with each dough working roll and with the driver roll, a chain passing over all said sprockets; power applying means rendering said chain effective to simultaneously drive said working and driver rolls, means for varying the spaced relation of said working rolls, and means movable with one of the working rolls for adjusting the chain to compensate for said spaced relation variation.

2,127,077

LEAF SPRING

Donald Russell Martin Yates, Highclere, Chislehurst, England

Application January 30, 1937, Serial No. 123,310
In Great Britain February 3, 1936
3 Claims. (Cl. 267—56)



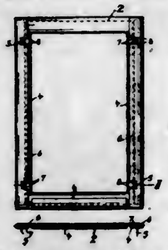
1. In combination, an upper race having depending walls, a lower race, a leaf spring upon which said lower race bears, bearing members between said races retained against displacement in one direction by said walls, a cage surrounding the depending walls and confining the bearing members against displacement in a direction at a right angle to the first mentioned direction, said cage being slidably mounted on the lower race so as to move with the bearing members when load is applied to the spring.

2,127,078

FRAME FOR PICTURES, PHOTOGRAPHS, PLACARDS, OR THE LIKE

Horst Zwicker, Leipzig, Germany; Gertrud Else Zwicker, administratrix of Horst Zwicker, deceased, assignor to the firm Horst Zwicker

Application December 21, 1934, Serial No. 758,699
In Germany March 24, 1934
5 Claims. (Cl. 40—152)



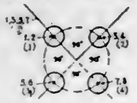
5. A picture frame comprising frame members having portions thereof folded over, pins on the frame for supporting the latter, parts of said folded portions forming guiding and retaining means for pictures inserted therein and other parts of said folded portions securing the pins to the frame and having openings therein through which the pins extend.

2,127,079

INLET MANIFOLD FOR INTERNAL COMBUSTION ENGINES

Jean A. H. Barkeij, Altadena, Calif., assignor to F. A. H. Barkeij, Malang, Java, Dutch East Indies

Application December 18, 1933, Serial No. 702,970
11 Claims. (Cl. 123—52)



1. In an eight cylinder engine, having its 16 valves arranged in two planes, each plane containing half of the inlet valves and half of the exhaust valves, each cylinder having a single inlet and a single exhaust valve, a double and separate inlet manifold structure connecting each with half the number of inlet valves having suction intervals of 180 degrees, said manifolds being arranged lengthwise the engine, one manifold connected with the cylinders having a suction order 1, 3, 5, 7, the other manifold connected with cylinders having a suction order 2, 4, 6, 8, each manifold having a primary zone of distribution and two primary branches extending therefrom lengthwise the engine, each primary branch thereof being connected with an outer and inner cylinder of its respective group, said latter two cylinders being non-adjacent and the distances from the carbureting means in said manifolds to the cylinders of the engine being unequal.

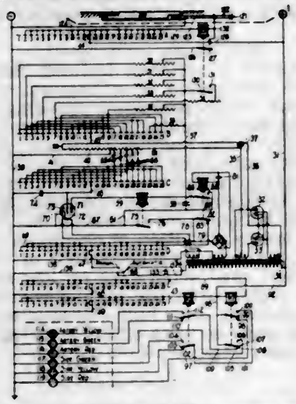
2,127,080

TIMER

John L. Barker, White Plains, and Harry A. Wilcox, Bronxville, N. Y., assignors to Automatic Signal Corporation, New York, N. Y., a corporation of Delaware

Application January 7, 1936, Serial No. 57,882
4 Claims. (Cl. 175—375)

1. In a timing apparatus a rotary type switch having a plurality of positions and corresponding contacts closed in certain of the positions, an electro-magnet for advancing said switch from one position to the next in succession, a condenser, means for charging said condenser over a period of time, a gas-filled tube having a cathode, an anode and a grid, and which tube has a minimum voltage for conduction between the anode and cathode determined by the potential of the grid in respect to the cathode, a circuit including said anode and cathode and a relay,



said circuit paralleling said condenser whereby said circuit is rendered conducting by said tube when the voltage across said condenser has reached said minimum voltage for conduction, means operated by said relay to energize said electro-magnet, and means co-operating with some of said contacts to provide different potentials on said grid in different positions of the switch so as to adjust correspondingly the time periods in such positions.

2,127,081

FOLDER FOR CONTAINERS

Robert Rea Brown, Upper Montclair, N. J., assignor to Outserts, Incorporated, New York, N. Y., a corporation of New York

Application August 25, 1936, Serial No. 97,735
7 Claims. (Cl. 40—7)



1. In combination, a continuous strip folder and a support, said folder including a flap extending between the body of said folder and said support, and adhesive limited to a small area at the back of a sheet of said folder at a substantial distance from its edges attaching said folder to said support so that its back surface lies adjacent said support leaving the remainder of said sheet free from said support, said folder being adapted to be removed from said support as a whole without rupturing or dismembering it, said flap being adapted to hold said folder closed when in position on said support.

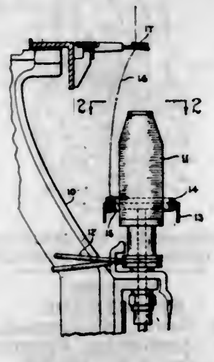
2,127,082

TRAVELER FOR TWISTER RINGS

Carl R. Delagrange, Fall River, Mass., assignor to Firestone Cotton Mills, New Bedford, Mass., a corporation of Massachusetts

Application July 24, 1935, Serial No. 32,860
2 Claims. (Cl. 118—61)

1. A traveler for twister rings, said traveler comprising a member having hooked ends adapted slidingly to engage a twister ring, and a generally tubular eyelet thereon constructed and ar-



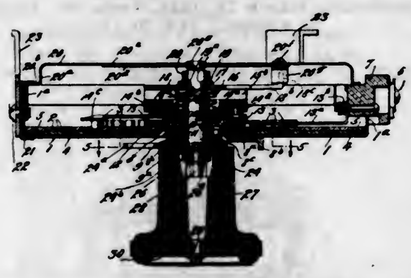
ranged to extend radially inwardly of the main body of said traveler when in operation.

2,127,083

RHEOSTAT

Kasson Howe, Larchmont, N. Y., assignor to Ward Leonard Electric Company, a corporation of New York

Application November 13, 1935, Serial No. 49,499
10 Claims. (Cl. 201—48)



1. A rheostat comprising a rotatable shaft, a contact arm operated by said shaft, a stop mounted on the face of the rheostat, a pointer having a portion extending within an opening of said shaft and adapted to engage said stop, a plate having a portion extending within an opening of said shaft and having oppositely bent portions, operating means for rotating said shaft mounted on said oppositely bent portions and spaced thereby from the end of said shaft, and means for holding said pointer and said plate in position on said shaft.

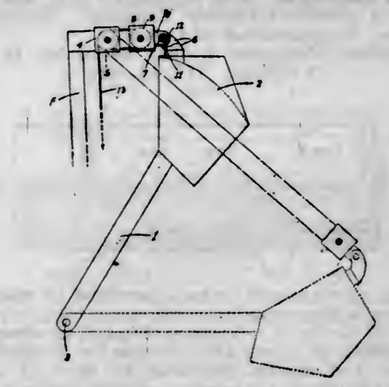
2,127,084

SHEAVE-BLOCK MOUNTING

Robert Gilmore Le Tourneau, Peoria, Ill., assignor to R. G. Le Tourneau, Inc., a corporation of California

Application January 7, 1938, Serial No. 183,820
3 Claims. (Cl. 254—195)

1. A sheave-block mounting comprising a relatively thin ear rigid with and projecting from the back of the block, said ear having an initially circular hole therethrough whose axis is parallel to that of the sheaves of the block, a fixed round pin of smaller diameter than the hole projecting therethrough, and an element secured in and partially filling the hole and engaging the pin on one side only while maintaining the pin at a



diametrally opposed point in contact with the adjacent wall portion of the hole.

2,127,085

TROLLEY WIRE SUPPORT

Samuel S. Matthes, Mansfield, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey

Application January 17, 1936, Serial No. 59,538
Renewed September 24, 1937
12 Claims. (Cl. 191—39)



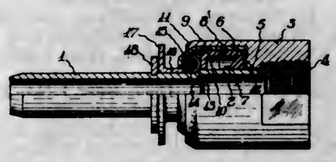
1. A tension member for a trolley wire device comprising a metal rod, an insulating covering for the entire surface of the rod and having a lower specific tensile strength than that of the metal rod, means interlocking the ends of the rod to the inner surface of the covering, the outer surface of the ends of the covering being threaded right and left hand respectively to interlock with threads on the said device, the threading on the ends of the covering overlapping the interlock between the rod and covering.

2,127,086

HOSE COUPLING

William L. McGrath, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York

Application May 20, 1937, Serial No. 143,748
6 Claims. (Cl. 285—168)



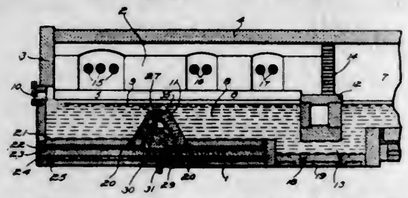
1. In a vacuum hose coupling, a nipple having a smooth cylindrical portion, a socket having a bore for receiving the nipple and a yielding packing member in the form of a laterally grooved ring having a flange bearing on the nipple, and means in the socket for locking the nipple therein, said means being biased to locking position by the expansive action of the packing member.

2,127,087

WEIR FOR GLASS MAKING TANK

Vergil Mulholland, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Application November 4, 1935, Serial No. 48,183
12 Claims. (Cl. 49—54)



1. A weir adapted to be submerged in molten glass in a glass making tank, comprising a plurality of blocks of refractory material meeting in a plurality of joints all of which lie in vertical planes, and means individual to each of said joints for blowing a gaseous cooling medium locally onto said joints respectively in the planes thereof and for substantially the entire lengths of said joints to freeze any glass penetrating the joints between the blocks.

2,127,088

FEEDER AND THE LIKE FOR ELECTRIC CURRENTS OF HIGH FREQUENCY

William Spencer Percival, Hanwell, and Eric Lawrence Casling White, Hillingdon, England, assignors to Electric & Musical Industries Limited, Hayes, England, a British company

Application February 12, 1935, Serial No. 6,190
In Great Britain February 15, 1934
24 Claims. (Cl. 250—33)



12. A feeder for electric currents of high frequency, said feeder comprising a conductor, a conducting sheath surrounding said conductor, and means associated with said sheath for increasing the impedance offered by said sheath to the travel of undesired waves therealong, said means including an auxiliary conductor an odd multiple including unity of a quarter wavelength electrically connected at one end to said sheath and open at the other end.

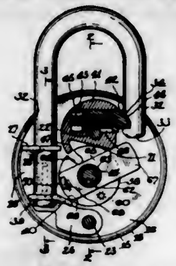
2,127,089

PERMUTATION LOCK

Charles H. Schamp, Milwaukee, and Daniel J. Foote, West Allis, Wis., assignors to Master Lock Company, Milwaukee, Wis., a corporation of Wisconsin

Application July 15, 1937, Serial No. 153,692
10 Claims. (Cl. 70—25)

1. A permutation lock comprising a lockable member, locking means for said member including a movable locking member, a rotatably adjustable tumbler for blocking the unlocking movement of said locking member and movable out of blocking position, a shiftably mounted member for obstructing the unlocking movement of said locking member, said shiftably mounted member having a driving connection with said tumbler and movable thereby out of obstructing position when said tumbler is adjusted to its unblocking position, and means controlled by the movement



of said lockable member for returning said shiftably mounted member to its obstructing position.

2,127,090

INSECTICIDE

Lloyd E. Smith, Washington, D. C.

No Drawing. Application February 26, 1937, Serial No. 127,942
2 Claims. (Cl. 167—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

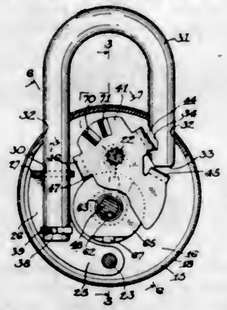
2. An insecticide containing as its essential active ingredient 4,6-dinitro-o-tolyl acetate.

2,127,091

PERMUTATION LOCK

Harry E. Soref and James Keith Marshall, Milwaukee, Wis., assignors to Master Lock Company, Milwaukee, Wis., a corporation of Wisconsin

Application March 18, 1938, Serial No. 196,660
16 Claims. (Cl. 70—25)



1. In a permutation lock, the combination of a lockable member, a movable locking member for said lockable member, a rotatably adjustable tumbler for blocking the unlocking movement of said locking member and movable out of blocking position, a shiftable member for obstructing the unlocking movement of said locking member, said shiftable member having a driving connection with said tumbler and movable thereby out of obstructing position, means for limiting the movement of said shiftable member, and means controlled by the locking movement of said lockable member for returning said shiftable member to its obstructing position.

2,127,092

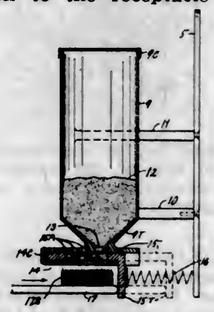
POWDER DISPENSER

Einar L. Sovad and Arthur W. Schneuer, St. Paul, Minn.

Application July 30, 1937, Serial No. 156,524
2 Claims. (Cl. 221—62)

1. A powder dispensing device of the class described comprising a wall plate, an upright powder receptacle rigidly fixed in spaced parallel relation to said plate, said receptacle adapted to

be opened at its top end, its bottom end tapered downwardly and provided with a central outlet, valve means communicating with said outlet and including a horizontal tube integral of the bottom of the receptacle and a slide valve reciprocable in said tube, said valve movable from the communicative position to selective discharge position to release powder downwardly and in spaced relation to the receptacle outlet, said



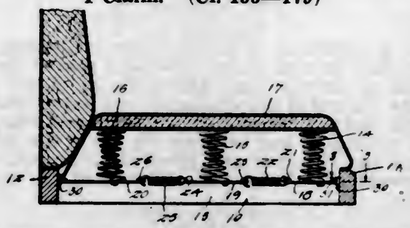
valve comprising a slide reciprocable in the bore of said tube, a downwardly directed tongue integral of said valve member, a compression coil spring interposed between said tongue and the wall plate, said valve formed with a row of vertical apertures passing under the receptacle outlet to be filled with powder, said tube open rearwardly and downwardly at its end nearest the wall plate to release powder from said aperatures.

2,127,093

SPRING SEAT CONSTRUCTION

Albert W. Steffens, Pittsburg, Kans.

Application November 16, 1935, Serial No. 50,231
1 Claim. (Cl. 155—179)



A spring structure comprising a substantially rectangular frame, a plurality of parallel spaced apart members disposed within the frame, each member comprising a pair of metallic outer strap members, an intermediate metallic strap member, each of said strap members having reverted opposite ends with the outer ends of said outer strap members having loops integral therewith, pairs of spaced apart springs connecting the adjacent ends of said outer strap members with said intermediate strap member and engaging through the reverted ends of said strap members, a pintle extending through each looped end, offset ends carried by each pintle, means securing each offset end to said frame, and a vertically disposed coil spring carried by each strap, said coil springs having the lower ends thereof fixedly secured to a strap.

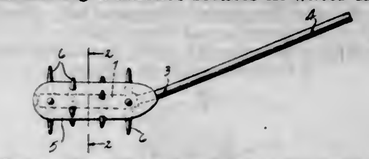
2,127,094

MEANS AND METHOD OF VAGINAL TREATMENT

Oscar A. Strauss, Milwaukee, Wis.

Application October 29, 1934, Serial No. 750,455
3 Claims. (Cl. 128—269)

1. An instrument comprising the combination with a rod, of a set of sponge rubber fingers vulcanized to said rod adjacent one end thereof to project from the rod in a plurality of radial directions, and a body of saponified medicated compound having a surface soluble in water envelop-



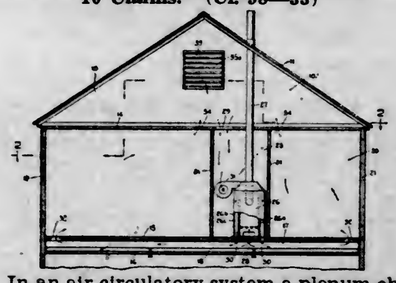
ing the portion of said rod to which said fingers are attached and beyond which said fingers project.

2,127,095

AIR CIRCULATORY SYSTEM

William E. S. Strong, New York, N. Y., assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York

Application April 24, 1936, Serial No. 76,113
10 Claims. (Cl. 98—33)



1. In an air circulatory system a plenum chamber, an air-collection chamber spaced apart from the said plenum chamber, a conduit extending between said air-collection chamber and said plenum chamber and communicating at its respective ends therewith, air conditioning means operatively positioned in said conduit, a plurality of utilization chambers between said plenum chamber and said air-collection chamber, outlet means adjustable from closed to open position leading from said plenum chamber into said utilization chambers, outlet means adjustable from closed to open position leading from said utilization chambers into said air-collection chamber, and means for effecting a forced circulation of air from said air-collection chamber through said conduit, and therewith in conditioning relationship with said conditioning means, into and throughout said plenum chamber, distributively into and throughout said utilization chambers, to return finally to said air-collection chamber for continued re-circulation.

2,127,096

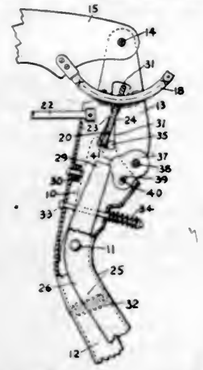
POLYCYCLIC AROMATIC ALDEHYDES AND CARBOXYLIC ACIDS AND A PROCESS OF PREPARING THEM

Heinrich Vollmann, Frankfort-on-the-Main-Hochst, and Hans Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 8, 1937, Serial No. 124,774. In Germany February 11, 1936
8 Claims. (Cl. 260—523)

1. The process which comprises causing ozonized oxygen to act at about room temperature on an aromatic compound containing at least four condensed nuclei in the presence of a liquid inert diluent and decomposing the ozonide thus obtained.

2,127,097
SAFETY EMERGENCY BRAKE LEVER
Floyd D. Wenn, Binghamton, N. Y., assignor to The Brewer-Titchener Corporation, Cortland, N. Y., a corporation of New York
Application September 16, 1937, Serial No. 164,111
6 Claims. (Cl. 74—531)



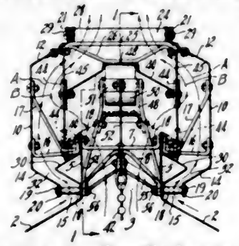
1. A safety brake lever comprising knuckle jointed thigh and shank sections, a main pivot mounting the thigh section thereon for rocking movement, stationary sector bar means provided with a superficially smooth perimeter, releasable clutch means carried by the thigh section and cooperatively mounted to frictionally grip the sector bar means when the brake lever is rocked in one direction, a manipulative trip lever pivotally mounted upon the brake lever and operatively connected to liberate the grip of said clutch means, and automatic locking means for positively retaining the trip lever and thereby blocking said trip lever against manipulative pivotal movement upon bringing said clutch means into gripping engagement with the sector bar means.

2,127,098
PROCESS FOR THE PREPARATION OF 2,6-DICHLOROANTHRAQUINONE
Myron S. Whelen, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 24, 1936, Serial No. 87,119
1 Claim. (Cl. 260—384)

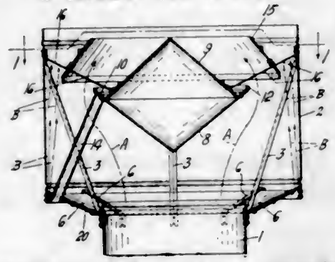
In the process for preparing 2,6-dichloroanthraquinone by replacement of both sulfonic acid groups of a 2,6-anthraquinonedisulfonic acid compound, the step which comprises employing as the starting material 2,6-anthraquinonedisulfonic acid.

2,127,099
RIDGE TYPE VENTILATOR
Anton K. Whitaker, Cuyahoga Falls, Ohio, assignor to The Burt Manufacturing Company, Akron, Ohio, a corporation of Ohio
Application July 1, 1936, Serial No. 88,395
9 Claims. (Cl. 98—42)

1. In a ventilator of the ridge type adapted to be mounted over a building ventilation opening, a casing composed of two parallel windbands spaced at their upper edges to provide a free discharge opening, walls within the casing on opposite sides of the building ventilation opening, a damper located in the casing and movable toward and from the ventilation opening in a vertical line, said damper being extended laterally to intercept rain entering the discharge opening and to direct it to the sides of the casing, the lower edges of the casing being spaced from the roof to permit free access of wind below the ventilation opening, deflectors below the ventilation opening to direct the wind against the inner walls of the casing and upwardly past the ventilation opening to the discharge opening, and means at the end of the casing to cover the ventilation opening sufficiently to prevent the entrance of rain at that point.



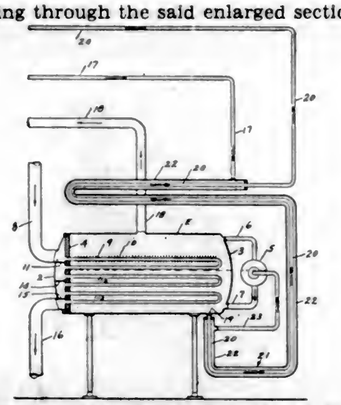
2,127,100
VENTILATOR (UNITARY TYPE)
Anton K. Whitaker, Cuyahoga Falls, Ohio, assignor to The Burt Manufacturing Company, Akron, Ohio, a corporation of Ohio
Application July 1, 1936, Serial No. 88,396
2 Claims. (Cl. 98—84)



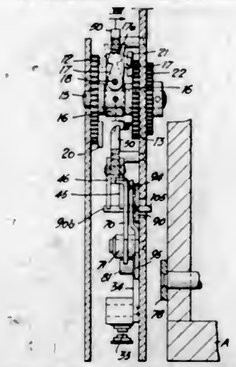
1. A ventilator of the unit type comprising an air shaft and an outer windband spaced therefrom, a director cone above the air shaft and below the top of the windband, and a ring-shaped baffle located entirely below the upper edge of the windband, and between the top of the windband and the cone and adapted to prevent the entrance of rain into the interior of the ventilator.

2,127,101
REFRIGERATING APPARATUS
Glenn F. Zellhoefer, Bloomington, Ill., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill., a corporation of Illinois
Application March 29, 1937, Serial No. 133,519
1 Claim. (Cl. 62—119)

In an absorption refrigerating apparatus including a horizontal cylindrical evaporator of the flooded type provided with a float valve, for controlling the level of the liquid refrigerant therein, within a chamber, a pipe for leading the liquid refrigerant from the condenser to the float valve chamber, a pipe for leading the gaseous refrigerant from the evaporator to the absorber, and a bleeder orifice opening through the bottom of the evaporator into a pipe depending therefrom to form a liquid trap and that is to then lead to the absorber, said latter pipe on leaving the evaporator passing through an enlarged substantial section of the pipe leading the liquid refrigerant to the float valve chamber, the size of the bleeder and the length of said enlarged section so related that the solvent carried over from the heater with the gaseous refrigerant and passing through the float valve is removed from the bottom of the evaporator with a sufficient portion of the liquid refrigerant to be volatilized in passing through the said enlarged section and the solvent separated therefrom swept into the absorber.



2,127,102
REVERSING MECHANISM
Rolf Erik Annerén and Bengt Carlström, Atvidaberg, Sweden, assignors to Aktiebolaget Facit, Atvidaberg, Sweden, a corporation of Sweden
Original application November 13, 1933, Serial No. 697,710. Divided and this application September 30, 1936, Serial No. 103,261. In Germany March 30, 1933
24 Claims. (Cl. 192—145)

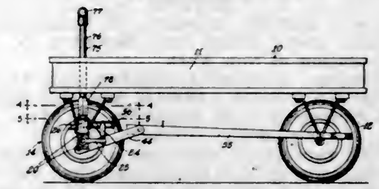


1. In a calculating machine having a unidirectional motor, an actuator adapted to be rotated in either direction and a shaft operative to rotate said actuator; two spur gears rotated in opposite directions by said motor, a projection on each of said gears, a pawl rotatable with said shaft and pivotally secured thereto about an axis at right angles to the axis of rotation of the shaft, the free end of said pawl extending radially beyond the peripheries of said spur gears, and means engaging said pawl radially beyond said peripheries for pivoting said pawl into engagement with either of said projections and out of engagement with both said projections.

2,127,103
REACTION PRODUCTS OF A PRIMARY ALCOHOL AND A TERTIARY ARALKYL AMINE SULPHURIC ACID SALT
Herman A. Bruson, Elkins Park, and Otto Stein, Lansdowne, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application April 13, 1935, Serial No. 16,238
14 Claims. (Cl. 260—563)

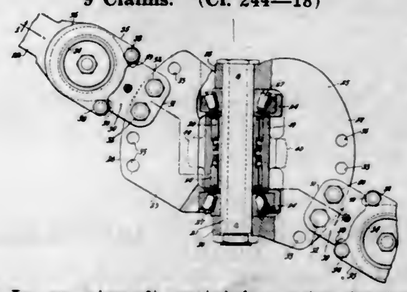
6. The method of preparing water-soluble products which comprises heating equimolecular amounts of a neutral primary alcohol containing at least two carbon atoms and a pre-formed acid sulphuric acid salt of a tertiary amine said tertiary amine being selected from the group consisting of aralkyl N-dialkylamines and N-aralkyl saturated heterocyclic amines.

2,127,104
VEHICLE
Harrison Bucklin, Rochester, N. Y.
Application October 21, 1936, Serial No. 106,737
6 Claims. (Cl. 280—87.01)



1. In a wheeled vehicle, the combination with an occupant-controlled steering medium, of a wheel-and-axle assembly with respect to the wheels of which said steering medium is adapted to exercise steering control, said assembly including a draft head, a link unit pivotally connected to said head, releasable latch means for retaining said link unit in a generally forwardly extended position with relation to the vehicle and adapted to be released so as to condition said link unit for movement toward a position of alignment with relation to said head, a tongue pivotally connected to said link unit, and releasable clutch means for connecting said head to and disconnecting it from said wheels whereby said tongue is rendered selectively operable and inoperable as a steering medium with relation to said wheels, said head upon being disconnected from said wheels being rendered freely rotatable to such a position that when said link unit is moved from unlatched to latched position it will extend generally toward the rear of the vehicle and will there serve to support said tongue in inactive position.

2,127,105
AIRCRAFT SUSTAINING ROTOR
Harris S. Campbell, Willow Grove, Pa., assignor to Autogiro Company of America, Willow Grove, Pa., a corporation of Delaware
Application May 25, 1937, Serial No. 144,580
9 Claims. (Cl. 244—18)



1. In an aircraft sustaining rotor having a hub and a blade, a mechanism for mounting the blade on the hub including a pivot having its axis oblique to the blade axis when viewed in plan and another pivot the axis of which is perpendicular to the blade axis, the two axes lying in radial planes angularly spaced from each other.

2,127,106
PRIMARY DETONATING EXPLOSIVE
Leroy R. Carl, Buffalo, N. Y.
No Drawing. Application September 15, 1937, Serial No. 163,917
6 Claims. (Cl. 52—2)

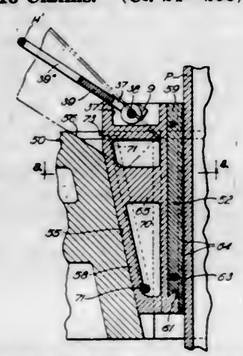
1. A primary detonating composition comprising sulphur nitride and an oxidizing agent selected from the class consisting of alkali metal chlorates and alkali metal bromates.

2,127,107
PROCESS OF PRODUCING COEROXENOL ESTERS
Thomas A. Cassidy, Brooklyn, N. Y., assignor to Wilmot and Cassidy, Inc., Brooklyn, N. Y., a corporation of New York
No Drawing. Original application July 24, 1934, Serial No. 736,631. Divided and this application October 3, 1936, Serial No. 103,911
8 Claims. (Cl. 260—335)

1. The process of producing a substituted coeroxenol ester of high purity and yield and suitable for addition to lubricating oil to impart fluorescence thereto which comprises reducing a substituted coeroxonol in an alkaline medium containing an organic solvent soluble in water and that does not react with the subsequently added esterifying agent and then esterifying.

3. The process of producing dimethyl 6,12-coeroxenol acetate of high purity and yield which comprises treating dimethyl 6,12-coeroxonol with pyridine, caustic alkali and zinc dust and esterifying by the addition of acetic anhydride.

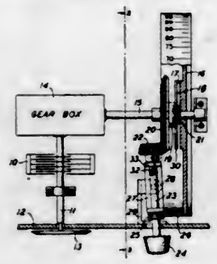
2,127,108
WELL DRILLING APPARATUS
Dennis L. Driscoll, Los Angeles, Calif., assignor to Lawrence F. Baash, Los Angeles, Calif.
Application March 4, 1936, Serial No. 67,080
18 Claims. (Cl. 24—263)



1. A bushing for a rotary table comprising a body having a polygonal opening of unvarying width, and having slots in the walls of the opening for receiving slips.

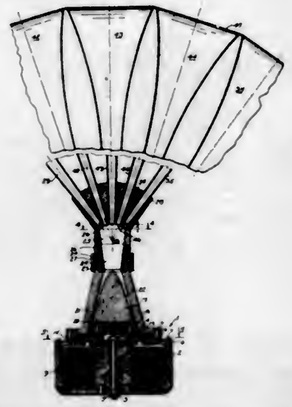
2,127,109
DRIVING MEANS FOR ADJUSTABLE APPARATUS
George B. Engelhardt, Hartsdale, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 13, 1936, Serial No. 110,621
7 Claims. (Cl. 116—124.3)

1. In an adjustable electrical apparatus, a main shaft, a second shaft connected to the main shaft through reduction gearing, a scale secured to said main shaft, a scale secured to said second shaft, a plurality of drives for actuating said second shaft



at different speeds and a movable shaft for actuating said drives independently, said scales cooperating with each other for indicating the adjusted position of the apparatus.

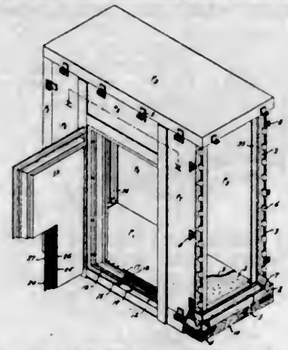
2,127,110
ACOUSTIC DEVICE
Clair L. Farrand, Beverly Hills, Calif., assignor to United Research Corporation, Burbank, Calif., a corporation of Delaware
Application August 3, 1936, Serial No. 94,072
10 Claims. (Cl. 181—31)



1. An acoustic device comprising an annular diaphragm having a single annular trough therein, a housing forming a sound box for said diaphragm, said sound box having a sound exit opening therein at the center of and within the trough portion of said diaphragm, and means attached to the convex side of said trough for actuating said diaphragm.

2,127,111
INSULATED STRUCTURE
Luther E. Gaenzle, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application June 27, 1934, Serial No. 732,669
13 Claims. (Cl. 72—16)

1. An insulated structure comprising insulating panels grooved at the portions thereof adapted to contact contiguous panels to define channels therebetween, key strips disposed in said channels, and locking means securing contiguous panels together and sealing the joints therebe-



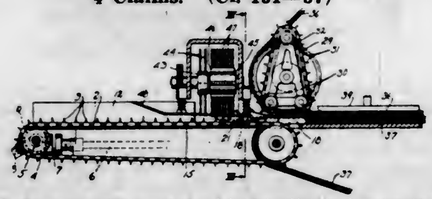
tween by substantial compression of one of said materials.

2,127,112
SAW TOOTH
William E. Gibbs, Milwaukie, Oreg.
Application January 12, 1937, Serial No. 120,150
4 Claims. (Cl. 143—141)



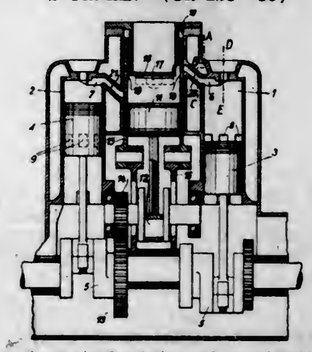
1. An insert tooth having its outermost cutting edge stepped by having one side higher than the other and having the portions thereof substantially normal to the plane of the saw, the cutting faces of said stepped portions having a greater total width than does the portion of the tooth immediately behind said cutting edges, said tooth having a curved back and having the planes of the outer faces intersecting the line of curvature of said back.

2,127,113
LEAF MACHINERY
Joseph Gough, Newark, N. J., assignor, by mesne assignments, to Samuel Johnson and Joseph Bower, doing business as Johnson Machinery Exchange, Newark, N. J.
Application June 28, 1934, Serial No. 732,863
In Great Britain November 3, 1933
4 Claims. (Cl. 131—57)



3. In a machine of the kind indicated, a toothed conveyor means for leaf masses, a table onto and over which said conveyor can thrust at least the stem ends of the leaf masses, said table having a side-by-side relation to said conveyor and causing at least the stem ends of the leaf masses to be raised from the teeth of the conveyor, a revolving finger means to thrust into the stem ends of the leaf masses on said table in a direction more or less at right angles to the table top and then move in a direction away from the conveyor and along the table, means to support said finger means in such position that the finger means acts, on each portion of a leaf mass segregated by it, to move the same away from the conveyor after the table has caused the respective portion to be raised from the teeth of the conveyor, and means to revolve said finger means at such a speed, relative to the speed of the conveyor, that the said finger means acts on substantially each leaf mass a plurality of times.

2,127,114
TWO-STROKE INTERNAL COMBUSTION ENGINE
Wilhelm Grab, Freiburg in Baden, Germany
Application April 19, 1937, Serial No. 137,774
In Germany April 24, 1936
2 Claims. (Cl. 123—59)

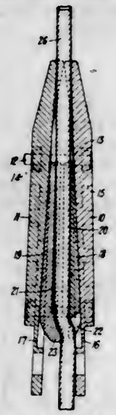


2. In a two-stroke internal combustion engine comprising two working cylinders, working pistons therein, piston rods and a common crank-shaft, an inlet port in each working cylinder close to the cylinder head, an inner helical slope extending tangentially from the inlet port inside the working cylinder, exhaust ports in the cylinder walls, a pump cylinder located between and in alinement with the working cylinders, a pump piston therein, an auxiliary crank-shaft connected to said pump piston, a two to one ratio driving gear between both crank-shafts, an inlet port in the pump cylinder, oppositely arranged outlet ports in the pump cylinder forming direct communications with the inlet ports of the working cylinders respectively, a sleeve-valve located between the pump cylinder and its piston, and an eccentric driving connection between the common crank-shaft and the sleeve-valve for controlling the supply of gas mixture to the working cylinders through said outlet and inlet ports, the arrangement being such that the mixture is supplied to the working cylinders without compression during the main part of the charging stroke of the pump piston, a final supply being made under pressure during the remaining part of said charging stroke which corresponds to that part of the return stroke of the working piston necessary for closing the exhaust ports.

2,127,115
ROPE SOCKET OR CAPEL
William Lindsay Hamilton, Glasgow, Scotland
Application August 19, 1937, Serial No. 159,865
In Great Britain August 27, 1936
3 Claims. (Cl. 24—126)

1. A rope socket comprising a pair of plates interconnected in face to face relation, the opposing faces of each of said plates having longitudinally extending guides, a pair of clamping members interposed between said plates and slidable along said guides, the opposing faces of said

clamping members having cooperating grooves providing between them a space for a rope to be clamped, one of said clamping members having a toe piece at one end beyond the groove in said other member and projecting at least in part



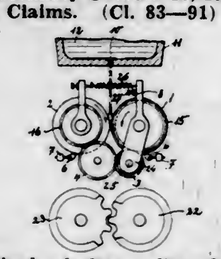
across said rope space, whereby when a rope is clamped between said clamping members a part of it will be deflected by said toe piece from alignment with that part which is clamped within said grooves.

2,127,116

MANUFACTURE OF ENAMEL

Walter Heimberger, Bayreuth, Germany, assignor to Firmitana Metallkeramik G. m. b. H., Bayreuth, Germany

Application October 4, 1935, Serial No. 43,478
In Germany October 10, 1934
3 Claims. (Cl. 83—91)



1. The method of dry-cooling fused enamel comprising rolling-out the hot fused enamel between artificially cooled surfaces rotating at different speeds.

2,127,117

COPPER ALLOYS

Franz R. Hensel, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware

No Drawing. Application February 5, 1937, Serial No. 124,230
3 Claims. (Cl. 75—153)

1. An alloy consisting of lithium .002 to .01%, chromium .10 to 1.5% and the remainder copper.

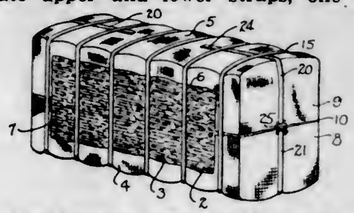
2,127,118

COTTON BALE COVER HOLDER

Francis J. Herbelin, Galveston, Tex.

Application March 21, 1935, Serial No. 12,234
3 Claims. (Cl. 100—14)

1. A holder for bale coverings of the type where the covering extends over the top, bottom and ends of the bale and is confined by transverse ties around the bale, said holder including separate upper and lower straps, one end of



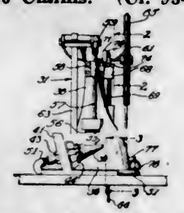
each of said straps being held in place by being positioned beneath the transverse ties, and a buckle on the other end of one strap adapted to receive the end of the other strap.

2,127,119

METHOD AND APPARATUS FOR MAKING SHADES

Joseph O. Howard, Chicago, Ill., assignor to Sail-Me Company, Inc., Chicago, Ill., a corporation of Illinois

Application November 22, 1935, Serial No. 51,141
10 Claims. (Cl. 93—1)



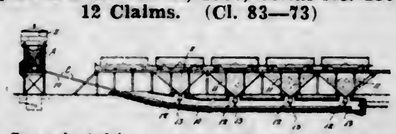
1. The method of making a rotating lamp shade, comprising severing a blank into a plurality of component parts, forming one of said parts into a rotatable element, and using another of said parts as a supporting member for said rotatable element.

2,127,120

BATCHER, BATCH CHARGING, AND TRANSFER SYSTEM

Charles S. Johnson and Charles H. Johnson, Champaign, Ill., assignors to The C. S. Johnson Company, Champaign, Ill., a corporation

Application March 11, 1937, Serial No. 130,392
12 Claims. (Cl. 83—73)



4. In a batching, conveyor, and charging system for aggregate materials, in combination, mixing means, a batch charger for the mixing means, remotely located batch measuring instrumentalities, conveyor means intermediate the said batch measuring instrumentalities and the batch charger, discharge devices for the batch charger and for the batch measuring instrumentalities, and mechanism for operating said batch discharge devices in timed relation, including a single common control device.

2,127,121

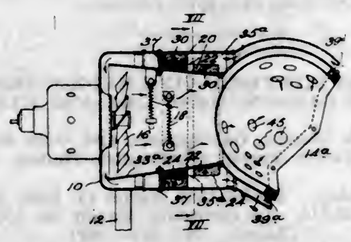
DRIER FOR HAIR AND SKIN

John E. Kelley, Larchmont, N. Y.

Application September 24, 1932, Serial No. 634,693
5 Claims. (Cl. 34—26)

4. A drier of the character described comprising a casing, a tube inside said casing spaced

from and extending from adjacent the front end of said casing to adjacent the rear end of said casing, an opening at the inner end of said tube from the space between the casing and tube to the space within the tube, an opening at the front end of the casing to the space between said casing and tube, a concave wall at the outer portion of said tube spaced from said tube, means clos-



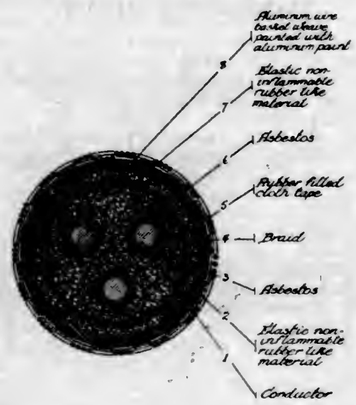
ing the space between said tube and concave wall at the outer end of the tube and wall, openings in said concave wall, and a fan, said fan propelling air through said tube to and out of the openings in said concave wall, and drawing air through the space between said tube and casing through the opening at the front end of the casing and outer end of said tube.

2,127,122

ELECTRIC CABLE

William F. Lamela, East Paterson, N. J., assignor to The Okonite Company, Passaic, N. J., a corporation of New Jersey

Application January 11, 1936, Serial No. 58,668
2 Claims. (Cl. 173—266)



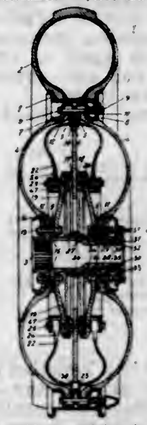
1. An electric cable comprising in combination a plurality of conductors each insulated with an elastic non-inflammable rubber-like substance produced by dissolving a polymerized vinyl-halide at an elevated temperature in a substantially non-volatile organic solvent, a sheath of flame-retarding, moisture-resistant material about the insulation of each conductor, said conductors being assembled with asbestos rovings to produce a core, rubber filled tape about said core, flame-retarding, moisture-resistant material about said tape, a sheath about said last mentioned material of non-inflammable rubber-like substance produced by dissolving a polymerized vinyl-halide at an elevated temperature in a substantially non-volatile organic solvent, and a wire braid about said sheath.

2,127,123

CUSHIONING OF AUTOMOBILES OR LIKE VEHICLES

See Thie Liem, The Hague, Netherlands

Application June 4, 1935, Serial No. 24,805
In the Netherlands March 30, 1935
5 Claims. (Cl. 152—41)



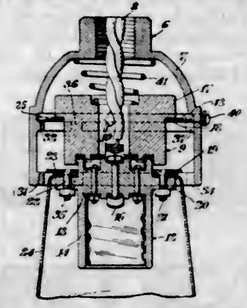
1. In a pneumatic cushioning device for a vehicle, one or more annular low pressure air chambers of elastic material, spaced guide members, each chamber having a disc-shaped guide plate guided by said guide members in a plane vertical to the wheel axle, so that lateral deviation during the flexing is prevented, said disc-shaped guide plate or plates and the associated guide members being arranged inside the low-pressure air chamber, means being provided for adjusting the guide members of the plate from the outside in the direction of the axle of the wheel.

2,127,124

ELECTRIC FIXTURE

Isaac Litner, Brooklyn, N. Y., assignor to Bright Light Reflector Co. Inc., Kings County, N. Y.

Application October 7, 1936, Serial No. 104,427
4 Claims. (Cl. 173—358)



1. In an electric fixture terminal, a housing, supply wires, an insulated block carrying at its lower end contact members to which the supply wires are attached, said block having a smooth peripheral wall and a projecting flange, an annular plate loosely surrounding said block and underlying said flange, the edge of said plate having projections which engage abutments within the housing, a connector unit comprising a body portion having contacts engageable with the contact members of said block, a second plate secured to said body portion and having extensions engaging abutments within said housing in spaced

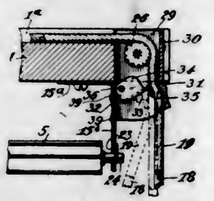
relation to said first mentioned plate, and a spring bearing against said housing and said block to firmly hold the flange of said block against said first mentioned plate.

2,127,125

VENETIAN BLIND STRUCTURE

Hans K. Lorentzen, Montclair, N. J.

Original application April 4, 1935, Serial No. 14,557. Divided and this application October 15, 1936, Serial No. 105,689
1 Claim. (Cl. 156—17)



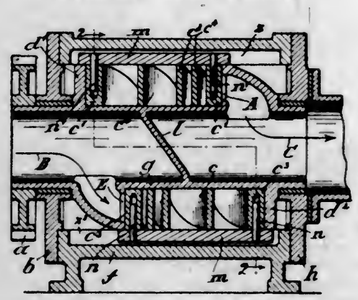
For incorporation in a Venetian blind structure in which there is a tilt slat and other slats, all articulated and positioned beneath a suspension bar, the bar having in its upper surface a longitudinal groove for the passage of raising and lowering cords and having at one end a notch connecting said longitudinal groove with the bottom of the bar; a unitary fitting comprising: a vertical member for supporting one end of the tilt slat, a cord lock assembly attached to said vertical member, said assembly having a hollow casing open at the top and bottom and positioned to lie in said notch, the assembly also having a guide pulley to receive operating cords running in said horizontal groove, and a single attachment member for attaching said vertical member and said assembly to the suspension bar, the attachment member being positioned to extend across the bottom face of the suspension bar in non-overlapping relation to said notch.

2,127,126

COMPRESSOR OR OTHER ENGINE

Otto Lutz, Feilbach, near Stuttgart, Germany

Application September 15, 1936, Serial No. 100,856
In Germany September 18, 1935
7 Claims. (Cl. 230—180)



1. A device of the kind described, comprising in combination, a casing member enclosing a cylindrical chamber, a rotatable shaft member extending axially through said chamber, a plurality of overlapping, helical, pistons surrounding said shaft member, said pistons being guided for axial motion relative to both of said members and for rotation relative to one of said members, a cam plate structure fixed to said one of said members and contacting said pistons to force them to reciprocate axially relative to said chamber as said shaft member is rotated, an inlet passage successively communicating with the respective spaces between adjacent pistons, and an outlet passage also successively communicating with said spaces after they have been cut off from communication with said inlet passage.

2,127,127

PROCESS FOR PRODUCING HYDROCARBONS FROM CARBON MONOXIDE AND HYDROGEN

Friedrich Martin, Oberhausen, and Otto Roelen and Walter Feisst, Oberhausen-Holten, Germany

No Drawing. Application March 14, 1936, Serial No. 68,916. In Germany March 20, 1935
2 Claims. (Cl. 260—169)

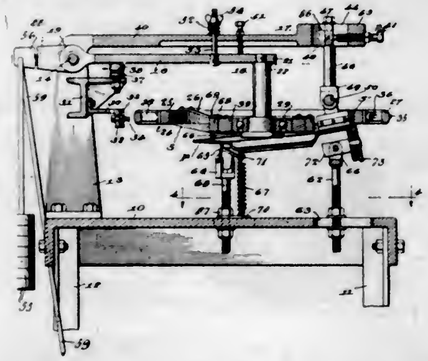
1. The process of producing hydrocarbons which comprises reducing a material adapted for the formation of a catalyst by reduction at a temperature above normal, cooling down the catalyst thus obtained in a current of an inert gas, treating the cooled catalyst with a mixture of hydrocarbons containing low-boiling fractions, and passing a mixture of a carbon oxide and hydrogen at elevated temperature in contact with the catalyst thus treated.

2,127,128

STENCILING APPARATUS

Raymond G. Martin, Washington, Pa., assignor to Solar Laboratories, a corporation of Pennsylvania

Application May 10, 1937, Serial No. 141,672
11 Claims. (Cl. 101—114)



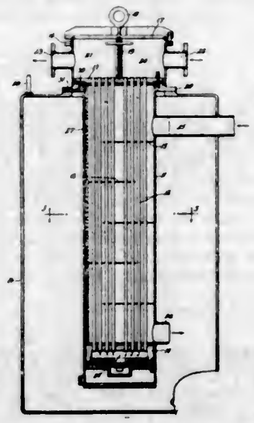
3. In a stenciling apparatus, a stencil screen provided with a generally arcuate pervious portion extending around a portion of the periphery thereof and representing a closed design to be applied to the peripheral rim portion of a saucer-like article, the mean extent of said arcuate pervious portion being equal to the mean circumference of the closed design, said pervious portion of the screen being confined within an area of the screen which is a frustum of an obtuse cone of less angularity than the angularity of the obtuse cone within the surface of which the peripheral rim portion of the article lies, means for supporting said screen for oscillation about its central axis, means for supporting said article for revolution about its axis with the frusto-conical peripheral rim portion thereof in rolling line contact with said screen, and means for applying decorating material through said screen and onto said peripheral rim portion.

2,127,129

LUBRICATION EQUIPMENT AND METHOD OF VENTING THE SAME

Daniel Raymond McNeal, Abington, Pa., assignor to Andale Company, Philadelphia, Pa., a corporation of Pennsylvania

Application September 2, 1936, Serial No. 99,042
5 Claims. (Cl. 257—224)



1. The method of venting accumulated gases or vapors from the shell space of a tube and shell type heat exchanger, which method consists in flowing the fluid in the shell space subject to constriction in a direction away from the place of accumulation and utilizing the drop in pressure between the region of the fluid inlet and the region of the fluid outlet to flow the gases or vapors under less constriction from the place of accumulation and discharge them into the circulating fluid in the region of said fluid outlet.

4. Lubrication equipment comprising in combination an oil reservoir chamber, an oil cooler casing housed in said reservoir chamber, an oil inlet to said casing near the upper end thereof, an oil outlet from said casing discharging from a point near the bottom thereof into said reservoir chamber, baffle means in the casing between the inlet and the outlet, a venting conduit extending from a point in the casing just below the upper end wall thereof to a point in the region of said outlet, and a vent on said reservoir chamber.

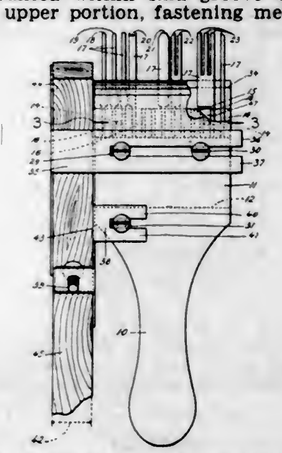
2,127,130

PLASTER DESIGN MARKING TOOL

Ernest G. Meuwsen, Scarsdale, N. Y.

Application November 5, 1937, Serial No. 172,932
3 Claims. (Cl. 72—128)

1. A marking and grooving tool comprising a handle and an upper portion having a groove at its lower end, a notched plate mounted transversely and parallel to said groove upon the inside face of said upper portion, resilient and removable teeth having end portions to fit within the notches of said notched plate, a removable upper portion to fit upon said groove and against the inside face of said upper portion, said removable upper portion having a transverse, parallel groove to co-act with said notched plate, a plate mounted within said groove of said removable upper portion, fastening means for securing said removable upper portion to said upper portion.

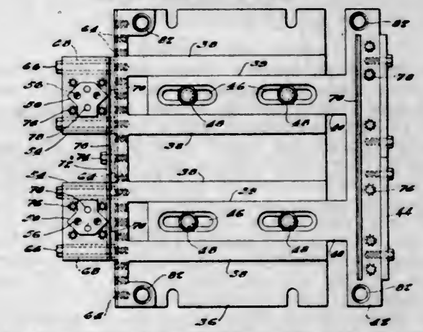


2,127,131

DIE FOR THE PRODUCTION OF BOX BLANKS

Carl A. Moeller, Randolph, Mass., assignor to Mary R. Claff and C. Lloyd Claff, trustees

Application April 16, 1937, Serial No. 137,255
14 Claims. (Cl. 93—58)



1. A die for the production of box blanks comprising two relatively movable die members, each die member being composed of two component members secured to one another to be capable of adjustment in one direction, and each of said die members being provided with a cutter member, the corresponding cutter members of said movable die members being adapted for cooperation when the die members are moved toward one another and means for simultaneously adjusting the component members of each die member whereby to maintain the alignment of said cutter members during the adjustment thereof.

2,127,132

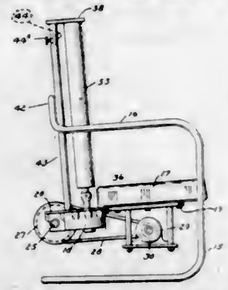
OSTEOPATHIC MACHINE

Edward R. Monroe, Black River, Mich., assignor, by direct and mesne assignments, to Osteo Vitalizer Company, Chicago, Ill.

Application August 17, 1936, Serial No. 96,379
7 Claims. (Cl. 128—57)

6. An osteopathic machine of the character described and including a chair having a resiliently mounted back and seat frame, a pair of vertically disposed, kneading rolls mounted

thereon and in position to engage a patient's back on either side of the spinal column, a gear box mounted on the chair seat frame and in



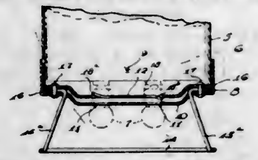
which the lower ends of the shafts are journaled, gears on said shafts, and driving means connected to said shafts for acuating said driving rolls.

2,127,133

LANTERN BASE SUPPORT AND LAMP SOCKET

William M. Moxley, Kansas City, Mo.

Application November 4, 1937, Serial No. 172,817
2 Claims. (Cl. 240—10.63)



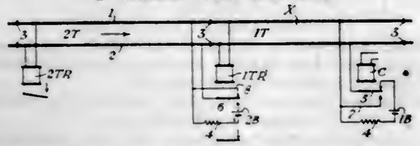
2. An electric lantern comprising a shell, a web of sheet material spanning the bottom of said shell and constituting a bottom for the same, a pair of legs each comprising a horizontal bowed portion which lies above said bottom, the legs passing from said bowed portion downwardly through openings formed in said bottom, a clamp plate lying above said bottom, of a length to extend from one side of the shell to the other and to overlie the bowed portions of the legs, binding means for drawing the end portions of the clamp plate forcibly toward that portion of the bottom which overlies the bowed portions of the legs, said bottom being provided with an opening or openings of a size to permit the shanks of light bulbs to pass freely therethrough and the clamp plate being provided with a corresponding opening or openings shaped to receive the usual threaded portions of said light bulbs as and for the purposes set forth.

2,127,134

RAILWAY TRACK CIRCUIT APPARATUS

Frank H. Nicholson, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application July 25, 1935, Serial No. 33,083
1 Claim. (Cl. 246—34)



In combination, a first and a second section of railway track, means for supplying coded current to the rails of said first section, a code following track relay for said first section responsive to said coded current, means including a back contact of said track relay for repeating said coded current into said second section, and means including a front contact of said track relay for closing a shunt path across the rails of said second section to thereby discharge the energy stored in the rails and ballast of said second section in order to eliminate distortion of the coded current repeated into said second section.

2,127,135

PROCESS FOR THE POLYMERIZATION OF VINYL ESTERS AND THEIR DERIVATIVES OR HOMOLOGUES OR MIXTURES OF THESE SUBSTANCES

Hermann Plauson, Hamburg, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa.

No Drawing. Original application January 30, 1931, Serial No. 512,494. Patent No. 2,086,093. Divided and this application January 4, 1935. Serial No. 358. In Germany February 1, 1930
6 Claims. (Cl. 260—2)

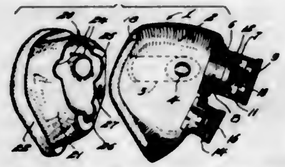
1. The process of forming aqueous dispersions of vinyl esters which comprises emulsifying the monomeric ester in water containing an emulsifying agent which has no chemical action on the products of polymerization and subjecting the emulsion to polymerizing influences.

2,127,136

SANITARY GUARD FOR INHALERS

Albert I. Pobirs, Providence, R. I.

Application March 25, 1937, Serial No. 132,887
1 Claim. (Cl. 128—205)



The combination with an anaesthetic inhaler of a pressure deformable character substantially throughout its extent, of a guard member comprising an internally fitting removable shell formed of substantially imperforate thin material of a shape adapted to fit within and conform substantially with the interior surface of the anaesthetic inhaler and having a portion thereof flexible to conform substantially with change in shape of the deformable portion of said inhaler, and an elastic skirt portion carried by said guard member and located adjacent to the free edge thereof foldable over the free edge of said inhaler to grip the outer surface thereof resiliently.

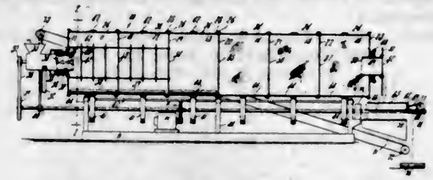
2,127,137

APPARATUS FOR TREATING FINELY DIVIDED POWDERS

Howard W. Price, Borger, Tex., assignor, by mesne assignments, to J. M. Huber Corporation, Borger, Tex., a corporation of Delaware

Application January 17, 1934, Serial No. 706,909
3 Claims. (Cl. 259—3)

1. An agglomerating apparatus comprising in combination a rotatable drum divided into cylindrical compartments longitudinally thereof by partitions, means for feeding finely divided solid material into the first compartment, central openings in the partitions whereby the material supplied to the first compartment is allowed to overflow into the next and successive compartments from one end of the drum to the other upon rotation thereof, and a light free roller



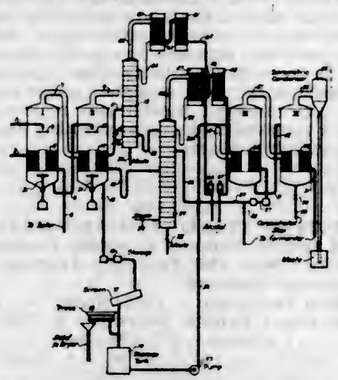
within each of a predetermined number of the first of said compartments also operable upon rotation of said drum, the subsequent compartments being free of rollers.

2,127,138

PROCESS FOR SIMULTANEOUSLY EVAPORATING AND DISTILLING LIQUIDS

Gustave T. Reich, Philadelphia, Pa.

Application April 25, 1934, Serial No. 722,295
8 Claims. (Cl. 202—45)



1. In a continuous process for distilling fermented liquors to produce a high proof alcohol in a multiple effect evaporator, wherein the first effect is maintained at above atmospheric pressure, and the second effect is maintained at a partial vacuum, and the heating of the second effect being by means of a calandria, the steps of distilling off vapors from the fermented liquor of the first effect more than sufficient to vaporize the residual alcoholic liquor from the first effect in the second effect, thereby producing an almost fully dealcoholized condensate in the said calandria, which is led off for further processing, if desired, and also maintaining uncondensed in said calandria an alcohol of high proof in vapor phase, drawing off and collecting the alcohol of high proof directly from the calandria separately from the dealcoholized condensate, while maintaining the pressure of the first effect on said dealcoholized condensate.

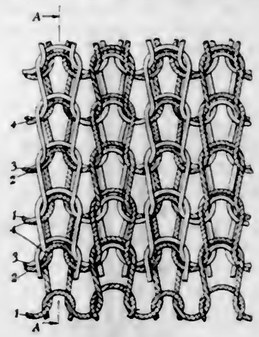
2,127,139

KNITTED FABRIC AND IN THE METHOD OF PRODUCING SAME

Wilfred Reynolds and Frank Bonser, Hucknall, England, assignors to Interlock Patents Limited, Nottingham, England

Application May 7, 1936, Serial No. 78,326
In Great Britain May 9, 1935
19 Claims. (Cl. 66—197)

1. A rib knitted fabric of the interlock type wherein the stitches of adjoining or successive



stitch wales at each side or face of the fabric are aligned across the fabric.

2,127,140

PROCESS FOR DEMULSIFYING CUT OILS AND THE LIKE

Harold Jay Robertson, Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine

No Drawing. Application December 29, 1934, Serial No. 759,767
4 Claims. (Cl. 196—4)

1. The process of breaking petroleum emulsions which comprises subjecting the emulsion to the action of a reagent including a water soluble soap and cyclohexanol.

2,127,141

COMPOSITION AND PROCESS FOR DEMULSIFYING CUT OILS AND THE LIKE

Harold Jay Robertson, Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine

No Drawing. Application December 29, 1934, Serial No. 759,768
8 Claims. (Cl, 196—4)

7. The process of breaking petroleum emulsions which comprises subjecting the emulsion to the action of a reagent including a water softening agent and a reaction product of ammonia and a compound of the formula



in which R is a hydrocarbon radical and R_1 is a radical selected from the class consisting of hydrogen and hydrocarbon radicals.

2,127,142
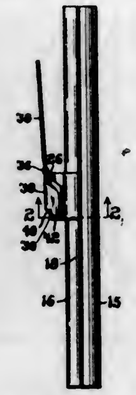
WINDSHIELD WIPING DEVICE

Raymond A. Rodrick, Akron, Ohio

Application March 3, 1936, Serial No. 66,815
7 Claims. (Cl. 15—250)

1. A wiper blade having a clip projecting from the back thereof, said clip provided with seats on each lateral side thereof, a channeled attaching member adapted to saddle said clip; lugs projecting inwardly from each side wall of said attaching member; said lugs adapted to snap into said seats to hingedly secure the attaching member to said clip and means to engage the channeled end portion of a wiper arm with the side walls of said channeled end portion of said

wiper arm holding the walls of said attaching member against said clip to retain said lugs in



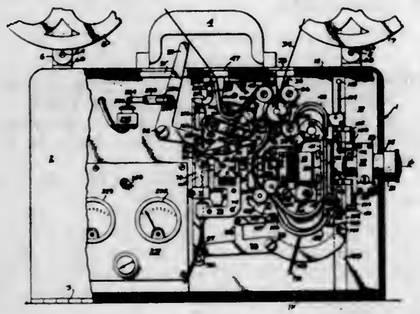
said seats and means to secure said attaching member to the shank of such wiper arm.

2,127,143

TALKING MOTION PICTURE PROJECTOR

Ernest Ross, Elmhurst, Long Island, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware

Application July 16, 1935, Serial No. 31,546
6 Claims. (Cl. 88—16.2)



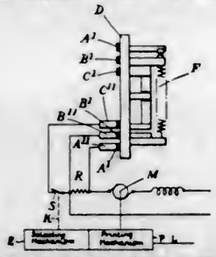
1. A sound motion picture projector comprising a portable casing, a mounting plate in said casing, a sprocket, a picture aperture, a sound aperture, said sprocket being adapted to thread said film through said apertures, a loop former between said sprocket and said picture aperture, a loop former between said picture aperture and said sound aperture, a flywheel roller mounted in fixed position between said picture aperture and sound aperture, a pressure roller adjacent said flywheel roller, and cooperating therewith, a unitary support for said pressure roller and said second-mentioned loop former, said pressure roller and said second-mentioned loop former being pivoted about a common point, all of said aforementioned elements being mounted on said mounting plate, and means for positioning said loop formers in loop forming positions and simultaneously removing said pressure roller from said flywheel roller, said means being movable to another position for positioning said loop formers in inoperative position and said pressure roller in operative position with respect to said flywheel roller.

2,127,144

TELEPRINTER

Reginald Dennis Salmon, Croydon, England, assignor to Creed and Company Limited, Croydon, England

Application March 5, 1936, Serial No. 67,255
In Great Britain June 21, 1935
1 Claim. (Cl. 178—23)



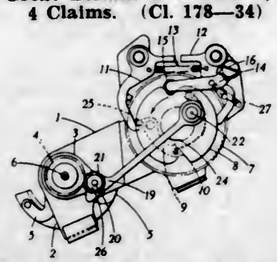
Printing telegraph receiver comprising selecting and printing mechanisms, a motor for driving such mechanisms, a disc fixed to the shaft of said motor two speed governors mounted on the said disc, contacts on each governor arranged in series in the motor circuit, the said contacts being open when the speed reaches a given value, different for each governor, switch contacts shunting when closed the governor contacts that open at the lower speed, and means actuated under the control of said selecting mechanism responsive to particular received signals, for opening and closing said switch contacts.

2,127,145

PRINTING TELEGRAPH APPARATUS

Reginald Dennis Salmon, Croydon, England, assignor to Creed and Company Limited, Croydon, Surrey, England

Application December 2, 1936, Serial No. 113,756
In Great Britain December 6, 1935
4 Claims. (Cl. 178—34)



1. Translating mechanism for printer telegraph apparatus for receiving signals composed of two different types of elements, a sun and planet wheel arrangement for each character element received, a connecting rod for each character element, the axis of each planet wheel being mounted on one end of said connecting rod, means rotatable through a half revolution according to the type of signal element received, and means for attaching the other end of said connecting rod to said means.

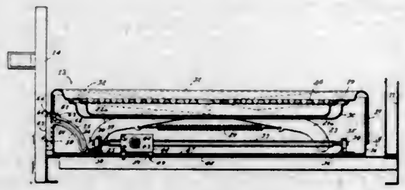
2,127,146

ADJUSTABLE BROILER FOR RANGES

Louis J. Smallen, Los Angeles, Calif.

Application May 25, 1935, Serial No. 23,344
16 Claims. (Cl. 126—41)

1. In combination with a broiler compartment of a range, a broiler device slidable into and out of said compartment, said device comprising a sub-structure and a broiler pan support vertically adjustable relative thereto, elevating means movable with said device for adjusting and supporting said broiler pan support at different elevations relative to the sub-structure, and rela-



tively stationary manually operable means on the range having a sliding connection with said elevating means for operating the same in any position to which the broiler device may normally be moved in or out relative to the broiler compartment.

2,127,147

METAL CLEANING AND PICKLING

John V. Vaughen, Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 24, 1935, Serial No. 18,010
16 Claims. (Cl. 148—8)

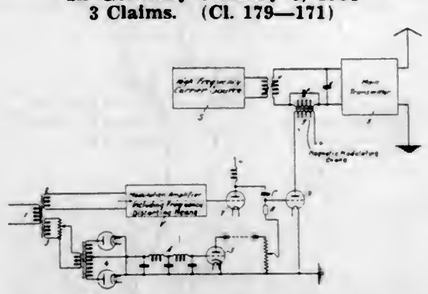
15. In a process of cleaning and pickling metals the step comprising subjecting the metals to the action of a non-oxidizing acid which contains a resin of the group consisting of resins prepared by reacting an unsaturated aldehyde with an ammonium sulfide, their concentrated non-oxidizing mineral acid dispersion-reaction products, and salts of the dispersion-reaction products.

2,127,148

METHOD OF MODULATING HIGH FREQUENCY TRANSMITTERS

Hans Wehrlin, Berlin-Lichterfelde, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany

Application January 3, 1935, Serial No. 283
In Germany January 6, 1934
3 Claims. (Cl. 179—171)



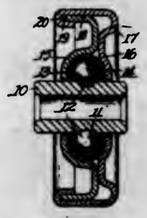
1. A modulating system comprising a high frequency carrier source, a low frequency signal source, means having a modulation characteristic, a multi-stage amplifier for amplifying the low frequency signal, means for causing the amplified low frequency signal to modulate the high frequency carrier at a point on said characteristic, means for displacing said point on said characteristic in accordance with the mean amplitude of the low frequency signal, means including a low time constant circuit coupling said second and third means to said modulating means, said low time constant causing a distortion of the low frequency signal and means for predistorting the low frequency signal in a complementary sense prior to the final low frequency amplification stage.

2,127,149

BALL-BEARING ROLL

Edward E. Whitney and Lewis W. Hontoon, Worcester, Mass., assignors to Matthews Manufacturing Company, Worcester, Mass., a corporation of Massachusetts

Application May 20, 1935, Serial No. 22,326
1 Claim. (Cl. 301—5.7)



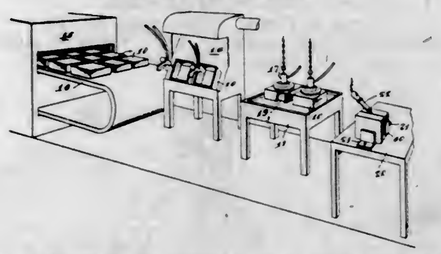
As an article of manufacture, a ball bearing roll comprising a set of bearing balls, a shaft on which the balls directly bear, a double casing for retaining the balls split in the center, and a roll formed of sheet metal and formed of two pieces, having plane radial surfaces, just outside said ball retaining casing, in contact with each other for a material distance entirely beyond and around the outer surface of said ball casing, engaging the opposite parts of the casing, one of the pieces of the roll extending beyond the plane of separation of the two parts of the ball casing and having a cavity enclosing one part of the split casing and said piece being in contact with the adjacent edge of the other to cover the joint therebetween.

2,127,150

METHOD OF FORMING HOLLOW GLASS ARTICLES

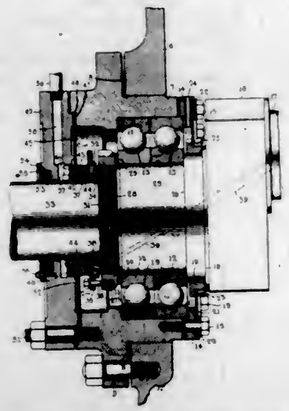
Willard P. Zimmerman and Minot K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company, a corporation of Ohio

Application October 31, 1936, Serial No. 108,530
6 Claims. (Cl. 49—82)



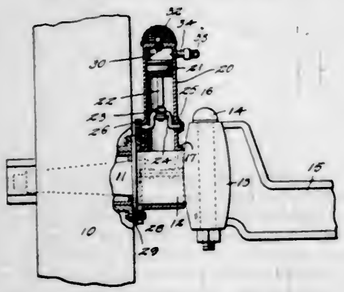
1. The method of manufacturing a hollow glass article which comprises forming sections of the article in a mold, utilizing the residual heat from the forming operation to effect a union between the edges of the sections to be joined and a molten metal whereby said edges become coated with said metal, annealing said sections and allowing the same to cool, reheating said coated edges to remelt the metal thereof, contacting the reheated and coated edges, and allowing the same to cool whereby the metal thereof becomes solidified and united.

2,127,151
SEALED JOINT FOR ROTARY SHAFTS
Jacob G. Aldinger, York, Pa., assignor to York Ice Machinery Corporation, York, Pa., a corporation of Delaware
Application March 23, 1935, Serial No. 12,703
7 Claims. (Cl. 286—9)



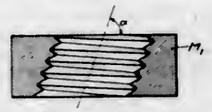
1. The combination of a pair of sealing rings in face contact with each other, one of said rings being carried by and encircling a rotating shaft and the other of said rings also encircling said shaft and being supported by an elastic diaphragm which holds it against rotation; a fulcrum engaging said diaphragm and so arranged that irrespective of reversals of fluid pressure differential acting on the diaphragm, the diaphragm urges the ring supported thereby toward the other ring; means for conducting oil under low effective pressure to an annular area substantially at the middle of the area of contact of the two rings; means for resisting flow of oil from said middle area toward one margin of the area of contact of the rings; and means comprising channels formed in the face of one ring for permitting flow from said middle area to the other margin of the area of contact of the rings.

2,127,152
AIR COMPRESSOR
Loys S. Boone, Hugheston, W. Va.
Application September 30, 1937, Serial No. 166,672
1 Claim. (Cl. 230—35)



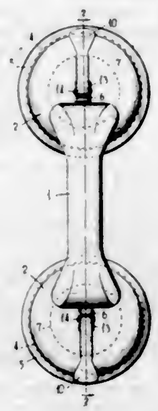
In combination, a ground wheel of a vehicle and a spindle on which said ground wheel is journaled, a gear member detachably mounted on said wheel to rotate therewith, an air compressor removably mounted on said spindle having cylinders, pistons operable in the cylinders, crankshafts connected to the pistons, pinions on the crankshafts enmeshed with said gear member, said air compressor having a crankcase of two separable arcuate sections, one of said sections being secured to the spindle, bearings between the junction edges of said sections in which said shafts are journaled, said cylinders radiating from one of the sections, each cylinder having a normally closed air inlet valve and a normally closed air outlet valve, and a manifold with which the last mentioned valves communicate to conduct compressed air to storage or point of use, said manifold being in sections connecting adjacent cylinders and located intermediate the ends of the cylinders.

2,127,153
LOCK NUT
Donald Bratt, Goteborg, Sweden
Application May 4, 1936, Serial No. 77,836
In Sweden January 7, 1936
4 Claims. (Cl. 151—21)



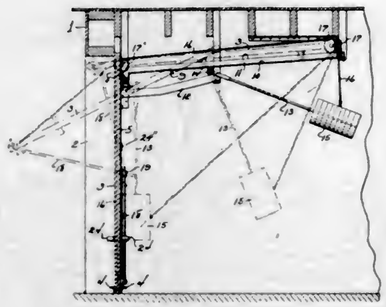
1. A threaded lock-nut in which the pitch of the thread, reckoned in relation to a fixed base plane, is constant and the geometrical axis of the thread is rectilinear and oblique to said base plane.

2,127,154
HANDLING IMPLEMENT FOR PLATE GLASS AND THE LIKE
George W. Burk, Chicago, Ill., assignor to Adolph F. Lange, doing business as Henry G. Lange Machine Works, Chicago, Ill.
Application July 9, 1936, Serial No. 89,815
4 Claims. (Cl. 294—64)



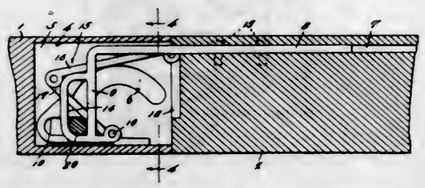
1. A handling implement for plate glass and the like comprising a member having an intermediate grip portion adapted to be grasped by the hand and having cup-shaped enlargements at its opposite ends, a suction disc element supported in each enlargement, spring means compressed between the central area of each suction disc element and the opposite inner surface of the enlargement for normally maintaining said element in flat condition, means for retracting the central area of each suction disc element comprising a stem having one end embedded in the element and its opposite end projecting from the enlargement, and manually operable means connected to said projecting end for imparting lengthwise movement to said stem.

2,127,155
OVERHEAD DOOR
John B. Caldwell, Toronto, Ontario, Canada
Application June 24, 1937, Serial No. 150,175
2 Claims. (Cl. 20—19)



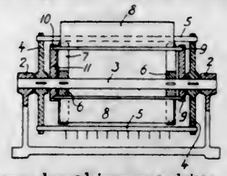
1. A door operating mechanism for a garage door comprising horizontally arranged tracks mounted in a garage adjacent the roof thereof and including vertically arranged portions located adjacent a doorway of the garage, a door, rollers journaled on said door and engageable with the track, counterbalance means connected to said door, rods journaled on said door, members journaled on the garage and slidably receiving said rods, and stops carried by said rods to abut said members to bring about swinging movement of the door in combination with a sliding movement on the tracks after said door has been slid for a limited distance in a vertical direction away from a floor of the garage.

2,127,156
HINGE
Hamilton J. Chapoton, Utica, Mich.
Application September 9, 1937, Serial No. 163,130
4 Claims. (Cl. 16—166)



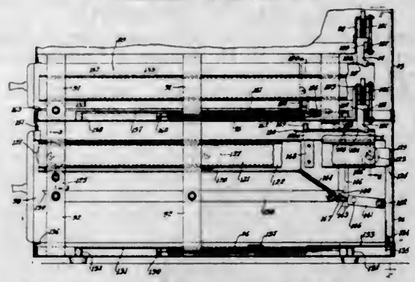
1. A door hinge comprising a supporting member pivotally mounted on a casing and slidably connected to a door, a plate mounted on the casing, said plate having a cam slot therein, a toggle pivotally connected, at one end, to the casing and at its other end to the door, an elongated guide on the supporting member, an elongated guide on the toggle, and a pin operable in the cam slot and engaged in the guides, said pin constituting means for operatively connecting the toggle to the supporting member for actuation thereby.

2,127,157
HEMP BREAKING MACHINE
Christian Christiansen, Oslo, and Gustav Otto Karl Rüsch, Mandal, Norway
Application November 24, 1936, Serial No. 112,566
In Norway November 27, 1935
5 Claims. (Cl. 19—128)



1. In a hemp breaking machine, a needle belt having spaced needle holders, wheels for supporting and driving said needle belt, and a device for removing the hemp from said needle belt at the delivery end of the same, said device comprising a plurality of hemp removal members, mounted in supports connected to and rotatable with the said belt driving wheel at the delivery end of said needle belt, and means for causing radial movements of each said member during predetermined portions of its rotation, said members being adapted to operate in the spaces between adjacent needle holders.

2,127,158
SLIDABLE DRAWER
Harold W. Clark, Alliance, Ohio, assignor to the McCaskey Register Company, Alliance, Ohio, a corporation of Ohio
Original application March 2, 1936, Serial No. 66,620. Divided and this application August 24, 1936, Serial No. 97,581
4 Claims. (Cl. 45—94)

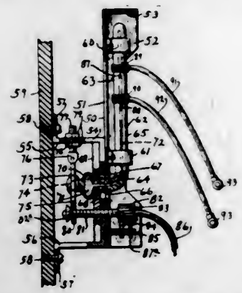


1. Apparatus including a chassis frame, a drawer slidably mounted within said frame, a telescoping plate detachably connected to said drawer, a latch bolt cooperating with said telescoping plate for normally retaining the drawer in closed position, spring means for normally urging the drawer to open position, means for releasing the latch bolt, and means for disengaging the telescoping plate from the drawer after the latch bolt has been released.

2,127,159
THERMOSTAT FOR ELECTRIC CIRCUITS
Edward Collins, 3rd, Philadelphia, Pa.
Application August 27, 1935, Serial No. 38,077
5 Claims. (Cl. 200—141)

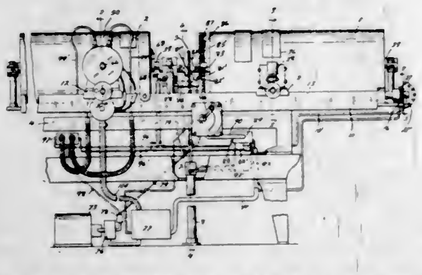
1. A mercurial thermostat for use in closing an

electric circuit, said thermostat including a casing, a mercury thermometer, a bent stem to said thermometer, a channel running longitudinally within said bent stem, mercury within said bulb and said channel, terminal means in said circuit entering said channel in spaced relation from the outside, holding means for securing said thermometer to said casing, said bulb being flattened in the direction of the axis of that part of said stem immediately adjacent said stem, a lug extension on said bulb opposite to and in line with the last mentioned part of said stem, a bracket attached to said casing positioned near said bulb,



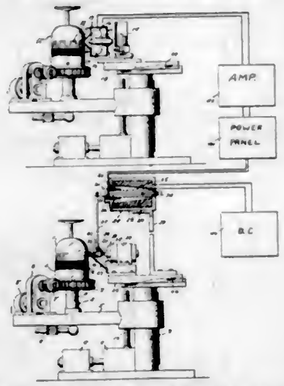
a leg to said bracket extending at an angle to said casing, a slot in said leg, extending longitudinally of the same, a bolt through said slot secured adjustably by nuts to said leg, a lever pivoted to said bolt and positioned to be across said lug and in contact therewith, a seat for said bulb having a hole therein through which said stem part next to said bulb passes said seat being connected with said casing, and means for adjustably forcing said lever against said lug, to compress said bulb against said seat, to force said mercury up said channel to close the circuit between said spaced terminal means.

2,127,160
ENGRAVING APPARATUS
Everett J. Cook, Toledo, Ohio, assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio, a corporation of Ohio
Application February 19, 1934, Serial No. 712,085
25 Claims. (Cl. 178—6.6)



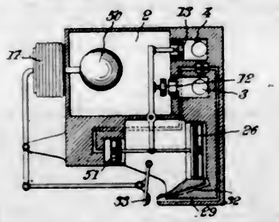
1. In a light sensitive engraving apparatus, the combination of a reciprocable image carrying member, a reciprocable work carrying member, a unit having a light sensitive cell for scanning the image, a unit having a reciprocable cutter movable into and out of engagement with the work and adapted to cut the work to an appreciable depth, said cutter being controlled by said light sensitive cell, and means for securing an advance in timing of the scanning with respect to the timing of the cutting.

2,127,161
ENGRAVING APPARATUS
Everett J. Cook, Toledo, Ohio, assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio, a corporation of Ohio
Application February 19, 1934, Serial No. 712,087
8 Claims. (Cl. 178—6.6)



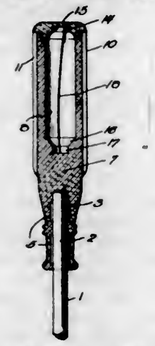
1. In a duplicating machine, a support for a pattern having a record thereon to be reproduced, a support for the work having a surface upon which the record is to be reproduced, a tool supported opposite the work for movement into and out of engagement with the work, a scanning unit for scanning the record on the surface of the pattern and comprising a light sensitive cell, a carrier for the scanning unit supported for movement toward and away from the pattern, means controlled by the light sensitive cell for moving the tool into and out of engagement with the work, spring means normally urging the carrier toward the pattern, and means mounted on said carrier and engageable with the surface of the pattern under the influence of said spring means for maintaining the scanning unit a predetermined distance from the pattern irrespective of irregularities in the surface contour of the pattern.

2,127,162
TEMPERATURE REGULATING MIXING APPARATUS FOR FLUIDS
Amédée Costa de Beauregard, Paris, France
Application April 10, 1936, Serial No. 73,786
In Belgium November 23, 1935
11 Claims. (Cl. 236—12)



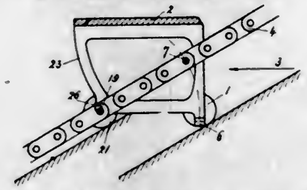
1. An apparatus for mixing together fluids at different temperatures so as automatically to produce a fluid mixture at a predetermined temperature, which comprises, in combination, a casing forming a mixing chamber, two inlet conduits for supplying the respective fluids at different temperatures to said mixing chamber, means for controlling the flow of said fluids from said conduits, respectively, into said mixing chamber, a servo-motor including a structure forming two chambers of variable volume having two respective movable walls of unequal areas interconnected together and operatively connected with said fluid inlet control means, an ejector, operative by fluid under pressure, connected with that of the two last mentioned chambers the movable wall of which is of larger area, so as to exert a suction therein when in operation and to transmit therein the pressure of the motive fluid when not in operation, means for feeding motive fluid to said ejector, and means for feeding this motive fluid to the other of the two last mentioned chambers, and thermostatic means, responsive to variations of the temperature of the fluid mixture formed in the apparatus, for controlling the outlet of the ejector.

2,127,163
TOOL HANDLE
Joseph Davis, South Orange, N. J.
Application April 26, 1938, Serial No. 204,423
6 Claims. (Cl. 40—19)



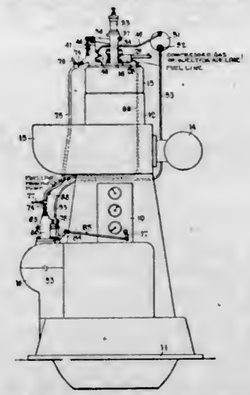
1. A handle for a tool or the like comprising a body portion having a transparent side wall, a cavity within said portion, a cap for the cavity, said cap having a restricted opening and an identifying member insertable through said restricted opening.

2,127,164
ESCALATOR
Paul Dennerlein, Stuttgart-Unterturkheim, Germany, assignor to R. Stahl A. G., Stuttgart, Germany
Application September 17, 1934, Serial No. 744,350
In Germany September 20, 1933
9 Claims. (Cl. 198—16)



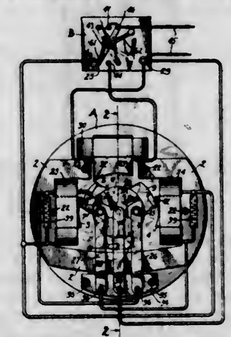
1. Escalator comprising an endless chain travelling around a loop having a plurality of points where the direction of travel is changed, steps movably attached to said chain and having lateral supporting ends situated outside of said chain, transverse members connected with said chain and situated inside of said supporting ends, abutments connected with said steps and adapted to engage said transverse members when travelling around the points of change of direction of said chain and to thereby prevent that part of the steps to which said abutments are connected from swinging outside of said loop when travelling around the points of change of travel direction.

2,127,165
DIESEL ENGINE
Jean J. Ehrat, Milwaukee, Wis., assignor to Nordberg Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 19, 1936, Serial No. 106,442
7 Claims. (Cl. 123—33)



1. The combination with an engine of the Diesel type having a working space; of a nozzle for injecting fuel into said space; a normally closed valve controlling flow through said nozzle; means for supplying charges of liquid fuel to said nozzle in advance of said valve; means for supplying gas under pressure to said nozzle in advance of said valve; a hydraulic pressure motor for opening said valve; and means for delivering timed pressure impulses to said motor and comprising a reciprocating displacement plunger device driven in timed relation by said engine and having a liquid intake and a spill back opened to said intake at a point in the displacement stroke of said plunger.

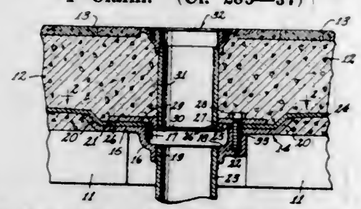
2,127,166
ELECTRIC MOTOR
Howard J. Findley, Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio
Application May 28, 1936, Serial No. 82,220
4 Claims. (Cl. 172—36)



2. In an electric motor, a field winding, a rotor controlled by said winding, a commutator for said winding and brushes for said commutator, said

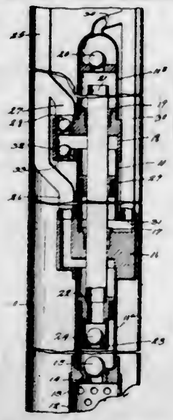
winding, commutator and brushes being connected, when said rotor is in a given position, in a circuit over which the said field winding will become energized and the said rotor operated whenever a source of current is applied to said circuit, and electro-magnetic means for moving said rotor to said given position to insure the establishment of said circuit, and the operation of said rotor.

2,127,167
FLOOR DRAIN
William M. Fraters, Balboa Island, Calif.
Application August 10, 1936, Serial No. 95,087
1 Claim. (Cl. 285—37)



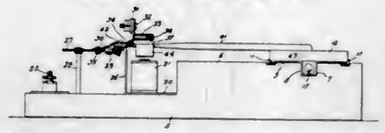
In a floor drain: a flat basin member having an upwardly extending flange at its periphery and a central drain opening; means for supporting the basin member in the floor; a water impervious sheet on the basin member; and a drain unit consisting of a flat clamping plate on said sheet having a central drain opening therethrough; a nipple threaded into said plate; a drain inlet member threaded to the upper end of the nipple; bolts extending through said plate outwardly of the drain opening therethrough and sheet into the basin member; said clamping plate having downwardly and outwardly flared drain holes opening into the central opening in the basin member.

2,127,168
HYDRAULIC DEEP-WELL PUMP
Robert U. Grant, Fort Worth, Tex.
Application July 23, 1936, Serial No. 92,237
Renewed February 5, 1938
4 Claims. (Cl. 103—46)



1. A deep-well pumping system, including three cylinders disposed one above the other, the lower cylinder having an inlet valve at its lower end, the uppermost cylinder having an outlet valve at its upper end and the intermediate cylinder having an inlet valve at its upper end, two power pipe lines, one extending into the upper end of the lowest cylinder and having a branch extending into the upper end of the intermediate cylinder, an upwardly opening check valve in this branch, the other power pipe line opening into the lower end of the intermediate cylinder and having a branch opening into the upper end of the uppermost cylinder, a tubular piston rod extending from the interior of the lowermost cylinder through the intermediate cylinder and into the interior of the uppermost cylinder, a piston on the lower end of the rod and operating within the lowermost cylinder, a piston on the intermediate portion of the rod and operating within the intermediate cylinder, an upwardly opening valve at the lower end of the tubular piston rod, a storage tank above the ground level, and means for forcing liquid under pressure from the storage tank alternately into one or the other of the pipe lines and discharging liquid from the other pipe line into the storage tank.

2,127,169
PISTON EXPANDER
Arthur W. Gray, Ellensburg, Wash.
Application July 1, 1936, Serial No. 88,490
3 Claims. (Cl. 78—101)



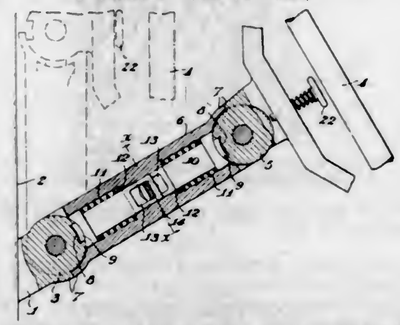
3. In a machine for reshaping pistons, a base plate, upstanding portions on said base forming a transversely extending channel, an anvil having a flat working surface on said base plate, a lug on said anvil extending into said channel, an adjusting screw disposed in said channel and mounted for rotation in said lug, a pair of holder units on opposite sides of said anvil, said units being threadedly connected to said adjusting screw for movement towards and away from said anvil, and said units being provided with diverging portions elevated above said anvil whereby different sized pistons may be held on said anvil to subject the piston to a hammering action to reshape the same.

2,127,170
OUTDOOR WEATHERPROOF MARKER
Donald E. Haslam, Skellytown, Tex.
Application July 12, 1937, Serial No. 153,252
2 Claims. (Cl. 40—10)



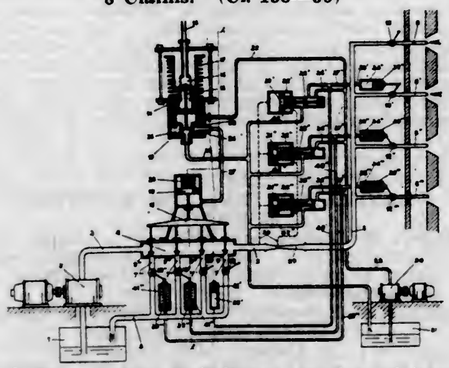
1. A marker including an identification card, a base, a supporting means for said base, a vertically arranged plate formed on said base and including marginal flanges, means for removably mounting the identification card on said plate, and a cover enclosing the plate and identification card to protect the card from weather elements and adapted to be elevated to expose the card.

2,127,171
STEERING WHEEL OF ROAD VEHICLES
Hubert Richard Hawthorn, Mitcham, Surrey, England
Application November 1, 1937, Serial No. 172,251
In Great Britain November 2, 1936
6 Claims. (Cl. 74—493)



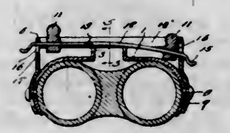
1. Steering control means for road vehicles comprising a steering shaft having an upper portion connected through a joint to the main portion of the shaft, a steering wheel connected to the said upper portion of the shaft through a joint spaced from the first joint, each of said joints permitting relative angular movement of the parts connected by it, spring-urged means carried by the movable upper portion of the steering shaft and adapted for positive locking engagement with an associated part of the main portion of the shaft and with an associated part of the steering wheel thereby to effect automatically and simultaneously the rigid locking together of all parts connected through the joints, and hand-operated means for releasing the said locking means of the two joints simultaneously.

2,127,172
FURNACE BURNER
Louis Hermitte, Paris, France, assignor to Société Rateau, Paris, France, a corporation of France
Application May 17, 1937, Serial No. 143,229
In France May 23, 1936
8 Claims. (Cl. 158—36)
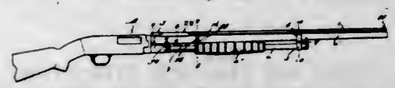


1. In a system including a number of liquid outlet means, and a pump for supplying liquid under pressure to said means in parallel, a control device which comprises, in combination, an equal number of return liquid circuits inserted in parallel between the delivery of said pump and the intake thereof, variable passage control means in said return circuits respectively, means for simultaneously operating said passage control so that all of said control means always have the same position in all of said return circuits respectively, valve means for controlling said outlet means, cut-off valve means in each of said return circuits, and means interconnecting each of said last mentioned valve means with one of the first mentioned valve means, for causing them to be operated simultaneously and in the same manner.

2,127,173
GUN SIGHT
Edward Leroy Hunt, Ashville, N. Y.
Application July 2, 1937, Serial No. 151,736
4 Claims. (Cl. 33—51)



1. A gun sight comprising a holder extending transversely across the muzzle end of a gun, there being a guideway in the holder, a pair of sights slidably arranged in the guideway, a spring rod connected with the holder and passing through the sights, the ends of the holder having vertical slots therein in which the ends of the rod pass and means for holding an end of the rod at the lower end of the slot to hold a sight in inoperative position.

2,127,174
ADJUSTABLE GUN RIB AND SIGHT
Edward Leroy Hunt, Ashville, N. Y.
Application July 2, 1937, Serial No. 151,737
5 Claims. (Cl. 42—1)

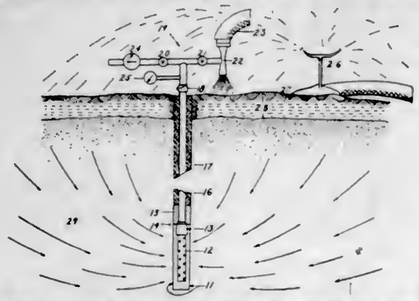


1. In combination with a pump gun, an elongated member having a sight at each end located on top of the gun, means for pivoting the rear end of the member to a part of the gun, a swinging support for connecting an intermediate part of the member to the gun and adjustable means actuated by the sliding handle of the gun for moving the member on its pivot to an angular position relative to the gun.

2,127,175
APPARATUS FOR AND PROCESS OF SOIL CONDITIONING
Norman M. Imbertson and Carl F. Duering, Los Angeles, Calif.
Application March 16, 1935, Serial No. 11,470
10 Claims. (Cl. 61—13)

1. A method of moving liquid into a mass of earthy material which is of such moisture content as to have a plurality of voids dispersed therein, comprising the steps of: applying the liquid to a surface of said mass to form a fluid seal at said surface; exhausting a substantial portion of the gas content from the voids in the zone of said

mass adjacent said surface to lower the pressure therein; and maintaining the lowered pressure in



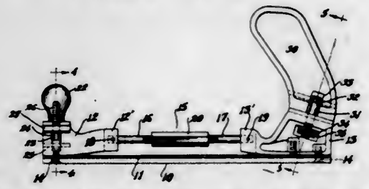
said zone until liquid from said surface has moved a desired distance into said mass.

2,127,176

FILE HOLDER CONSTRUCTION

Jacob J. Kroecker, Cleveland, Ohio, assignor to The Fairmount Tool and Forging Company, Cleveland, Ohio, a corporation of Ohio

Application April 3, 1936, Serial No. 72,560
7 Claims. (Cl. 29—80)



1. File holder construction including spaced brackets adapted for connection to a flexible file, means operatively connecting the brackets for flexing the file to different curved positions, an angular hand grip, means for adjustably securing said angular hand grip on one of said brackets in opposite co-planar position substantially perpendicular to said file.

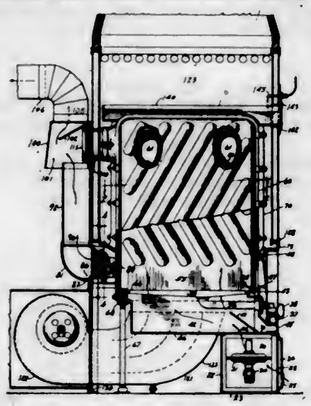
2,127,177

WARM AIR FURNACE STRUCTURE

Otto J. Kuenhold, Shaker Heights, Ohio, assignor to The Forest City Foundries Company, Cleveland, Ohio, a corporation of Ohio

Original application October 7, 1933, Serial No. 692,690. Divided and this application June 8, 1937, Serial No. 147,068
10 Claims. (Cl. 126—116)

1. In a furnace, air heating chamber means having a portion adapted to have products of combustion flow upwardly therethrough and a portion adapted to have products of combustion flow downwardly therethrough, burner means in the first mentioned portion of said chamber means, a vent conduit for said products of combustion and communicating with the lower end of said second mentioned portion of said chamber means, a draft hood surrounding the upper end of said vent conduit and having an opening to the atmosphere, by-pass means for establishing communication between said draft hood and the upper end of the first mentioned portion of said chamber means, a down draft baffle in said draft hood for diverting down draft away from said by-pass means and said vent conduit and to the atmospheric opening of said draft hood, and thermostatically controlled closure means for said by-pass means adapted to open said by-pass means when said burner means is not in use and



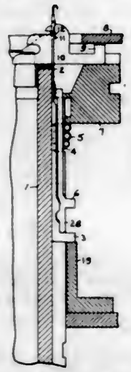
to close said by-pass means when said burner means is in use.

2,127,178

KNITTING MACHINE

Robert H. Lawson, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Application October 25, 1933, Serial No. 695,154
Renewed September 16, 1936
17 Claims. (Cl. 66—48)



12. In a knitting machine, needles and jacks, releasable and interengaging formations between all the needles and jacks and a cam pressing against the jacks adjacent their needle engaging portions, so that at certain positions about the machine each jack and needle must move together and at other positions movement imparted to a jack will separate it from its needle.

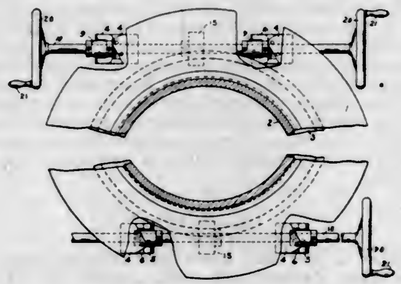
2,127,179

MANUAL CONTROL FOR KNITTING MACHINES

Robert H. Lawson and William L. Smith, Jr., Pawtucket, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Application November 18, 1936, Serial No. 111,470
In Canada January 20, 1936
14 Claims. (Cl. 66—8)

1. In a knitting machine of the type described, a driven element and a ring gear for driving the same, manually operated driving means including a worm engageable for driving said driven



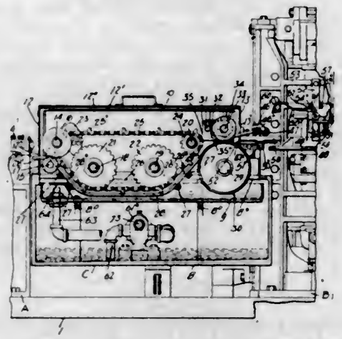
element through the gear, said worm being automatically disengaged upon power operation of the machine.

2,127,180

CAP FORM WAXING DEVICE FOR USE IN A PAPER BOTTLE CAPPING MACHINE

Irving F. Mandell, North Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y., a corporation of Delaware

Application September 29, 1936, Serial No. 103,172
2 Claims. (Cl. 91—46)



1. In a cap form waxing device, a liquid wax containing tank having an ingress opening and an egress opening at opposite ends, a waxing pan supported in the tank between the ingress and egress openings, suitably driven sprockets and sprocket chains mounted thereon to form parallel horizontal lower runs submerged in the wax of the pan, cap form guiding means beneath the sprocket chains, and feed fingers extending from the sprocket chains to engage the cap forms and push them forward over the guiding means towards the egress opening as the chains revolve.

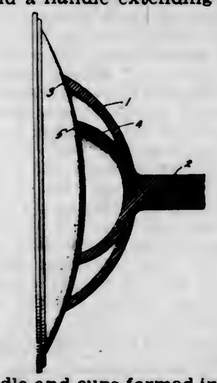
2,127,181

TOOL FOR HANDLING LENSES

William O. Mattern, Shamokin, Pa.

Application May 26, 1937, Serial No. 144,946
1 Claim. (Cl. 294—64)

A tool for handling lenses and the like, comprising a plurality of nested cup-like parts having a common axis and each having an annular planar lip, said lips being spaced apart radially and axially, and a handle extending axially outward, said handle and cups formed integrally of a flexible material such as rubber.

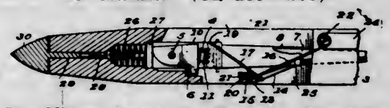


2,127,182

ELECTRIC FILLING FEELER MECHANISM FOR LOOMS

Kenneth V. McCaleb and Patrick Starniri, Easton, Pa.

Application December 21, 1936, Serial No. 117,074
18 Claims. (Cl. 139—273)



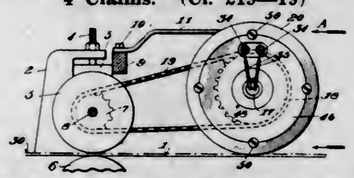
1. In filling feeler mechanism for looms, a shuttle including a spindle, a filling holder on the spindle having a metal contact portion, a feeler member on the shuttle arranged to bear on the filling and to contact with said metal contact portion of the holder when the latter is almost emptied of its filling, a picker, and means on the shuttle and picker for closing an electric circuit through said metal contact portion of the filling holder when the feeler member contacts therewith.

2,127,183

HEAT SEALING DEVICE

Stuart Moore, Dallas, Tex., assignor to Dixie Wax Paper Company, Dallas, Tex., a corporation of Texas

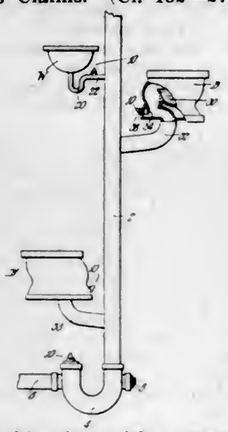
Original application June 12, 1935, Serial No. 26,255. Divided and this application September 30, 1937, Serial No. 166,637
4 Claims. (Cl. 219—19)



1. In a machine for making bags or the like containers from a web having overlapping edges and movable in said machine, a support, means for adjustably mounting said support above the web movable upon said machine, a shaft carried by and being laterally adjustable with respect to said support, a heat conducting member comprising a disc having parallel side walls, said disc being keyed to one end of said shaft and disposed

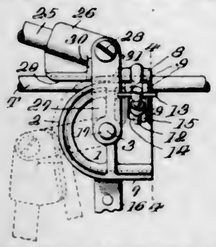
to contact peripherally with the overlapping edges of said web, said disc having an annularly disposed recess formed within one of its side walls and opening laterally therefrom for providing a hub portion and an annular ring portion, an annular electrical heater element arranged within said annular recess in said disc substantially coplanarly therewith and in heat-exchange relation therewith for applying heat to said disc member for sealing said web, a plate positioned within said recess between the hub portion and an outer annular ring portion of one of the side walls of said disc and having its outer face lying flush with that of the hub portion and outer annular ring portion of the last mentioned side wall, means for detachably connecting said plate to said disc, a pair of contact terminals carried by said electrical heater element and projecting through an opening formed within said plate and means for supplying electrical energy to said contact terminals.

2,127,184
WASTE SYSTEM
Eugene A. O'Leary, Holyoke, Mass.
Application March 6, 1937, Serial No. 129,396
3 Claims. (Cl. 182—27)



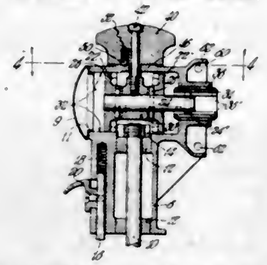
1. The combination with a waste pipe of a trapped closet bowl having a discharge, a connection between the discharge and waste pipe, a vent valve in said discharge, and a gland in said discharge overlying the vent valve.

2,127,185
TUBE BENDER
Arthur L. Parker, Cleveland, Ohio
Application September 13, 1935, Serial No. 40,508
11 Claims. (Cl. 153—46)



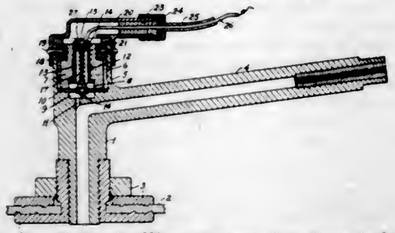
1. A tube bender comprising a radius block having the peripheral face thereof curved to conform to the curvature to which the tube is to be bent, a lever handle fixed to said block, a vise associated with the radius block for clamping the tube in a set position tangentially to said radius block, a link pivotally attached to the radius block at its center of curvature and projecting radially beyond the periphery of said block, a bending arm pivotally connected to said link at the outer end thereof, a head rigid with said arm and having a straight line face adapted to engage the tube for bending the same and a stop shoulder carried by the head and disposed so as to contact with the side face of said link for limiting the turning movement of the arm on said link when the face of the head reaches a position substantially at right angles to the axial line of said link.

2,127,186
WRINGER HEAD
Julian L. Perkins, West Springfield, Mass.
Application January 28, 1936, Serial No. 61,144
2 Claims. (Cl. 74—337.5)



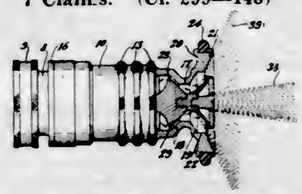
1. A wringer head comprising in combination, a casing having a cylindrical outer side, engageable driving and driven gears in the casing, an oscillatable and reciprocable shiftable member in the casing for engaging and disengaging said gears, the said casing being provided with a slot in a wall thereof disposed angularly relative to the axis of reciprocation of the shiftable member, a manually engageable shifter member radially extending from the casing having curving parts at opposite sides thereof guided on the casing, and a connector between said shifter member extending through the slot in the casing, all adapted and arranged whereby as the shifter member is oscillated it and the shiftable member are reciprocated.

2,127,187
TIRE DEFLATION SIGNAL
Medardo Riusech, Habana, Cuba
Application November 30, 1936, Serial No. 113,515
1 Claim. (Cl. 200—58)



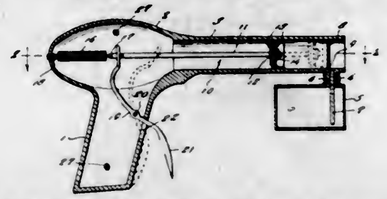
A circuit controlling means for tire deflation signals, including a sleeve integral with the inflation tube and in open communication with the air under pressure within the tube, a diaphragm arranged transverse the sleeve, an insulating block secured within the sleeve and bearing upon and securing the edges of the diaphragm, a conducting sleeve within the block, a plug threaded in one end of the conducting sleeve, a contact carried by the diaphragm, a spring intermediate the plug and diaphragm and serving to hold the contact in electrical engagement with the inflation tube to thereby maintain the grounded side of the circuit when the air pressure within the tube is reduced, the upper end of the insulating block being of reduced diameter, an annular member fitting the portion of reduced diameter of the insulating block and having threaded connection with the sleeve integral with the inflation tube to hold the insulating block in position to secure the edges of the diaphragm, a conductor terminally in electrical contact with the plug, a housing for the conductor having a sleeve extension to slidably fit exteriorly of the sleeve integral with the inflation tube, and pins passing through the sleeve extension, the integral sleeve, and into the annular member to hold the parts in fixed relation while permitting their convenient separation for repair or adjustment.

2,127,188
MIST-PRODUCING NOZZLE
John C. Schellin and Earl J. Housekeeper, Wooster, and Everett R. Hamilton, Canton, Ohio, assignors to Akron Brass Manufacturing Company, Inc., Wooster, Ohio, a corporation of Ohio
Application September 11, 1937, Serial No. 163,456
7 Claims. (Cl. 299—148)



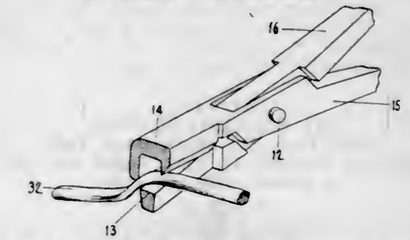
7. Nozzle construction including a tubular sleeve, a second sleeve axially adjustable thereon and having a discharge outlet at one end, a core secured in said first sleeve axially thereof and having an enlarged head forming an outer annular discharge passage within said second sleeve discharge outlet, said head having a discharge passage therethrough, and means on said core cooperating with said second sleeve for closing the discharge passage in said head.

2,127,189
SPRAY GUN
Angelo Scullari and Giuseppe Loccisano, Brooklyn, N. Y.
Application August 31, 1937, Serial No. 161,836
3 Claims. (Cl. 299—88)



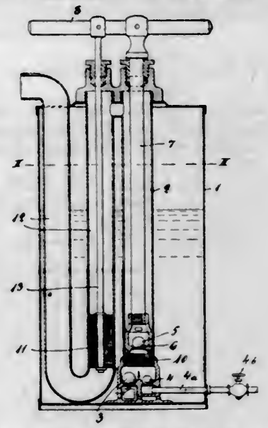
1. A spray gun for ejecting insecticide comprising a hand-grip, a barrel extending from said hand-grip, a container for insecticide secured to the front end of said barrel, a tube extending from said container into said barrel, a partition in the barrel in the rear of and contiguous to said tube and provided with an air port immediately adjacent said tube, an ejector slidably mounted in the barrel for reciprocation there in the rear of said partition and including a piston, and means for reciprocating said ejector including a trigger pivoted in said hand-grip and extending therefrom.

2,127,190
COMBINED SURGICAL INSTRUMENT
David I. Solomon, New York, N. Y.
Substitute of application Serial No. 128,524, March 1, 1937. This application February 2, 1938, Serial No. 188,398
2 Claims. (Cl. 128—321)



1. In a combined surgical instrument, a pair of levers crossed and pivoted together to provide relatively movable jaws, one of said jaws having a substantially U-shaped cross-section designed to receive a complementary tapering jaw of substantially rectangular cross-section, said tapering jaw having its smallest end directed outwardly, one side of said U-shaped jaw being rounded and cooperating with said tapering jaw to provide a clamping recess at one side, one side of said U-shaped jaw being beveled and sharpened and cooperating with said tapering jaw to provide shearing means, the rounded side of the U-shaped jaw extending outwardly to a greater extent than the beveled side whereby said instrument is adapted to exert a clamping action on an article being cut before the cutting operation is started, the bottom wall of the jaw having a U-shaped section acting as an abutment for the other jaw and providing a clamping action therebetween for clamping one piece of said severed article when said cutting operation is finished, and means for automatically latching said jaws and causing a cut article to be held after cutting.

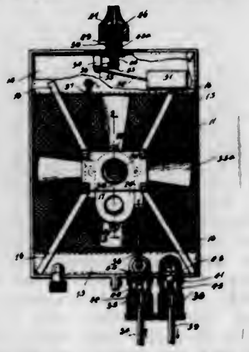
2,127,191
FROTH-PRODUCING APPARATUS
Carl-Otto Therneli, Stockholm, Sweden, assignor to Svenska Total Aktiebolaget, Stockholm, Sweden, a corporation of Sweden
Application November 24, 1936, Serial No. 112,581
In Sweden February 11, 1935
3 Claims. (Cl. 261—28)



1. A froth producing apparatus comprising a cylinder, a pump plunger movable in said cylinder and adapted to bring water together with a

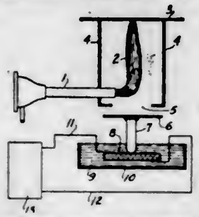
froth forming agent into contact with air or other gases, a passage conduit spaced from and communicating with said cylinder to form an outlet through which the product obtained is caused to flow by said plunger during its working stroke, and a mixing member movable in said passage conduit, and means connecting the mixing means with said plunger whereby during the working stroke of the latter the mixing means is moved in opposition to the flow of the fluid product passing through said passage conduit.

2,127,192
OIL COOLING SYSTEM
John Toth, Jr., South Bend, Ind.
Application January 14, 1937, Serial No. 120,563
1 Claim. (Cl. 184—104)



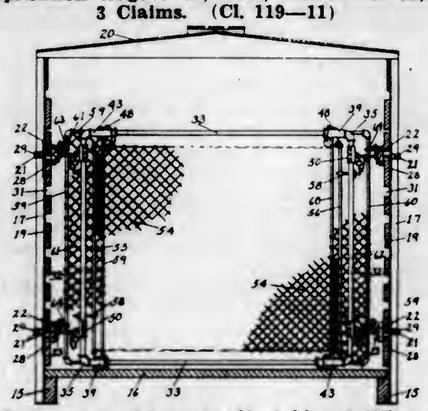
A cooling mechanism of the class described having a radiator provided with upper and lower headers in communication with the passages thereof, a pump, having a shaft, means supporting the pump in unitary relation with the radiator, conduit means of communication between the pump and the upper header, conduit means through which the pump may elevate oil through the pump to the conduit means first mentioned, a fan operable by the said shaft located between the pump and the radiator, a return pipe means for oil leading from the lower header, oppositely movable check valves disposed in the last two mentioned means, a valve in said upper header adapted to cut-off communication with the atmosphere, means urging the valve to open position, and float controlled means in said header operable to close the last mentioned valve.

2,127,193
APPARATUS FOR PRODUCTION OF CARBON BLACK
Harry A. Toulmin, Jr., Dayton, Ohio, assignor, by mesne assignments, to Commonwealth Engineering Corporation, Wilmington, Del., a corporation of Delaware
Original application January 11, 1935, Serial No. 1,353. Divided and th's application February 19, 1936, Serial No. 64,650
12 Claims. (Cl. 134—60)



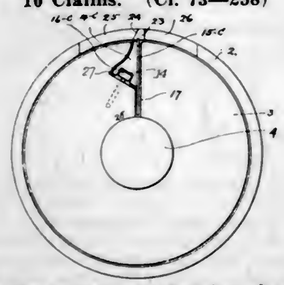
1. In an apparatus for producing carbon black, a container having a burner means for producing a gas flame, a collector plate for collecting carbon black from the gas flame, and means for imparting supersonic mechanical waves to the gaseous contents of the container and the flame.

2,127,194
ADJUSTABLE PORTABLE PARTITION FOR STOCK CARS
Roy F. Truscott, Newton, Kans.
Application August 31, 1935, Serial No. 38,696
3 Claims. (Cl. 119—11)



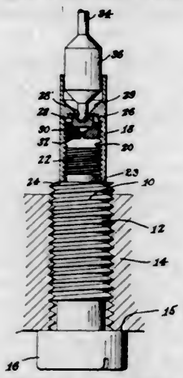
2. In a portable and adjustable partition for stock cars, a major frame for said partition, said frame comprising two duplicate sections, each section comprising one end and one side of said frame, said end and side elements being hingedly joined together, the free ends of one end and side element abutting the free ends of the other end and side element; a pair of sleeve elements, one for and slidably mounted on each end of the side elements, part of said sleeve elements being adapted to slide over the hinge joints of the frame and the rest of the sleeve elements being adapted to slide over the abutting joints of the frame; and means for rigidly holding said sleeve in said position for the purpose of rigidly holding the frame in a rectangular form; and means for holding said frame between the walls of a stock car.

2,127,195
WATER METER
Wallace A. White, Richmond, Va.
Application May 3, 1935, Serial No. 19,559
10 Claims. (Cl. 73—258)



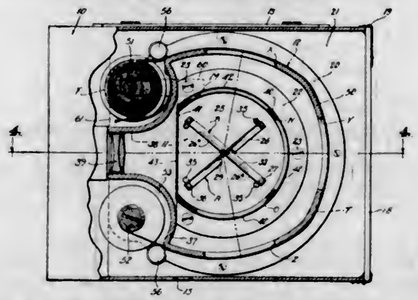
1. In a disc meter, a measuring chamber having an inlet port and an outlet port, and having a bearing; a disc-piston mounted in the bearing and arranged to nutate in the measuring chamber; the said piston having a radial slot; a division-plate set in the chamber and in the said radial slot to separate the inlet from the outlet port, the said plate having on its inlet side a block shaped to deflect the inflowing water into the annular channel of the measuring chamber, the said block being slotted in a vertical plane; and a pin mounted on the piston to co-act with the slot in the block to guide the piston.

2,127,196
PRECISION BEARING
Donald Eugene Worley, Waltham, Mass.
Application July 22, 1936, Serial No. 91,921
6 Claims. (Cl. 308—159)



1. A step bearing for a shaft on a support, comprising a tube having mounting means, including an abutment rigid on the tube for engagement toward the support whereby the position of the tube relative to the support is predetermined; an annular ledge rigid within the tube, having its opening sufficient for the end portion of the shaft to pass through the opening of the annulus, and having an abutment facing away from the main portion of the shaft; a jewel, having a surface for bearing endwise on the shaft; and retaining means for the jewel within the tube, seating the jewel against the annular abutment, independently of the said mounting means for the tube.

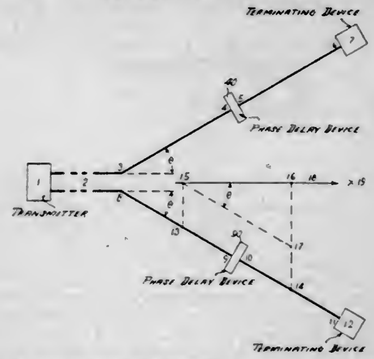
2,127,197
CAMERA
Walter L. Wright, Santa Monica, Calif., assignor to Synchrome Corporation, Santa Monica, Calif., a corporation of California
Application November 26, 1934, Serial No. 754,763
7 Claims. (Cl. 95—2)



1. In photographic apparatus, film guiding means comprising a curved part around which the film is adapted to be arranged, said part having picture apertures, light dividing means within said part, a wall around the light dividing means having apertures aligned with the apertures in said part, and light filters at the last mentioned apertures.

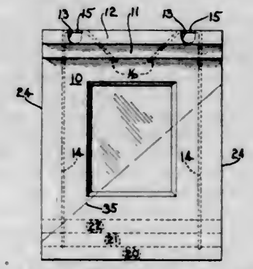
7. In photographic apparatus, an optical system unit comprising, a pair of crossed light dividing reflectors, a wall enclosing said means and having a part substantially curved about the point of intersection of the reflectors, there being spaced apertures in said part, and relatively thin light filters secured to said part of the wall to extend across its apertures and curved substantially concentric with said part whereby they are prevented from wrinkling and buckling.

2,127,198
ANTENNA SYSTEM
Andrew Alford, New York, N. Y., assignor to Mackay Radio and Telegraph Company, New York, N. Y., a corporation of Delaware
Application April 30, 1935, Serial No. 18,995
5 Claims. (Cl. 250—33)



3. In an antenna system, a transmission line, an antenna wire connected therewith, an impedance connected with the end of the wire to minimize reflection of waves therefrom, and an inductance connected in series with the wire and dividing it into two substantially equal sections, said inductance having such value as to cause the energy radiated by said sections to add in phase in the direction in which each of said sections, considered individually, has substantially a maximum radiation.

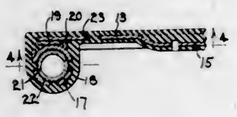
2,127,199
CEMENT SHINGLE
Henry Austhoff, Grand Rapids, Mich.
Application April 26, 1937, Serial No. 138,979
1 Claim. (Cl. 108—10)



A concrete shingle of the character described having a tapered longitudinal cross-section, a

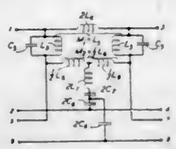
plurality of lateral ridges across the upper side of the thinner end, a plurality of lateral ridges across the bottom side of the thicker end for interlocking engagement with said first named ridges, a channel member, a plurality of longitudinal grooves in the bottom side adjacent and parallel with the edge of said shingle adapted to receive the upturned portions of said channel member, a plurality of cut-away portions at the thinner end of said shingle, a metallic reinforcing member extending longitudinally and substantially the entire length of said shingle at either side thereof, bent to extend across said cut-away portions then rebent to extend inwardly from the thinner edge of the shingle and there terminated.

2,127,200
ACCELERATOR PEDAL
Reemer A. Boersma, Holland, Mich., assignor to Duffy Manufacturing Company, Holland, Mich., a corporation of Michigan
Application November 29, 1937, Serial No. 176,968
4 Claims. (Cl. 74—513)



1. An article of manufacture of the class described comprising a sheet metal plate having one end bent to form a concentric portion, said concentric portion having holes therein, a graphite sleeve having a roughened exterior surface mounted interiorly of said sleeve and rubber enclosing the sheet metal sleeve on its outer surface, extending through the holes and joined with the roughened surface.

2,127,201
WAVE TRANSMISSION NETWORK
Stephen Bobis, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 23, 1935, Serial No. 12,598
13 Claims. (Cl. 178—44)

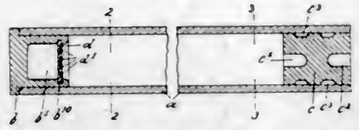


1. A wave transmission network having eight terminals arranged in four pairs, the characteristic impedance at each of said pairs of terminals being a constant pure resistance at all frequencies, said network having four transmission paths, the attenuation in two of said paths depending upon the impedance balance between two component partial networks, the attenuation in the remaining two paths depending upon the propagation constants of said component partial networks, two of said paths having a single transmission band with substantial attenuation at all frequencies outside of said band, and the attenuation characteristic of each of said transmission paths having a peak of attenuation at a finite frequency other than zero.

2,127,202
RUST INHIBITING COMPOSITION
Clete L. Boyle, Detroit, Mich.
No Drawing. Application June 16, 1936, Serial No. 85,553
1 Claim. (Cl. 148—6)

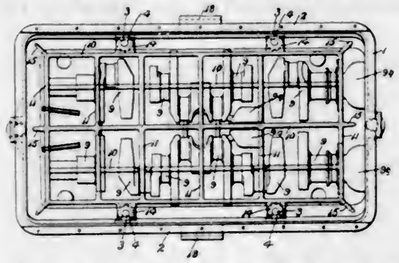
A preparation for treating metal preparatory to painting comprising sodium chloride and chromic acid in substantially the proportions of 2 to 1 by weight and substantially 1% cresylic acid.

2,127,203
AMPULE
Albert Brand, Munich, Germany
Application January 30, 1936, Serial No. 61,479
1 Claim. (Cl. 128—218)



As a new article of manufacture, an empty sealed ampule adapted for subsequent filling from the outside, comprising an empty tube, a closure plug disposed at one end of said tube, said plug being provided with an inwardly open medicament chamber, a closure disc internally closing said medicament chamber, said closure disc having concentric grooves therein at parts other than its marginal positions, and a plunger plug of substantially solid cross-section throughout, closing up the other end of said tube and being displaceable therein, said plunger plug being provided with at least one longitudinal substantially central cavity of relatively small cross-section, whereby an attenuated locally weakened body section is produced in said plunger plug, the latter tightly pressing against the walls of the empty tube, said tube being adapted to be filled from the outside by piercing the weakened section of said displaceable plunger plug, the pressure exerted by the latter upon the walls of the tube being sufficient to prevent the plunger plug from being forced into the empty tube by the piercing of said weakened body section of the plunger plug.

2,127,204
MOLD
Donald J. Campbell, Spring Lake Township, Ottawa County, Mich., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich., a corporation of Michigan
Application May 20, 1935, Serial No. 22,286
5 Claims. (Cl. 22—96)



5. In the art of molding, a flask open at its upper and lower sides provided with inwardly extending shoulder portions at its lower part and at both ends thereof, a reinforcing arbor, pins mounted on said shoulder portions and extending upwardly, above the same, said arbor at opposite sides having outwardly projecting lugs cut away to provide for the passage of the said pins therethrough, said arbor being located in the flask with the lugs engaged with said pins.

2,127,205
METHOD OF MANUFACTURING DEXTRINE
John E. Clegg, Hempstead, and Frederick C. Hilliard, Setauket, N. Y., assignors to The Arabol Manufacturing Company, New York, N. Y., a corporation of New York
No Drawing. Application May 7, 1936, Serial No. 78,406
5 Claims. (Cl. 127—38)

1. The method of manufacturing dextrine from starch, which comprises mixing a starch with a basically reacting ammonium compound and heating to 100° C. until all of the ammonia is eliminated, and then raising the temperature to 180° C.–200° C. and continuing heating the mixture until complete conversion into dextrine is attained.

2,127,206
COATING METAL
Leo P. Curtin, Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application January 2, 1936, Serial No. 57,314
13 Claims. (Cl. 91—68)

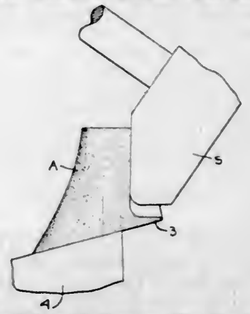
1. The process of producing a protective coating on an oxidizable metal of a class consisting of iron and steel, zinc, brass, copper, tin and lead which comprises treating the surface of the metal with a solution comprising a soluble permanganate, a soluble barium compound and a soluble hydroxid, washing the resulting coating free from mother liquor and drying it.

2,127,207
PROCESS OF APPLYING BONDING COATING TO METAL AND PRODUCT THEREOF
Leo P. Curtin, Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application April 16, 1937, Serial No. 137,377
8 Claims. (Cl. 148—6.5)

1. A method of coating ferrous metal articles with films adapted to bond paints and varnishes thereto, comprising subjecting the article to treatment with an acidified solution of a metal below iron in the electromotive series for a length of time sufficient to cause traces of the metal to be deposited on the article in the form of localized minute specks with intervening spaces of bare iron but insufficient for the production of any continuous or thick metallic film, and subsequently subjecting the article to treatment in a bath adapted to produce a bonding coating thereon.

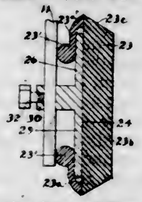
2,127,208
METHOD OF MANUFACTURING SHOE HEELS
Harry W. Darragh, Effingham, Ill., assignor to Vulcan Corporation, Portsmouth, Ohio
Application September 19, 1936, Serial No. 101,561
2 Claims. (Cl. 12—147)

1. The method of manufacturing wood heels of the type having a lip projecting forwardly from the upper portion of the breast face, which comprises shaping the sides, back and breast face and partly forming the lip of the heel from a wood heel block, coating the back and sides of the heel with lacquer or the like, and then in a single operation presenting the heel to a tool which cleans the heel breast face to render the same free of



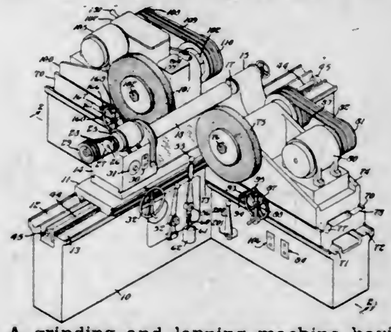
coating material and shapes the lip to complete the formation thereof.

2,127,209
KNEE PAD FOR SEWING MACHINES
Bennie Duchan, New York, N. Y.
Application September 11, 1936, Serial No. 100,234
2 Claims. (Cl. 74—515)



1. In a pad for the knee lifter of a sewing machine of the class described, a resilient mass of soft material adapted to cover the knee engaging front face of the knee lifter, and a resilient annular flange mounted on the rear face of said resilient material along its outer edges and adapted to engage upon a plate associated with said knee lifter for supporting the pad in position, and a thickened edge portion on the inner edge of said flange to hold said inner edge from expanding and slipping off said knee lifter.

2,127,210
GRINDING AND LAPPING MACHINE
Howard W. Dunbar, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application July 31, 1937, Serial No. 156,768
16 Claims. (Cl. 51—95)



1. A grinding and lapping machine having a base, a longitudinally movable work supporting table, a rotatable work support thereon, means to

rotate said work support at either a grinding or a lapping speed, a transversely movable carriage, a rotatable grinding wheel thereon, means to rotate said wheel at a normal grinding speed, a rotatable lapping wheel on said carriage, means to rotate said lapping wheel at a relatively slow lapping speed and a carriage feeding mechanism to move said carriage transversely in either direction successively to move the grinding wheel and the lapping wheel into operative engagement with the work successively to grind and lap the same.

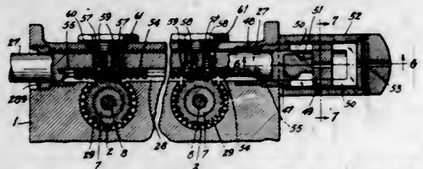
2,127,211

FUEL INJECTION PUMP

Herbert C. Edwards, Massillon, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application March 25, 1936, Serial No. 70,804

6 Claims. (Cl. 103—41)



1. A fuel injection pump comprising a housing, a piston reciprocable therein, and means for turning said piston on its axis to vary its angular position, said means comprising a member slidable in said housing transversely of the piston axis, a rack removably mounted on said member and operatively connected to said piston to turn the same, and means for adjusting said rack relative to said member in the direction of the sliding movement thereof and for locking said rack to said member in the desired adjusted position, said last mentioned means comprising two screws threaded into said member and spaced apart in the direction of its sliding movement and having tapered ends adapted to engage tapered recesses provided therefor in said rack, the spacing of said screws differing from the spacing of said recesses.

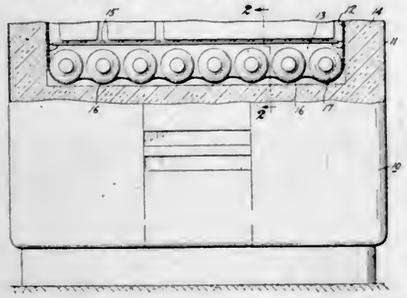
2,127,212

REFRIGERATOR

Norman Bel Geddes, New York, N. Y., assignor to Servel, Inc., New York, N. Y., a corporation of Delaware

Application July 24, 1935, Serial No. 32,839

3 Claims. (Cl. 312—172)



1. Refrigerator cabinet construction comprising a sheet metal liner defining a storage space for matter to be refrigerated, insulation about said liner for retarding heat flow therethrough, said liner having its bottom wall deformed to provide alternate depressions and projections to increase the moment of inertia of the bottom wall and of the entire liner thereby making the liner more efficient in resisting bending stresses, said depressions being formed of such configuration as to provide for the reception of bottles and other rollable objects in a manner to maintain them in a definite position.

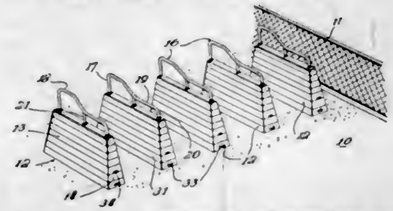
2,127,213

PORTABLE STARTING STALL FOR RACE TRACKS

Fred Otto Guth, Chicago, Ill., assignor, by mesne assignments, to Pylodyne Corporation, Chicago, Ill., a corporation of Illinois

Application March 4, 1935, Serial No. 9,262

13 Claims. (Cl. 119—15.5)



1. As one of a plurality of similar devices which, placed side by side in spaced relation across a race track form upwardly unobstructed starting stalls for the horses, an independent self-supporting readily removable portable pylon of elongated plan section and in length about the length of the body of a horse, having lateral sides inclined upwardly and inwardly from a wide bottom and terminating below stirrup height, the pylon being supported wholly and directly by the track and from its bottom and wholly within the perimeter thereof and being independent of any structure extending higher than the head of the horse.

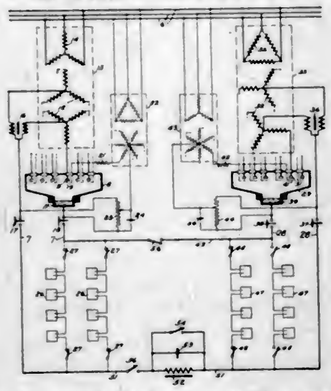
2,127,214

ELECTRIC VALVE CONVERTING SYSTEM

Walter E. Gutzwiller, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application June 14, 1937, Serial No. 147,998

10 Claims. (Cl. 175—363)



1. In an electric valve converting system, the combination with a direct current circuit, means comprising an electric valve for impressing on said circuit a unidirectional voltage having a direct component and an alternating component, a second direct current circuit connected with the first said circuit, means comprising a second electric valve for impressing on said second circuit substantially the said direct voltage component and another alternating voltage component, of inductive means in a connection between said circuits for controlling the flow of alternating current therebetween.

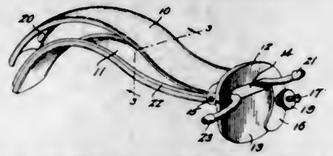
2,127,215

EXPANSIBLE RESPIRATORY AIRWAY

James T. Gwathmey, New York, N. Y.

Application March 27, 1937, Serial No. 133,306

4 Claims. (Cl. 128—208)



1. In a respiratory airway for insertion in the mouth and pharynx, an elongated body consisting of a pair of mating longitudinally extending oppositely disposed curved sections, an outwardly projecting flange formed on the outer end of each section together defining a head for the airway, said sections throughout their length being of uniform channel shape in cross section providing a longitudinal passageway opening through said head, means pivotally connecting the sections together adjacent their flanged ends, and cooperating means carried by said flanges for moving the sections from adjacent relation to expanded separated relation and for maintaining the sections in adjusted expanded condition.

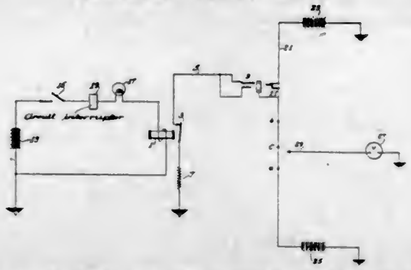
2,127,216

METHOD AND MEANS FOR TESTING LINE CIRCUITS

Frederick G. Halliden, Bellerose, and Ronald S. Wishart, Rockville Centre, N. Y., assignors to Postal Telegraph-Cable Company (New York), New York, N. Y., a corporation of New York

Application April 3, 1937, Serial No. 134,762

8 Claims. (Cl. 175—183)



1. In a tester for call circuits, a call line supplied with a fixed potential, means connected to said call line for intermittently grounding said line to produce voltage impulses therein, and means for connection to said line for observing said voltage impulses to indicate a fault in said line.

2,127,217

DEVICE FOR DRYING PRINTS, PARTICULARLY COPPER PRINTS

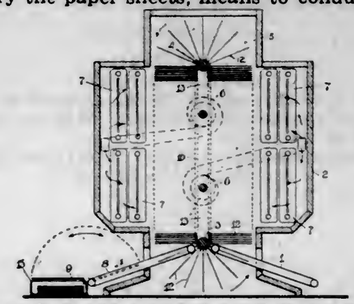
Friedrich von Heinrich, Budapest, Hungary

Application September 9, 1936, Serial No. 100,024

In Austria September 14, 1935

5 Claims. (Cl. 34—12)

1. A device for drying printed paper sheets, comprising a housing provided with openings in the lower portions of two opposite walls for the introduction of the wet sheets and the removal of the dry sheets, a vertical conveyor in said housing including an endless conveyor chain having radially projecting grids adapted to receive and to carry the paper sheets, means to conduct hot



air from both sides in substantially horizontal paths to the outer edges of said grids, and suction means between the two sides of said conveyor chain, to give a relatively high speed to the hot air striking the paper sheets on said grids.

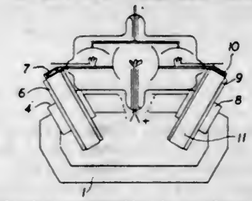
2,127,218

TRANSFORMER

Samuel Hirsch, New York, N. Y., assignor to Arthur Mutscheller, New York, N. Y.

Application January 12, 1937, Serial No. 120,171

7 Claims. (Cl. 175—363)



7. An electromagnetic transformer for alternating currents having a closed magnetic core, windings for primary and secondary currents surrounding a part of said core and means for energizing said primary windings, said secondary windings having two coils separated spacially from each other and inclined mutually toward each other that increased spacing for an additional device to be located in part between and resting on said coils and a shorter magnetic core is obtained and an evacuated electron discharge device located in part between said coils and said device having cooperating electron discharging and receiving electrodes connected to and supported by the outer high voltage producing parts of said coils and additional electrodes for delivering at least a part of the discharged electrons to an outside circuit.

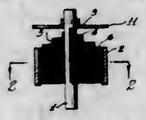
2,127,219

SPRING

Clarence F. Hirshfeld, Detroit, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y., a corporation of New York

Application February 21, 1935, Serial No. 7,586

21 Claims. (Cl. 267—63)



1. In a spring device, concentric load imposing and load receiving members, and a mass of rubber

between said members, said rubber being composed of a strip of rubber rolled into a volute form for interposition between said members said load imposing member being axially movable relative to said load receiving member.

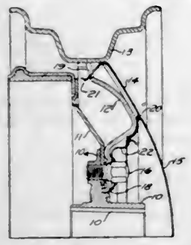
2,127,220

VEHICLE WHEEL

Harry J. Horn, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan

Application July 5, 1935, Serial No. 29,821

7 Claims. (Cl. 301—37)



1. In a wheel including a wheel body, an ornamental cover for the wheel body comprising a disk-like plate having circumferentially spaced integral projections at its periphery extending axially and radially inwardly thereof, said projections adapted to be sprung into concealed resilient engagement with cooperating portions of the wheel body.

2,127,221

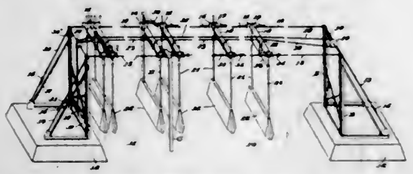
STARTING DEVICE FOR RACE TRACKS

Shawl J. Kelley, Baltimore, Md., assignor to Pylodyne Corporation, Chicago, Ill., a corporation of Illinois

Application February 24, 1932, Serial No. 594,955

Renewed June 8, 1937

27 Claims. (Cl. 119—15.5)



23. A race track starting device partition between adjacent stalls having a base of sufficient width to support the partition upright, and being of gradually diminishing width from the bottom to the top.

2,127,222

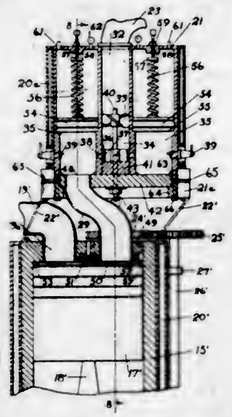
INTERNAL COMBUSTION POWER UNIT

Lynn J. Koch, Allentown, Pa.

Application May 14, 1937, Serial No. 142,614

6 Claims. (Cl. 123—1)

1. In a device of the class described, a cylinder with a piston therein reciprocative by a crank, a cluster of explosion chambers for prematurely igniting and expanding gases to supply the power stroke of said piston in said cylinder and said chambers having their base ends open and in a plane, a disc rotatively mounted and forming a closure for said open base ends and having a port hole selectively alignable with said chambers during rotation of said disc, a passageway tube of substantially S-shape having one end connected with said port hole and the other end coaxial with said disc and connected with the top of said cylinder to direct partially expanded gases against said piston, means for rotating said passageway tube about its latter-mentioned end and synchronized with said crank to connect each of said chambers in rotation with the cylinder for each cycle of the piston, an exhaust from said cylinder having its inner end in a plane with the end of said passageway tube, a rotative valve disc selectively engageable over the inner end of said exhaust and the end of said passageway tube, and means for rotating said valve synchronized with said passageway tube and engageable over said exhaust end and passageway tube end for each position of the passageway tube as the latter selectively connects with said chambers.



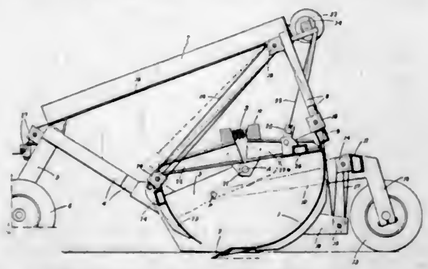
2,127,223

CARRYING SCRAPER

Robert Gilmore Le Tourneau, Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Peoria, Ill.

Application December 13, 1937, Serial No. 179,481

8 Claims. (Cl. 37—126)



1. In a scraper, a bowl having a circularly curved back and bottom plate, a walking beam extending lengthwise of the bowl, means pivoting the beam in connection with the bowl at the center of curvature of the said plate for swinging movement in a vertical plane, a front gate depending from the walking beam to form a closure for the front end of the bowl when the beam is in a predetermined position, a dirt discharge plate secured on the under side of the beam at the rear end thereof to engage the bowl plate and disposed substantially radially thereof; said discharge plate lying adjacent the top of the bowl when the gate is in a bowl closing position, and mechanisms to control the swinging of the beam.

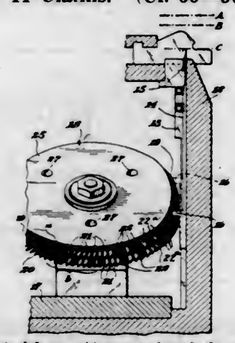
2,127,224

KNITTING MACHINE

Vincent Lombardi, Garden City, N. Y., assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y., a corporation of New York

Application April 25, 1935, Serial No. 18,091

11 Claims. (Cl. 66—50)



8. A rotatable pattern wheel for knitting machines comprising a plurality of oblique rows of slots with actuators selectively disposed therein for engagement with knitting elements, each slot portion in a less advanced row being disposed somewhat forwardly of the corresponding slot portion in a more advanced row.

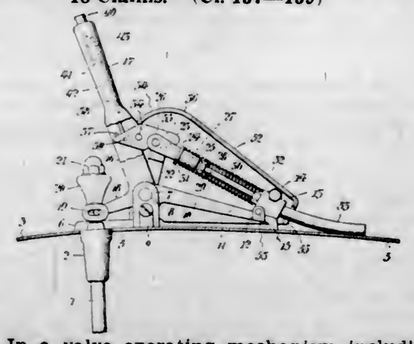
2,127,225

VALVE OPERATING MECHANISM FOR TANK VEHICLES

James A. Jensen, Philadelphia, Pa., assignor to Quaker City Iron Works, Philadelphia, Pa., a corporation of Pennsylvania

Application August 31, 1935, Serial No. 38,729

18 Claims. (Cl. 137—139)



4. In a valve operating mechanism including independently operable local and distant actuator means, an intervening shackle-like clevis, a vertically-movable notched-catch carried by one of said means, and a rigid component on the other means automatically engageable by said notched-catch to couple both mechanisms together through the medium of the shackle-like clevis to effect their joint operation.

2,127,226

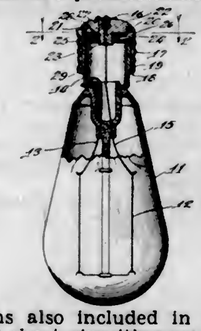
INCANDESCENT LAMP

Curtis J. Martin, Oak Park, Ill., assignor, by mesne assignments, to Electric Lamp Corporation, Chicago, Ill., a corporation of Illinois

Application October 20, 1928, Serial No. 313,660

10 Claims. (Cl. 176—31)

1. In an incandescent electric lamp, a bulb, a filament supported therein, and a base movably mounted on said bulb and including means for short-circuiting said filament upon manipulation of said bulb in a predetermined manner and resilient means also included in said base for rendering said short-circuiting means ineffective except when said bulb is so manipulated.



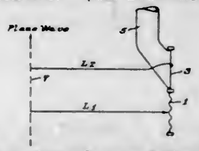
2,127,227

ELECTROACOUSTICAL APPARATUS

Frank Massa, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application June 30, 1936, Serial No. 88,124

4 Claims. (Cl. 179—138)



1. In a ribbon microphone of the type in which a portion of the ribbon terminates in a pipe and another portion is substantially freely accessible to air vibrations at its front and rear, the method of controlling the direction in which the axis of minimum response at a predetermined frequency extends which comprises orienting said axis by arranging one of said ribbon portions in a predetermined relation to the other, and varying the angle between said axis and an axis normal to the plane of said ribbon by varying the size of said pipe behind said first named ribbon portion.

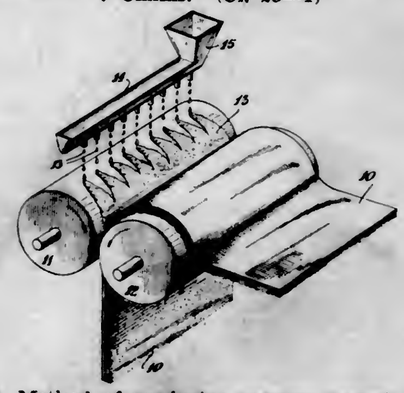
2,127,228

MANUFACTURE OF REWOVEN CARPET

Charles Robert McGimsey, Rowayton, Conn.

Application November 17, 1937, Serial No. 175,007

7 Claims. (Cl. 28—1)



1. Method of producing rewoven carpet from old cut pile carpet, comprising causing liquid rubber material to set in the base of the old cut pile

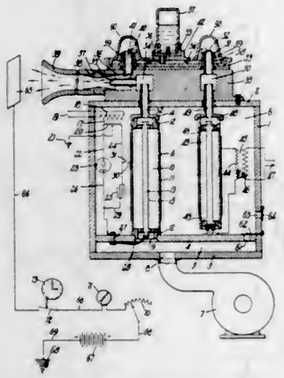
carpet, dividing the carpet material into strip form, and utilizing said strip, with the pile tufts held in the base thereof by the set rubber material, in weaving carpet.

2,127,229

PROCESS FOR PRODUCING LARGE IONS

Randolph J. McRae, New York, N. Y., assignor, by mesne assignments, to General Patents, Limited, Nassau, Bahamas, a corporation of the Bahama Islands

Application April 12, 1935, Serial No. 16,104
6 Claims. (Cl. 204—32)



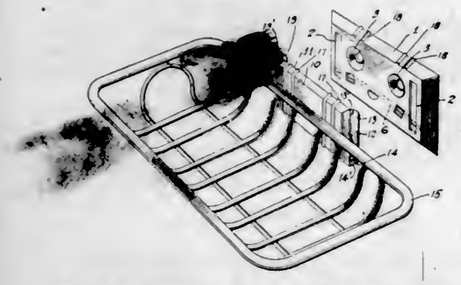
1. The process of producing large ions which comprises ejecting electrons into a stream of air, ozonizing a second stream of air, contacting said second stream with liquid reactive with ozone thereby adding liquid nuclei of the compounds resulting from the reaction, removing positive ions from said second stream and commingling said streams.

2,127,230

DEMOUNTABLE WALL FLANGE

Hubert J. Moineau, Marlboro, Mass.

Application March 25, 1937, Serial No. 132,922
5 Claims. (Cl. 248—224)



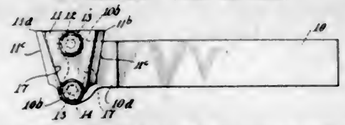
5. In a demountable wall flange the combination of a supporting back plate having therein a slot, a fixture carrying front plate provided with hooks extending in opposite directions and adapted to project through the slot to engage one of said hooks with one abutting edge of the slot, and a movable abutment comprising a resilient member and positioned at the back of the back plate and overlapping the slot to resiliently engage with the other hook and resiliently clamp the hooks between said movable abutment and said abutting edge of the slot to maintain the front and back plates in assembled relation.

2,127,231

TOOL HOLDER AND TOOL

Harry Morris, Brooklyn, N. Y.

Application September 25, 1936, Serial No. 102,449
4 Claims. (Cl. 29—96)



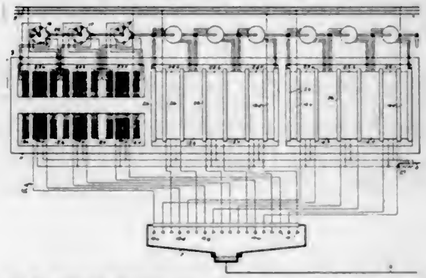
1. A metal cutting tool which comprises a holding member, a cutting member, bolts projecting through the cutting member and the holding member, and each of the bolts being provided with a nut having partially embedded in the inner face thereof a metal having a different degree of hardness than the surface with which the inner face of the nut is in contact, said metal remaining out of contact with the threads of said bolt.

2,127,232

RECTIFIER TRANSFORMER

Louis C. Nichols, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application July 25, 1936, Serial No. 92,472
10 Claims. (Cl. 175—363)



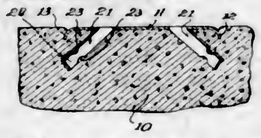
1. A transformer for an electric valve converting system comprising a primary winding having a phase portion thereof divided into a plurality of serially connected sections arranged on a common core, and a secondary winding having a plurality of interconnected parallel sections arranged on said core and each divided into two portions adapted to alternately transmit unidirectional current impulses, each said primary winding section being arranged adjacent both portions of at least one of said secondary winding sections and having a relatively low leakage reactance with respect thereto and being arranged remote from the remainder of said primary and secondary winding sections and having a relatively high leakage reactance with respect thereto.

2,127,233

TRAFFIC MARKER FOR PAVEMENTS OR THE LIKE

Clifford Older, Wilmette, Ill.

Application June 11, 1934, Serial No. 729,965
3 Claims. (Cl. 94—1.5)



1. In a traffic marker, a bright metallic strip having downwardly turned curved edges adapted

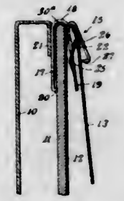
to be embedded in the pavement, said strip having a multiplicity of punched out integral pieces, said pieces being bent downward along a line extending diagonally with respect to the direction of the strip whereby said pieces extend downwardly and laterally, and anchoring formations provided on said pieces.

2,127,234

UPHOLSTERY PIN

Daniel I. Reiter, New York, N. Y.

Application May 22, 1937, Serial No. 144,211
12 Claims. (Cl. 24—81)



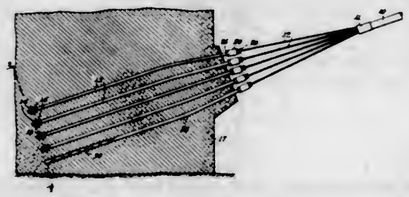
1. In a one-piece upholstery fastener, a portion having a bend therein adapted to be arranged over an edge portion of a backed fabric sheet, a plate extending from the bend, a bendable prong projecting from the plate and biased outwardly of the plate, said prong being arranged to initially engage and hold a slip cover, a finger piece bendably joined at one end to and arranged outwardly of the plate and spaced sufficiently therefrom to provide space for the insertion therebetween of the slip cover, and a second bendable prong on the finger piece adapted to pierce the slip cover and to cooperate with the first-mentioned prong to stitch the slip cover therebetween when the finger piece is bent toward the plate.

2,127,235

ANCHORAGE FOR SUSPENSION BRIDGE CABLES

Holton D. Robinson, New York, N. Y.

Application October 24, 1936, Serial No. 107,406
9 Claims. (Cl. 14—21)



1. In an anchorage for a suspension bridge cable having the individual strands thereof separated and diverging at the end part of the cable, an anchorage pier, inaccessible elongated tension members embedded in and in surface contact with the interior material of said pier, each of said tension members being aligned with one of the separated strands and having an exposed externally threaded end portion thereon, an externally threaded socket secured to the extreme end of each of the strands, and a threaded turnbuckle engaging the threaded end of the tension member and the threaded socket.

2,127,236

DYEING ARTIFICIAL SHAPED ARTICLES

Paul Schlack, Berlin-Treptow, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany

No Drawing. Application January 9, 1936, Serial No. 58,259. In Germany January 11, 1935
4 Claims. (Cl. 8—5)

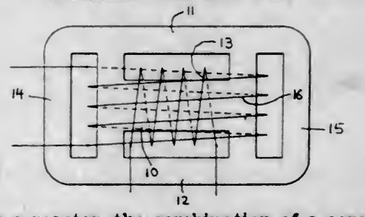
2. In a process of dyeing artificial fibers or foils from water-insoluble organic cellulose derivatives containing polymeric acid resins, the improvement which comprises treating the materials in a bath containing an agent selected from the group consisting of dyes and leuco-derivatives of dyes, said agents containing in their molecule a strongly basic group which is not essential for the production of the color.

2,127,237

REACTOR

Joseph G. Sola, Oak Park, Ill., assignor to Sola Electric Co., Chicago, Ill., a corporation of Delaware

Application July 13, 1936, Serial No. 90,366
2 Claims. (Cl. 171—242)



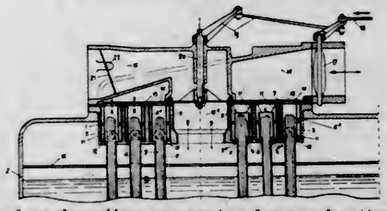
1. In a reactor, the combination of a core bar, a coil on said core bar, two core parts connecting the ends of said core bar about said coil at opposite sides of the bar forming with the bar a double loop return path for the flux established by said coil, two other core parts connected with said double loop across the ends respectively of said core bar in spaced relation to said bar forming two additional loops each having portions in common with said first named two loops respectively, and a second coil mounted on said first named core bar at right angles to said first named coil so as to have a magnetization effect on said two additional loops but so as to leave the winding leg upon which said first named coil is mounted out of the zone of magnetization effect of said second coil.

2,127,238

APPARATUS FOR INTEGRAL CARBURETION FOR MOTORS

Edmond Lucien Stokiss, Paris, France

Application September 14, 1936, Serial No. 100,656
In France November 13, 1935
5 Claims. (Cl. 261—99)



1. A carbureting apparatus for combustion motors which comprises a plurality of cells, wicks of pervious material, wick carriers containing said

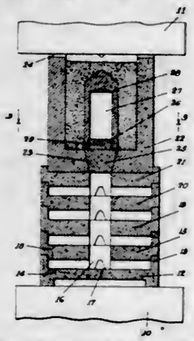
wicks and placed in said cells which are distributed in series, each series being divided into independent groups, the first cell in each group forming an inlet cell and comprising an air inlet, the last cell forming the outlet cell, all the cells in each group communicating together; a liquid fuel receiver in which the wick carriers dip with their wicks, said receiver comprising an upper compartment formed therein for the air admitted to the wick carrier of the outlet cell in each group, a distributor, and means driving said distributor to successively and progressively uncover the various groups of cells.

2,127,239

MEANS FOR PRODUCING HIGH MELTING POINT ALLOY CASTINGS

Shelley M. Stoody, Whittier, Calif., assignor to Stoody Company, Whittier, Calif., a corporation of California

Application December 11, 1935, Serial No. 53,910
4 Claims. (Cl. 22—79)



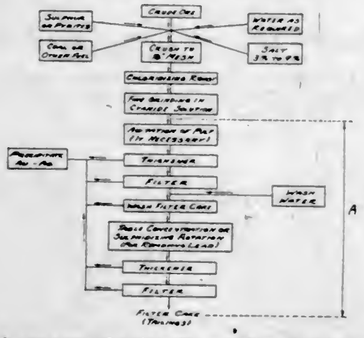
4. A crucible having an outlet in its bottom and a float valve seated in the outlet adapted to float in the molten contents of the crucible to open the outlet.

2,127,240

CHLORIDIZING-CYANIDE PROCESS FOR EXTRACTING VALUES FROM ORES

George F. Stott, Eureka, Nev., assignor to Eureka Prospect, Eureka, Nev., a partnership composed of J. A. Hogle, S. P. Holt, and G. F. Stott

Application August 31, 1935, Serial No. 38,693
12 Claims. (Cl. 75—105)



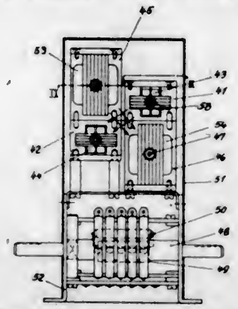
1. A process of extracting values from ore, consisting in crushing the ore to a suitable degree of fineness, subjecting the crushed ore to a chloridizing roast in the presence of moisture, the said chloridizing roast being carried to a point where protective alkalinity for subsequent cyaniding is produced automatically, grinding the resulting chloridized alkaline calcines fine in a cyanide solution of proper strength, and extracting the precious metal values from the pregnant cyanide solution.

2,127,241

HIGH FREQUENCY PART

Hans Vogt, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y., a corporation of Delaware

Application August 3, 1933, Serial No. 683,507
In Germany August 3, 1932
9 Claims. (Cl. 178—44)



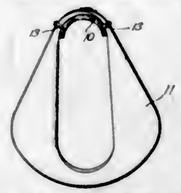
9. A band pass filter for frequencies above 150 k. c., comprising two tuned circuits, each including a tuning coil having a magnetic core of low loss at high frequencies above 150 k. c. and a multi-layer concentrated low capacity winding and an external condenser across each coil, all of said elements being enclosed in a common screening can, said two tuned circuits being at least partially coupled with one another by the mutual effects of at least one of their corresponding circuit constants.

2,127,242

HORSE-COLLAR PAD

Arthur Wesley, Chicago, Ill., assignor, by mesne assignments, to The American Pad and Textile Company, Greenfield, Ohio, a corporation of Ohio

Application February 2, 1938, Serial No. 188,253
1 Claim. (Cl. 54—67)



A horse-collar pad composed of a sponge-rubber body porous throughout its entire thickness to provide it with ventilating characteristics and slit crosswise, without removal of substantially any of the rubber, and straps occupying said slits for attachment of the rubber body to a horse-collar.

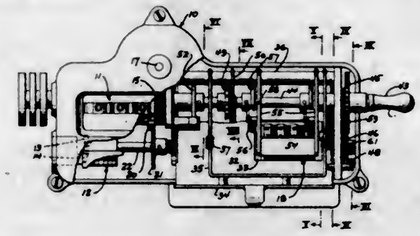
2,127,243

PRINTING COUNTER FOR FLUID METERS

William F. Berck, Oakland, Calif., assignor to Ralph N. Brodie Company, Oakland, Calif., a corporation of California

Application November 7, 1933, Serial No. 696,983
2 Claims. (Cl. 234—2)

1. A device of the character described including a printing counter, a casing enclosing said counter and having a slot formed therein for the reception of a paper slip to be printed upon by said counter, a tray for supporting said slip adjacent the counter for printing operation, a closure member normally covering said slot, clamping means for holding the paper to the tray, means for moving to a disengaging position said



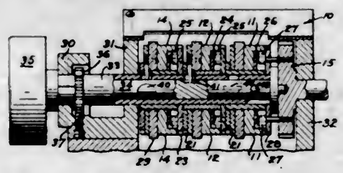
clamping means upon opening of said closure member to insert a slip, means for advancing said tray relative to the counter after one printing operation, means for locking said tray in the advanced position for a second printing operation, and means actuated by opening of the closure to release said locking means.

2,127,244

SETTING MECHANISM FOR PREDETERMINING COUNTERS

William F. Berck, Oakland, Calif., assignor to Ralph N. Brodie Company, Oakland, Calif., a corporation of California

Application January 21, 1937, Serial No. 121,445
7 Claims. (Cl. 235—117)



1. A device of the character described comprising a rotatable actuating member, a plurality of rotatable elements rotatably mounted about the axis of said member, and complementary means on said elements and said member whereby the latter may be set by rotation in one direction to selectively engage any one of said elements to adjust the position of the selected element by rotation of said member in the opposite direction.

2,127,245

ALLOY

Walter R. Breeler, Troy, N. Y., assignor to Ludlum Steel Co., Watervliet, N. Y., a corporation of New Jersey

No Drawing. Application July 19, 1935,
Serial No. 32,237
6 Claims. (Cl. 75—124)

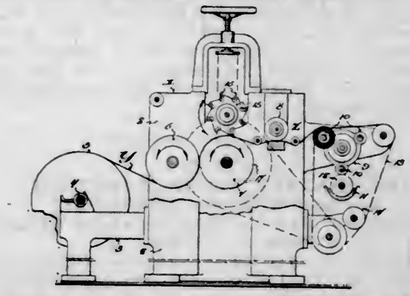
1. A readily forgeable alloy steel containing a plurality of elements and characterized by its resistance to hot oxidation and corrosive loss when subjected to attack by lead containing compounds at temperatures of the order of the operating temperatures of exhaust valves in internal combustion engines; the only essential elements necessary to obtain such characteristics being carbon from 0.2% to 1%, manganese from 8% to 12%, chromium from 18% to 22%, aluminum from 1.5% to 3.5% with the balance substantially all iron; the aluminum content being in excess of the silicon content, if any, in said steel.

2,127,246

EMBOSSING, PERFORATING, AND REWINDING MACHINE

Peter J. Christman, Green Bay, Wis.

Application September 30, 1935, Serial No. 42,977
2 Claims. (Cl. 101—23)



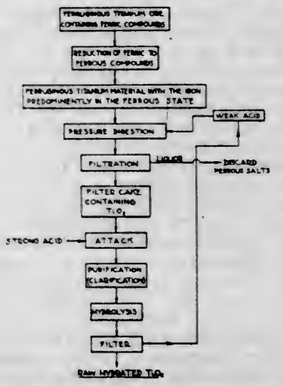
1. In a machine of the character described, a bed roll upon which a web of paper is embossed, a steel embossing roll working against said bed roll and a rotary head spaced from said bed roll and provided with detachable knives cooperating with said bed roll to transversely perforate said embossed web.

2,127,247

PREPARATION OF COMPOUNDS OF TITANIUM

David H. Dawson, East Orange, N. J., and Ignace J. Krchma, Brooklyn, and Robert M. McKinney, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

Application June 15, 1935, Serial No. 26,790
19 Claims. (Cl. 23—202)



19. A process for treating ferruginous-titanium ore containing iron in the ferric state, comprising treating said ore with a reducing agent at a temperature of between about 500–800° C., in the absence of substantial amounts of a fluxing agent and while maintaining the ore in substantially physically unchanged state, whereby the ferric compounds in said ore are reduced to the ferrous state only without formation of metallic iron, and then dissolving in acid the resulting ferrous compounds.

2,127,248

PROCESS FOR PREPARING RESINOUS MATERIAL AND PRODUCT

George L. Dorough, Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 13, 1936, Serial No. 63,738
7 Claims. (Cl. 260—2)

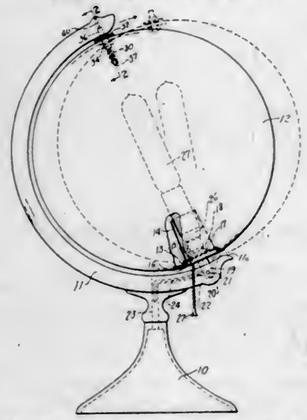
1. A process for preparing resinous material which consists in reacting at a temperature of at least 225° C. polymerized lactic acid and at least one esterifying agent selected from the group consisting of monocarboxylic acids, phenols and alcohols, continuing the reaction until a substantial amount of water is formed, and removing the water of formation.

2,127,249

ILLUMINATED GLOBE MOUNTING

Raymond R. Dupler, Toledo, Ohio

Application May 22, 1936, Serial No. 81,250
3 Claims. (Cl. 240—2)



1. A globe mounting comprising a standard, diametrically opposed supports on said standard, a globe carried by said supports, one support having a disengageable part adapted when released to free the globe therefrom, the other support having a member engageable with the globe and disposed substantially in axial alignment with said first support, a lamp associated with said other support and extending inside the globe, and means on said member providing a shiftable connection with the adjacent portion of the standard for enabling the member and globe to be moved laterally away from the standard upon release of said disengageable part.

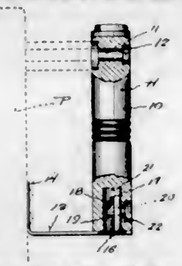
2,127,250

COOKING UTENSIL HANDLE

Ray H. Fay, Manitowoc, Wis., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis.

Application January 22, 1937, Serial No. 121,779
2 Claims. (Cl. 16—114)

2. A handle for cooking utensils comprising, a hand grip having an axial bore opening out through its lower end, and a radial opening communicating with the bore and opening out one side of the handle, a flat attaching bracket completely underlying the lower end of the hand grip and closing the open end of the bore, means connecting the inner end of the bracket with the cooking utensil, the outer end of the bracket having a slot therein, a removable clip engaging the lower face of the bracket and extending through



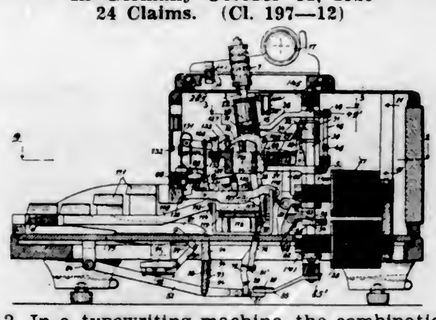
the slot and into the bore of the hand grip past the opening, and a screw fitted in said opening and threaded into the clip.

2,127,251

TYPEWRITING MACHINE

Oskar Fischer, Kappelhof, near Friedrichshafen, Germany

Application October 8, 1932, Serial No. 636,863
In Germany October 31, 1929
24 Claims. (Cl. 197—12)



2. In a typewriting machine, the combination, with a rotary type carrier, its shaft, and the mounting for said shaft which is rockable for imparting printing movement to said type carrier, of key-controlled mechanism for imparting rotary and printing movements to said type carrier comprising electromagnets for imparting respectively the rotary and the printing movement, means for simultaneously energizing said electromagnets, and means for preventing printing movement to a moment near the end of the rotary movement.

2,127,252

TEXTILE TREATMENT

August C. Fischer, St. Louis County, Mo.

No Drawing. Application August 10, 1936, Serial No. 95,176
5 Claims. (Cl. 21—5)

1. The process of mothproofing textile fabrics by liquid immersion, which consists in agitating the fabrics in a liquid hydrocarbon bath containing a quantity of an aqueous solution of an inorganic moth repellant consisting substantially of a relatively soluble fluoride, the solution being dispersed in the liquid hydrocarbon to an extent to produce a visible opacity, proportioning the quantity of the aqueous solution to the weight of the fabric under treatment, and in agitating the fabric in the liquid mixture until substantial clarification of the liquid, as indicating absorption of the aqueous solution by the fabric.

3. A liquid for the immersion treatment of textile fabrics against moths and like insects, which

consists of a quantity of liquid hydrocarbon at least sufficient to saturate the quantity of fabric to be treated, a quantity of magnesium silicofluoride homogeneously dispersed in the hydrocarbon and present therein as an aqueous solution of less than 10% strength, in an amount under one ounce of such solution per pound of fabric to be treated, and a dispersing medium for the magnesium silicofluoride, consisting of a sulfonated alcohol in an amount of the order of 1% of the total weight of liquid.

2,127,253

MAGNESIUM ALLOY

Edward F. Fischer, Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware

No Drawing. Original application August 7, 1935, Serial No. 35,126. Divided and this application July 2, 1937, Serial No. 151,698
4 Claims. (Cl. 75—168)

1. A magnesium base alloy containing from 5 to 10 per cent aluminum, 0.1 to 1 per cent manganese, 0.1 to 1.5 per cent zinc, 0.05 to 0.5 per cent calcium, and 0.1 to 1 per cent thallium, and characterized by improved ductility and freedom from hot-shortness under mechanical deformation at elevated temperatures.

2,127,254

MAGNESIUM ALLOY

Edward F. Fischer, Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware

No Drawing. Original application August 7, 1935, Serial No. 35,126. Divided and this application July 2, 1937, Serial No. 151,699
4 Claims. (Cl. 75—168)

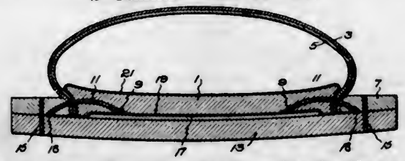
1. A magnesium base alloy containing from 5 to 10 per cent aluminum, 0.1 to 1 per cent manganese, 0.1 to 1.5 per cent zinc, 0.05 to 0.5 per cent calcium, and 0.1 to 1 per cent cadmium, and characterized by improved ductility and freedom from hot-shortness under mechanical deformation at elevated temperatures.

2,127,255

SHOE

Perley G. Flint, Brockton, Mass.

Application March 25, 1935, Serial No. 12,772
2 Claims. (Cl. 36—17)



1. A shoe having a leather insole the upper surface and side edges of which have a flaccid, wear-resisting, friction-reducing coating of waterproof material, a non-tacky, flaccid, wear-resisting coating of waterproof material on the under surface of said insole integrally united with the first mentioned coating, and a sole operatively secured to said insole in non-adhering relation to the coating on the under surface of said insole.

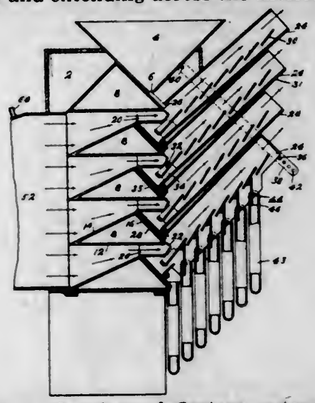
2,127,256

AUTOMATIC SEPARATOR

Charles W. Herrin, Kansas City, Mo.

Application January 28, 1935, Serial No. 3,828
4 Claims. (Cl. 209—137)

2. In an apparatus of the character described, a segregating chamber comprising top, bottom, and side walls, a series of inclined overlapping flights spaced apart from each other and above the bottom wall and extending across the interior of the



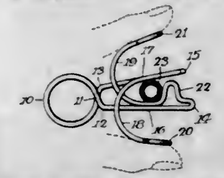
segregating chamber, deflectors extending inwardly from the side walls over the foremost flight, and other deflectors extending inwardly from the side walls over the bottom wall.

2,127,257

PINCH-COCK

Carl S. Hornberger, Glen Ellyn, Ill., assignor to Central Scientific Company, a corporation of Illinois

Application April 8, 1937, Serial No. 135,733
1 Claim. (Cl. 251—5)



A pinch cock comprising a pair of jaws each having a tube-compressing area intermediate its ends and having an outer free end, a spring portion connecting the inner ends of the jaws urging the jaws together, a tube-retaining projection extending from one jaw toward the other at a point between the free end and the tube-compressing area of the jaw, and a finger seat portion extending away from each jaw at a point between its tube-compressing area and the spring connection whereby said areas of the jaws may be separated to relieve compression on a tube between said areas, the length of each finger seat extension and the length of the tube-retaining projection being so proportioned as to permit a tube to be introduced laterally from the free ends of the jaws, between the projection and the other jaw, and on to the tube-compressing areas when said areas are separated by pressing the free ends of the finger seat portions toward each other.

2,127,258

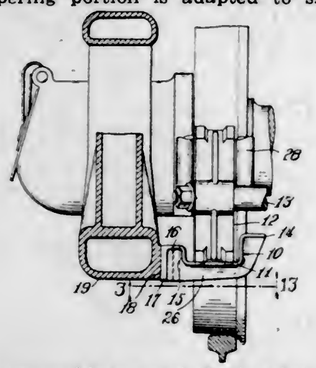
BRAKE BEAM SAFETY SUPPORT

Fred A. Isaacson, Topeka, Kans.

Application September 14, 1936, Serial No. 100,696
5 Claims. (Cl. 188—210)

1. A brake beam safety support comprising, in combination with a truck side frame, a bracket member adapted to extend horizontally from the inner side of the truck side frame in a plane beneath the brake beam, one end of the member

having a downwardly disposed tapering portion while the truck side frame on its inner side has a downwardly tapering vertical slotway into which said tapering portion is adapted to slide and



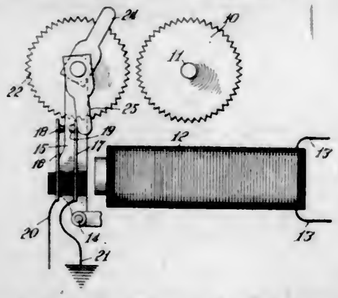
thereby removably support the bracket in place and transmit all bearing strains to the side frame, the bracket member also having a laterally extending lobe adapted to receive means for holding the bracket against removal.

2,127,259

ELECTRIC CIRCUIT CONTROL MECHANISM

Martin A. Johnson, San Marino, Calif.

Application January 24, 1934, Serial No. 708,095
2 Claims. (Cl. 200—87)



1. In electric circuit control mechanism of the character described, a power operated wheel; an electromagnet; a swingingly mounted armature adapted to be controlled by the electromagnet, said armature being provided with a pair of normally spaced electric circuit controlling contact points; a wheel rotatably mounted on said armature and adapted to be moved into operative engagement with the power operated wheel when the armature is attracted by said electromagnet; means carried by the second mentioned wheel adapted to move said contact points into engagement with each other; and means whereby said second mentioned wheel and said first mentioned means are returned to normal position when said electromagnet is deenergized and the armature swings back to normal position.

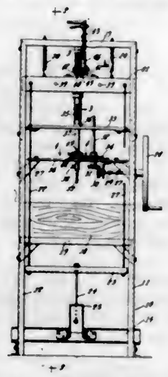
2,127,260

DRILLING, PUNCHING, AND MORTISING MACHINE

Hermann J. Kaiser, Harper, Tex.

Application December 9, 1937, Serial No. 178,870
3 Claims. (Cl. 29—26)

1. A machine of the class described comprising an upright frame having a pair of spaced apart sides and a top, a cross bar slidably mounted between said sides, springs normally urging said bar toward said top, a table mounted between said sides, and upper platform and a lower platform secured to said sides intermediate said table and said top, a vertical shaft depending from said bar and having its upper end rotatably supported therein, said shaft passing loosely through said platform, a pinion rotatably mounted on said bar, a vertical rack extending between



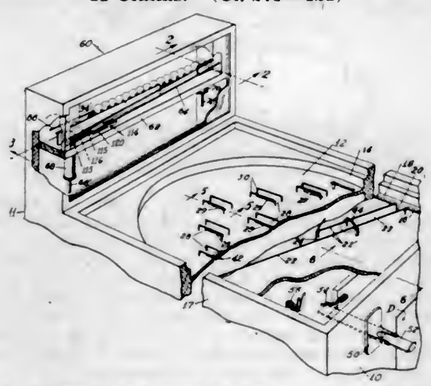
said top and said upper platform, said pinion engaging said rack, crank means for rotating said pinion to raise or lower said bar and shaft, a gear loose on said shaft and flush against said lower platform, said shaft having a keyway between said platforms, a rigid collar on said gear having a radial opening therethrough, a pin slidably mounted in said opening against said shaft, a hand wheel mounted on said frame, and means for rotating said gear upon rotation of said hand wheel.

2,127,261

GAME APPARATUS

Eugene Kramer, Percy Shields, and Milton Gitelson, Los Angeles, Calif., assignors to Exhibit Supply Company, Chicago, Ill., a corporation of Illinois

Application July 18, 1936, Serial No. 91,354
11 Claims. (Cl. 273—121)



1. A game apparatus having switch mechanism operable by means involved in the operation of the game apparatus, a manual control, score indicating means comprising a pair of ball retaining members positioned side by side and tilted in opposite directions, a plurality of balls normally distributed in a predetermined manner in said

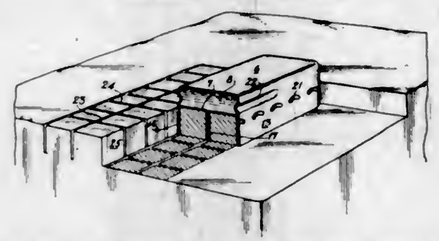
members, means for transferring one of said balls in one said retaining member to the other thereof responsive to the actuation of said switch mechanism, and means controlled by said manual control mechanism for restoring balls transferred as aforesaid one at a time back to the said retaining member from which they were removed.

2,127,262

ICE CUBER

William J. La Casse, Duluth, Minn., assignor to The Coolerator Company, Duluth, Minn., a corporation of Minnesota

Application July 14, 1937, Serial No. 153,525
9 Claims. (Cl. 62—112)



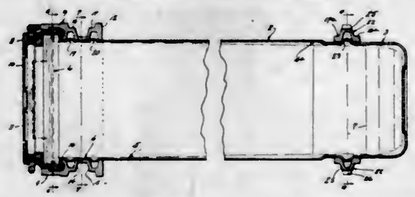
1. An ice cuber adapted to form ice cubes on an ice cake and comprising a tank adapted to contain a fluid heating medium, the side and end walls of said tank depending below the bottom thereof, and partitions extending between the depending portions of said walls and cooperating therewith to provide a cube forming grid, said partitions being joined to said bottom to insure efficient heat transference therethrough to an ice cake from the fluid heating medium when said grid is rested on the ice cake, selected of the depending portions of said walls having openings therein to equalize heat transference through the depending portions and said partitions.

2,127,263

AMMUNITION TANK

Charles F. Lambert, Grosse Pointe Farms, Mich., assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich., a corporation of Delaware

Application April 7, 1936, Serial No. 73,056
20 Claims. (Cl. 206—3)



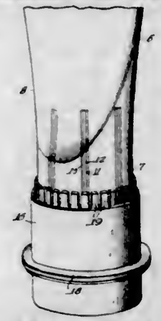
1. A dual purpose ammunition tank comprising a container having a bottom end and a cover end of greater diameter than a portion of the bottom end, spaced means on said tank so shaped and positioned that when another tank of the same construction is stowed alongside of said first named tank said means on both tanks will complementally register and contact, both when said tanks are positioned cover end to cover end and with cover ends reversed, to maintain the axes of said tanks substantially parallel, the distance between said axes when said tanks are stowed with cover ends reversed being less than half the sum of the diameters of the cover ends.

2,127,264

PROPELLER BLADE

Glen T. Lampton, Williamsport, Pa., assignor to Aviation Manufacturing Corporation, Chicago, Ill., a corporation of Delaware

Application November 7, 1935, Serial No. 48,643
13 Claims. (Cl. 170—159)



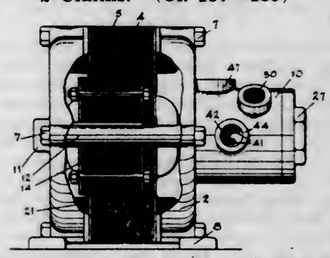
1. A propeller blade comprising a body and a cylindrical shank of laminated material such as wood with longitudinal metallic plates in the shank and bonded thereto and intersecting the joints between the laminae.

2,127,265

ROTATIVE SLIDE VALVE

William H. Martin, Pleasant Ridge, Mich.

Application June 23, 1937, Serial No. 149,938
2 Claims. (Cl. 137—139)



1. In a valve, an electromagnetic motor means having a stator and a rotor, the valve having a chamber, a valve member located in the chamber and in contact with a wall of the chamber and having a recess, the said wall of the chamber having exhaust and pressure ports, a bearing member extending through the said wall and through the exhaust port and connected to the rotor and the valve member for rotatably supporting the rotor and the valve member, means for introducing fluid under pressure into the chamber and operative to press the valve member against the end wall of the chamber, the central planes of the stator and rotor extending at right angles to their axis and being relatively displaced to simultaneously release the pressure of the valve on the said wall and rotate the rotor and sequentially connect the pressure ports with the chamber and alternately connect each pressure port with the exhaust port and the chamber.

2,127,266

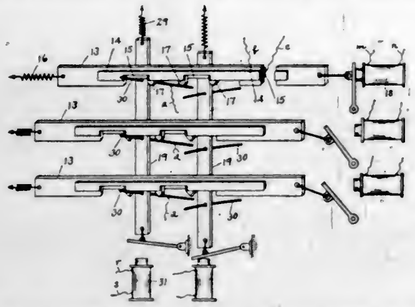
COMBINATION STOP EQUIPMENT FOR PIPE ORGANS

Alfred Moorhouse, Castle Shannon, and Samuel G. Bowman, Mount Lebanon, Pa., assignors to M. P. Möller, Inc., a corporation of Maryland

Application October 22, 1937, Serial No. 170,482
1 Claim. (Cl. 84—344)

In a pipe organ equipped with a plurality of

pipe stops, a combination stop apparatus including a plurality of longitudinally reciprocable pipe-stop bars grouped in parallelism, each associated with one of said pipe stops, each bar provided with a plurality of notches, the bar carrying two conducting plates electrically isolated one from the other, one plate exposed for contact in one notch and the other plate exposed for contact in the other notch, means for shifting longitudinally each pipe-stop bar in response to the shifting of the corresponding stop, a combination-stop bar arranged adjacent to the grouped pipe-stop bars extending athwart the pipe-stop bar assembly and longitudinally reciprocable, means for shifting longitudinally the combination-stop bar, the combination-stop bar being equipped with a plurality of contact pieces corresponding in number to the pipe-stop bars and spaced at intervals corresponding to the spacing of the pipe-stop



bars, the contact pieces being in the form of outstanding resilient and flexible pins, the combination-stop bar in the range of its reciprocation being adapted to carry the contact pieces to and from position in the notches of the pipe-stop bars and to and from contact with the plates severally, exposed therein, a plurality of electromagnets, two associated with each pipe stop, and adapted when severally energized to bring the stop to and maintain it in one of its two positions of action and inaction, the contact pieces of the combination-stop bars establishing, when the bar is in plate-contacting position, a line of electric flow to one or the other of the electromagnets of each pair, according to the engagement of the contact piece in one or another of the notches in the corresponding pipe-stop bar, and means for simultaneously closing at will electric circuits through the so selectively positioned contact pieces and electromagnets.

2,127,267

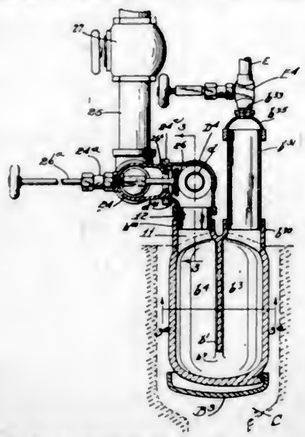
RETORT FOR VAPORIZING LIQUID FUEL

John W. Nelson, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois

Application April 21, 1934, Serial No. 721,835

1 Claim. (Cl. 48—102)

A gas generating apparatus comprising a retort whose chamber has a vertically extending part partitioned from the remainder and communicating therewith only at the lower end, and means for heating said retort through the agency of a current of hot gases directed against the exterior of the retort, said retort having a pipe connection affording an inflow passage for liquid fuel leading to the upper end of its vertically extending part and connected with a source of liquid fuel, said part being otherwise completely closed above its communication with the remainder of the chamber; said heating means being adapted to produce within the enclosing wall of said vertically extending part a temperature above that required for vaporizing the liquid fuel, the liquid fuel connection including a substantially vertically extending conduit member constituting an upward extension of said vertically extending part of the retort chamber and including also a fitting at the upper end of said extension member having a downwardly discharging port axially located with respect to the



cavity of said extension member, the means by which the current of hot gases is directed against the retort including a conduit for said hot gases in an upwardly extending part of which conduit the retort is encompassed, and a shield interposed in said retort encompassing conduit under the retort for deflecting the heating gases from the bottom of the retort chamber, whereby the side wall of the retort chamber is more highly heated than the bottom.

2,127,268

CAP AND TUBE ASSEMBLY

Robert Palmer, Wheeling, W. Va., assignor to Wheeling Stamping Company, Wheeling, W. Va., a corporation of West Virginia

Application July 9, 1937, Serial No. 152,723

1 Claim. (Cl. 221—60)



A tube and cap assembly comprising a tube having a neck with a threaded portion and an unthreaded terminal extension beyond the threaded portion, and a cooperating cap having a flange and a base, the flange being provided with interior threads to engage the threads on the neck of the tube, the inside of the base of the cap having a sloping neck-engaging projection therein adapted to be forced into the unthreaded extension of the neck of the tube, there being an annular recess around the projection to receive the unthreaded portion of the neck of the tube, said cap having an outwardly flared interior wall around said space positioned to engage the exterior of the neck of the tube when it is expanded by said projection, said annular recess formed between the projection and said outwardly flared wall also being outwardly flared, said recess being of a thickness only sufficient to receive the unthreaded portion of the tube neck, whereby said unthreaded neck portion is expanded outwardly upon entering said recess when the cap is screwed home and is contracted with the initial turning of the cap to unscrew it.

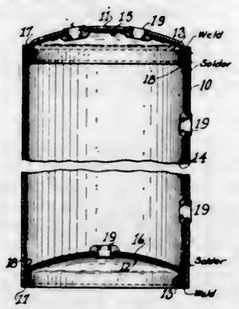
2,127,269

RANGE BOILER

William R. Robinson, Niles, Ohio

Application August 7, 1936, Serial No. 94,802

4 Claims. (Cl. 220—63)



1. A range boiler or the like of the type having relatively small water ingress or egress openings comprising a cylindrical shell closed at one end and open at the other end, and a head telescopically fitted to the said open end, the shell and the head having provided thereon prior to assembly preformed liners of copper or equivalent relatively non-corrodible material, the liner of the shell and the liner of the head being in overlapping relation entirely around the same, the joint between the overlap of the liners of the shell and head being sealed interiorly of the boiler by fusible material and the shell being secured to the head exteriorly of the point of application of the fusible material.

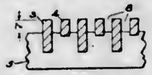
2,127,270

METHOD OF MAKING SEWAGE SCREENS

John Schaaf, Buffalo, N. Y.

Application August 25, 1936, Serial No. 97,787

6 Claims. (Cl. 29—163.5)



1. A method of manufacturing a screen segment consisting in cutting a plurality of ribbons from a solid plate by milling one side of said plate to form a portion of each of said ribbons, inserting the formed portions of said ribbons into cross supporting bars which are slotted to conform to the formed portions of said ribbons and milling the opposite side of said plate to complete the formation of said ribbons.

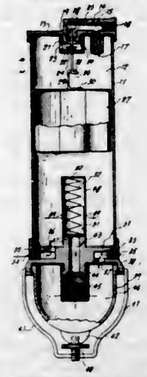
2,127,271

WATER PROTECTIVE DEVICE FOR AUTOMOBILE MOTORS

William Schenk, St. Albans, N. Y.

Application November 17, 1936, Serial No. 111,259

3 Claims. (Cl. 123—174)



2. A device of the class described comprising a housing enclosing an upper compartment having an opening near the top thereof and a lower compartment, a union dividing said compartments, a pair of passages in said union each having an opening at one end on the outside of said union, one of said passages communicating with said upper compartment and the other with said lower compartment, a tube connecting the outside opening of one of said passages with the water system of a motor at a point near the top of the system, a tube connecting the outside opening of the other of said passages with said water system at a point near the bottom of the system, said union having an opening communicating between both of said compartments, a filter surrounding said last-named opening, a float mounted in said upper compartment, a normally open valve in said first-named opening, and means partly on said last-named valve and partly on said float for closing said last-named valve upon rising of said float to the top of said upper compartment.

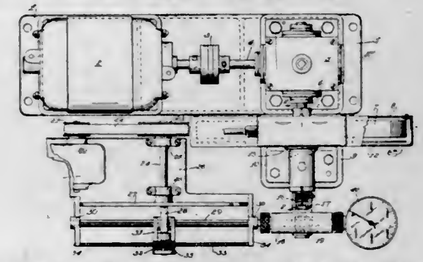
2,127,272

TESTING AND CALIBRATING MACHINE

Fred G. Schweisthal and Waldemar S. Hansen, Chicago, Ill., assignors to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application November 23, 1936, Serial No. 112,249

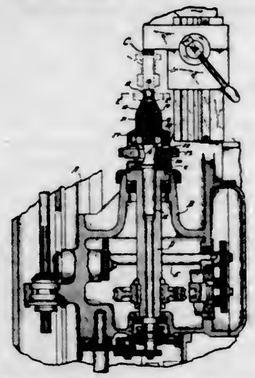
10 Claims. (Cl. 88—14)



1. The combination of a rotary member, a motor for rotating it at a uniform speed, a rotary shutter mounted adjacent said member, the surface of said member toward the shutter bearing a plurality of adjacent and continuous co-axially arranged rows of marks, and the shutter having

a plurality of uniformly spaced apertures each dimensioned to expose several adjacent rows of marks simultaneously, a speed-indicating instrument to be tested having a drive shaft, driving means including speed-varying means adjustable at will and connected for simultaneously rotating said shutter and the shaft of the instrument at speeds always in a fixed ratio with respect to each other, the respective rows of marks differing in number and each row of marks corresponding to a different instrument speed, the speed of the shutter and instrument being variable through a range of speeds to which the several rows of marks correspond, the number of marks in each row being calculated so that at the exact speed corresponding to that row said marks, when successively viewed through the shutter apertures, will appear stationary.

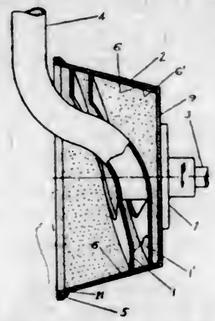
2,127,273
HOBBING MACHINE
Otis E. Staples, Cleveland, Ohio, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio, a corporation of Ohio
Application February 6, 1937. Serial No. 124,440
2 Claims. (Cl. 279—2)



1. An expandible chuck comprising a body member adapted to be connected to a rotatable spindle, a plurality of work engaging jaws carried by said body portion and movable radially of the longitudinal axis thereof, a transverse member extending through said body portion and movable longitudinally thereof, a longitudinally extending member connected to said transverse member and provided with a cam surface adjacent said work engaging jaws adapted to move the latter into expanded position, rollers carried by said transverse member, a spring located within said body member and operatively connected thereto and to said transverse member for continuously urging said longitudinal member in a direction to move said jaws into expanded position, a cam member rotatably supported about the exterior of said body member and having a plurality of cam surfaces on the face thereof adapted to engage said rollers and move said transverse or cross member against the action of said spring, and antifriction bearings interposed between said body member and said cam member.

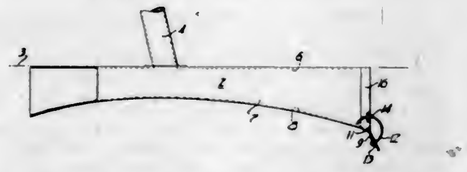
2,127,274
ROTARY PROJECTOR
Arthur B. Steuart, Baltimore, Md.
Application December 18, 1937, Serial No. 180,536
6 Claims. (Cl. 51—9)

1. An abrasive projecting wheel having an inner projecting surface in form of the frustum of a cone, means for rotating the wheel, a substantially stationary guide within said frustum conforming substantially to the direction of natural flow of the abrasive to restrain the spread of abrasive, a feed pipe for leading the abrasive to the guide near the small end of the frustum, the



length of the frustum being sufficient to enable abrasive poured into the wheel at the smaller end thereof to attain a lineal velocity approaching that of the periphery of the wheel whereby it is projected from the larger end of the frustum, which is open for this purpose.

2,127,275
DUSTING APPARATUS
Robert J. Streif, Modesto, and Milton S. Robertson, Campbell, Calif., assignors to Independent Crop Dusting, Inc., San Francisco, Calif., a corporation of California
Application August 31, 1937, Serial No. 161,778
9 Claims. (Cl. 43—147)

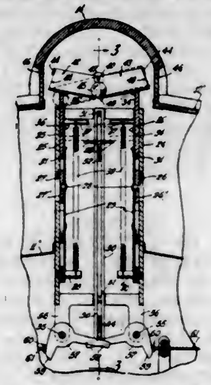


1. Dusting apparatus comprising a tube through which a stream of air may flow, said tube in section having the shape of the lower half of a Venturi tube, and an inlet for admitting dust into said air flow.

2,127,276
TARGET APPARATUS
Walter A. Tratsch, Chicago, Ill.
Application April 15, 1938, Serial No. 202,166
12 Claims. (Cl. 273—101)

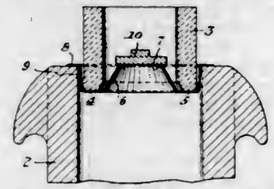
9. Target apparatus including a housing having opposite compartments with missile-projecting means in each compartment and a target structure common to said compartments and having a pair of targets with one target of each pair positioned opposite one of said compartments, and hit-indicating means for each pair of targets and including a movable hit indicator and container means normally disposing the same in non-indicating position, together with mechanism operatively controlled by each target of said pair for effecting movement of said container means to move said indicator in opposite directions to indicate a hit for one or the other target

of each pair, and manually operable means for restoring said container means to normal posi-



tion with said indicator in non-indicating position.

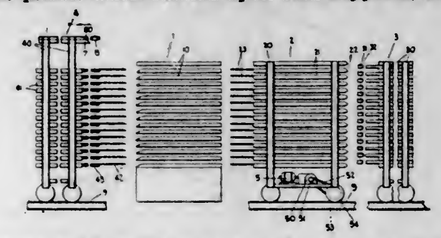
2,127,277
POURING GUARD
William A. Turner and Ernest J. Turner, Pittsburgh, Pa., assignors to McLain Fire Brick Company, Pittsburgh, Pa., a corporation of Delaware
Application September 26, 1936, Serial No. 102,797
1 Claim. (Cl. 22—147)



The combination with an open top ingot mold and a hot top therefor having external dimensions less than the dimensions of the mold cavity of a guard positioned in the mold top opening for supporting the hot top, said guard comprising a metal cup-shaped member having a depressed portion on which the hot top is supported in the mold cavity, an upwardly extending continuous side which is positioned between the faces of the mold cavity and the outside faces of the hot top, a flange extending outwardly from the upper edge of the cup side and adapted to rest on the upper edge of the mold, said depressed portion of the cup-shaped member having a truncated, cone-shaped opening therein, the sides of which extend into the hot top, and a removable cover member for closing the upper end of the cone-shaped opening.

2,127,278
CHARGING AND DISCHARGING MECHANISM FOR PRESSES
Arthur R. Welch, Hoquiam, Wash., assignor to Harbor Plywood Corporation, Hoquiam, Wash., a corporation of Delaware
Application November 26, 1934, Serial No. 754,825
26 Claims. (Cl. 214—18)

26. Mechanism for handling laid up multi-ply panels, comprising, in combination with a receiver having spaced means to receive superposed panels, a loading car positioned adjacent the receiver, and having a plurality of supports vertically spaced by distances in excess of the thickness of the panels, a poker car disposed on the opposite side of the loading car from the receiver, and including a plurality of projecting pokers spaced apart vertically to correspond to the spacing of the panels when carried upon said supports, and



means guiding the poker car for movement towards the receiver, the pokers each engaging the rear edge only of the corresponding panel, during such movement, and advancing it edgewise from its support, on the loading car, into the receiver.

2,127,279
LUBRICATOR SHAKING JACK
Howard J. Willoughby, Little Neck, N. Y.
Application March 18, 1935, Serial No. 11,704
15 Claims. (Cl. 73—51)

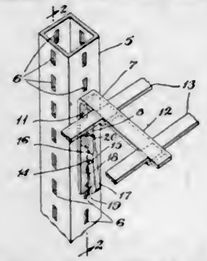


1. A vehicle lifting and shaking jack comprising, in combination, a base, a hollow standard rising therefrom, means telescopically received in the standard and mounted for reciprocation therein, means including a pin bridging the standard for holding the telescopically mounted means at various elevations with respect to the standard, headed lifting means mounted in the telescopically mounted means, and means for vertically adjusting the headed lifting means relatively to the telescopically mounted means, said pin having limited vertical movement with respect to the standard, and means engageable with the pin for reciprocating the telescopically mounted means relatively to the standard.

2,127,280
LOCK BRACKET
William H. Zimbalist, New York, N. Y., assignor to Pierre H. Meyer, Mount Vernon, N. Y.
Application August 21, 1936, Serial No. 97,195
6 Claims. (Cl. 248—243)

6. A supporting bracket of the class described comprising an elongated mounting portion having spaced hook-shaped coupling members pro-

jecting from one side surface thereof, said mounting portion being provided intermediate said hook-shaped members with an aperture, a lever pivotally supported on the other surface of said mounting portion, one end of said lever having



a part adapted to pass through the aperture in said mounting portion, tensional means engaging the other end of the lever for normally supporting said part in said aperture, and said part being movably supported on said lever.

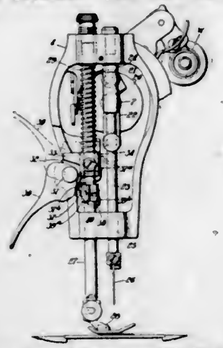
2,127,281

BRAKE DEVICE FOR SEWING MACHINES

William L. Barron, Laurence Harbor, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application September 19, 1936, Serial No. 101,564

7 Claims. (Cl. 112—218)



1. A sewing machine combining a reciprocatory needle-bar; a presser-foot; driving means for said needle-bar; lifting means for said presser-foot; disconnecting means between said needle-bar and its driving means; means actuated by said driving means when it is disconnected from said needle-bar to wind bobbins; and means, rendered effective by the actuation of said presser-foot lifting means, to prevent accidental movement of said needle-bar after said disconnecting means has been actuated to disconnect said needle-bar from its driving means.

2,127,282

GOLF BALL TEEING DEVICE

Clay C. Beckett, Washington, D. C.

Application June 10, 1936, Serial No. 84,552

1 Claim. (Cl. 273—33)



A golf ball reservoir for cooperation with a tee and means to deliver balls from the reservoir to the tee in a teeing machine, said reservoir comprising a vertical and substantially cylindrical casing, means in said casing defining a helical runway for balls formed on a support presenting a continuous runway with the convolutions thereof progressively approaching closer to the central vertical axis of the support as the runway ascends, whereby the space between the vertical wall of the casing and the runway increases progressively upwards, and a delivery chute connected to said casing.

2,127,283

PRODUCTION OF EXTENSIBLE BUNDLES OF ARTIFICIAL THREADS

Heinz van Beek, Berlin-Lichterfelde-West, and Thomas Clapham, Berlin, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application February 19, 1934, Serial No. 712,080

In Germany February 23, 1933

5 Claims. (Cl. 19—1)



1. An apparatus for converting a bundle of continuous artificial fibers into an extensible bundle of artificial fibers which comprises aggregates of three cylindrical elements constituting a feed mechanism, said cylindrical elements being spaced apart so that a bundle of continuous artificial fibers fed by said aggregates is not pressed, aggregates of three cylindrical elements constituting a draft mechanism, said cylindrical elements being spaced apart so that a bundle of artificial fibers is not pressed, and a bundle of artificial fibers engaging said cylindrical elements frictionally.

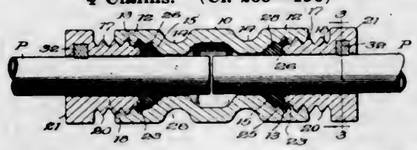
2,127,284

PIPE COUPLING

William S. Board, Middleport, Ohio

Application January 18, 1937, Serial No. 121,201

4 Claims. (Cl. 285—196)



1. A pipe coupling including a sleeve to receive adjacent terminals of separate pipe sections therein, the opposed terminals of the sleeve being threaded, cylindrical glands threadedly secured to the terminals of the sleeve around the pipe sections and each gland having opposed angularly-disposed frusto-conical surfaces formed at one terminal thereof which intersect intermediate the inner and outer peripheral surfaces of the cylindrical gland, yieldable annular gaskets received within the sleeve and engaging portions of the sleeve and having opposed angularly-disposed frusto-conical surfaces which intersect intermediate the inner and outer surfaces of the gasket to be engaged by the said opposed frusto-conical surfaces of the gland to simultaneously spread the gaskets inwardly and outwardly as the glands are screwed towards the sleeve to thereby cause the spread portions of the gaskets to engage the outer surfaces of the pipe sections and the inner surface of the sleeve to form leak-tight joints within the sleeve around the pipe sections.

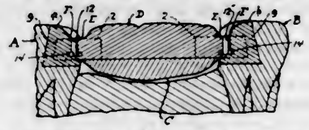
2,127,285

DENTAL BRIDGE LOCK

Friedrich L. Brecht, San Francisco, Calif.

Application February 1, 1937, Serial No. 123,372

3 Claims. (Cl. 32—5)



1. In a removable denture of the character described where there is a permanent tooth and a removable tooth a socket member adapted to be mounted in one tooth and a tongue adapted to be mounted on the other and fitting the socket, complementary semi-circular shaped grooves formed in the adjoining faces of the socket and tongue, said grooves extending from the outer face of the socket and tongue to a point adjacent the inner ends thereof, and each groove terminating in an enlarged recess, a pin disposed between the grooves, and means on the inner end of the pin adapted through rotation of the pin to interlock the tongue and socket.

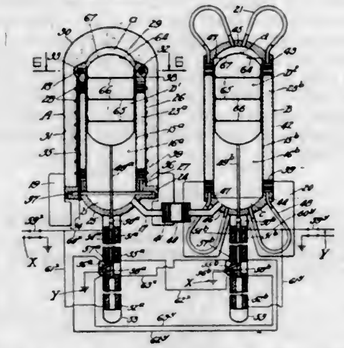
2,127,286

APPARATUS FOR TRANSFERRING HEAT

Vannevar Bush, Belmont, Mass., assignor, by mesne assignments, to Research Corporation, New York, N. Y., a corporation of New York

Application October 18, 1935, Serial No. 45,553

9 Claims. (Cl. 62—1)



4. A thermal pump comprising two intercommunicating chambers having their end portions of generally diverse temperatures, displacers in said chambers, and means for periodically moving said displacers in sequence from one end to the other of their respective chambers, said displacers being of thin walled, hollow construction and enclosing a gas at a pressure substantially equal to the maximum external pressure.

2,127,287

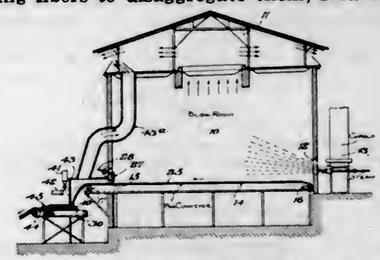
MAKING ROCK WOOL PREPARATIONS

William E. Carson, Riverton, Va.

Application July 2, 1936, Serial No. 88,667

3 Claims. (Cl. 154—27)

1. Apparatus for making rock wool articles comprising a chamber, means for forming rock wool fibers in aerial suspension and blowing them into the chamber, a conveyor receiving such fibers and arranged to be driven at such rate that only a thin layer of fibers exists thereon during operation, a collecting conveyor below the exit end of the first conveyor and arranged to receive fibers falling off the end of the first conveyor as a thin cascade, means for projecting horizontal jets of air or steam against the falling fibers to disaggregate them, said collecting conveyor being arranged to be driven at a slower rate than the first conveyor to allow building up of a layer of fibers thereon, and means for forming the layer into bats.



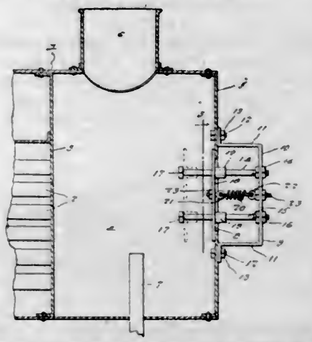
2,127,288

DRAFT REGULATOR

Thomas J. Colihan, Girardville, Pa.

Application November 19, 1937, Serial No. 175,525

1 Claim. (Cl. 236—45)



A draft regulator for use on a boiler smoke box of the type having a draft opening therein, said regulator comprising a U-shaped bracket adapted to be secured to the outer side of said box and to span said opening, a pair of guide rods extending from said bracket and adapted to extend through said opening into said box, a closure plate slidably mounted on said rods and adapted to be disposed in said box for movement on the rods into and from closing relation to said opening, a tension spring connected at its opposite ends to said plate and bracket to urge said plate toward closing relation, and stops on said rods for limiting movement of the plate thereon from closing relation.

2,127,289

HONING DEVICE

Herbert Corrall, St. Alban, Helensburg, and Bertram A. Stevens, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

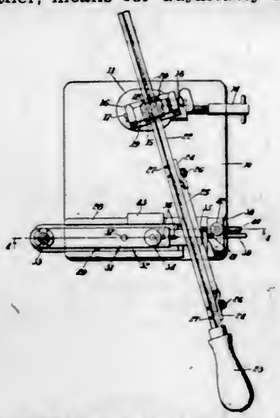
Application February 5, 1936, Serial No. 62,408

In Great Britain September 3, 1935

7 Claims. (Cl. 51—69)

1. A sharpening device of the class described comprising, a base, a blade-holder carried by said base, a support on said base, a guide pivotally mounted on said support, a rod extending through said guide and carrying a sharpening

stone, said guide and rod being shaped so as to prevent the rod and guide from turning relative to each other, means for adjustably supporting



said guide in said support for movement about the longitudinal axis of said rod and clamping means for holding said guide in its adjusted position.

2,127,290

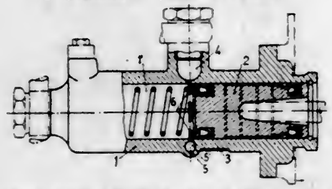
HYDRAULIC BRAKE MECHANISM

Giovanni Farina, Turin, Italy

Application February 26, 1937, Serial No. 128,009

In Italy December 31, 1936

4 Claims. (Cl. 60—54.6)



1. A ram comprising a cylinder, a piston slidable in said cylinder, flexible cup-shaped packings for said piston, said cylinder being provided with inlet slots having a width of the order of $\frac{1}{10}$ millimeters to prevent the edge of said cup-shaped packing from bulging in said slots under the action of high pressure.

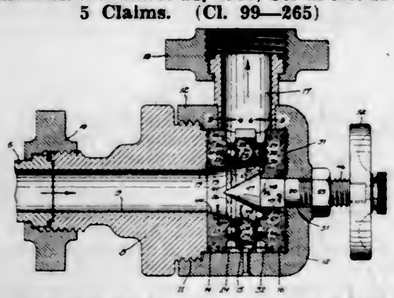
2,127,291

LIQUID HOMOGENIZING APPARATUS

John H. Gardner and Le Forrest C. Plastridge, La Porte, Ind., assignors to Gardner Dairy Equipment Corporation, La Porte, Ind., a corporation of Michigan

Application November 14, 1936, Serial No. 110,899

5 Claims. (Cl. 99—265)



1. In a homogenizing apparatus a casing having therein a pair of discs having mutually engaged co-axial circular annular surfaces, one of the said annular surfaces having radial grooves therein covered by the other annular surface and providing radial passages, one disc being adjustably rotatable relative to the other, an elevated sector-form bead on the ungrooved element arranged to overlap and cover or uncover successive orifices to adjustably vary the number of effective orifices upon rotation, and means to confinedly communicate liquid under pressure to the uncovered orifices to force liquid therethrough.

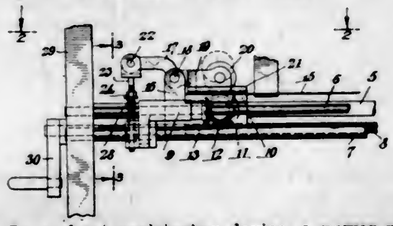
2,127,292

SIDE GUIDE FOR PRINTING PRESSES

William Gegenheimer, Brooklyn, N. Y., assignor to Willard Manufacturing Corporation, New York, N. Y., a corporation of New York

Application August 26, 1936, Serial No. 98,089

2 Claims. (Cl. 271—59)



1. In a sheet registering device, a power roller adapted to be engaged by a sheet, an arm pivoted adjacent to said roller, an idler carried by said arm and adapted to move in paper clamping engagement with said roller, a pin connected to said arm, a finger having an opening in one end to loosely receive said pin, an adjusting member on said pin, a spring interposed between said finger and said member, a nut on said pin engaging the finger on the side opposite to said spring, and a timing device controlling the movements of said finger.

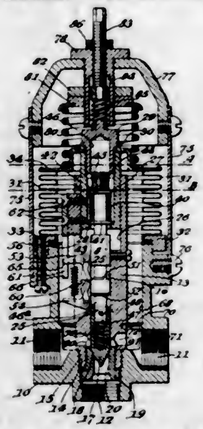
2,127,293

POWER OPERATED MECHANISM

Wilbert M. Gilman, Cambridge, Mass.

Application September 28, 1935, Serial No. 42,678

2 Claims. (Cl. 137—153)



1. In a pressure operated mechanism, a casing having a fluid inlet and outlet, a sleeve detachably supported within said casing having a passage communicating with said outlet, a valve member movably carried by said sleeve to open and close said outlet, and valve operating mechanism carried by said sleeve comprising an actuator movable in opposite directions, means providing a seat for said valve member, a movable slide, a spring connected to said slide adapted to be actuated by movement of said actuator in both directions to store potential energy therein tending to move said slide, and means for holding said slide against movement until said actuator reaches a predetermined point in its movement in one direction and until said actuator reaches a predetermined position during its movement in the opposite direction, and means for releasing said holding means when said actuator reaches a predetermined point in its movement in one of said directions and when said actuator reaches a predetermined point in the opposite direction.

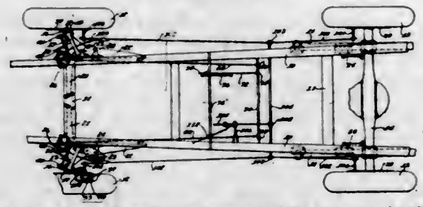
2,127,294

MOTOR VEHICLE BRAKING MECHANISM

Walter R. Griswold, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application July 26, 1934, Serial No. 737,026

27 Claims. (Cl. 188—2)



1. In a road vehicle, suspension means including fluid shock absorbers having flow control valves, brake actuating mechanism, and means connecting the brake mechanism with the control valves, said connecting means regulating the valves to restrict fluid flow in the shock absorbers upon brake applying operation of the mechanism.

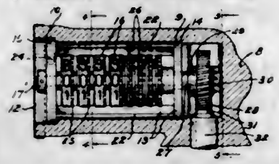
2,127,295

REGISTERING DEVICE

Mark M. Hennessy, Milwaukee, Wis., assignor to Durant Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin

Application October 25, 1937, Serial No. 170,775

5 Claims. (Cl. 235—117)



1. In combination, a unitary casing having a bore open at one end and having therein at the opposite end of said bore a driving gear rotatable about an axis extending transversely of the bore axis, said casing having a transverse sight opening on one side between said bore ends, a unitary cage insertable within said bore through said open end and having opposite end heads snugly fitting the opposite ends of said bore and integral bars connecting said end heads on opposite sides of the bore axis and out of alinement with said sight opening, alined counter wheels journalled in said cage end heads between said bars for rotation about an axis parallel to the bore axis and disposed on the same side of bore axis as said sight opening, motion transfer gearing for said counter wheels journalled in said cage for rotation between said bars about an axis disposed parallel to said counter wheel axis and on the opposite side of said bore axis, and a driven gear carried by said cage and being cooperable with said driving gear to impart rotation to said counter wheels and said transfer gearing when said cage is inserted within said bore.

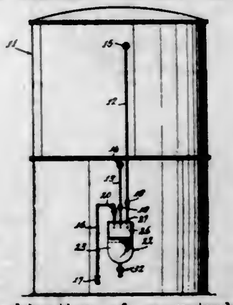
2,127,296

SAMPLE BOX

Lawrence A. Holmes, Whittier, Calif.

Application November 9, 1937, Serial No. 173,579

5 Claims. (Cl. 220—85)



1. The combination of: a petroleum storage tank; a sample pipe having its intake end communicating with the interior of said tank; a sample box mounted on the side of said tank and enclosing the discharge end of said pipe; a valve in said pipe; conduit means connecting the lower portion of said sample box with the interior of said tank; a valve in said conduit means.

2,127,297

PROCESS OF TANNING HIDES AND PELTS WITH THE AID OF IRON COMPOUNDS

Eugen Immendoerfer and Hermann Loewe, Ludwigshafen-on-the-Rhine, and Herbert Muench, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application June 18, 1936, Serial No. 85,846. In Germany June 26, 1935

14 Claims. (Cl. 149—5)

1. The process of tanning hides and pelts, which comprises treating them with a tanning agent comprising an iron compound and a polycarboxylic substance containing at least one double linkage between the carbon atoms in the molecule.

2,127,298

COMPOSITION OF MATTER

Mone R. Isaacs, Philadelphia, Pa.

No Drawing. Application August 17, 1936, Serial No. 96,536

9 Claims. (Cl. 134—50)

2. A composition of matter containing a water soluble colloidal substance selected from a group consisting of proteins, starches and their derivatives, a resin, a solvent for the resin, an alkali, and aluminum stearate.

2,127,299

TREATING LUMPED IRON

Friedrich Johannsen and Werner Völkel, Magdeburg, Germany, assignors to Fried. Krupp Grusonwerk, Aktien-Gesellschaft, Magdeburg/Buckau, Germany

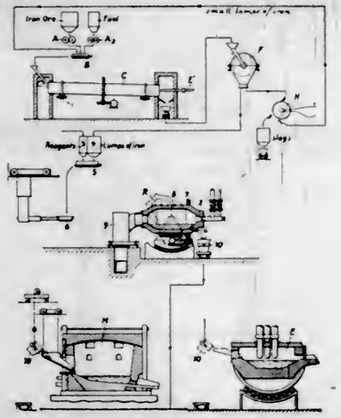
Application October 14, 1937, Serial No. 169,034

In Germany October 20, 1936

1 Claim. (Cl. 75—39)

Method of removing sulphur, arsenic, phosphorus and other undesirable constituents from

iron and iron alloys available in the form of small lumps, which comprises mixing the material with finely subdivided lime and manganese in such proportions, that on melting the mixture



slags rich in manganese are produced, reclaiming from said slags ferro-manganese and reusing the latter in a closed cycle of purifying and reclaiming operations.

2,127,300

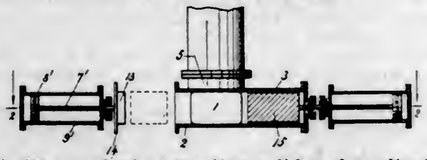
METHOD FOR MAKING DRY ICE BLOCKS

Josef Kobold, Esslingen-on-the-Neckar, Germany, assignor to Maschinenfabrik Esslingen, Esslingen-on-the-Neckar, Germany

Application March 12, 1935, Serial No. 10,610

In Germany March 23, 1934

4 Claims. (Cl. 62—121)



4. The method of treating solid carbon dioxide which consists in forming a mass of snow of a predetermined outline, and in subjecting the mass to a plurality of forces acting with such intensity and in such directions with respect to each other as to deform said mass and form a block of dry ice of homogeneous structure throughout.

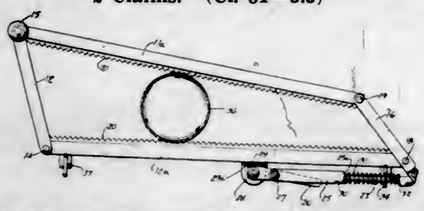
2,127,301

JAR HOLDER

Andrew John Kriska, Cleveland, Ohio

Application April 21, 1937, Serial No. 138,091

2 Claims. (Cl. 81—3.3)



1. A jar holder comprising a pair of opposed gripping members disposed at an angle to each other, one member being fixed and the other shiftable lengthwise to effect a clamping action, swinging links of fixed length pivoted to opposite ends of the respective members, a spring connected at one end to one of the links, and tending to shift the link and the shiftable member in one direction, and a toggle pivoted to the fixed member and connected to the other end of the spring.

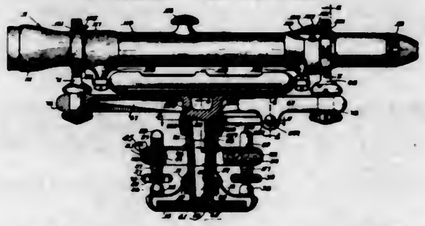
2,127,302

LEVEL

Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware

Application November 2, 1934, Serial No. 751,240

2 Claims. (Cl. 248—181)



1. In a leveling device having relatively tiltable support and leveling frames wherein the leveling frame has a split portion formed with a threaded opening, a leveling screw rotatable on the support frame and having a threaded portion extending through said opening and having a projecting end extending on the side of said leveling frame opposite from the support frame, and means to tighten the split threaded portion of the leveling frame on the threaded portion of the screw, said screw having a manually operable disc thereon in position between said frames, the combination with said frames of a longitudinally expansible sleeve comprising metallic cover means enclosing said screw between the disc and said tilting frame, said cover means having sealing engagement at its opposed ends, respectively, with the tilting frame and with said disc, and means on said split frame enclosing the projecting end of said screw.

2,127,303

MANUFACTURE OF RAILWAY AND TRAMWAY RAILS

Irwin Cameron Mackie, Sydney, Nova Scotia, Canada, assignor to Beth-Mary Steel Corporation, a corporation of Maryland

No Drawing. Application July 8, 1931, Serial No. 549,580

1 Claim. (Cl. 148—21.5)

A process for cooling rails, comprising the steps of cooling the rails on the hot bed in the normal way from a temperature above the critical range to a temperature substantially below the critical range but not lower than 600° F., removing the rails from the hot bed, charging the rails in a multiplicity of superimposed tiers in a heat retaining enclosure, and allowing the rails to cool slowly in the enclosure.

2,127,304

TANNING

Gustav Mauthe and Hermann Noerr, Leverkusen-I. G. Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application November 7, 1936, Serial No. 109,679. In Germany November 9, 1935

6 Claims. (Cl. 149—5)

1. In the process of tanning with watersoluble zirconium compounds the modification which

comprises applying to the hide or skin material in any stage of the tannage an aqueous solution of a watersoluble silicic acid compound of the group consisting of water soluble colloidal silicic acid and the water soluble silicates.

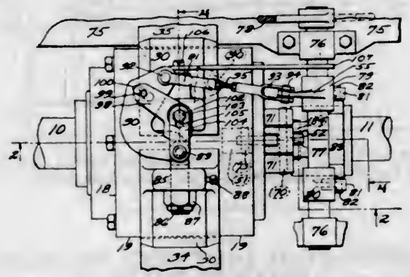
2,127,305

BRAKE FOR USE WITH POWER TRANSMITTING MECHANISM

Arthur T. Nabstedt, Hamden, Conn., assignor to The Snow & Petrelli Mfg. Co., New Haven, Conn., a corporation of Connecticut

Application October 5, 1935, Serial No. 43,660

20 Claims. (Cl. 188—77)



1. In brake operating mechanism, in combination with a movable brake member, a pivot carried by said member, a second pivot in relation to which said member is arranged to be movable, a relatively short thrust arm mounted to swing about the member carried pivot, a relatively long draw arm mounted to swing about said second pivot and coupled to said thrust arm at a less radial distance from said second pivot than is the distance of separation of said two pivots plus the effective length of the thrust arm when the brake is released.

2,127,306

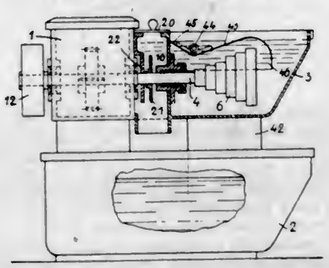
WIRE DRAWING MACHINE

Walther Nacken, Gruna, Germany

Application December 9, 1935, Serial No. 53,646

In Germany February 22, 1935

8 Claims. (Cl. 205—14)



1. A wire drawing machine comprising horizontal drawing shafts, a container for a drawing liquid, a gear casing, a gear mechanism for said drawing-shafts mounted in said casing, said casing and said container having an interstice between them and separated from them by walls, bearings for said drawing-shafts traversing a lateral wall of said container beneath the plane of the surface of the drawing liquid, and a supply container to receive any drawing liquid which may leak through the bearings of the drawing shafts, the traversing place of each drawing-shaft through said wall being separated from said casing by said interstice connected with the supply container arranged lower than said first-mentioned container.

2,127,307

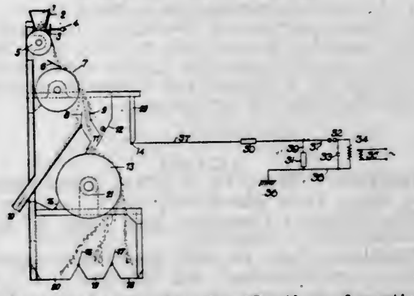
APPARATUS FOR ELECTROSTATIC SEPARATION

Erich Oppen, Hanover, and Georg Grave, Frankfort-on-the-Main-Heddernheim, Germany, assignors to American Lurgi Corporation, New York, N. Y., a corporation of New York

Application March 1, 1935, Serial No. 8,965

In Germany January 16, 1935

5 Claims. (Cl. 209—12)



1. Apparatus for the classification of particles comprising an electrostatic separator and mechanical means for delivering to said electrostatic separator from a supply of a mixture of particles having different projection paths only such particles as have substantially the same projection path comprising a revolving uncharged roll, means for delivering the mixture of particles onto said roll, means for dividing the particles falling from said roll into a plurality of groups corresponding to their projection paths, and means for delivering one of said groups to an electrostatic separator of the rotary drum type.

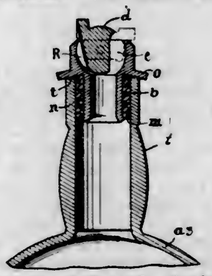
2,127,308

CONTAINER FOR FLOWABLE MATERIAL

James Rest, Streatham, London, England, assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I., a corporation of Rhode Island

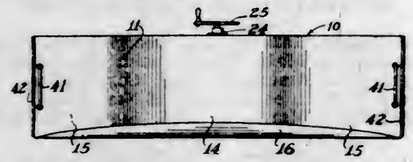
Original application June 29, 1933, Serial No. 678,133. Divided and this application April 5, 1937, Serial No. 135,275. In Great Britain July 5, 1932

6 Claims. (Cl. 215—76)



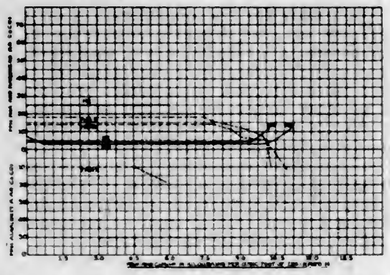
5. An at least partially spherical closure valve member having axis of oscillation forming means diametrically thereof, a turning lug at the upper end thereof, discharge vent means substantially at right angles to the diametric axis of said axis of oscillation forming means and spaced from said turning lug, and supplemental separate air inlet vent means extending therethrough.

2,127,309
HOSPITAL STRETCHER
Joseph S. Rickard, Bellflower, Calif., assignor of one-half to Guy O. Squire, Los Angeles, Calif.
Application April 3, 1937, Serial No. 134,869
2 Claims. (Cl. 5—86)



1. A hospital stretcher comprising a frame having a table top mounted thereabove, the table top being concaved transversely midway of its ends, its outer longitudinal edge having a downwardly extending lip or flange, and means to manually adjust the table top vertically.

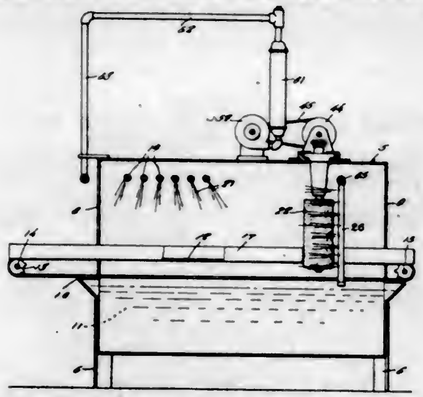
2,127,310
HYDROGEN ZEOLITE WATER TREATMENT
Ray Riley, Long Island City, N. Y., assignor to The Permutit Company, New York, N. Y., a corporation of Delaware
Application May 24, 1937, Serial No. 144,487
13 Claims. (Cl. 210—24)



1. In the production of softened water from hard water by the aid of hydrogen zeolites capable of removing the bases of permanent hardness and with acid regeneration, the method of controlling the acidity of the softened water which comprises passing in alternation through a pervious bed of said hydrogen ion zeolites a flow of hard water to be incompletely softened and a regenerating flow of water containing merely enough acid to convert a substantial part but not all of the zeolite into hydrogen zeolite.

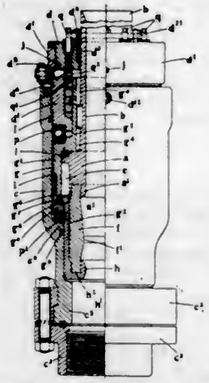
2,127,311
WASHING MACHINE
Fred Schroeder, Milwaukee, Wis.
Application October 19, 1935, Serial No. 45,815
2 Claims. (Cl. 15—56)

1. In a device of the character described, a horizontal conveyor arranged to convey a box to be washed from one point to another, a casing surrounding a portion of said conveyor and containing preliminary spray means to which the box is first subjected in its travel and secondary washing means to which the box is next subjected in its travel, said secondary washing means comprising vertical rotary brushes adjacent the conveyor and spaced transversely thereof for the boxes to move therebetween, and rinsing sprays following said brushes, and means adjustably mounting said brushes on the casing for movement transversely of the conveyor and enabling adjusting said brushes toward and away from each other to accommodate boxes of different widths, said means comprising transverse slide-



ways on the top of the casing, and slides carrying said brushes and slidable in said slideways.

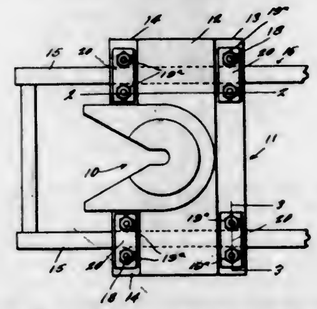
2,127,312
CASING HEAD EQUIPMENT FOR BORE HOLES OR WELLS
Lewis Mervyn Cecil Seamark, Radfords, Dawlish, England
Application October 26, 1934, Serial No. 750,218
In Great Britain June 15, 1934
6 Claims. (Cl. 255—1)



1. A casing head equipment for oil wells adapted for packing connected sections of the drill stem or other connected elements on their passing into or out of the well, consisting of a casing, a massive elastic packing sleeve through which said elements may pass, said sleeve being axially compressible and externally confined within a cavity in said casing, an annular piston and cylinder device within said casing, the cylinder being disposed in position above said cavity, said annular piston having a central bore adapted for the passage therethrough of said elements and a downwardly extending part of smaller diameter than the upper part of said annular piston, and adapted to slide within the upper part of said cavity, said annular piston engaging the upper end of said sleeve while the other end of said sleeve is held stationary, means for the admission of a fluid pressure medium within said cylinder for the downward movement of said annular piston and the axial compression and constriction of said sleeve for packing any of said elements

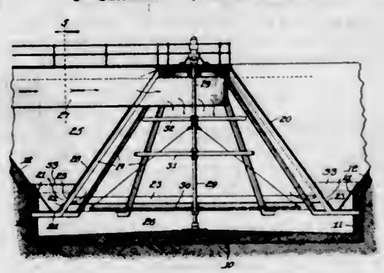
for the time being within said sleeve, the constricted sleeve adapted to assume normal shape on the piston ceasing to be subject to the pressure of the fluid pressure medium.

2,127,313
FIFTH WHEEL MOUNTING FOR VEHICLES
William C. Sowle, Jeffersonville, Ind.
Application July 14, 1937, Serial No. 153,664
5 Claims. (Cl. 280—33.1)



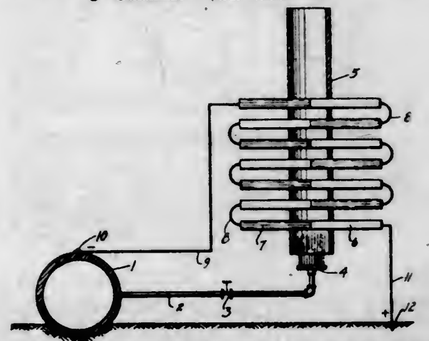
1. In a structure of the class described, a channel-iron, a plate resting on the top flange thereof, a U-bolt having its threaded limbs joined to said plate, a saddling block interposed between the bight portion of the U-bolt and the lower flange of the channel-iron, stabilizing means interposed between the flanges of said channel-iron, said stabilizing means comprising an adjustable wedge assembly having clamping connection with one of the limbs of the U-bolt.

2,127,314
APPARATUS FOR CONDITIONING PRECIPITATES AND SEPARATING SAME FROM LIQUIDS
Charles H. Spaulding, Springfield, Ill.
Application April 10, 1936, Serial No. 73,795
9 Claims. (Cl. 210—16)



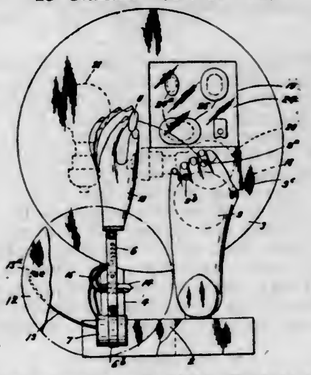
1. A device of the character described for the purification of water supplies including the removal of soluble impurities therein of inverted frusto-conical form divided by a partition in the form of the surface of a cone into an inner generally conical coagulating compartment and an outer annular upwardly flaring precipitating compartment, the two compartments communicating by openings at their lower ends to provide free passage for the rise of water and for the substantially vertical descent of precipitate countercurrent to the water, means to supply raw water to the coagulating compartment admixed with but not wholly reacted upon by a reagent, means to agitate the water in the coagulating compartment and means to draw off clear water from the upper part of the precipitating compartment.

2,127,315
APPARATUS FOR PROTECTING PIPE LINES FROM ELECTROLYSIS
Starr Thayer, Houston, Tex.
Application July 3, 1937, Serial No. 151,823
3 Claims. (Cl. 204—1)



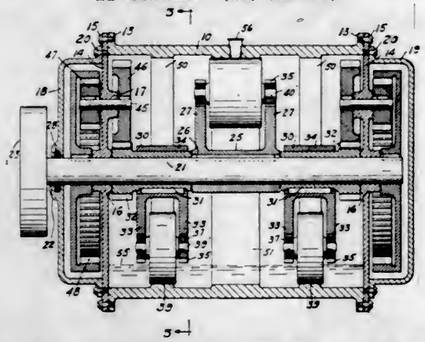
1. Apparatus for protecting buried pipe line against soil corrosion and electrolysis comprising in combination with the pipe line, a thermopile, a flue surrounding the portions of said thermopile adapted to be heated, means for supplying heat to the lower end of said flue below said thermopile, said thermopile being located adjacent the pipe line and means for electrically connecting the negative end of said thermopile to said pipe line and the positive end thereof to the ground.

2,127,316
ELECTROMECHANICAL DISPLAY APPARATUS
George Thornton-Norris, London, England, assignor to The Scholl Manufacturing Company Limited, London, England
Application April 21, 1937, Serial No. 138,276
In Great Britain June 30, 1936
13 Claims. (Cl. 40—51)



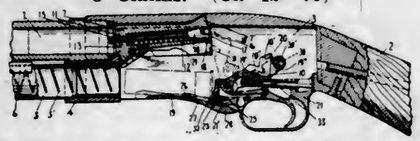
1. In an electromechanical display apparatus of the kind herein referred to, a framework, a stationary armature mounted on said framework, a pendulum pivoted to said framework and including a solenoid positioned for cooperation with said stationary armature and means for intermittently energizing said solenoid, the latter having a metal liner adapted to modify the magnetic pull exerted on the stationary armature.

2,127,317
VIBRATORY MOTION PRODUCING APPARATUS
William T. Welch, Westfield, N. Y., assignor to Ajax Flexible Coupling Company, a corporation of New York
Application July 7, 1937, Serial No. 152,344
11 Claims. (Cl. 74—61)



1. In a vibratory motion producing apparatus, a housing adapted to be connected to a device to be vibrated by bodily induced vibrations of the housing, a plurality of roller weights within the housing adapted to rollingly engage the housing inner walls, driving means to cause each of said weights to revolve in an orbit on said walls, said driving means including elements rotatable in opposite directions and engaging the weights whereby some of said weights are revolved in a direction reverse to other of said weights, and the weights being arranged to balance each other.

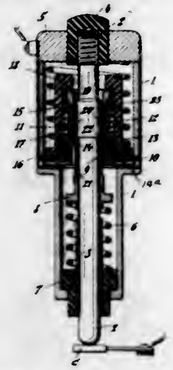
2,127,318
GUN
Charles A. Young, Springfield, Ohio
Application November 27, 1936, Serial No. 112,862
3 Claims. (Cl. 42—70)



1. In a gun, a barrel, a breech bolt, means for retracting said bolt after firing of the gun and restoring it to firing position, a movable firing pin in said bolt, a spring acting to hold said pin in retracted position, a spring-pressed hammer to strike the rear end of said pin and move it forwardly when the gun is in firing position, a notch in the rear end of said breech bolt to receive a portion of said hammer when the gun is fired, said firing pin spring acting to remove the hammer from said notch after the firing of the gun, and means for thereafter preventing any portion of said hammer from moving said pin to firing position when said bolt is retracted until said bolt has been fully restored to firing position.

2,127,319
RECLOSABLE AUTOMATIC OVERLOAD CUT-OUT
Eustach Zahradnik, Vienna, Austria
Application February 4, 1937, Serial No. 123,995
In Austria February 5, 1936
8 Claims. (Cl. 200—124)

1. A re-closable automatic overload switch comprising in combination a housing, an axially movable rigid contact member and a spring connected with said member tending to move it into contact opening position, a fixed guide body mounted in said housing and a rigid locking member movably disposed thereon and means connected with said contact member and said locking member and detachable from the latter for moving the locking member relatively to said fixed guide body when the contact member moves into contact opening position, and a body fusible at overload and disposed between said guide body and said locking member and adapted when set to hold the latter fixed on said guide body to prevent the contact member from moving into contact opening position.



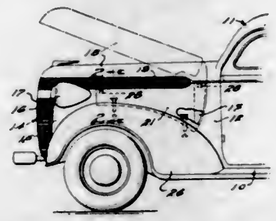
2,127,320
TREATMENT OF FABRICS
Cornelius A. Alt, Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 19, 1935, Serial No. 55,198
4 Claims. (Cl. 91—68)

4. Shade cloth having a fabric base containing zinc oxide and a cellulose nitrate composition coating, obtainable by impregnating an unfilled fabric base with a 5% slurry of colloidal zinc oxide, drying the fabric, and applying thereto a composition having the following formula:

	Parts by weight
Cellulose nitrate	15
Pigment	22.6
Plasticizer	11.3
Ethyl acetate	20.4
Ethyl alcohol	30.7

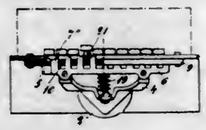
2,127,321
MOTOR VEHICLE
Guy D. Barnett, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application February 18, 1937, Serial No. 126,325
2 Claims. (Cl. 180—69)

1. In a vehicle including fenders arranged at either side thereof, a hood for an engine compartment thereof comprising an upper openable closure member, side walls cooperable with said closure member when the latter is in closed position to define said engine compartment, sections of said side walls being fixed with respect to the vehicle and other sections thereof intermediate said fixed sections and said closure member being readily removable, one of said fixed sections and one of said removable sections being disposed adjacent a respective fender, said last named fixed section projecting vertically beyond the adjacent portion of said fender and forming an abutment for said last named removable section, a support for said removable section, said latter section having flanged opposite edge portions, one of said flanged portions engaging said support



and the other of said flanged portions engaging said abutment and spacing said removable section laterally to overlie the adjacent portion of said fender, and means disposed interiorly of said compartment detachably engageable with said removable section for urging the latter downwardly against said support and inwardly against said abutment.

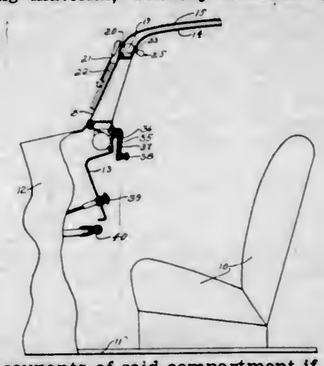
2,127,322
SELECTOR
Knut Hugo Blomberg, Appelviken, Sweden, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden
Application July 5, 1935, Serial No. 29,957
In Sweden July 6, 1934
12 Claims. (Cl. 200—1)



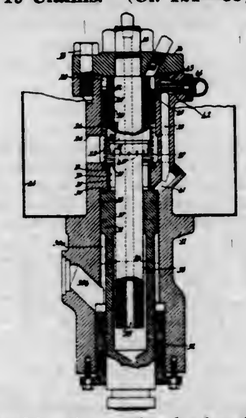
1. A selecting mechanism comprising a plurality of contact groups arranged side by side, a driving member having a reciprocating movement, a separate movable contact actuating member of relatively small mass for allowing quick operation of said driving member, a stationary guide arranged along the row formed by said contact groups, said stationary guide provided with resting positions cooperating with said contact actuating member so as to advance the latter one stepwise from one contact group to a following one if said driving member is reciprocated, said contact actuating member being forced by said guide at each step into a position for actuating a selected one of said contact groups.

2,127,323
VEHICLE BODY ELEMENT
Carl Breer, Grosse Pointe Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application March 6, 1936, Serial No. 67,423
1 Claim. (Cl. 180—77)

In a driver's compartment in an automobile, a supporting panel, a control element mounted on said supporting panel and comprising a control knob projecting from the surface of said supporting panel, said control knob comprising a relatively thick outer wall composed of soft cushioning material, whereby to afford protection to occupants of said compartment if thrown against said control knob.



2,127,324
PREFILL VALVE FOR HYDRAULIC PRESSES
Earl Cannon, Rockville Centre, N. Y., assignor to E. W. Bliss Company, Brooklyn, N. Y., a corporation of Delaware
Application October 10, 1936, Serial No. 105,005
19 Claims. (Cl. 121—38)

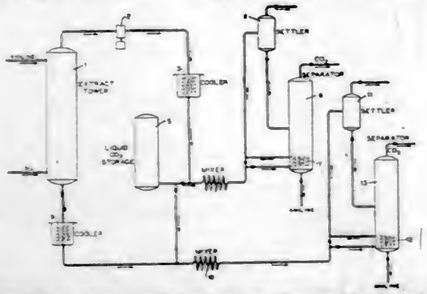


1. The combination with a hydraulic press having a ram chamber, a ram adapted to reciprocate within said chamber, and a fixed rod extending within a bore in the ram, of a prefill valve comprising a casing within which the said fixed rod extends, a surge chamber in said casing communicating with the ram chamber, an opening in said casing arranged to permit the flow of fluid into said surge chamber, a valve element slidably mounted upon said fixed rod within said casing, and means for reciprocating said valve element within said surge chamber to control the flow of fluid between the latter and the ram chamber, the fixed rod being fixedly connected to said casing.

2,127,325
SOLVENT REFINING OF HYDROCARBON OIL
Louis A. Clarke, Fishkill, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application October 2, 1936, Serial No. 103,660
2 Claims. (Cl. 196—13)

1. In the refining of hydrocarbon oil by solvent extraction with an amine type of extraction sol-

vent at a temperature above about 50° F., the method of recovering the amine from the oil comprising mixing the oil containing the amine with anhydrous carbon dioxide under a pressure substantially elevated above atmospheric such that the amine and carbon dioxide combine forming an addition compound which is substantially immiscible with the oil and which decomposes upon reduction of pressure to atmospheric without application of heat, passing the mixture to



a settling zone maintained under said elevated pressure, withdrawing therefrom the addition compound, introducing the withdrawn compound to a zone of reduced pressure to decompose into carbon dioxide and the original amine, and refrigeratively vaporizing the carbon dioxide therefrom while in indirect thermal contact with the mixture being charged to said settling zone, thereby cooling the mixture to a temperature of 50° F. and below.

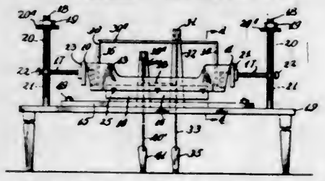
2,127,326

SHIRT COLLAR BAND EDGE TRIMMER AND NOTCHING MACHINE

Theodore Cohen, New York, N. Y.

Application June 29, 1936, Serial No. 87,884

6 Claims. (Cl. 164—19)



6. A shirt collar band edge trimmer and notching machine, comprising a pair of spaced members slidably supported, resilient means for holding said members raised, a pair of notching elements pivotally supported between said members, means for pivoting said elements together into operative position, means for moving said pivoted elements downwards, a die section beneath said elements, a complementary die section between said elements, and means for moving said complementary die section downwards, comprising a rod connected with the die section and continuing into a rod section pivotally supported, a cable connected with said rod section and extended over guiding pulleys, and a foot pedal connected with said pedal.

2,127,327

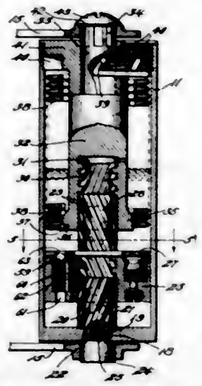
AUTOMATIC DOOR CHECK CONSTRUCTION

Floyd O. De Millar, Providence, R. I., assignor to Dutee W. Flint, Providence, R. I.

Application July 23, 1936, Serial No. 92,159

17 Claims. (Cl. 16—54)

1. In a device of the character described, a housing containing a fluid, a movable element dividing said housing into two chambers, means for transferring fluid from one chamber to the other on movement of the element in one direction, means for transferring fluid from the sec-



ond chamber to the first chamber at a predetermined rate upon movement of the element in the opposite direction, and means for checking acceleration of flow above the predetermined rate.

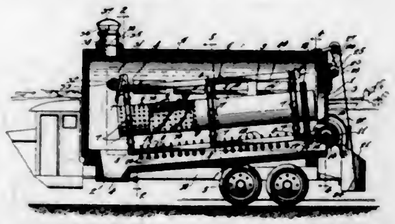
2,127,328

TRAVELING INCINERATOR

Frank J. Egan, Glen Ridge, N. J.

Application March 23, 1937, Serial No. 132,467

3 Claims. (Cl. 110—14)



3. An incinerator comprising a housing, a perforated tubular grate drum to receive and support material to be burned, a frame revolubly supporting said drum in said housing, a horizontal shaft in said housing transverse to the axis of the drum and below the drum, means mounting said frame to swing at one end about said horizontal shaft to adjustably support said drum with its axis at different angles of inclination, means for adjusting and holding said frame at different angles of inclination, means for rotating said shaft, a driving connection between said shaft and said drum to revolve the latter, and means for projecting flames against and through the perforations in said grate drum to burn the combustible material in said grate drum.

2,127,329

APPARATUS FOR RIPPING RAW TOBACCO LEAVES

Oswald Erich Eissmann, Dresden, Germany, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany

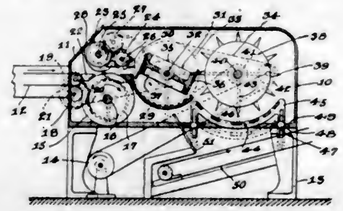
Application June 1, 1935, Serial No. 24,456

In Germany June 4, 1934

7 Claims. (Cl. 131—57)

1. In an apparatus for ripping raw tobacco

leaves, forwarding compressing means for conveying the leaves, an abutment disposed in relation to said means to form with said means a pressure channel, means for feeding tobacco leaves into said channel and between said forwarding compressing means, and loosening means at the outlet end of the channel acting



upon the leaves resting on the abutment forming the channel for loosening the leaf portions from the ribs of the tobacco leaves, said means including comb prongs acting upon the compressed tobacco leaves perpendicularly to the plane of said leaves while under compression in said pressure channel for loosening the leaf portions from the ribs of the tobacco leaves.

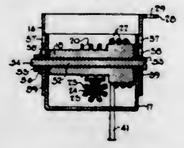
2,127,330

DEVICE FOR OPERATING VENETIAN BLINDS

George Findell, Flushing, N. Y.

Application October 22, 1936, Serial No. 106,941

5 Claims. (Cl. 156—17)



4. A device of the class described, comprising two casings vertically telescopically arranged, flanges formed upon the outer casing and being made with screw-holes therein, whereby to secure the outer casing to a top-rail, an axle turnably arranged in the inner casing and a drum mounted upon said axle, a second axle, turnable, and disposed in said inner casing and below the first axle, and a gear arranged upon said second axle, the axle of the gear being perpendicular to the axle of the drum, a worm axially fixed to the drum and adapted to mesh with said gear, knobs formed upon the axle of the gear and outside both casings, and adapted to have tilts attached thereto, a rope wound upon said drum, the inner casing being formed with an opening at the bottom thereof adapted to accommodate said rope in operating the device, and means for adjustably securing said casings in relative position to one another.

2,127,331

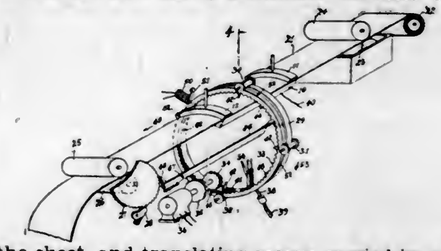
APPARATUS FOR USE IN FACSIMILE TRANSMITTING SYSTEMS

Otho Fulton, New York, N. Y.

Application January 9, 1936, Serial No. 58,281

4 Claims. (Cl. 178—11)

1. In facsimile scanning apparatus, an arcuate platen, a sheet thereon, spring pressed clamps for holding said sheet upon the convex surface of said platen at a plurality of points thereon, means common to all said clamps to raise same to release said sheet, a member movable over



the sheet, and translating means carried by said member and adapted to contact said sheet.

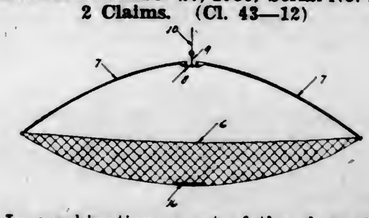
2,127,332

MINNOW NET

Charles Haggstrom, Rockford, Ill.

Application November 27, 1936, Serial No. 112,892

2 Claims. (Cl. 43—12)



1. In combination, a net of the character described, resilient arms each attached at its outer end to the net, and means pivotally connecting the arms together at their inner ends so that they may be swung to and from open and folded positions without detaching the net, the net serving to hold the arms flexed downwardly under tension when in the open position, the arms being adapted to be swung in the reverse direction upon moving the pivoted ends past a common plane intersecting the ends of the arms with the net attached thereto whereby the arms will be folded inside of the net.

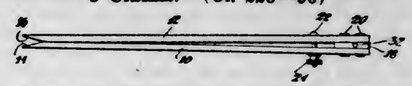
2,127,333

GARMENT HANGER

Albert H. Hall, West Peru, Maine

Application September 22, 1937, Serial No. 165,003

5 Claims. (Cl. 223—96)



1. A trouser hanger which comprises a block having converging sides, elongated resilient elements attached at one end to the said block and converging toward each other to define a tapering space for receiving portions of the legs of trousers, and means engageable with the elongated elements for drawing them together to grip and retain the trousers therebetween.

2,127,334

ELECTRONICALLY COUPLED REGENERATIVE AMPLIFIERS

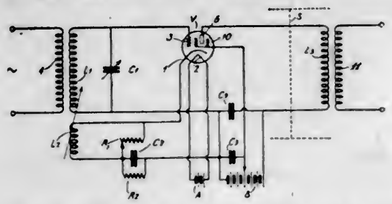
Jarrett Lewis Hathaway, New York, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application December 16, 1932, Serial No. 647,626

10 Claims. (Cl. 179—171)

7. An electron relay system comprising a thermionic tube having a control grid electrode, an

emission element, and an anode electrode, an input circuit connected between said control electrode and said emission element, means in said input circuit for producing regeneration in said circuit, an output circuit connected between said anode and said emission element, said output circuit being coupled mainly to said input circuit by



way of the electron stream in said tube, means for shielding said control electrode from said output electrode comprising an auxiliary electrode interposed between said electrodes and connected by way of a potential source to said emission element, and shielding means interposed between said output circuit and said input circuit.

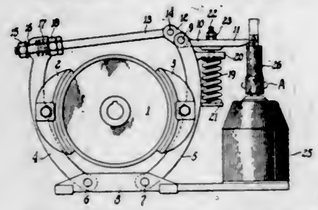
2,127,335

POWER TRANSMISSION MECHANISM FOR OPERATING BRAKES

Howard E. Hodgson, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware

Application October 2, 1936, Serial No. 103,707

5 Claims. (Cl. 188—171)



1. The combination with a motor and a device to be operated thereby, of power transmitting mechanism therebetween including a pair of members having mating spiral grooves therein, one of said members being associated with said motor to be driven thereby and the other being non-rotatable and being operatively connected to said device, a plurality of balls located within said grooves for effecting axial movement of said latter member upon rotation of said former member and a slip clutch driving connection between said motor and said former member.

2,127,336

CHANGE-OVER OR SWITCH DEVICE FOR RADIO FREQUENCY FEED LEADS

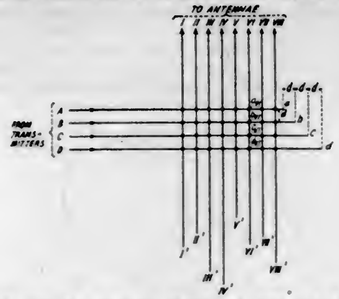
Leopold Leng, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application April 22, 1935, Serial No. 17,650

In Germany May 3, 1934

9 Claims. (Cl. 250—33)

1. In combination, an antenna, a first transmitter and a second transmitter, an energy supply lead in circuit with said antenna, individual connections extending from said lead up to said transmitters, and switching means for selectively connecting each transmitter to its associated connection, and a dummy line connected to said energy supply lead for compensating for the effect of one of said connections when said one connec-



tion is not in circuit with its associated transmitter.

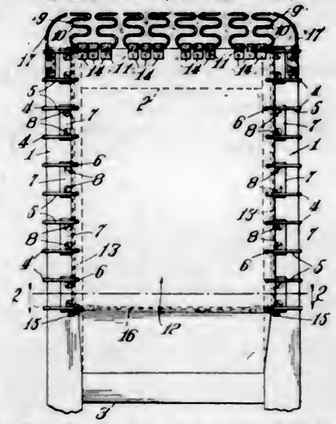
2,127,337

CHAIR BACK CONSTRUCTION

Rudolph W. Lotz, Chicago, Ill., assignor to Nachman-Springfilled Corporation, Chicago, Ill., a corporation of Illinois

Application September 16, 1936, Serial No. 101,101

2 Claims. (Cl. 155—179)



2. A chair back structure comprising a pair of side rails and a cross rail extending over the upper ends of side rails and constituting a substantially conventional chair back structure, a flexible web disposed substantially parallel with and spaced forwardly from said several rails, a hem along each of the side edges of said web, a resilient wire member disposed in each of said hems, two sets of opposed bowed springs, each spring secured at one end to one of said side rails with its middle portion spaced outwardly from the side edges of said web and having its outer extremity passed through a hem of said web immediately inwardly of said resilient wire and engaged with the latter for maintaining the latter taut and in its said position relatively to said several rails, a resilient cross-wire member spanning the space between and secured at its ends to the lower-most springs of said respective sets thereof and engaged with said web, and a series of bowed springs secured at one end each to the said cross rail and having their middle portions disposed above the upper edge of the latter and having downwardly projecting end portions secured to the upper edge of said web for cooperation with said cross wire to maintain said web taut, said last-named springs being more yielding than the first-named springs and cooperating

with the latter to permit said web to move bodily toward said rails under the influence of pressure against its front face.

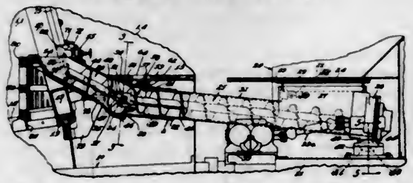
2,127,338

LOCOMOTIVE STOKER

Joseph B. MacKenzie, Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y., a corporation of Delaware

Original application January 23, 1935, Serial No. 3,058. Divided and this application January 28, 1937, Serial No. 122,723

5 Claims. (Cl. 198—15)



1. In combination with a locomotive having a firebox and a tender provided with an apertured floor with a fuel bunker thereabove, a conveying system for transferring fuel from the bunker to said firebox comprising a conduit rigidly mounted on the locomotive, a conduit leading forwardly from the tender and at its forward end being universally connected to the rearward end of the first named conduit, said second named conduit including an open mouth trough disposed on the tender beneath the apertured floor to receive fuel directly from said bunker, said second named conduit at the under side of its rearward end being provided with a member having a spherical surface, means carried by said tender having a complementary spherical surface which is arranged with the spherical surface of said member to form a support for the second named conduit whereby the latter is mounted to pivot about a vertical axis and also about a transversely extending horizontal axis, the depth of engagement of said complementary spherical surfaces being no greater than the radius of curvature of said spherical surfaces, such mounting of the conduit restraining fore and aft longitudinal movement thereof and also movement about a longitudinally extending horizontal axis.

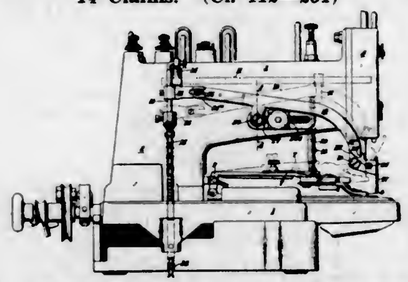
2,127,339

GUARD FOR SEWING MACHINES

Michael McCann, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application March 4, 1936, Serial No. 67,042

14 Claims. (Cl. 112—261)



1. In a sewing machine having a button-clamp, stitch-forming mechanism including a reciprocatory needle, and means to move said button-clamp relative to said stitch-forming mechanism; of a vertically disposed guard member normally located adjacent said needle, means actuated simultaneously with the movement of said button-clamp to lift said guard vertically, and means including a member movable with said guard and adapted to engage a fixed portion of the machine to tip the bottom portion of said guard inwardly toward said needle.

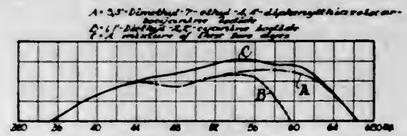
2,127,340

PHOTOGRAPHIC EMULSION CONTAINING SUPERSENSITIZED THIAZOLOCARBOCYANINES

Charles E. K. Mees, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 29, 1937, Serial No. 133,582

13 Claims. (Cl. 95—7)



1. A photographic silver halide emulsion containing a supersensitizing combination of at least one sensitizing thiazolocarbocyanine dye with at least one sensitizing pseudocyanine dye.

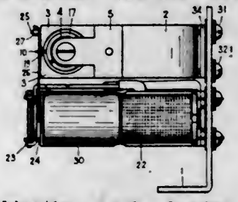
2,127,341

RELAY

Merton R. Miller, Evanston, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application November 26, 1934, Serial No. 754,696

4 Claims. (Cl. 175—337)



2. In combination, a relay having an armature normally separated from the relay core by an air gap, a magnetic device positioned directly above said relay, a member having one end pivoted on a part of said device so that it hangs freely suspended in the plane of said air gap, the pivot point being so located that in one of the positions which the said member assumes in swinging on its pivot its lower end is interposed between the armature and core of said relay, and means for swinging said member on its pivot responsive to energization of said device.

2,127,342

POCKET TYPE DISPLAY DEVICE

Leroy P. Neher, St. Louis, Mo.

Application December 21, 1936, Serial No. 116,855

7 Claims. (Cl. 40—4)

1. In combination, a bottle having a tapered neck, a removable display device used with said bottle including an elongated piece of flexible material, said piece including a middle portion and end portions outwardly from said middle portion, the lower edges of said end portions extending upwardly and outwardly in arcs of a

circle, from said middle portion, a projection on said middle portion extending from the lower edge thereof, said projection being adapted to be folded over said middle portion, means joining the ends of said piece together to form it into conical shape adapted to fit onto said tapered neck, with the lower edges of the end portions



substantially in a plane of diameter approximately equal to that of the shoulder of the bottle, and said projection lying between the middle portion and the bottle to form with the piece a supporting pocket, said projection being maintained in folded relation by the neck of the bottle, and being removable from such relation upon removal of the device from the bottle.

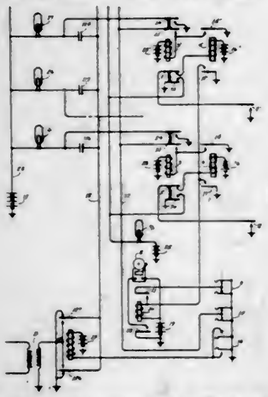
2,127,343

ANNUNCIATOR SYSTEM

Albert Parlett, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a corporation of Illinois

Original application October 3, 1929, Serial No. 397,030. Divided and this application May 4, 1936, Serial No. 77,673

3 Claims. (Cl. 177—311)



1. A signaling system including signaling devices, a source of direct current, means for selectively connecting said direct current to said signaling devices to operate the same, a plurality of condensers, each in series with one of said signaling devices, a source of alternating current, and means including a single switch and lead for connecting said source of alternating current to said signaling devices through said condensers to determine whether or not said signaling devices are operative.

2,127,344

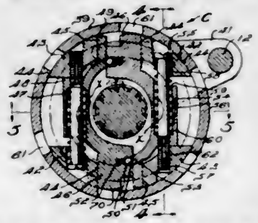
CLUTCH

Walter F. Ploetz, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware

Application January 18, 1934, Serial No. 707,052

26 Claims. (Cl. 192—105)

1. In a centrifugally operated clutch, a rotatable shell formed with a plurality of pawl receiving slots, a rotatable cage provided with a plurality of pawls substantially diametrically arranged, said pawls being actuated in response to centrifugal force and having portions adapted to engage said slots, each of said pawls having a guide portion positioned substantially diametri-



cally opposite its engaging portion and a spring abutment portion intermediate said engaging portion and guide portion thereof, members carried by said cage and respectively associated with said pawl abutment portions, and a spring acting between each of said members and abutment portions.

2,127,345

AUTOMATIC CHOKE

Andre J. E. Roualet, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware

Application October 1, 1930, Serial No. 485,797

3 Claims. (Cl. 123—179)



1. In an internal combustion engine including a carburetor, a valve for controlling the admission of air to said carburetor, means for automatically closing said valve during conditioning of said engine for starting, means responsive to the temperature of said engine for controlling the opening of said valve, and mechanism operable by said temperature responsive means for rendering the automatic valve closing means inoperative at a predetermined temperature of said engine.

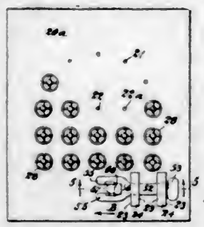
2,127,346

SEPARATOR FOR SNAP FASTENERS

Joseph H. Sanderson, Babylon, N. Y.

Application April 16, 1936, Serial No. 74,773

3 Claims. (Cl. 81—3)



3. In a separator for snap fasteners the combination of an arm, a pair of separator jaws with a rear body portion integral with said arm, a pair of inclined separator projections integral with and extending from the inner edges of said jaws, a separator plate extending from the rear body portion of said jaws and inclining upwardly toward them and a pusher plate extending up from said rear body portion of said jaws.

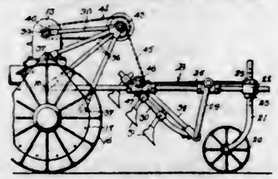
2,127,347

CULTIVATOR PLOW

Ralph Tinker, Fountain City, Wis.

Application September 11, 1937, Serial No. 163,379

5 Claims. (Cl. 97—50)



1. In combination, a power driven tractor and a cultivator frame pivotally connected thereto, caster wheels supporting the free ends of the cultivator frame, gang plows pivotally connected to the frame, a power driven shaft supported by the tractor, and chains connecting said shaft with the gang plows, a transverse shaft on the cultivator frame, shives on said shaft over which the chains are passed, and saddle blocks on the gang plows adapted when moved upwardly by the chain to engage the shives, and when continued upward movement of the chain is had cause an upward pivotal movement of the cultivator frame.

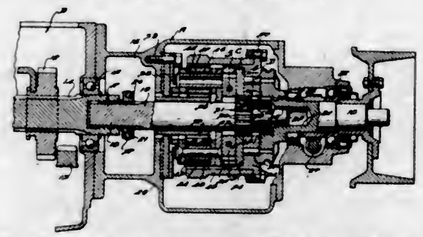
2,127,348

POWER DRIVING MECHANISM

John G. Tyken, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application June 27, 1936, Serial No. 87,646

3 Claims. (Cl. 74—260)



1. The combination with a driving shaft and a driven shaft, of a gearing for establishing a drive from the driving shaft to the driven shaft at a different speed than that of the driving shaft, a clutch arranged to automatically establish a two-way drive between said shafts through said gearing when said shafts reach a predetermined speed, said automatic clutch comprising clutching structures one having a slot for receiving the other when the latter is actuated by centrifugal force, a one-way clutch for establishing a one to one drive between said shafts, a two-way clutch for establishing a one to one drive between said shafts independently of said one-way clutch, and means within the control of the operator for selectively engaging said two-way clutch or engaging said one-way clutch and connecting said slotted clutching structure with the driving shaft.

2,127,349

HAIR CURLER

Gabriel Boulard, Paris, France

Application May 20, 1937, Serial No. 143,643

9 Claims. (Cl. 132—33)



1. A hair curler comprising a hollow portion of rigid heat resisting material for having hair wound thereon, a thermometer bulb in said hollow portion, and a sleeve for supporting said hollow portion and surrounding a portion of the stem of said thermometer.

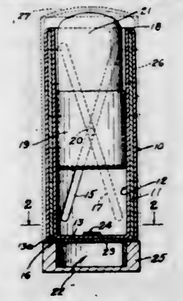
2,127,350

LIPSTICK CONTAINER

Albert L. Davis, Watertown, Conn., and Simon T. Morrison, New York, N. Y., assignors to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

Application May 3, 1937, Serial No. 140,418

8 Claims. (Cl. 206—56)



1. In a lipstick container, an inner cylindrical shell open at its upper end, a holder in said shell, a cylindrical shell about said inner shell and within which the latter is turnable, said shells having engaging shoulder portions whereby they are held against relative longitudinal movement in one direction comprising an inturned shoulder on the inner shell adjacent its lower end and an inturned flange at the lower end of the second shell engaging said shoulder, an extension on the inner shell and projecting beyond one end of the other shell, an operating member on said extension and preventing relative longitudinal movement of the shells in the other direction, said member being operable through said extension to turn the inner shell in the other shell, and means whereby such turning movement results in movement of said holder longitudinally of the inner shell.
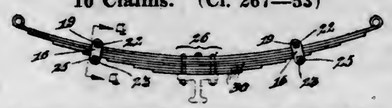
2,127,351

LEAF SPRING UNIT FOR VEHICLES

Donald M. Davis, Reading, Pa.

Application August 16, 1937, Serial No. 159,427

10 Claims. (Cl. 267—53)



1. A clamp device for a vehicle leaf spring unit, comprising a pair of pressure members each adapted to extend vertically across one of the opposite sides of the unit, a pair of yieldable elements each adapted to be interposed between the unit and one of the pressure members in fixed relation with respect to the latter, pressure member connecting means adapted to extend across the top of the unit and rockably join with one of the members, pressure member connecting means adapted to extend across the bottom of the unit and rockably join with one of the members, and means for moving the pressure members toward each other thereby to force the yieldable elements against the side edges of the unit so as to maintain the said side edges in determinedly aligned relation with respect to each other irrespective of variations in the contour thereof.

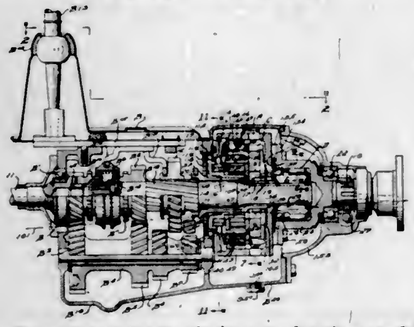
2,127,352
CONDENSER
William Dubilier, New Rochelle, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a corporation of Delaware
Application October 12, 1932, Serial No. 637,415
Renewed July 3, 1937
13 Claims. (Cl. 175—41)



1. A container for an electrical condenser comprising an inner liquid-tight thin sheet-metal casing, an outer casing of relatively thick sheet metal and a meltable compound interposed between the casings and filling any open spaces between them and substantially adhering to their opposite faces.

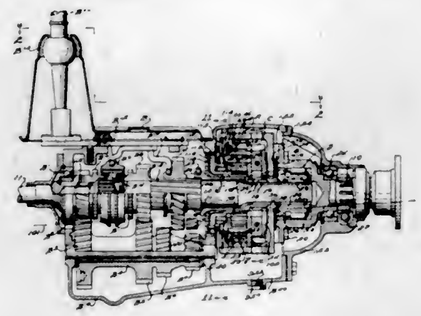
4. An electrical condenser comprising a condenser body, a container for the condenser body formed of thin readily bendable metal having edge portions bent into tight-fitting engagement with adjacent portions of the container to form seams, sealing means continuously sealing all seams to provide a liquid-tight casing, said metal having sufficient rigidity to provide a self-supporting manipulable container unit; and an unsealed outer protective casing of relatively rigid shock-resistant metal enveloping and closely fitting the container.

2,127,353
POWER TRANSMISSION
Otto E. Fishburn and Herbert F. Patterson, Detroit, and Richard C. Aland, Highland Park, Mich., assignors to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application December 17, 1934, Serial No. 757,748
23 Claims. (Cl. 74—328)



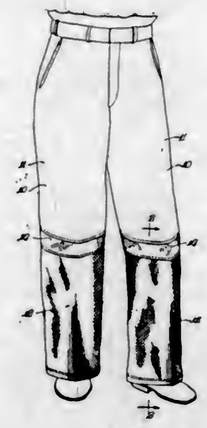
1. In a power transmission mechanism, a drive shaft, a driven shaft, means including a shiftable clutch device having a sleeve surrounding and driven by one of said shafts and adapted to provide a direct two-way drive between said shafts, means including a gear train for driving said driven shaft from said drive shaft at a speed ratio different from said direct drive, said speed ratio driving means including driving and driven members respectively adapted for driving connection with said shafts, said speed ratio driving means further including relatively movable clutching structures adapted when engaged to provide a drive through said gear train, manually operable means acting on said sleeve for selectively shifting said clutch device relative to the shaft surrounded by the sleeve into positions providing said direct drive and providing a drive to one of said speed ratio members, and means responsive to engagement of said clutching structures to releasably lock said manually operable means against operation to shift said sleeve and clutch device into position tending to establish said direct drive.

2,127,354
POWER TRANSMISSION
Otto E. Fishburn and Herbert F. Patterson, Detroit, and Richard C. Aland, Highland Park, Mich., assignors to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Original application December 17, 1934, Serial No. 757,748. Divided and this application January 19, 1935, Serial No. 2,500
22 Claims. (Cl. 74—328)



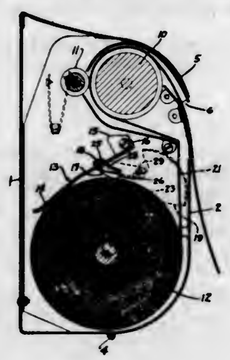
1. In a motor vehicle power transmission having a speed ratio changing mechanism and an auxiliary driving mechanism operably connected thereto, casing structures for each of said mechanisms, one of said casing structures providing a lubricant reservoir, means responsive to operation of said mechanisms for causing circulation of lubricant from said reservoir to the other of said casing structures for lubricating the mechanism thereof and thence back to said reservoir, a wall structure dividing said casing structures from each other and having a passageway for returning lubricant from the casing structure for said auxiliary mechanism to the casing structure for said speed ratio changing mechanism, said auxiliary driving mechanism including a plurality of gears, means for supporting one of said gears from said wall structure, said auxiliary driving mechanism further including a rotary cylinder operably connected to said gears, and means responsive to rotation of said cylinder for conducting lubricant picked up by and thrown from said cylinder into separate paths respectively directed through said wall passageway and to lubricate said gears.

2,127,355
HEAT RESISTING TROUSER LEG
Erik G. Grundstrom, Chicago, Ill.
Application February 27, 1937, Serial No. 128,092
2 Claims. (Cl. 2—227)



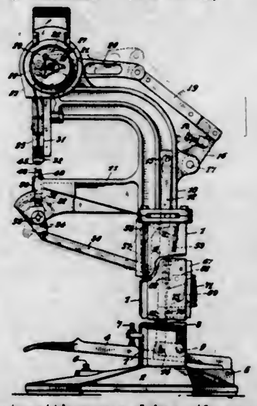
1. A pair of trousers comprising, in combination, an upper leg portion of cloth and a tubular lower leg portion, said lower leg portion including a portion of heat resisting material, the upper extremity of said heat resisting portion being sufficiently low to avoid interference with the knee action of the wearer of said trousers, the upper extremity of said tubular lower leg portion being disposed within said upper leg portion, said tubular lower leg portion being free of upwardly presented ledges upon which globules of hot material may lodge and being sufficiently large in diameter to permit uninterrupted ventilation therethrough along the leg of the wearer.

2,127,356
INDICATOR MECHANISM
Albert C. Grunwald, River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah, a corporation of Utah
Application May 3, 1937, Serial No. 140,440
8 Claims. (Cl. 33—172)



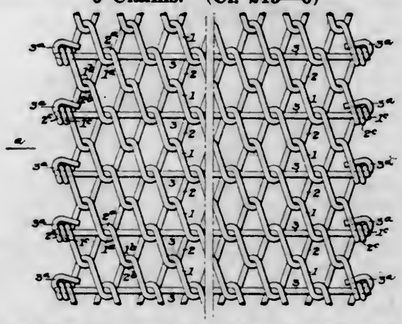
1. An enclosure having, a sight opening and having pivoted therein an indicator element visible through the opening, said element being gravity operable from an initial to a final indicating position, a pivoted follower means gravity operable in follow direction, and a link pivotally connecting said indicator and follower for motions in unison.

2,127,357
RIVETING MACHINE
Julius Gualtiere, Brooklyn, N. Y., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y., a corporation of New York
Application March 24, 1937, Serial No. 132,782
3 Claims. (Cl. 1—3)



1. In a rivet setting machine, the combination of a plunger for setting rivets, an anvil against which said plunger operates to set rivets in work, a stationary member through which said plunger operates above said anvil, means to operate said plunger, an oscillating cam to raise and lower said anvil, the pivot for said cam being substantially at right angles to the line of movement of said plunger, devices connecting said means to said cam to operate said cam to raise said anvil when said plunger is moving toward said anvil whereby work is clamped between said anvil and said stationary member before said plunger is effective to set a rivet in the work, one of said devices comprising a spring member.

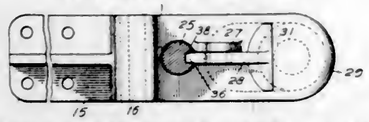
2,127,358
WIRE FABRIC AND METHOD OF MAKING THE SAME
Raymond J. Guba, Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa., a corporation of New Jersey
Application April 29, 1936, Serial No. 76,926
6 Claims. (Cl. 245—6)



1. Belt fabric made up of a plurality of interconnected helically coiled wires arranged in unit

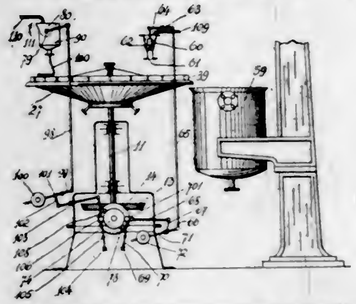
pairs with the opposite ends of said unit pairs of said wires connected together by intertwisting said ends, and cross connector wires or rods passing through the interconnecting bights only and the intertwisted ends of said connected pairs of helically coiled wires, each of said cross connector wires or rods having its ends reversely bent over said intertwisted ends of the unit pairs of wires at the marginal edges of the fabric.

2,127,359
COUPLING
Bertron G. Harley, Saco, Maine
Application November 24, 1936, Serial No. 112,502
4 Claims. (Cl. 280—33.15)



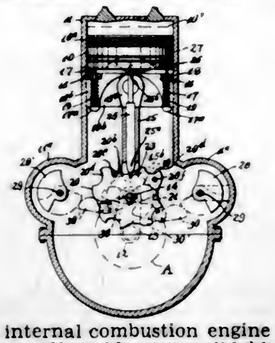
1. Coupling apparatus for loosely connecting a vehicle with a structure adapted to be moved by said vehicle comprising a member having a ball, a second member having a socket larger than the ball into which the ball is adapted to extend loosely, said socket having a concave portion adapted to receive the ball; a single key-like element freely positionable along vertical guide faces formed by the walls of said second member, said key-like member being so constructed and arranged that when in operative position said ball is held in said socket for free rotational movement, said key-like element and said concave portion being effective to maintain coupling relationship of said first with said second-mentioned coupling member, the relationship of the parts being such that pressure from the ball acts substantially normal to a pressure receiving key surface directly adjacent to the ball and through and transversely of said key member in a direction substantially normal to said vertical guide faces.

2,127,360
PROCESS FOR THE REMOVAL OF ACID FROM NITRATED STARCH
Johann Helle and Alfons Kunz, Fuzfo, Hungary, assignors to Nitrokemia Ipartelepek Reszvenytarsasag, Budapest, Hungary
Application November 10, 1936, Serial No. 110,187
In Hungary May 22, 1936
3 Claims. (Cl. 260—148)



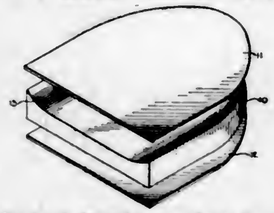
1. A process for the removal of nitrating acid from nitrated starch by displacement of the acid with water, which consists in drawing the water successively through a series of batches of the nitrated starch on filters wherein the liquid drawn through the last filter of the series is passed into the next preceding filter and so on, until the acid removed from the successively filtered batches of the series is drawn through a filter containing fresh nitrated starch, the water-washed nitrated starch being withdrawn from that end of the series where the fresh water enters while the filter thus cleared before being charged again with nitrated starch is freed from water.

2,127,361
ADJUSTABLE PISTON FOR INTERNAL COMBUSTION ENGINES
John Hlasney, Jr., New York, N. Y.
Application August 7, 1937, Serial No. 157,826
8 Claims. (Cl. 123—48)



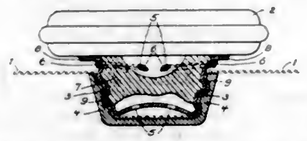
1. In an internal combustion engine the combination of an adjustable piston slidably mounted in a cylinder head and comprising a top piston section and a bottom section, means for urging said piston sections together, a crankshaft, a crank on said crankshaft having spaced radial arms and a rung rotative between said arms, a connecting rod pivotally connected to said bottom piston section and pivotally connected to said rung, a cam fixedly mounted on said rung, a stem slidably mounted on said connecting rod and connected to said piston by engaging said top piston section and having its inner end abutting said cam, means for adjusting said cam relative to said stem whereby said crank may be rotated to reciprocate said piston, and said cam adjusted to move said stem to change the relative position of said piston sections.

2,127,362
SHOE HEEL
Richard F. Hoflin, Flushing, Long Island, N. Y., assignor to Webwood Corporation, New York, N. Y.
Application April 23, 1937, Serial No. 138,489
1 Claim. (Cl. 12—147)



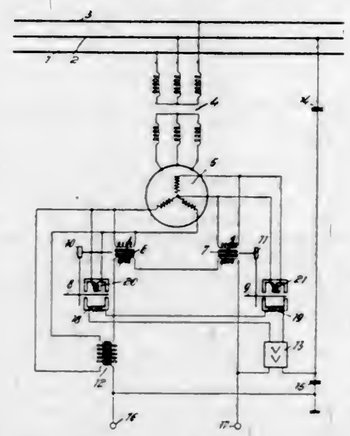
A method of forming a shoe heel comprising providing a base and top lift of leather, and a filler, the base being one-sixteenth of an inch larger in circumference than the filler and top lift whereby when subjected to pressure the base assumes the conventional curve without great distortion, and assembling top lift filler and base, and subjecting these parts to pressure to produce a heel.

2,127,363
BUTTON FASTENER
Arthur Illsche, Rye, N. Y.
Application March 26, 1937, Serial No. 133,110
1 Claim. (Cl. 24—105)



A fastener for removably securing a button, ornament or the like to a fabric, comprising two members, provided with frustro-conical screw-thread interengaging means cooperating to receive a fabric interposed without puncture therebetween, one of the members having a flange at its upper end, and means integrally securing it to a button, ornament or the like.

2,127,364
INSTRUMENT FOR TESTING OR UTILIZING VERY HIGH VOLTAGES
Georg Keinath, Berlin-Charlottenburg, and Ludwig Merz, Berlin-Haselhorst, Germany, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application February 23, 1937, Serial No. 127,272
In Germany February 22, 1936
7 Claims. (Cl. 171—119)
(Granted under the provisions of sec. 14, act of March 2, 1927; O. G. 5)



1. A device for producing low alternating output voltages corresponding in phase and in variations of magnitude to the input voltage of an alternating high voltage circuit, comprising a chain of series-connected capacitors connected with said high voltage circuit so as to divide said high voltage into a potential gradient of definite steps, an auxiliary current source electrically coupled with said high voltage circuit for producing an auxiliary voltage synchronous with said high voltage, an auxiliary current source for producing an auxiliary voltage synchronous with said high voltage, said source having an input circuit electrically coupled with said high voltage circuit independently of said chain of capacitors, and an output circuit electrically coupled with a part of said chain which consists of at least one of said capacitors, means connected with said output circuit for varying magnitude and phase of said auxiliary voltage in said output circuit in order to balance said auxiliary voltage against the voltage of said capacitor so as to compensate the capacitor voltage, and terminals arranged in said output circuit for taking off the compensating auxiliary voltage.

2,127,365
PACKAGE OF DENTAL X-RAY FILMS
William O. McHugh, St. Louis, Mo.
Application April 6, 1936, Serial No. 72,846
3 Claims. (Cl. 250—34)



1. The combination of a light protective sheet having a bellows fold therein, light sensitive films between the plies of said sheet, with their adjacent margins in the respective pockets of said bellows fold, and an enclosing cover, the free ends of said plies terminating in tabs opposite the bellows fold, and the ends of the films projecting somewhat beyond the adjacent portions of said plies.

2,127,366
GARMENT
Christ P. Mele, Natick, Mass.
Application December 17, 1937, Serial No. 180,266
3 Claims. (Cl. 2—74)



1. An improved garment having an upper body portion, shoulder, neck band and sleeve portions, in combination with insert members comprising material expandible in a horizontal plane between the said sleeve portions, the said inserts being located between the said neck band and sleeve portions on each side of said garment, and extending down the back and the front of the garment to a point below the lowermost point of jointure of the said sleeves with said inserts.

2,127,367
HYDROGENATION OF HIGHER FATTY ACIDS

Wilhelm Normann and Gustav von Schuckmann, Chemnitz, Germany, assignors to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany, a corporation of Germany

No Drawing. Application November 10, 1934, Serial No. 752,470. In Germany November 18, 1933

9 Claims. (Cl. 260—488)

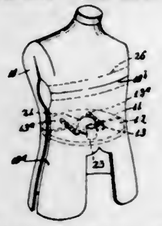
1. In the catalytic reduction of fatty acids at elevated temperatures and pressures in the presence of hydrogen, the step of regulating the activity of the catalyst by means of a catalyst poison in such manner that the reduction of the carboxyl radical alone is effected and not ester radicals resulting from reaction of the alcohols produced with fatty acids.

2,127,368
ADJUSTABLE CLOTHING FORM

Bernard Oestricher, Brooklyn, N. Y.

Application April 28, 1937, Serial No. 139,398

4 Claims. (Cl. 223—68)



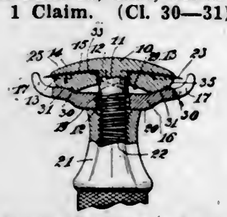
1. An adjustable coat form, comprising a coat form body having panel sections which are pivotally mounted at one of their edges, a socket for a post or the like to support said form, a support element connected with said socket, a second support element, means for holding said support elements in relatively adjusted positions, and means for adjustably connecting said support elements with said body so that the support element with the socket is selectively connected with one of said panel sections.

2,127,369
COMBINED SAFETY RAZOR AND HAIR CUTTER

Jacob Ritter, New York, N. Y.

Application June 12, 1937, Serial No. 147,954

1 Claim. (Cl. 30—31)



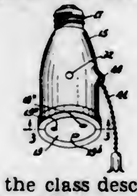
In a standard safety razor having a cap portion, a comb portion, and a blade therebetween, the combination therewith of a separate insert member, said insert member having one surface substantially of the same configuration as the concave surface of the cap member and having its reverse surface corresponding substantially to the configuration of the exterior of the comb member when used in safety razor position, said insert member being adapted to be placed between the inner concave surface of the cap member and the said exterior surface of the comb member, to position the blade in respect to the combs of said comb member for hair-cutting position, said insert member and comb member while in their aforesaid positions being adapted to be set in reversed position to enable the razor operative side of the comb member to enter the inner concavity of the cap member to be used for safety razor action, and a handle and stud for combining the aforesaid members in either hair cutting or safety razor action position.

2,127,370
THREE-WAY SOCKET AND LAMP

Saviour Sammut, New Haven, Conn.

Application March 22, 1937, Serial No. 132,307

1 Claim. (Cl. 173—347)



In a device of the class described, a body having a contact, a conductor rotatively supported adjacent said contact and having an extending finger for engaging said contact, a member rotatively supported coaxially with said conductor, fingers on said member, said conductor comprising a body portion, finger portions on said body portion and coactable with said fingers on said member for turning said conductor, solder for holding said first-mentioned finger in position on said conductor, anchorage elements on the periphery of said body portion, and a complementary anchorage element on said first-mentioned finger and engageable selectively with said anchorage elements for assisting in releasably holding said first-mentioned finger in various fixed positions on said body portion.

2,127,371
AROMATIC COMPOUNDS OF TRIVALENT ANTIMONY AND PROCESS OF PREPARING THE SAME

Hans Schmidt, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application May 15, 1933, Serial No. 671,286. In Germany May 19, 1932

31 Claims. (Cl. 260—307)

3. Neutral, water-soluble complex compounds of trivalent antimony in which the antimony is partly linked to the benzene nucleus of a benzene derivative and partly to hydroxyl oxygen atoms of an ortho-polyhydroxybenzene containing at least one acid group capable of forming salts, in which antimony complex compounds the acid groups are neutralized by a basic radical selected from the group consisting of alkali metal, calcium, magnesium, ammonium and aliphatic amines, and which complex compounds are whitish to faintly colored substances which are insoluble in alcohol, but dissolve in water to neutral solutions and are suitable for therapeutic purposes.

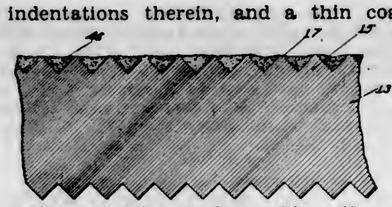
2,127,372
COATED ALL-METAL GASKET

John H. Victor, Wilmette, and Benjamin J. Victor, Oak Park, Ill., assignors to Victor Manufacturing & Gasket Company, Chicago, Ill., a corporation of Illinois

Application March 8, 1935, Serial No. 10,055

1 Claim. (Cl. 288—1)

A gasket for internal combustion engines composed of a single unitary sheet of metal having indentations therein, and a thin coating



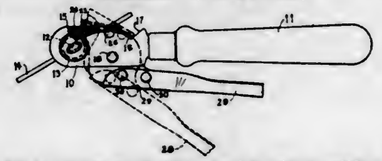
over the faces of the gasket, said coating composed of digested elaterite.

2,127,373
CAN OPENER

Myron J. Zimmer, Chicago, Ill., assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois

Application August 20, 1936, Serial No. 96,989

3 Claims. (Cl. 30—15)



1. In a can opener, the combination with a relatively flat frame piece, of a shaft mounted for rotation adjoining one end of said frame piece, a knurled traction wheel fixed to one end of said shaft and resting flatwise against the inner face of said frame piece, a key fixed to the opposite end of the shaft for rotation thereof, a plate pivotally mounted on the frame piece and resting flatwise against the outer face of said frame piece, a flange projecting laterally from the plate and having a leading portion and a trailing portion overhanging the inner face of the frame piece and overhanging a plane tangent to the upper circumferential limits of the traction wheel and also parallel to the longitudinal axis of the frame piece, said trailing portion providing a shear blade occupying a plane parallel with the faces of said traction wheel and offset outwardly from the outer face of the leading portion.

2,127,374
PROCESS OF MAKING AN IRON COMPOUND OF NITROSO-BETA-NAPHTHOL

Edward R. Allen, Summit, N. J., and George Lutz, Rocky River, Ohio, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

No Drawing. Application January 31, 1935, Serial No. 4,300

12 Claims. (Cl. 260—11)

12. A process for producing an iron compound of nitroso-beta-naphthol, comprising reacting in aqueous solution a compound of nitroso-beta-naphthol with a substantially water-insoluble ferrous salt of an organic acid from the group consisting of hydroxy carboxylic and polycarboxylic acids, said insoluble ferrous salt being separately prepared and added to the aqueous solution for reaction.

2,127,375
ESTERS OF DITHIOCARBAMIC ACIDS

Euclid W. Bousquet, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 17, 1935, Serial No. 31,862

4 Claims. (Cl. 260—455)

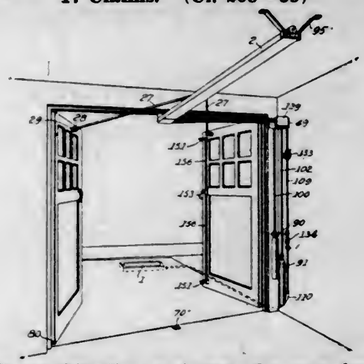
1. An ester of a dithiocarbamic acid, said ester including at least two alkyl radicals at least one of which is a straight-chain radical of at least eight carbon atoms.

2,127,376
CLOSURE OPERATOR

Frederick A. Purdy, Scarsdale, N. Y.

Application June 17, 1933, Serial No. 676,311

17 Claims. (Cl. 268—35)



1. In combination, a door and means for operating the door comprising a slide, a sliding member on the slide to operate the door in one direction, another sliding member on the slide to operate the door in the other direction, means for setting and holding the sliding members in operative positions, and motive means connected to the sliding members to open and close the door respectively, and means for actuating the holding means to release the sliding members to operate.

2,127,377
PREPARATION OF POLYNUCLEAR HYDRO-AROMATIC AMINES

Caryl Sly, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 5, 1936, Serial No. 114,368

20 Claims. (Cl. 260—563)

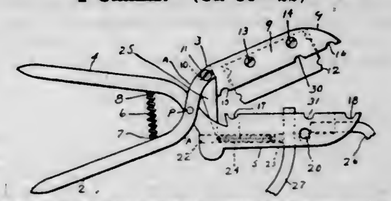
1. A process for the production of a decahydro-beta-naphthylamine which comprises catalytically hydrogenating in the liquid phase beta-naphthylamine to tetrahydro-beta-naphthylamine and then subjecting the resulting product to a temperature in excess of 250° C. but below 300° C. under a superatmospheric pressure in excess of 20 atmospheres whereby the tetrahydro-beta-naphthylamine is hydrogenated to a decahydro-beta-naphthylamine.

2,127,378
POWDER TOOL

Verl Vorhies, Climax, Colo.

Application April 12, 1938, Serial No. 201,651

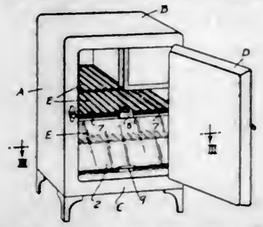
4 Claims. (Cl. 86—22)



1. A tool of the class described comprising a

pair of bars pivoted together, each bar having a head portion and a handle portion; a blade holder secured to the head portion of one bar; a blade mounted in said blade holder; fuse receiving chambers in the head portion of the other bar each fuse receiving chamber being adapted to hold a fuse in proper position to be cut by said blade; and a plunger in said last named head portion adapted to lock a fuse in one fuse receiving chamber; and means to actuate said plunger when said head portions are disposed adjacent one to the other.

2,127,379
REFRIGERATOR COLD SAVER
Gridley Adams, Weehawken, N. J.
Application April 14, 1936, Serial No. 74,386
5 Claims. (Cl. 312—190)



3. In a refrigerator, an access opening, a vertically movable screen positioned and serving to close the access opening at its inner side, means for support and attachment of said screen to the refrigerator, means to attach the top of said screen to a fixed fitment in said refrigerator at predetermined elevations, and means attached to said supporting means engaging said screen at its bottom and preventing outflow of air from the bottom of the refrigerator.

2,127,380
INSECTICIDE AND FUNGICIDE
Frederick E. Dearborn, Washington, D. C., dedicated to the free use of the People of the United States
No Drawing. Application April 14, 1937, Serial No. 136,817
4 Claims. (Cl. 167—22)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An insecticide and fungicide comprising the complex products of the reactions between a solution of an alkali metal arsenite, an inorganic cupric salt and alkali metal salts of the group consisting of vegetable, animal and fish oils, containing mixed glycerides of monocarboxylic acids of the series having the general formula $C_nH_{2n}O_2$, $C_nH_{2n-2}O_2$, $C_nH_{2n-4}O_2$, $C_nH_{2n-6}O_2$, and $C_nH_{2n-8}O_2$.

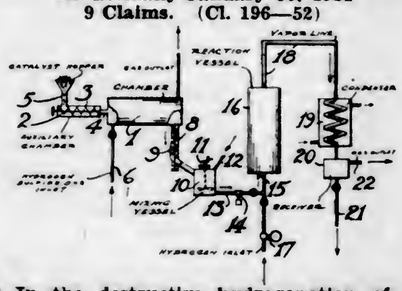
2,127,381
COMBINATIONS OF POLYMERIZED VINYL COMPOUNDS AND WAXES
Willy O. Herrmann and Wolfram Haehnel, Munich, Germany, assignors, by mesne assignments, to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany, a corporation of Germany
No Drawing. Application March 3, 1934, Serial No. 713,946. In Germany March 8, 1933
22 Claims. (Cl. 18—48.3)

1. Process of increasing the hardness of polymerized vinyl compounds which consists in adding a wax to a substantially unpolymerized monovinyl compound selected from the group consisting of the esters of acrylic and itaconic acids, the esters of vinyl alcohol, and styrol, and then polymerizing a solution of the mixture.

2,127,382
CARRYING OUT CATALYTIC REACTIONS
Mathias Pier, Heidelberg, and Paul Jacob and Walter Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J., a corporation of Delaware
No Drawing. Application January 29, 1936, Serial No. 61,308. In Germany January 30, 1931
9 Claims. (Cl. 196—53)

1. In carrying out non-oxidizing catalytic reactions at elevated temperatures with combustible carbonaceous materials the step which comprises employing as a catalyst a sulphide of a heavy metal other than iron capable of forming a thio salt, which sulphide during and after its preparation is precluded from substances having a substantial oxidizing action and has been prepared by thermal decomposition of a partially thionated salt, containing said heavy metal in the acid radicle, at an elevated temperature between 150 and 500° C. in combination with a treatment with a sulphidizing agent for a time sufficient for ensuring the formation of a sulphide free from oxygen from the said partially thionated salt, the heavy metal present in the sulphide thus being completely combined with sulphur.

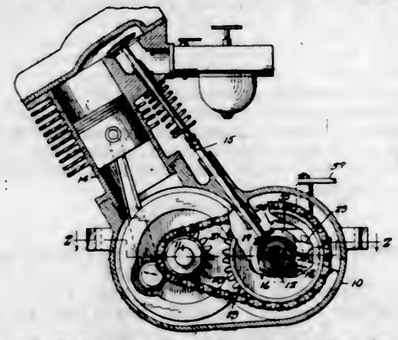
2,127,383
CARRYING OUT CATALYTIC REACTIONS
Mathias Pier, Heidelberg, and Paul Jacob and Walter Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J., a corporation of Delaware
Application April 25, 1936, Serial No. 76,428
In Germany January 30, 1931
9 Claims. (Cl. 196—52)



2. In the destructive hydrogenation of carbonaceous materials, at a temperature between 300° C. and 700° C. and under superatmospheric pressure, the step which comprises employing as a catalyst a sulfide of a metal of group six of the periodic system which, during and after its preparation, is precluded from substances which having substantial oxidizing action and which is prepared by treating a sulfide of a material selected from the group consisting of metals of group six with hydrogen sulfide at a temperature between 300° C. and 600° C., added free hydrogen being present, if at all, in amounts not exceeding 10% of the entire amount of volatile constituents, and the treatment, at least for a substantial portion thereof, being carried out under a pressure of at least two atmospheres and being continued until no further sulfur is absorbed from the hydrogen sulfide by the material undergoing treatment.

2,127,384
MOTORCYCLE ENGINE TRANSMISSION
Mark W. Anthony, Tyler, Tex.
Application May 22, 1936, Serial No. 81,317
6 Claims. (Cl. 123—197)

1. Mechanism for the purpose indicated comprising a crank shaft, a rotary member operatively connected with the crank shaft for rotation in timed relation with the latter, valve operating cams mounted on the rotary member for actuating inlet and exhaust valves, a transmis-



sion shaft having its axis of rotation in common with that of said member and operative connections between said member and the transmission shaft for controlling rotation of the latter independently of the cams.

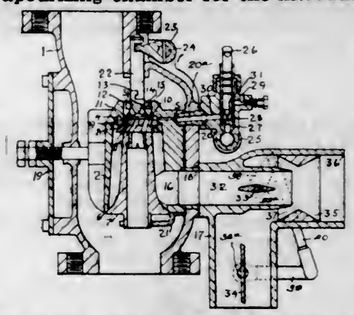
2,127,385
FOUNTAIN PEN
Herman Baron, San Salvador, El Salvador
Application June 23, 1937, Serial No. 149,976
4 Claims. (Cl. 120—47)



1. In a pen of the character described, a barrel forming an ink chamber, a plug firmly but removably supported in an opening formed in said barrel, an extensible stem slidably fitting in an opening formed in the plug, a substantially stationary cylinder carried by and substantially fixedly mounted on the plug interiorly of the barrel and adapted to accommodate the extensible stem when in contracted condition, and an inherently elastic bag interiorly of the barrel, substantially fixedly connected to the plug and expanded by the said stem when extended and actuated.

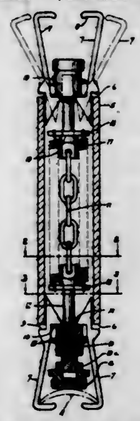
2,127,386
CARBURETOR
Sven Emanuel Bengtson, Stockholm, Sweden
Application July 9, 1936, Serial No. 89,830
In Sweden July 10, 1935
14 Claims. (Cl. 261—18)

1. In a bi-fuel device of the character described comprising an exhaust chamber, a vapourizing chamber for heavy fuel located in said exhaust chamber, a valve controlled opening in said vapourizing chamber for the introduction of



exhaust gases thereto from the exhaust chamber, and a valve controlled outlet opening in the vapourizing chamber for returning said exhaust gases from the latter to said exhaust chamber.

2,127,387
SELF-LOCKING BUMPER COUPLING
Paul L. Brattain, Azusa, Calif.
Application May 23, 1938, Serial No. 209,584
3 Claims. (Cl. 280—33.14)



1. A self-locking coupling as described comprising an elongated rigid member having shoulders adjacent the ends thereof, a pair of hook members having abutments adapted to engage said shoulders and having additional abutments, a pair of stud pins having means to engage said additional abutments and link means interconnecting said pins.

2,127,388
METAL ARTICLE FOR COATING
Jesse J. Canfield and George W. McGohan, Middletown, Ohio, assignors to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
No Drawing. Application April 7, 1934, Serial No. 719,593
3 Claims. (Cl. 148—31)

1. A deep drawing sheet of commercially pure ingot iron for use in applying vitreous enamel coats thereto, and which sheet is free from tendency to develop reboiling defects during enameling, said sheet having the characteristics of a commercially pure ingot iron sheet resulting from

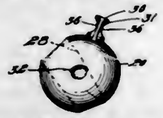
a cold rolling to an amount at least equal to twenty percent, and the typical cold rolled surface being permanently modified and the sheet having as its surface to be coated with vitreous enamel one to which vitreous enamel coats will tightly adhere.

2,127,389

NOZZLE CLOSURE MEANS FOR CONTAINERS, BOTTLES, TUBES, CANS, AND THE LIKE

Elton C. Church, Providence, R. I., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I., a corporation of Rhode Island

Application September 22, 1936, Serial No. 101,967
Renewed June 11, 1938
8 Claims. (Cl. 221—60)



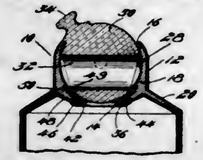
1. Closure means for containers for plastic material comprising a nozzle having a recess therein and dispensing hole means in the outer end thereof, an oscillatable valve closure member having a discharge vent, said closure member being movably mounted within said recess to oscillate in an axis at right angles to said vent and having a turning lug projecting outwardly through the end of said nozzle to move said vent from a closed position on movement of said turning lug from a position abutting one nozzle wall to a dispensing position with said vent flush with said nozzle dispensing hole means and said turning lug abutting the opposite nozzle wall, said lug having concaved side walls for the ready manipulation thereof and being spaced from said discharge vent a distance such that when moved to open position bringing said discharge vent in alignment with the outer nozzle dispensing hole means, a stream of said plastic material may be dispensed through said aligned dispensing hole means and discharge vent to lie flat on a horizontal surface unobstructed in its flow by said turning lug.

2,127,390

NOZZLE CLOSURE MEANS FOR CONTAINERS

Albert H. Church, Providence, R. I., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I., a corporation of Rhode Island

Application September 23, 1936, Serial No. 102,144
Renewed June 11, 1938
5 Claims. (Cl. 221—60)



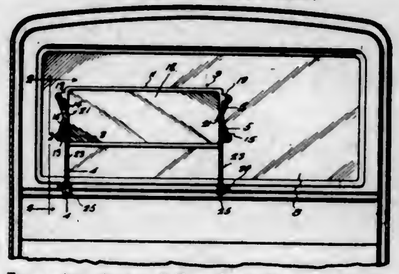
1. Nozzle closure means for a container, comprising a hollow nozzle member constructed of coated metal having dispensing hole means in each end thereof, the edge of one of which exposes said metal and an inner wall substantially comprising an enlarged valve seat, a closure valve member oscillatably mounted on said valve seat having a vent oscillatable to an open position flush with a respective hole means or in a closed position against the nozzle inner wall and a projection projecting outwardly from said nozzle to oscillate said closure valve member, the lower portion of said valve seat around said lower dispensing hole means having a washer receiving countersunk recess and a supplemental recess of lesser width within said washer containing recess, an eyelet constructed of ductile protective material having a body portion overlappingly sealing the edge of the dispensing hole means in the lower portion of said nozzle having an upper annular flange compactly retained within said supplemental recess and a lower annular flange compactly pressed against the lower end of said nozzle and a partially spherical washer member contained within said countersunk washer recess in said lower valve seat portion between the lower portion of said valve seat and said oscillatable valve member.

2,127,391

WINDSHIELD DEFROSTER ATTACHING AND RETAINING MEANS

Howard W. Cole, Conyngham, Pa.

Application January 4, 1938, Serial No. 183,354
7 Claims. (Cl. 20—40.5)



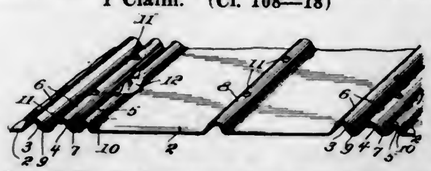
1. In a structure of the class described, in combination, a windshield, an inner cowl, a defroster including a marginal frame, adapter links connected to the end portions of said frame, a pair of stand units attached to said cowl, and set screws carried by said stand units and connected with said links.

2,127,392

METAL ROOF JOINT

Elisha S. Copeland, Batesburg, S. C.

Application October 7, 1936, Serial No. 104,539
1 Claim. (Cl. 108—18)



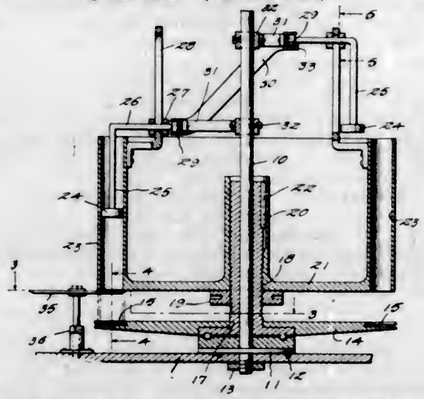
A metallic roof construction comprising a plurality of metallic sheet sections adapted to be laid in overlapping relation and each section being bent to provide at an underlying edge an upstanding flange and a pair of spaced ribs adjacent thereto, and a second pair of ribs located adjacent the opposite edge of said section, one of the ribs of said first mentioned pair of ribs of the underlying edge having a substantially straight upstanding wall and a wall disposed on an inclination thereto, the other rib of the first-mentioned pair of ribs of the underlying edge fitting into one of the ribs of the second-named pair of ribs of the overlapping edge with the upstanding flange engaging tightly against a wall of the other rib of said second-mentioned pair of ribs of the overlapping edge and the other rib of the first-named pair of ribs of the underlying edge being clinched at spaced intervals against the overlapping edge with the nonflanged overlapping edge bearing tightly against the straight wall of the last-named rib thereby cooperating with the clinched portions in preventing the sections from moving out of overlapping relation.

2,127,393

PACKING MACHINE

Charles L. Doney, San Pedro, Calif.

Application October 11, 1937, Serial No. 168,527
5 Claims. (Cl. 226—96)



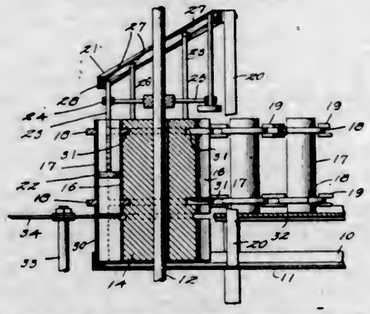
1. A machine of the character described comprising a turntable having peripheral seats for cans, a cylinder turnable with the table and having cylinders aligned with the seats, pistons operating within the cylinders and movable without the same, trackage effecting movement of the pistons, and a cutter operating between the turntable and said cylinder.

2,127,394

ENDLESS CONVEYER TYPE PACKING MACHINE

Charles L. Doney, San Pedro, Calif.

Application October 11, 1937, Serial No. 168,528
4 Claims. (Cl. 226—96)



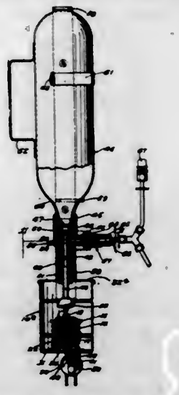
1. A machine of the character described comprising a table, rotors arranged at opposite ends of said table, an endless series of cylinders trained about said rotors, packing plungers reciprocatingly operated and movable within and without the cylinders at the points of the rotors, can carriers beneath said rotors for communication with the cylinders when traveling about said rotors, and cutters operating between the rotors and said carriers for cutting material freed from the cylinders into the cans.

2,127,395

FIRE EXTINGUISHER

Powell Evans, Haverford, Pa.

Application January 17, 1936, Serial No. 59,629
11 Claims. (Cl. 169—26)



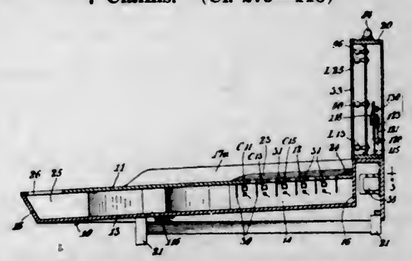
10. In apparatus of the type described, a spring pressed head, an objective into engagement with which the spring urges the head, a switch including a movable contact, a spring constantly tending to shift the contact and a member connected to said head and in one position thereof operatively maintaining said switch contact against movement under the influence of the spring and restraining said head from movement under the influence of its spring and a fusible element engaging said member to maintain the same in said position.

2,127,396

GAME

Philip Faber, Brooklyn, N. Y., assignor to Gertrude Faber, Brooklyn, N. Y.

Application May 11, 1938, Serial No. 207,353
7 Claims. (Cl. 273—118)



1. In a game of the kind wherein there is a target including a bank of interceptors for a missile such as a rolled ball, wherein there is a signalling means including a plurality of individually operable signalling devices, wherein a different one of said signalling devices is operated according as a different one of said interceptors coacts with the missile, and wherein said signalling devices are arranged along a single line,—the combination, with a "win" indicating means, of a means automatically operating said "win" indicating means whenever the last one of any one group of a plurality of different groups of said signalling devices constituting a predetermined number of said devices consecutively located along said line has been operated irrespective of which one of said devices is the one located at one end of such group.

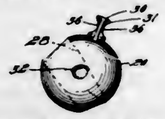
a cold rolling to an amount at least equal to twenty percent, and the typical cold rolled surface being permanently modified and the sheet having as its surface to be coated with vitreous enamel one to which vitreous enamel coats will tightly adhere.

2,127,389

NOZZLE CLOSURE MEANS FOR CONTAINERS, BOTTLES, TUBES, CANS, AND THE LIKE

Elton C. Church, Providence, R. I., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I., a corporation of Rhode Island

Application September 22, 1936, Serial No. 101,967
Renewed June 11, 1938
8 Claims. (Cl. 221—60)



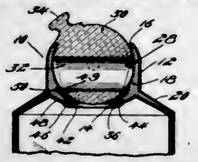
1. Closure means for containers for plastic material comprising a nozzle having a recess therein and dispensing hole means in the outer end thereof, an oscillatable valve closure member having a discharge vent, said closure member being movably mounted within said recess to oscillate in an axis at right angles to said vent and having a turning lug projecting outwardly through the end of said nozzle to move said vent from a closed position on movement of said turning lug from a position abutting one nozzle wall to a dispensing position with said vent flush with said nozzle dispensing hole means and said turning lug abutting the opposite nozzle wall, said lug having concaved side walls for the ready manipulation thereof and being spaced from said discharge vent a distance such that when moved to open position bringing said discharge vent in alignment with the outer nozzle dispensing hole means, a stream of said plastic material may be dispensed through said aligned dispensing hole means and discharge vent to lie flat on a horizontal surface unobstructed in its flow by said turning lug.

2,127,390

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Application September 23, 1936, Serial No. 102,144
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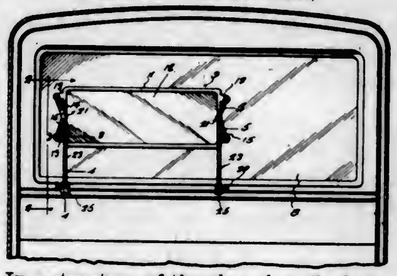
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2,127,391

WINDSHIELD DEFROSTER ATTACHING AND RETAINING MEANS

Howard W. Cole, Conyngham, Pa.

Application January 4, 1938, Serial No. 183,354
7 Claims. (Cl. 20—40.5)



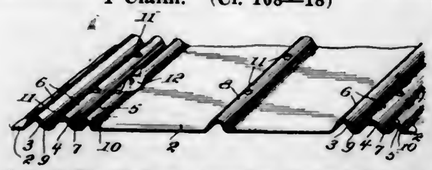
1. In a structure of the class described, in combination, a windshield, an inner cowl, a defroster including a marginal frame, adapter links connected to the end portions of said frame, a pair of stand units attached to said cowl, and set screws carried by said stand units and connected with said links.

2,127,392

METAL ROOF JOINT

Elisha S. Copeland, Batesburg, S. C.

Application October 7, 1936, Serial No. 104,539
1 Claim. (Cl. 108—18)



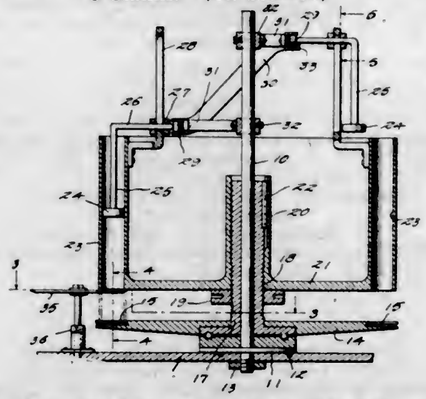
A metallic roof construction comprising a plurality of metallic sheet sections adapted to be laid in overlapping relation and each section being bent to provide at an underlying edge an upstanding flange and a pair of spaced ribs adjacent thereto, and a second pair of ribs located adjacent the opposite edge of said section, one of the ribs of said first mentioned pair of ribs of the underlying edge having a substantially straight upstanding wall and a wall disposed on an inclination thereto, the other rib of the first-mentioned pair of ribs of the underlying edge fitting into one of the ribs of the second-named pair of ribs of the overlapping edge with the upstanding flange engaging tightly against a wall of the other rib of said second-mentioned pair of ribs of the overlapping edge and the other rib of the first-named pair of ribs of the underlying edge being clinched at spaced intervals against the overlapping edge with the non-flanged overlapping edge bearing tightly against the straight wall of the last-named rib thereby cooperating with the clinched portions in preventing the sections from moving out of overlapping relation.

2,127,393

PACKING MACHINE

Charles L. Doney, San Pedro, Calif.

Application October 11, 1937, Serial No. 168,527
5 Claims. (Cl. 226—96)



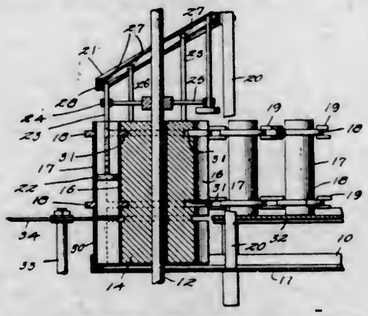
1. A machine of the character described comprising a turntable having peripheral seats for cans, a cylinder turnable with the table and having cylinders aligned with the seats, pistons operating within the cylinders and movable without the same, trackage effecting movement of the pistons, and a cutter operating between the turntable and said cylinder.

2,127,394

ENDLESS CONVEYER TYPE PACKING MACHINE

Charles L. Doney, San Pedro, Calif.

Application October 11, 1937, Serial No. 168,528
4 Claims. (Cl. 226—96)



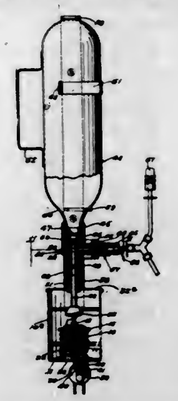
1. A machine of the character described comprising a table, rotors arranged at opposite ends of said table, an endless series of cylinders trained about said rotors, packing plungers reciprocatingly operated and movable within and without the cylinders at the points of the rotors, can carriers beneath said rotors for communication with the cylinders when traveling about said rotors, and cutters operating between the rotors and said carriers for cutting material freed from the cylinders into the cans.

2,127,395

FIRE EXTINGUISHER

Powell Evans, Haverford, Pa.

Application January 17, 1936, Serial No. 59,629
11 Claims. (Cl. 169—26)



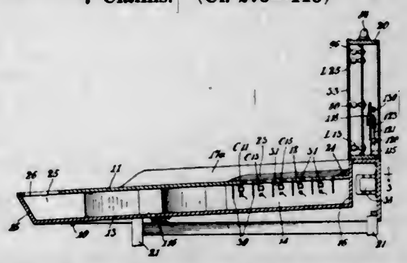
10. In apparatus of the type described, a spring pressed head, an objective into engagement with which the spring urges the head, a switch including a movable contact, a spring constantly tending to shift the contact and a member connected to said head and in one position thereof operatively maintaining said switch contact against movement under the influence of the spring and restraining said head from movement under the influence of its spring and a fusible element engaging said member to maintain the same in said position.

2,127,396

GAME

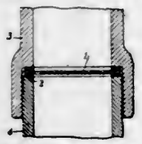
Philip Faber, Brooklyn, N. Y., assignor to Gertrude Faber, Brooklyn, N. Y.

Application May 11, 1938, Serial No. 207,353
7 Claims. (Cl. 273—118)



1. In a game of the kind wherein there is a target including a bank of interceptors for a missile such as a rolled ball, wherein there is a signalling means including a plurality of individually operable signalling devices, wherein a different one of said signalling devices is operated according as a different one of said interceptors coacts with the missile, and wherein said signalling devices are arranged along a single line,—the combination, with a "win" indicating means, of a means automatically operating said "win" indicating means whenever the last one of any one group of a plurality of different groups of said signalling devices constituting a predetermined number of said devices consecutively located along said line has been operated irrespective of which one of said devices is the one located at one end of such group.

2,127,397
STRAINER
Abraham L. Freedlander, Dayton, Ohio, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio, a corporation of Ohio
Application March 8, 1937, Serial No. 129,628
5 Claims. (Cl. 210—164)



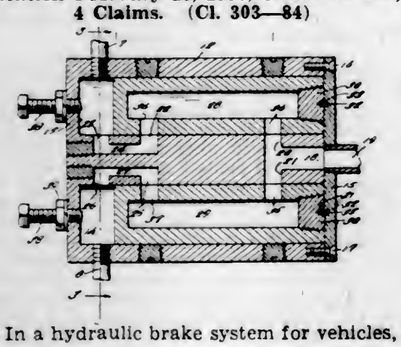
1. An article of manufacture for use as a combined screen and gasket comprising a metal mesh member having an annulus secured to its edges, said annulus being formed of oil resistant synthetic rubber.

2,127,398
FOLDABLE FURNITURE
Claud W. Freeman, Fort Worth, Tex.
Application February 11, 1937, Serial No. 125,322
3 Claims. (Cl. 155—77)



3. A chair of the character described, comprising a bottom, a pair of leg members disposed adjacent each of two opposite sides of the bottom, each pair of leg members being pivotally joined together and to the underside of the bottom whereby the legs of each pair may be swung relatively to one another and to the bottom, a unit attached to the bottom at each side and depending therefrom upon the outer side of the adjacent pair of legs and consisting of a portion extending between the adjacent pair of legs and outer portions coupling the first portion with the bottom adjacent the front and rear of the latter, means coupling each pair of the legs with the said unit portion extending therebetween whereby the legs are locked to prevent their separation, and the said outer portions being flexible to permit oscillation of the seat bottom when the legs are locked.

2,127,399
SAFETY DEVICE FOR HYDRAULIC BRAKE SYSTEMS
Simon C. George, Greensburg, and John J. Weber, Pittsburgh, Pa.; said John J. Weber assignor to Edna C. Weber, Pittsburgh, Pa.
Application February 16, 1937, Serial No. 126,052
4 Claims. (Cl. 303—84)

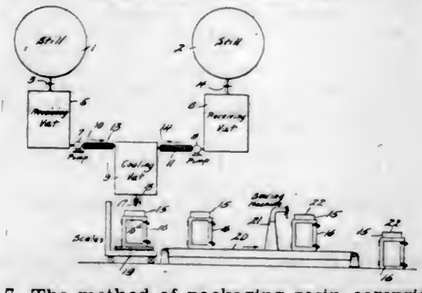


1. In a hydraulic brake system for vehicles, the combination with the front and rear vehicular wheel brakes, a master cylinder, a conduit for supplying fluid from the master cylinder to the front wheel brakes, and a conduit for supplying fluid from the master cylinder to the rear wheel brakes, of a device interposed between the master cylinder and said conduits and providing a connection between the master cylinder and the respective conduits, said device including independently operable hollow valve means for each conduit and through which the fluid passes, ports in the valves communicating with the conduits, said valves being slidably operable to cut off the flow of fluid through the ports in the event of leakage in the conduit without retarding the flow of fluid through the unaffected conduit.

2,127,400
PLASTICIZERS
Carlin F. Gibbs, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application June 25, 1937, Serial No. 150,327
15 Claims. (Cl. 106—22)

9. A plasticized composition comprising a polyvinyl halide and an organic sulfone.

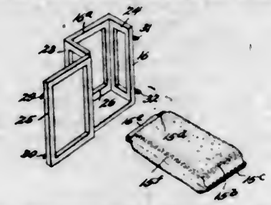
2,127,401
METHOD OF PACKAGING ROSIN
Charles Crum Gillican, Homerville, Ga.
Application November 15, 1937, Serial No. 174,677
17 Claims. (Cl. 226—47)



7. The method of packaging rosin comprising introducing hot liquid rosin into a relatively stiff but flexible container provided with an open portion to receive the rosin, said container being capable of flattening out by the distribution of the liquid rosin therein, closing said container while leaving therein a flow-space for the liquid rosin, flattening out said container to distribute the rosin-content thereof and substantially eliminating deformations in the container to thereby minimize the tendency of the rosin to be absorbed by the container, and to be broken during handling, and cooling and solidifying the rosin-content of the container.

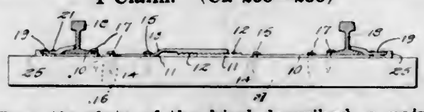
2,127,402
METHOD OF PACKAGING ROSIN
Charles Crum Gillican, Homerville, Ga.
Application May 21, 1938, Serial No. 209,346
17 Claims. (Cl. 226—47)

3. The method of packaging rosin comprising introducing hot liquid rosin into a relatively stiff but flexible bag having broad sides and provided with an open portion to receive the rosin, said bag having rosin contact surfaces which are substantially free of protruding fibers, the bag being capable of having its shape changed when placed on one of its broad sides by a distribution of the liquid rosin therein, closing said bag while leaving the rosin-content thereof free to change the shape of the bag when the latter is placed on one of its broad sides, placing the bag on one of



its sides to substantially eliminate deformations in the bag and thereby minimize the tendency of the rosin to be absorbed by the bag and to be broken during handling, and cooling and solidifying the rosin-content of the bag.

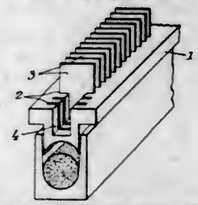
2,127,403
TIE PLATE
Herman A. Grosser, Summerville, Pa.
Application September 21, 1936, Serial No. 101,852
1 Claim. (Cl. 238—288)



In a tie plate of the kind described, a pair of plate-like members, each having an outer wide end and a reduced relatively narrow inner end, one of the inner ends being upwardly struck to have a portion thereof superposed to the other inner end and in overlapping relation thereto with the outer ends of said members lying in the same plane with each other, interfitting teeth formed on the inner ends of said members at the faces confronting each other for adjustably latching the members one with the other, upstanding flanges bent from the outer ends at the end edges thereof, track clamps superimposed upon the outer ends of said members for abutment with the said flanges and secured to said outer ends for clamping traction rails at the outer sides thereof when seated upon the outer ends of said members, and series of spikes passed through the said members and engaging a bed between the location of the rails and the overlapped inner ends of said members, certain of the fasteners being engaged with the rails at the inner sides thereof and the remaining fasteners securing the members interlocked with each other and to the bed.

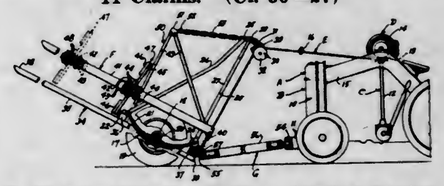
2,127,404
PROCESS AND APPARATUS FOR THE MANUFACTURE OF PATTERNED ARTICLES
Kurt Gullich, Marienberg, Germany, assignor to Bisonit G. m. b. H., Marienberg, Germany
Application May 15, 1935, Serial No. 21,662
In Germany April 23, 1934
4 Claims. (Cl. 18—42)

4. Apparatus for simultaneously preforming a plurality of moldable objects from a mass of molding powders, which comprises, in combination, a channel shaped mold, a movable plunger for said mold including a central portion, provided with a profiled bottom, adapted to be introduced into the top portion of the mold and edge portions adapted to engage the top edges of the mold and to limit the inward movement of the central portion of the plunger, movable means for supporting the plunger in predetermined retracted position in said mold, a plurality of spaced slots in said plunger transverse to the longitudinal axis of the latter, a plurality of movable knives whose leading edges are profiled to substantially the cross-section of the mold, which



knives are adapted to be reciprocated through said slots to and away from the bottom of said mold and which, when moved into the mold, divide the space therein into a plurality of separate compartments, and means for independently applying pressure to said knives.

2,127,405
TRACTOR SWEEP RAKE
Howard E. Hall, Eagle, Idaho
Application November 2, 1937, Serial No. 172,481
11 Claims. (Cl. 56—27)



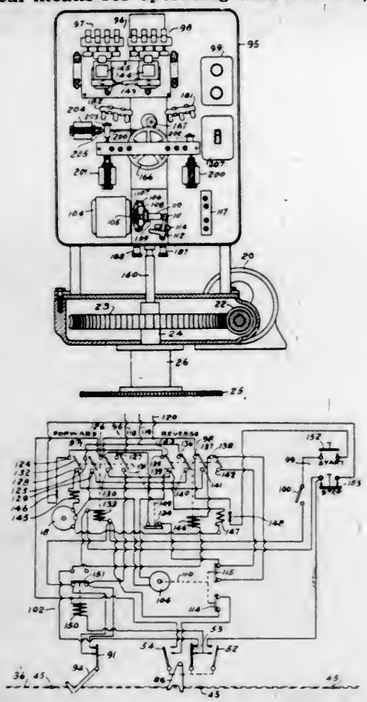
1. The combination with a tractor having a cable-winding drum, of a sweep rake forwardly of the tractor and comprising a frame provided with a forward rake portion and a rearward head portion, a bar pivotally connecting the tractor and the head portion, a support for the frame comprising an axle transversely of the frame, ground wheels on the axle, and suspension means fixed to and extending forwardly of the axle, said frame at its head portion being pivotally secured to the suspension means forwardly of the axle, a pulley carried by the frame support above the head portion, and a cable wound upon the drum and having an end portion trained about the pulley and secured to the head portion.

2,127,406
REVERSING MOVEMENT FOR PLATING MACHINES
Albert H. Hannon, Springfield, Ohio
Application March 5, 1935, Serial No. 9,461
24 Claims. (Cl. 204—5)

1. In an electro-processing machine, an electro-processing tank arranged to receive work-pieces, a work-conveying chain associated therewith for supporting work-pieces in said tank to convey them therethrough, a reversible motor to drive said chain, means for alternately reversing the direction of rotation of said motor for unequal periods and adapted to drive said chain alternately to and fro by unequal amounts in opposite directions with a resultant advance in one direction, and means for delaying the reverse energization of said motor until said motor has ceased rotation.

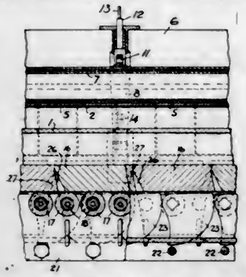
24. In an electro-processing machine, an endless work-conveying chain having means associated therewith for supporting work-pieces, a

tank arranged to receive said work-pieces, a motor for driving said chain, reversing means for reversing the direction of motion of said chain, electrical means for operating said reverser, and



a movable current distributor arranged to distribute current alternately to operate said reverser to move said chain for longer periods in one direction than in the other direction.

2,127,407
APPARATUS FOR CASTING METAL
Frank William Harbord and Vernon Harbord, London, England
Application September 24, 1936, Serial No. 102,435
In Great Britain October 9, 1935
10 Claims. (Cl. 22—57.3)



1. An apparatus for casting metal comprising a frame, at least one mould element carried by said frame, at least one counter mould element, said mould elements and counter mould elements being shaped and arranged to form a piece of a mould having a substantially cylindrical cavity of any cross-section when abutting against each other on a longitudinal surface, means for moving the said counter mould elements in an axial direction relative to the said mould elements, counter support means arranged at the rear of the counter mould elements, resilient means supporting against the said counter mould elements on the one hand and against the said counter support means on the other hand so as to press the counter mould elements against the mould elements, and connecting members flexibly connected at their upper ends to said counter support means and arranged to straddle the mould elements on both sides of the mould cavity for transferring without substantially bending stress the force exerted by the said resilient means from said counter support means to said mould elements.

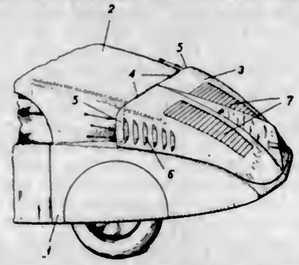
2,127,408
TRANSMISSION LINE TERMINATION
Ira J. Kaar, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Application September 13, 1935, Serial No. 40,435
5 Claims. (Cl. 178—44)



1. In a system for matching the impedance of a concentric transmission line to the impedance of a load connected thereto, said load impedance being different from the impedance of said line, the combination with said line of a portion thereof adjacent to said load comprising a plurality of sections, one of said sections being proportioned to offer series inductance per unit of length greater than the series inductance per unit of length of the line and another of said sections being proportioned to offer shunt capacity per unit of length greater than the shunt capacity per unit of length of said line, said different sections being so proportioned relative to each other that the impedance looking into said portion from either end thereof matches the impedance looking in the opposite direction from the same end.

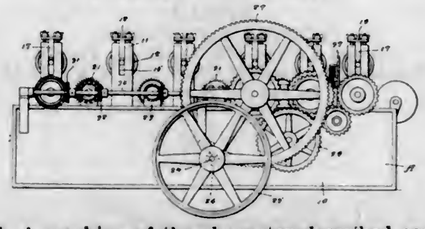
2,127,409
BODY FOR REAR ENGINE MOTOR VEHICLES
Miloš Klavík, Koprivnice, Czechoslovakia
Application February 4, 1938, Serial No. 188,788
In Czechoslovakia February 6, 1937
3 Claims. (Cl. 180—54)

1. A body for a motor vehicle having the engine arranged at the rear, comprising a lower part the side walls of which converge only slightly towards the front and rear ends, an upper part having at its rear a downwardly sloping roof part and side walls which in the region of said downwardly sloping roof part converge more rapidly than the side walls of said lower part, and an engine cover forming in side profile a continuation of said downwardly sloping roof part and having side walls forming an upward continuation of the side walls of said lower body part,



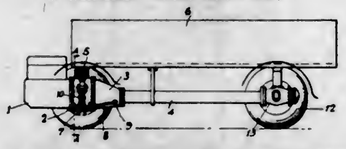
the forwardly facing openings thereby formed at each side at the front of the engine cover serving as inlet openings for engine-cooling air.

2,127,410
ROVING MACHINE
William Knowles, North Andover, Mass.
Application November 19, 1937, Serial No. 175,529
5 Claims. (Cl. 19—130)



1. A machine of the character described comprising a frame having spaced upstanding bearing columns, upper and lower drawing rollers arranged in said columns, comb rollers journaled in said frame between certain of the lower drawing rollers, means for driving the lower drawing rollers at varying speeds with respect to each other increasing in sequence from one end of the frame to the other, a vertical rack built in the frame at a point between adjacent lower drawing rollers located next to one end of the frame and arranged crosswise of the latter, and a series of twisters operatively fitted in said rack.

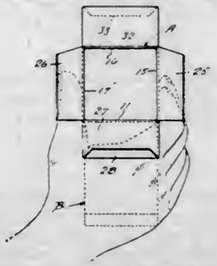
2,127,411
MOTOR VEHICLE
Hans Ledwinka, Morava, Czechoslovakia
Application December 8, 1936, Serial No. 114,850
In Czechoslovakia December 24, 1935
4 Claims. (Cl. 180—55)



1. In a motor vehicle, a body, front and rear wheels, a sectional longitudinally disposed chassis member, including a ring-like section, other sections detachably secured to said ring-like section at its respective ends, an overlying transverse spring secured to said ring-like section and to said body, wheel spindle units connected to the ends of said spring, links between said spindle units and said ring-like section, and struts connected to said spindle units and detachably connected to an adjacent one of said other sections,

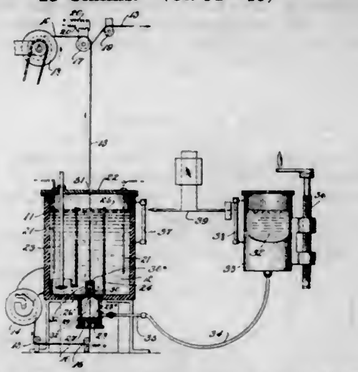
in virtue of all of which such section adjacent the ring-like section can be removed without disturbing the ring-like section, and connections between the body and the front and rear wheels.

2,127,412
ILLUSION PRODUCING DEVICE
Walter I. Le Fevre, Cleveland Heights, Ohio
Application December 4, 1937, Serial No. 178,144
5 Claims. (Cl. 46—11)



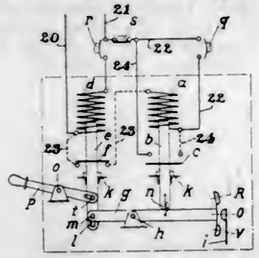
5. An illusion producing device comprising a carton having end closures, and an incomplete side wall, a receptacle hinged to and movable into and out of said carton and having a wall adapted to complete said incomplete side wall in one position of said receptacle, the end closure for the end opposite that which receives said receptacle being attached to the same wall as said receptacle whereby to overlie a portion of the hand which conceals the receptacle to assist in concealing the same when the device is held loosely in the hand.

2,127,413
METHOD AND APPARATUS FOR COATING STRIP MATERIAL
Charles W. Leguillon, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application November 5, 1934, Serial No. 751,494
18 Claims. (Cl. 91—46)



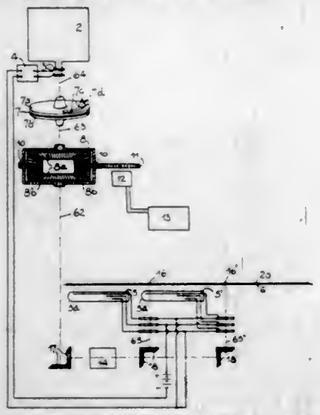
16. A method of coating strip material with a coagulable liquid dispersion, which comprises providing a body of the dispersion having a free liquid surface, passing the strip material through a body of a non-coagulable liquid which is miscible with the dispersion, then through an orifice directly from the non-coagulable liquid into the dispersion at a position below the free liquid surface thereof, and withdrawing the strip material through the free liquid surface of the dispersion, without frictional contact of the strip material with any solid within the dispersion.

2,127,414
REMOTE CONTROLLED ELECTRICAL REVERSING SWITCH
Wilhelm Lohsse, Gladbach-Rheydt, Germany
Application July 9, 1935, Serial No. 30,550
In Germany July 12, 1934
5 Claims. (Cl. 175—375)



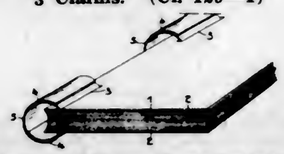
1. In combination a main unitary switching element movable to at least three positions of adjustment, control circuits, switch operating electro-magnets each including a winding and an armature, a mechanical connection between each armature and said switching element, the windings of said electro-magnets being interposed in said circuits, a plurality of independently selectable control devices in said circuits corresponding to the number of positions of said switching element for controlling the energization of said windings, a locking circuit for the winding of at least one of said electro-magnets, and means influenced incident to the energization of the coil of the other electro-magnet for opening said locking circuit.

2,127,415
APPARATUS AND PROCESS FOR DETERMINING THE POSITION OF A MOVING OBJECT
Jean Marique, Uccle, Belgium, assignor to Société Anonyme Internationale de Télégraphie sans Fils, Brussels, Belgium, a joint-stock company of Belgium
Application October 21, 1935, Serial No. 46,042
In Belgium January 24, 1935
3 Claims. (Cl. 250—11)



1. A position indicating system, comprising fixed wireless beacons spaced from one another and emitting successively in all directions radioelectric signals on the same wave length at a relatively rapid rhythm, a moving object, a direct-reading radiogoniometer on said moving object, comprising a single rotatable exploring system, a single amplifier tuned on the common wave length of said wireless beacons, means for applying to said single amplifier the current generated in said exploring system, as many indicating devices as there are wireless beacons of the kind above described comprised in the position indicating system, a luminous rotatable portion for each indicating device, means for applying to said luminous rotatable portions the difference of potential created at the output terminals of said amplifier in order to make the luminous indications dependent on the current generated in the exploring system, means for rotating said rotatable exploring system and luminous rotatable portions at the same speed, said speed being sufficiently high to give the impression of the persistence of the luminous indications, and a geographical map representing the geographical location of said fixed wireless beacons, carried by the moving object and on which the luminous indications appear, said rotatable luminous portions being disposed in such a manner that the impinging points of their axis of rotation in said map coincide with the typical points of said wireless beacons on this map.

2,127,416
LOOSE LEAF BINDING
André Lucien Martin, Paris, France
Application April 25, 1935, Serial No. 18,195
In France May 4, 1934
3 Claims. (Cl. 129—1)



3. A ring for binding loose leaves perforated with oblong slots, comprising two parts each having a width corresponding to the oblong slots in the leaves and having substantially the same circumferential development greater than the half circumferential development of the entire ring, one of the said parts being adapted to enter the other by a sliding movement parallel to the axis of the ring.

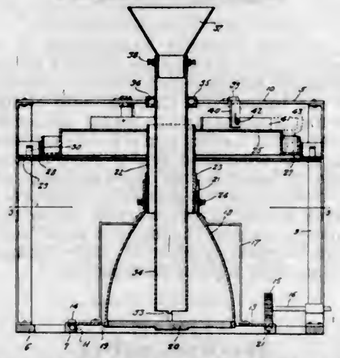
2,127,417
DEVICE FOR THE CONTROL OR MEASUREMENT OF THE FLOW OF THE CONTENTS FROM CARTONS OR CONTAINERS
Albert L. Nelsen, Fargo, N. Dak.
Application April 5, 1937, Serial No. 135,117
6 Claims. (Cl. 221—98)



1. A measuring dispenser adapted to be housed within a container adjacent to an end corner thereof comprising two walls, one of said walls being for attachment to a wall of the container and the other wall being upwardly and inwardly inclined to provide a receiving pocket, side flaps carried by the second wall, each of said side flaps being substantially in the form of a V with its apex outwardly disposed, each of said flaps extending entirely along its wall with the outer

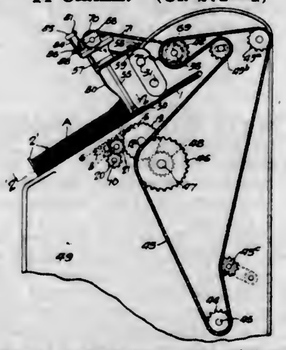
end of the flap terminating in a straight edge substantially at right angles to the wall, said side flaps being disposed toward the first wall and adapted for securement to adjacent walls of the container, the length of the straight edges of the flaps determining the width of the entrance to the pocket, and a strip bridging the space between the flaps at the upper portion thereof at points spaced from the first wall to provide a discharge spout.

2,127,418
AMALGAMATOR
John D. Niles, Elk City, Idaho
Application July 3, 1937, Serial No. 151,917
4 Claims. (Cl. 209—42)



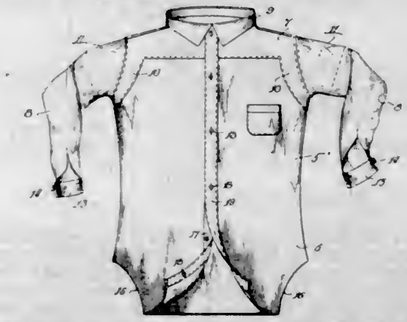
1. In an amalgamator, a rotatable carrier, a vessel adapted to contain mercury and having a discharge upstanding neck, a removable bottom for the vessel, means supporting the vessel in a suspended position from the carrier, a feed pipe leading to the vessel legs on the lower end of the pipe supporting the same on said bottom and maintaining the lower end of the pipe in concentrically spaced relation in said neck, and a horizontal rotatable plate arranged for receiving pulp discharged from the vessel.

2,127,419
SHEET SEPARATOR FOR ENVELOPE MACHINES
John L. Oberender, Kingsville, and William H. Blessing, Baltimore, Md., assignors to Oles Envelope Corporation, Baltimore, Md., a corporation of Maryland
Application May 25, 1937, Serial No. 144,718
14 Claims. (Cl. 271—1)



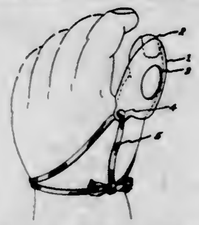
1. A sheet separator comprising rotatable members for supporting a stack of sheets thereon and having recesses for the passage therethrough of sheets separated from the bottom of the stack, means operative to initially separate a portion of the lowermost sheet between said members from the bottom of the stack, and a revoluble separator having a bevelled edge movable into position between said separated portion of the lowermost sheet and the bottom of the stack and operative to complete the separation of said portion of the lowermost sheet therefrom.

2,127,420
MAN'S SHIRT
Rosa Osborn, Bear Creek, Ala.
Application January 28, 1937, Serial No. 122,847
2 Claims. (Cl. 2—118)



1. A new article of manufacture in the form of a reversible shirt adapted to increase its wearing qualities, comprising a yoke having downwardly extending end portions completing the arm holes, sleeves sewed to the end extensions of the yoke, and a body portion shaped at its upper end to correspond with the lower edges of the yoke and its extensions to which it is sewed, said body portion forming the front and back of the shirt to include a skirt having the lower end thereof shaped to correspond exactly with the contour of the lower edges of the yoke and its extensions, to provide for reversing the entire body portion end for end in substituting the skirt for the upper part of said body portion.

2,127,421
THUMB GUARD
Harold S. Paul, deceased, late of Wyoming, Ohio, by Paul C. Rodgers, administrator, Cincinnati, Ohio, assignor to Josie P. Stacey, Cincinnati, Ohio
Original application October 27, 1930, Serial No. 491,381. Divided and this application July 23, 1936, Serial No. 92,182
2 Claims. (Cl. 128—133)



1. An anti-thumb sucking device comprising a thumb fitting piece integrally molded from sheet material having an aperture at its extremity through which the tip of the thumb may

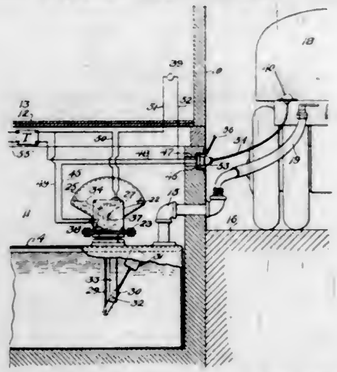
extend and an opening adjacent the knuckle through which the flexed thumb knuckle may protrude.

2,127,422

SIGNAL SYSTEM FOR STORAGE TANKS

Leo F. Phaneuf, New Bedford, Mass.

Application November 22, 1934, Serial No. 754,245
1 Claim. (Cl. 177—311)



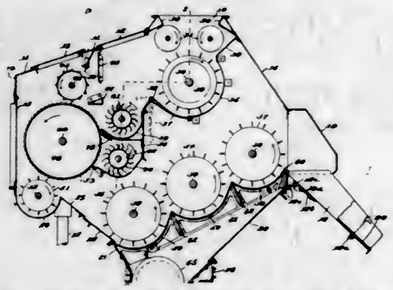
The combination with a liquid fuel consuming system within a building having a fuel supply reservoir equipped with provision for filling from the outside of the building, of an electric circuit portion having therein a switch equipped with operating means responsive to the fluid level in said reservoir and having a coupling terminal accessible from the building exterior, and a complemental circuit portion formed as a portable unit equipped with a signal and with a co-operative coupling terminal adapted to be applied at will to the first coupling terminal to complete the circuit subject to the closing of said switch and cause operation of said signal when a predetermined fluid level exists in said reservoir.

2,127,423

EXTRACTOR FEEDER

Hugh Roberts, Jr., Gastonia, N. C., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga., a corporation of Georgia

Application October 14, 1936, Serial No. 105,599
8 Claims. (Cl. 19—37)



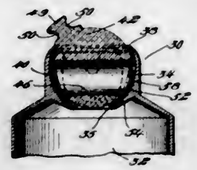
1. An extractor feeder comprising walls providing guiding means including at least one trough, said trough having an opening therein, a saw roller located adjacent the trough for extracting fiber from material in the trough, and a picker roller in the trough, said roller being sectionalized along its length, one section being opposite the opening and having metal vanes and another section having spikes or pins in a spiral arrangement.

2,127,424

NOZZLE CLOSURE MEANS FOR CONTAINERS AND WASHERS FOR USE THEREIN

Karl J. Rolle, Cranston, R. I., assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I., a corporation of Rhode Island

Application September 19, 1936, Serial No. 101,629
24 Claims. (Cl. 221—60)



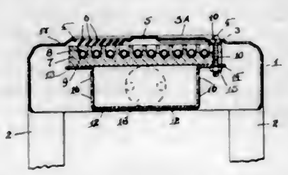
1. A packing member comprising a flexible compressible layer having an annular center portion having an annular recess on a surface thereof near the inner edge thereof, said center portion having a plurality of leaves projecting radially therefrom having convex side walls capable of being bent with said center portion and with the edges of said leaves substantially abutting without overlap into a partially spherical shape, said leaves having a plurality of concentric circular grooves therein throughout a surface thereof and an annular washer of more compressible material secured within said recess.

2,127,425

ELECTRIC STOVE

Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.

Application February 19, 1935, Serial No. 7,238
10 Claims. (Cl. 219—37)



10. In an electric stove, a plate comprising a grid area bounded by a ridge of substantially circular contour, said grid area being provided with substantially radially disposed supporting ridges dividing said grid area into sectors, a plurality of arcuate louvers formed in said sectors and being substantially parallel with said circular boundary ridge, and an electrical heating unit supported on the under side of said grid area and adapted to radiate heat upon said grid area.

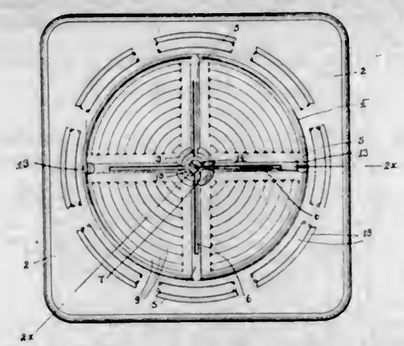
2,127,426

STOVE PLATE WITH REINFORCED EXPANSIBLE SECTORS

Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.

Application January 25, 1937, Serial No. 122,121
9 Claims. (Cl. 126—214)

3. A supporting plate for burners or stoves comprising an integrally formed sheet metal plate having an opening in the middle thereof and openings extending from said first mentioned opening partially across the plate so as to divide said plate into permanently connected sections and provide for the expansion of part of said sections toward each other and said first mentioned opening, and combined stiffening and supporting ribs struck up from said plate so as to



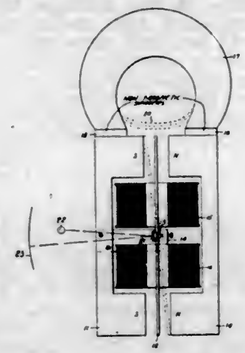
substantially surround the separated and fixed portions of each of said sections of said plate.

2,127,427

PERMANENT MAGNET GALVANOMETER

Marvel W. Scheldorf, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application July 31, 1937, Serial No. 156,732
4 Claims. (Cl. 171—95)



1. A galvanometer comprising, a magnetic circuit excited by a permanent magnet and having pole pieces defining an air gap, a magnetic vane armature movably supported in said gap, means for resiliently biasing said armature to a neutral position of maximum reluctance in the flux path across said air gap, and an exciting winding which, when energized, polarizes said armature causing it to turn against its bias to a lower reluctance position, said magnetic circuit containing an additional appreciable and intentional air gap for the purpose of minimizing the permanent magnet flux change in said magnetic circuit which is due to the movement of said armature to a lower reluctance position.

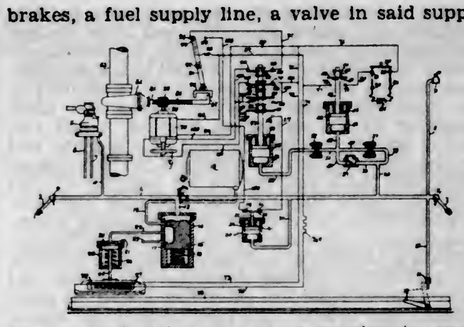
2,127,428

RAILWAY BRAKE MECHANISM

Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio, a corporation of Ohio

Application February 24, 1937, Serial No. 127,350
21 Claims. (Cl. 192—3)

1. In a railway vehicle, electromagnetic track brakes, a fuel supply line, a valve in said supply



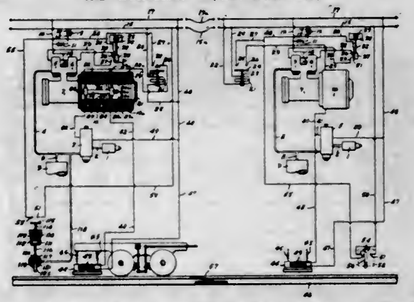
line, and electrical means responsive to energization of said track brakes to close said valve.

2,127,429

BRAKING

Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio, a corporation of Ohio

Application March 1, 1937, Serial No. 128,381
24 Claims. (Cl. 303—3)



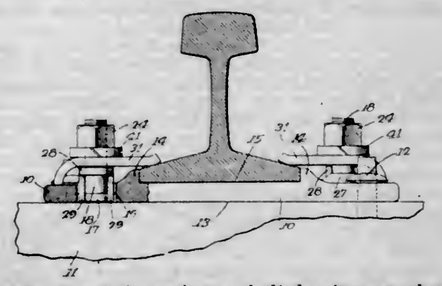
1. In a railway vehicle having wheel brakes and track brakes, common means for first applying said wheel brakes and then applying said track brakes at predetermined intensity, and means for progressively diminishing the intensity of wheel brake application and for simultaneously increasing the intensity of track brake application at rates proportional to the rate of change in speed of the vehicle during deceleration thereof.

2,127,430

RAIL FASTENING

Richard T. Scholes, Hinsdale, Ill.

Application February 17, 1937, Serial No. 126,126
6 Claims. (Cl. 238—338)



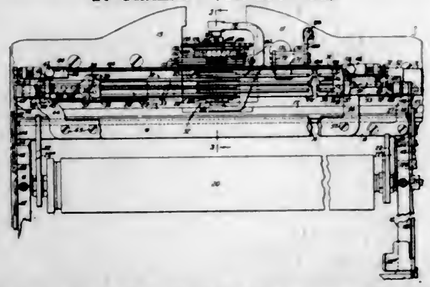
1. In a rail fastening, a bolt having an elongated head, a tie plate having a bottom surface adapted to engage a tie and having an upper surface adapted to support the rail, said plate

having an elongated opening extending entirely through it to admit the bolt head from the top and oppositely countersunk from the bottom to permit the bolt head to be rotated in the countersunk portion about one-quarter of a turn only to an unwithdrawable position within the plate crosswise to the elongated opening, a rail clip having spaced portions bearing on the plate and on the rail and an intermediate portion spaced above the plate and having an opening aligned with the plate opening and receiving the bolt, locking means in the plate opening having a portion adjacent to a side of the bolt head and cooperating therewith and with the plate opening for preventing reverse rotation of the bolt and having another portion extending above the plate opening and beneath the intermediate portion of the clip, and a nut on the bolt holding the clip and locking means on the plate.

2,127,431
TYPEWRITING AND LIKE MACHINE

Frederick W. Schremp, Elmira, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application May 6, 1937, Serial No. 141,038
17 Claims. (Cl. 197—84)



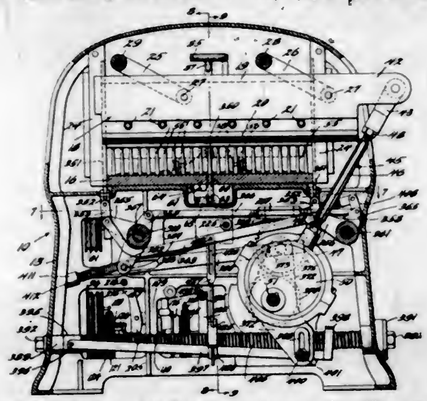
1. In a typewriting or like machine, the combination of a carriage, escapement mechanism therefor including an escapement wheel, intermediate driving connections between the carriage and said escapement wheel and through which the escapement wheel is turned, said connections including an expansible and contractible driving drum, and a driving member that surrounds said drum, the expansion and contraction of the drum affording a change in the ratio of the movements of the carriage relatively to the escapement wheel.

2,127,432
PAPER CUTTING MACHINE

Frederick W. Seybold, Westfield, N. J., assignor to American Type Founders Incorporated, Elizabeth, N. J., a corporation of New Jersey

Application November 7, 1936, Serial No. 109,795
46 Claims. (Cl. 164—54)

45. In a device of the class described, in combination, a work table, a clamp for applying pressure to said work during operation thereon, operating means for said clamp for bringing it into contact with said work and applying pressure thereto, comprising a driving gear having a relatively fixed axis, a driven gear meshing with said driving gear, an axle for said driven gear, a lever carrying said axle at one end and supported intermediate its length for pivotal movement about the axis of said driving gear, a spring element applied to the opposite end of said lever for increasingly resiliently resisting pivotal movement of said lever, a crank pin carried by said driven gear, a connecting rod between said clamp and said crank pin, means for rotating said driving gear, said driven gear, and said crank pin to bring said clamp into contact with the work, further rotation of said parts causing said driven gear to planet around said driving gear against the increasing resistance of said spring element,



thus applying resilient pressure to the work through said lever, the ultimate degree of pressure applied to the work thus being proportional to the travel of said driven gear and consequently to the thickness of the work.

2,127,433
GAME APPARATUS

Matthew M. Sky, Chicago, Ill.

Application March 8, 1937, Serial No. 129,696
1 Claim. (Cl. 273—96)

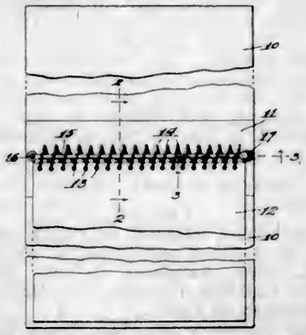


In a game apparatus, a ring-receiving stick having a handle portion at one end, and a cross-member between the stick and the handle portion, said cross member extending in a substantially-vertical course, the lower portion being relatively-short and the upper one elongated to check a climbing ring from landing on the player's arm.

2,127,434
SPIRAL BINDER

Gertrude L. Smith, Los Angeles, Calif.

Application July 8, 1935, Serial No. 30,298
1 Claim. (Cl. 281—19)

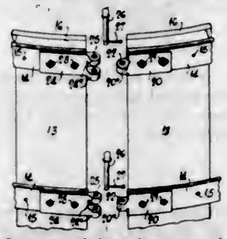


In a binder, the combination with a holder, of a helical sheet engaging member, a rod extending lengthwise through said helical member, one end of which rod is permanently secured to the holder, a socket formed on the other end of said rod and a stud seated in the holder for engaging in the socket on the end of said rod whereby one end of said rod is detachably connected to the holder.

2,127,435
HOGSHEAD AND METHOD OF USING SAME

Early L. Snow and Earnest L. Barkley, Jr., Winston-Salem, N. C.

Application April 5, 1937, Serial No. 134,942
1 Claim. (Cl. 217—72)

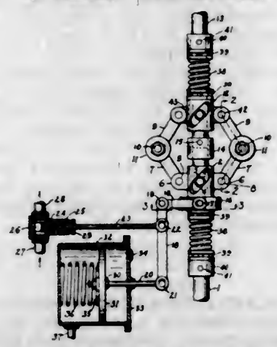


A hogshead comprising two semi-circular sections having semi-circular hoops secured on their exteriors, the ends of said hoops having a pair of projections on one end and a central single projection on their other ends adapted to fit between a pair of projections on an adjacent end of a complementary hoop section, pins disposed in said projections to hold the hogshead in closed position, each end of each semi-circular section having a strip secured on the inside surface thereof near their ends, and a unitary head member disposed on the inside of each of said strips, either of said heads being removable by removing the pins from the proximate semi-circular hoop members.

2,127,436
ROTARY VALVE AND INTERNAL COMBUSTION ENGINE CONSTRUCTION

Aulden D. Snyder, Cleveland, Ohio, assignor of one-third to William J. Wesseler, Cleveland, Ohio

Application June 28, 1935, Serial No. 28,896
9 Claims. (Cl. 123—99)

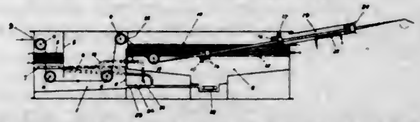


1. In an internal combustion engine, means for automatic control of the valve and ignition timing in relation to combined engine speed and load characteristics, consisting of interconnected means for driving the valve and ignition timing mechanism, such means embodying a torque balanced and equalized element responsive to rotational speed of said driving means, and a pressure balanced and equalized element responsive to pressure in the intake manifold, said respective means interacting to produce a resultant control factor of said apparatus based on speed and load characteristics.

2,127,437
DEGREASING METAL STRIP

Samuel Barnes Spencer and John Charles Dutton, Runcorn, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

Application January 12, 1937, Serial No. 120,319
In Great Britain January 16, 1936
13 Claims. (Cl. 87—6)

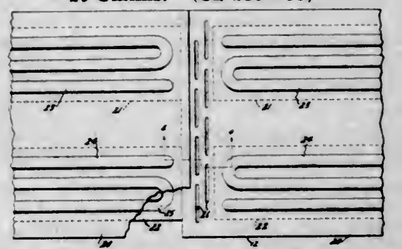


1. A method of degreasing metal strip which comprises orienting said strip so as to dispose one of the longitudinal edges thereof substantially vertically above the other longitudinal edge thereof, and passing the thus oriented strip through a zone of solvent vapor.

2,127,438
AIR COOLED CONDENSER

Christian Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application January 18, 1936, Serial No. 59,755
10 Claims. (Cl. 257—36)



4. An air cooled condenser for a refrigerating machine comprising a supporting member, an annulus of fins extending about said supporting member, and a tubular sheet metal member having a condensing chamber therein and positioned on said fins so as to constitute an annulus, said tubular member including complementary inner and outer tubular portions of sheet metal having an extended refrigerant passage formed therebetween, and means for hermetically securing said portions of sheet metal together, at least one of said portions of sheet metal having a transverse slot formed therein to provide a limited and localized increase in the circumferential length of said tubular member due to the internal stretching forces to which it is subjected.

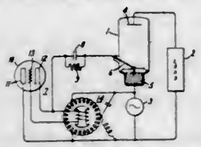
2,127,439
ELECTRIC VALVE CIRCUITS

Chauncey G. Suits, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application October 17, 1935, Serial No. 45,513
16 Claims. (Cl. 175—363)

1. In combination, an electric valve comprising at least two principal electrodes and a control member associated with one of said princi-

pal electrodes for rendering said electric valve conductive, a source of potential, a capacitance connected in series relation with said control member and said source, means comprising an electric valve for transmitting a relatively large



transient electrical impulse from said source through said control member and said capacitance to render conductive said first mentioned electric valve, and a discharge circuit connected in parallel with said capacitance.

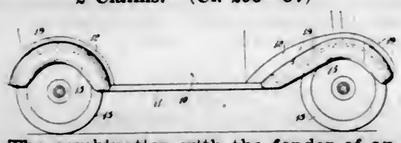
2,127,440

LATERAL FENDER BEAM FOR AUTOMOBILES

Leo Weiselberg, New York, N. Y.

Application March 26, 1937, Serial No. 133,248

2 Claims. (Cl. 293—57)



1. The combination with the fender of an automobile in which the outer edge of the fender terminates in proximity of the upper side of the automobile wheel, of a lateral spring steel beam longitudinally and transversely curved coincident to corresponding curvatures of the fender and of a width to extend downwardly below the upper side of the automobile wheel to present a symmetrical continuation of the fender and with its upper edge overlapping the upper side of the fender at the outer edge thereof, each fender beam terminating at one end at the adjacent end of the running board of the automobile and the other end terminating adjacent the end of the associated fender and substantially laterally thereof, upwardly arched resilient bracket arms overlying the wheels of the automobile, each bracket arm having one end secured to a chassis bar of the automobile and the other end secured to the inner side of the lateral fender beam adjacent its lower edge and completely hidden from view whereby the fender and bracket arm may vibrate relatively to each other and remain out of contact and cushion buffers carried by the inner faces of the lateral fender beam above the points of connection of the bracket arms therewith and adjacent the upper edge for spacing the lateral fender beam from the fender to prevent marring of the fender, the bracket arms, each including an upwardly arched strap iron, an outwardly directed angle foot secured to each end of the strap iron at opposite sides thereof with the pair of feet at each end of the bracket arm respectively secured to the chassis bar and lateral fender beam.

2,127,441

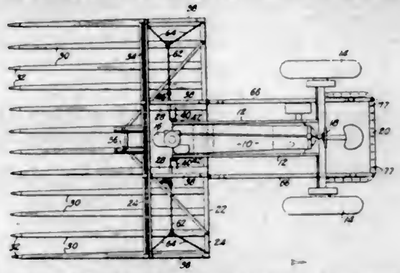
SWEEP RAKE

Otho A. Clark, Atherton, Mo., assignor of one-third to O. D. Hughes, Independence, Mo.

Application December 14, 1936, Serial No. 115,755

7 Claims. (Cl. 56—27)

1. The combination with a tractor having a frame and a front guide wheel, of a sweep rake comprising a frame having a series of forwardly projecting teeth and adapted to be supported adjacent its rear portion to said tractor frame with said front guide wheel positioned forwardly of



the rear ends of said rake teeth; and means behind said guide wheel interconnecting said sweep rake and tractor frame to propel said sweep rake as said tractor is moved.

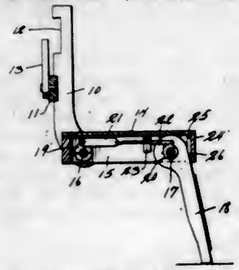
2,127,442

FOLDING HOSPITAL STOOL

Morton T. Dowdy, Bakersfield, Calif.

Application March 16, 1937, Serial No. 131,226

3 Claims. (Cl. 155—78)



1. A stool attachment for beds, including vertically disposed connected supporting members constituting the back of the stool and having means whereby they may be clamped upon a bed rail, a seat, a shaft extending loosely through and rotatable in the rear end of the seat and at its ends rigidly engaged with the vertical supporting members, a rotatable second shaft rotatably mounted in the forward end of the seat, a pair of legs rigidly engaged with the second shaft, a connecting rod disposed beneath the seat and extending over the two shafts, means on the first named shaft engaging the connecting rod to shift it rearward as the seat is turned from a vertical into a horizontal position, and means operatively connecting the connecting rod with the second named shaft to cause the rotation of the second named shaft as the seat is turned to a horizontal position in such direction as to carry the legs into an approximately vertical position.

2,127,443

COILABLE MEASURING RULE

Albert Stanley Duncan and Austin L. Stowell, New Britain, Conn., assignors to The Stanley Works, New Britain, Conn., a corporation of Connecticut

Application December 11, 1935, Serial No. 53,927

12 Claims. (Cl. 33—137)

1. In a rule of the character described, a resilient measuring tape having a transverse curvature and an inherent tendency to assume a rectilinear state, a casing within which said tape is adapted to be wound and having a single entrance slot through which said tape is moved, an extension mounted on said tape and having a resilient member adapted to be coiled with said tape within the casing and adapted to be withdrawn from said casing through said slot, a slidable connection between the forward end of the extension and the tape whereby said extension may be drawn rearwardly of said casing, and cooperative locking means carried by said casing and said extension intermediate of its ends for removably locking said extension when in rearward position.



12. In a rule of the character described, a measuring tape having a transverse curvature and an inherent tendency to assume a rectilinear state, a clip slidably mounted on the tape, and spaced ears on said clip respectively overlying opposite edges of the tape and disposed longitudinally of the tape, said ears being adapted to removably secure another portion of the tape angularly to and in slidable transverse frictional contact with the transversely curved tape portion initially mounted with said clip.

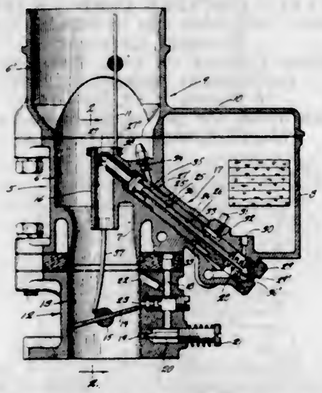
2,127,444

CARBURETOR

John R. Emerson, Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application May 23, 1934, Serial No. 727,035

13 Claims. (Cl. 261—75)



1. In a down-draft carburetor for supplying fuel to an internal combustion engine, a body member providing an air intake passage having a venturi therein, a tubular member extending axially of and discharging into said venturi, a main fuel supply nozzle discharging into said tubular member, a throttle valve controlling the flow of combustible mixture from the carburetor, said main nozzle being inoperative when said throttle valve is substantially closed for idling the engine, an idling fuel supply system having a jet discharging into the carburetor at a point beyond the throttle valve to supply fuel to the engine when the throttle is substantially closed for idling the engine, and means for conducting the discharge from the main nozzle to the throttle valve when the main nozzle is functioning under low suction.

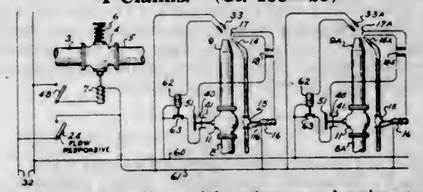
2,127,445

CONTROL MECHANISM FOR FURNACES

Ralph M. Hardgrove, Westfield, N. J., assignor to Bailey Meter Company, a corporation of Delaware

Application March 12, 1935, Serial No. 10,667

4 Claims. (Cl. 158—28)



1. In combination with a furnace having a plurality of burners, a conduit for supplying fuel to all of said burners, a main valve in said conduit, means responsive to the flow of air through said furnace, means controlled by said first named means for opening said main valve when a predetermined or greater rate of air flow exists through said furnace and closing said valve when the rate of air flow falls below said predetermined rate, an individual burner valve for admitting fuel to each of said burners, fuel igniting means associated with each of said burners, and means under the joint control of said first named means and each flame responsive device to insure that the corresponding igniting means will be operated in the absence of flame from the corresponding burner and rendered inoperative in the presence of flame from the corresponding burner.

2,127,446

PROCESS FOR THE MANUFACTURE OF VITAMIN B_1

Max Klingenfuss, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application December 15, 1937, Serial No. 180,025. In Switzerland July 22, 1937

11 Claims. (Cl. 260—251)

1. Process for the manufacture of vitamin B_1 which comprises reacting 2-methyl-2-alkoxy-3-chloro-tetrahydrofurane with 2-methyl-4-amino-5-thioformylaminomethyl-pyrimidine.

2,127,447

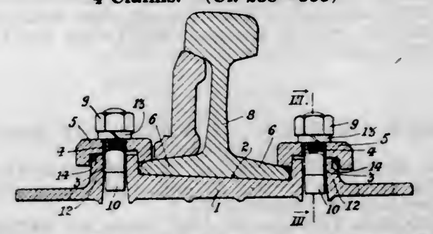
RAIL CHAIR OR BASE PLATE

Robert Walker MacBride, Seamill, West Kilbride, Scotland

Application February 2, 1937, Serial No. 123,584

In Great Britain February 8, 1936

4 Claims. (Cl. 238—338)



1. A railway-rail chair which comprises a base part; a rail-engaging clip formed with a bolt aperture for securing the rail on the base part; a bolt substantially of L-shape and uniform thickness for connecting the clip and the base part; a longitudinally extending inverted channel

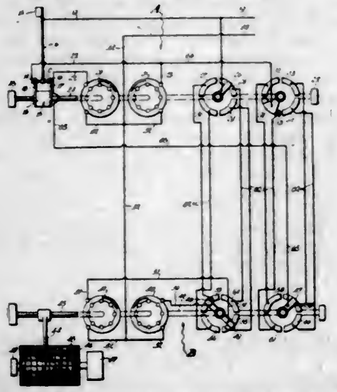
formation on the base part, the upstanding walls of which are spaced apart by substantially the thickness of the L-shaped bolt, and the top part of which is formed with a longitudinally elongated aperture wholly enclosed by the material of the channel formation and through which the head of said bolt may pass into the space between said upstanding walls; and a plug projecting from said clip alongside the bolt aperture therein, being adapted to enter the bolt aperture in the channel formation and in conjunction with the bolt substantially fill said latter bolt aperture.

2,127,448

ELECTRICAL REPRODUCING DEVICE

Curtis P. Mitchell, Springdale, Ohio, assignor to The Palmer Company, Cincinnati, Ohio, a corporation of Ohio

Application February 12, 1937, Serial No. 125,384
5 Claims. (Cl. 172—239)



5. A reversible motion transmitting and synchronizing apparatus comprising an electrically braked reversible motor driven shaft, a pole switch driven by said shaft, a pilot switch for energizing and de-energizing the motor, a second pole switch, said first mentioned pole switch and said second pole switch having their respective corresponding poles connected electrically, a receiving reversible motor driven shaft controlled by said second pole switch, and said pole switch including a control arm for each direction of motion, means driven by said receiving motor shaft and a switch controlling electrical circuit for maintaining said pole switches in synchronism, including switches driven by the respective motor shafts having their contacts electrically connected to the reversing contacts of the pilot switch but normally out of circuit, said synchronizing switches adapted to place the electrical brake in circuit for locking the first shaft when the receiving apparatus fails to function.

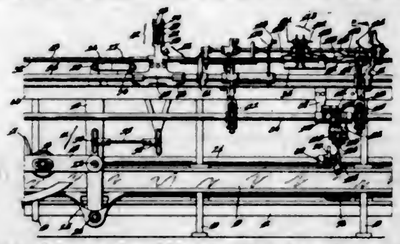
2,127,449

SHOCK ABSORBER EQUIPMENT FOR KNITTING MACHINES

Max Richter, West Reading, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania

Application February 24, 1937, Serial No. 127,364
15 Claims. (Cl. 66—130)

1. In a straight knitting machine, a carrier bar, a friction rod, a friction box, an auxiliary rod parallel to the carrier bar and the friction rod, elements spaced along the auxiliary rod carried thereby, a member on the friction box, means for longitudinally reciprocating the friction rod at any of a selection of speeds and the auxiliary rod simultaneously in the same directions at a proportionately lesser speed, pattern responsive means for moving said member relative to the friction box at a location between said elements selectively between a position in the path of movement of said elements and a position out of said path whereby when said member is in said first position it is adapted to engage one of said elements for retardation thereby to



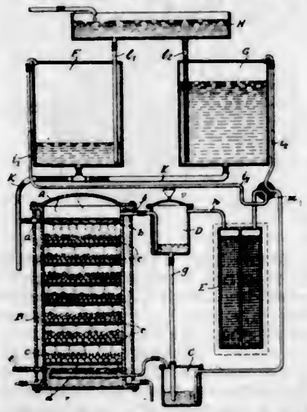
reduce the speed of the friction box for part of its stroke to the speed of said auxiliary rod and when said member is in said second position it will avoid engaging said elements and the speed of the friction box will be maintained throughout its stroke, and pattern means controlling said pattern responsive means to move said member to said first position at a predetermined high speed of the friction rod and to said second position at a predetermined low speed of the friction rod.

2,127,450

PROCESS FOR PREPARING WATER FOR INDUSTRIAL PURPOSES OF ALL KINDS, ESPECIALLY BOILER FEED WATER

Albert Schneider and Friedrich Gaisser, Stuttgart, Germany

Application January 22, 1934, Serial No. 707,814
In Germany January 21, 1933
10 Claims. (Cl. 210—16)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. A process for preparing water for industrial purposes, consisting in passing the water fluid in finely divided state through a suitably heated apparatus, introducing a constant flow of neutral gaseous fluid in finely divided condition into the apparatus in counter-flow to the water, and adding at the beginning of the process ammonia to at least one of the two fluids before entering the apparatus to attain the precipitation of the Ca and Mg hardness formers as insoluble carbonates, at the same time expelling from the water the carbon dioxide, the added ammonia and newly formed ammonium carbonate in the form of gases, and adding these gases to at least one of the said two fluids for continuing the dehardening process.

2,127,451

HARDENING AND WATERPROOFING COMPOSITION FOR CONCRETE OR MORTAR

Edward W. Scripture, Jr., Shaker Heights, Ohio, assignor to The Master Builders Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application January 17, 1936, Serial No. 59,603
13 Claims. (Cl. 106—27)

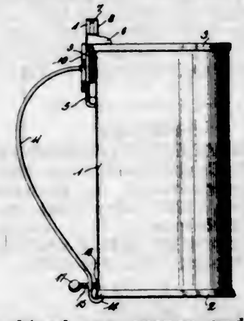
1. A mortar or concrete mix comprising hydraulic cement, aggregate, a finely divided non-hydraulic filling material, and finely divided waste sulphite liquor residue in such proportions that the waste sulphite liquor residue shall be present in the mix in the proportion of .05% to .3% by weight of the cement.

2,127,452

COMBINED CAN OPENER AND MUG HANDLE

John Lee Wilkinson, Washington, D. C.

Application July 20, 1936, Serial No. 91,596
5 Claims. (Cl. 30—15)



1. A combined can opener and mug handle comprising a body portion, a cutting blade carried thereby, a mug handle, and means adapted to be operated by movement of said mug handle to effect relative movement between a can to be opened and said blade, said mug handle being adapted, when the can is opened, to cooperate with the can to form a drinking mug.

2,127,453

PROCESS TO PREVENT THE OILING OFF OR LEAKAGE OF BUTTERFAT IN CHEESE

Harry L. Wilson, Chevy Chase, Md., and William T. Johnson, Jr., Arlington, Va.; dedicated to the free use of the People of the United States of America

No Drawing. Application July 3, 1937, Serial No. 151,914
3 Claims. (Cl. 99—116)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

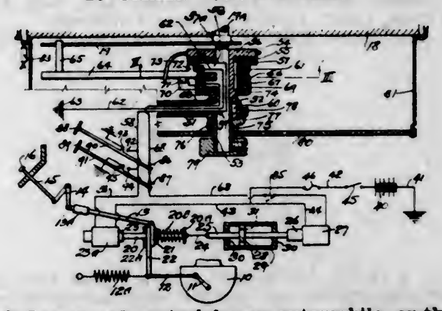
1. A new process for preventing the oiling off or leakage of butterfat in cheese, which comprises the combination of separating milk, heating the resulting cream to a temperature of substantially 145° F. which temperature gives the maximum emulsification of the fat in homogenization, homogenizing said cream at a pressure of substantially 1000 pounds, thereby insuring sufficient emulsification of the fat, and thence adding to the skim milk, which has been pasteurized and cooled to approximately 88° F., said pasteurized homogenized cream.

2,127,454

AUTOMATIC SPEED CONTROL FOR VEHICLES

George F. Wolfe and John I. Spencer, Memphis, Tenn.; said Spencer assignor to said Wolfe

Application September 8, 1936, Serial No. 99,700
10 Claims. (Cl. 175—355)



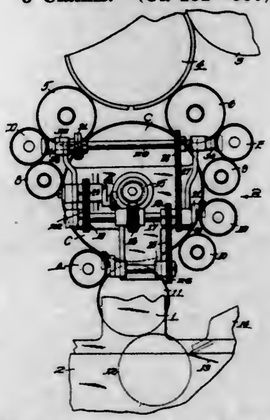
4. In a speed control for an automobile, or the like, having a fuel feed, a first and a second electrically responsive means operably connected to said fuel feed, and respectively adapted to increase and decrease such feed, a speed responsive mechanism, a normally closed switch, and a normally open switch spaced therefrom in the direction of advancement of said speed responsive mechanism, said switches being respectively and successively positioned and adapted to be opened and closed by advancement of said mechanism, a first circuit including said first electrically responsive means and said closed switch, a second circuit including said second electrically responsive means and said open switch and a source of electrical energy for both said circuits.

2,127,455

INK MOTION

Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia

Application August 3, 1934, Serial No. 738,203
Renewed May 7, 1936
8 Claims. (Cl. 101—350)



1. In an ink motion, the combination with the ink drum and a form roll, the form roll being lo-

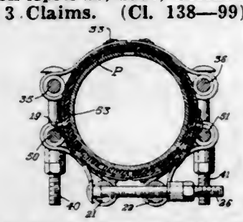
cated in contact with the ink drum to receive ink therefrom, of additional means for transferring ink from the ink drum to the form roll, means for vibrating the ink drum and part of the additional means, and means by which both vibrations can be adjusted independently of each other.

2,127,456

BROKEN PIPE CLAMP

Henry M. Adams, Los Angeles, Calif., assignor to Adams Brothers Incorporated, Ltd., Los Angeles, Calif., a corporation of California

Application April 20, 1937, Serial No. 137,974
3 Claims. (Cl. 138—99)



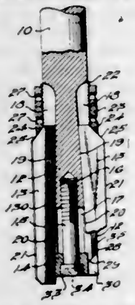
1. A clamp for broken or leaky pipe and the like comprising two opposed clamping members having some degree of flexibility, one member having a body the center portions of the sides of which are extended so as to largely encircle a pipe and the end portions of the sides of which are not so far extended, the other member having a body adapted to underlie the center portions of the sides of the first member and end portions arranged in opposition to the end portions of the sides of the first member, means for drawing the center portions of the sides of the first member together and means for drawing the end portions of the members which are opposed together.

2,127,457

REAMER

Rudolf W. Andreasson, Detroit, Mich.

Application October 4, 1937, Serial No. 167,112
4 Claims. (Cl. 77—75.5)



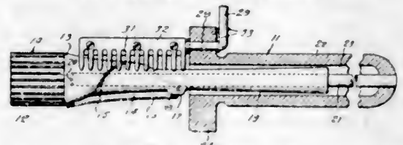
1. A reamer comprising, in combination, an upper shaft and a lower main body portion having its lower end beveled, the said main body portion being axially bored and counterbored at the bottom thereof and provided with a plurality of vertically disposed circumferentially spaced slots to accommodate a plurality of cutting blades, a cutting blade disposed in each of the said slots in the main body portion, means threaded on the upper end of the said main body portion adapted to retain the top of the said cutting blades in said slots in the main body portion when urged thereagainst, a blade locking nut adapted to telescopingly receive the lower ends of the said cutting blades and draw the lower beveled end of the said main body portion radially inward when urged thereagainst, and means threaded in said axial bore for urging the said locking nut axially upward whereby to cause the said lower slotted end of the said main body portion to grip the said cutting blades thereby securing the said cutting blades tightly in the said reamer.

2,127,458

PERMANENT WAVING PROCESS AND APPARATUS

Frederick K. Bezzenberger, Shaker Heights, Ohio, assignor to Adolf Kietz, Bellevue, Wash., and Phil D. Spaeth, Cincinnati, Ohio

Application December 3, 1936, Serial No. 114,037
21 Claims. (Cl. 132—33)



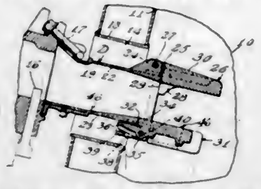
1. A curler rod having one end portion tapering toward the other end, a portion of the said tapered end portion being defined by a substantial surface of revolution, said surface terminating in a generally helical abutment defining the beginning of a surface generally concentric with said first surface but closer to the center of the rod, the other end portion of said rod being smaller than the first mentioned end portion and tapering toward said first end portion.

2,127,459

SECTIONAL FUEL DISTRIBUTOR

Washington T. Capps, Baltimore, Md., assignor, by mesne assignments, to Standard Stoker Company, Inc., (1922), New York, N. Y., a corporation of Delaware

Application April 10, 1935, Serial No. 15,517
1 Claim. (Cl. 110—101)



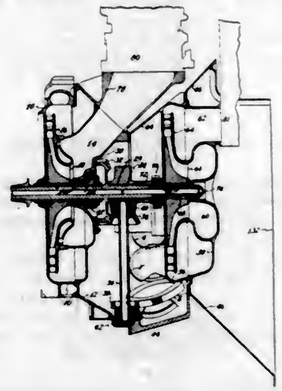
In combination with a furnace having an upright wall provided with an opening therein, a stoker for feeding fuel to said furnace comprsing a distributor member extending, from a point rearward of said upright wall, through said opening to a point within said furnace, said distributor member having a fuel supporting surface arranged to permit fuel to pass thereover for distribution over a fire and comprising a rear section and a front section separable from said rear section, said rear section having a ledge disposed forward of said upright wall and underlying said front section below the fuel supporting surface thereof, and a pair of spaced flanges depending from the under side of said rear section, a lug formed with the under side of said front section and having a rearward extension, said lug and extension fitting between said spaced flanges, and said extension underlying said rear section, and means beneath said ledge extending into said front and rear sections below their fuel supporting surfaces for restraining said sections against relative fore and aft movement.

2,127,460

ENGINE ACCESSORY DRIVE

Roland Chilton, Ridgewood, N. J., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York

Application January 23, 1936, Serial No. 60,380
7 Claims. (Cl. 123—195)



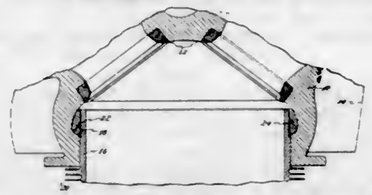
1. An accessory unit for an engine comprising a circumferential plurality of radial shafts, each having a gear meshed with the gear of its neighbor and defining a clear space within said gears and shafts, and a supercharger disposed within said space.

2,127,461

CYLINDER HEAD ATTACHMENT

Roland Chilton, Ridgewood, and Rudolph F. Gagg, Fair Lawn, N. J., assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York

Application March 17, 1936, Serial No. 69,290
4 Claims. (Cl. 285—55)



1. In a joint, an integral outer head member of material of low strength and fatigue resistance, said member having a cylindrical recess, an inner cylinder member engaging within said recess and extending therefrom, the recess having an annular groove, and a high strength and fatigue resistant ring in screw threaded engagement with said cylindrical member and engaging within said groove, whereby tensile stress between respective members is carried through said ring.

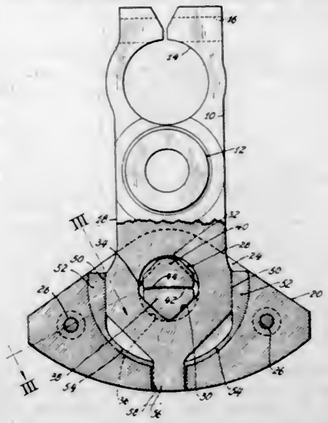
2,127,462

ROCKING DYNAMIC DAMPER

Roland Chilton, Ridgewood, N. J., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York

Application August 19, 1936, Serial No. 96,760
12 Claims. (Cl. 74—604)

1. A damper for a shaft having an arm extending therefrom, said arm having an opening, comprising a counterweight mass embracing said arm, said mass having a through opening approximately alined with said arm opening, and a pair of relatively convex abutting blocks extending through said openings, one of said pair being seated in the mass and having clearance relative to the arm, and the other of said pair



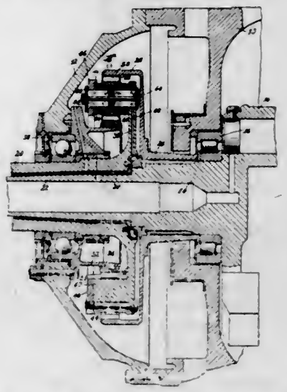
being seated in the arm and having clearance relative to the mass, said blocks serving as the sole means of restraining said mass against centrifugal displacement under shaft rotation and rendering said weight and shaft relatively movable due to contact shift across the relatively convex rocking faces of said blocks.

2,127,463

REDUCTION GEAR

Roland Chilton, Ridgewood, N. J., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York

Application March 26, 1937, Serial No. 133,153
9 Claims. (Cl. 74—305)



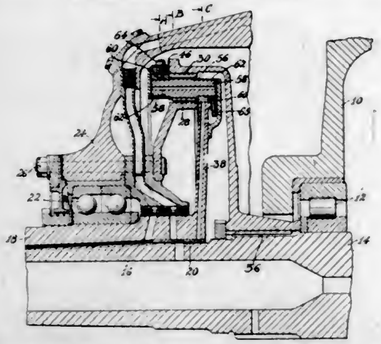
1. In a planet pinion carrier having side walls defining pinion pockets and provided with circumferentially spaced bores, pinion supporting pins engaging said bores, each pin comprising two flexible elements longitudinally separated from each other except near the center of their length, a sleeve supported by said pin and a planet pinion journalled on said sleeve.

2,127,464

PLANETARY REDUCTION GEAR

Roland Chilton, Ridgewood, N. J., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York

Application November 3, 1937, Serial No. 172,560
5 Claims. (Cl. 74—305)



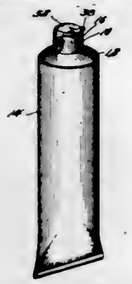
1. In a reduction gear, in combination, a sun gear, an annular gear, pinions having integral journals at either end, and meshed with said gears, bearing bushings for said journals, a planet carrier comprising a back plate and an annular member extending therefrom between said gears, the extended end being provided with a stiffening flange, said annulus being bored to provide pockets for said pinions and seats for said bushings.

2,127,465

NOZZLE CLOSURE MEANS FOR CONTAINERS

Albert H. Church, assignor to No-Kap Closures (U. S. A.)., Inc., Providence, R. I., a corporation of Rhode Island

Application November 6, 1934, Serial No. 751,734
19 Claims. (Cl. 221—60)



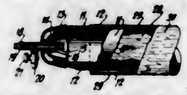
1. Nozzle closure means for a container, comprising a hollow pressure-shaped nozzle member having a side wall having a thickened portion having central dispensing hole means, a partially spherical lower valve seat portion on the inner surface thereof having recess means on the lower surface of said thickened portion, substantially concentric with said dispensing hole means, and an upper portion projecting upwardly from the upper edge of said lower valve seat portion, a substantially spherical closure valve member oscillatably mounted on said valve seat, and the upper portion of said nozzle member side wall being pressure-shaped downwardly over said rotatable valve member to form a hollow partially spherical upper valve seat portion having central dispensing hole means, said valve member also having a turning lug on the upper end thereof providing means to oscillate said valve an amount limited by said lug abutting the opposite edges of said dispensing hole means in said hollow pressure-shaped upper valve seat portion, said valve member also having a discharge vent of a size and located relative to the center thereof and said nozzle side wall and dispensing hole means thereof being of such size and shape that said discharge vent may be oscillated into alignment with the respective discharge hole means in the hollow ends of said nozzle valve seat, or said discharge vent may be oscillated to have the ends thereof closed by the nozzle side wall.

2,127,466

PROCESS AND APPARATUS FOR DRYING ARTICLES

Frank H. Reichel and Augustus Edward Craver, Fredericksburg, Va., assignors to Sylvania Industrial Corporation, Fredericksburg, Va., a corporation of Virginia

Application November 11, 1935, Serial No. 49,263
6 Claims. (Cl. 34—16)



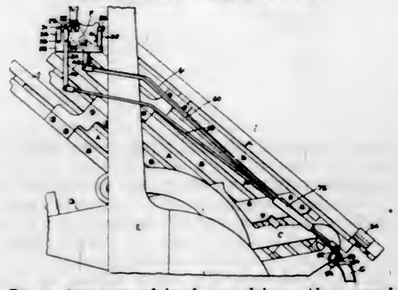
3. An expansible mandrel adapted to serve as a support for the drying of tubing formed of plastic material containing a solvent or swelling agent, said mandrel comprising, in combination, a core expansible and contractible transversely, a sheath surrounding said core and adapted to be transversely expanded to a predetermined diameter, means whereby expansion and contraction of the core and the sheath may be effected, and means for fastening the ends of the tubing to the mandrel to prevent substantial longitudinal shortening of the plastic tubing during drying.

2,127,467

MATRIX FONT DISTINGUISHER

Herman R. Freund, Brooklyn, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y., a corporation of New York

Application November 2, 1937, Serial No. 172,420
18 Claims. (Cl. 199—40)



1. In a typographical machine, the combination with a plurality of matrix face distinguishers and a matrix point distinguisher, of a font of matrices each provided with a plurality of notches in its bottom edge to cooperate with the respective face and point distinguishers.

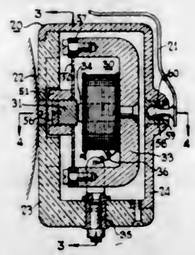
2,127,468

BONE CONDUCTION HEARING DEVICE

Emil Henry Greibach, Brooklyn, N. Y.

Application November 11, 1933, Serial No. 697,673
43 Claims. (Cl. 179—107)

41. In a portable audiphone, the combination of electromagnetic means adapted to respond to varying currents substantially throughout the audible frequency range, a relatively stiff vibrating member carrying the means and forming a narrow gap between the member and the means of fixed dimension subject to the vibration imparted to the member by the means and which is less in amplitude than the width of the said air gap, and means for supporting the member in operative connection with the bone-structure of the user.



2,127,469

STRIPPING PROCESS

Charles H. Hempel, Manitowoc, Wis., assignor to Heresite & Chemical Company, Manitowoc, Wis., a corporation of Wisconsin

No Drawing. Application June 24, 1937, Serial No. 150,213
4 Claims. (Cl. 87—5)

1. The method of removing a baked phenol-formaldehyde coating from a predominantly aluminum base which comprises subjecting the coated base to a bath consisting essentially of 10–40 percent by volume of nitric acid having a concentration of not less than 70%, and 90–60% by volume of concentrated sulfuric acid, while maintaining the temperature of the solution between 65° and 90° C. and continuing the treatment until the base is clean and bright.

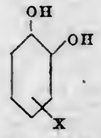
2,127,470

PRODUCTION OF METALLO POLYAZO DYES

Werner Lange, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application November 14, 1935, Serial No. 49,735. In Germany December 21, 1934
7 Claims. (Cl. 260—148)

1. The process which comprises coupling in the absence of free inorganic acids an ortho-dihydroxy compound of the benzene series of the general formula



wherein X means a member of the group consisting of H and OH with at least two diazotized mono amino compounds of the group consisting of strong amino bases of the benzene and naphthalene series, from which at least one contains a nitro group and a sulfonic acid radicle, and treating the dye formed with an oxidizing metal compound forming a metal complex compound with the dye.

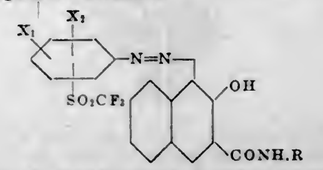
2,127,471

AZO DYESTUFFS INSOLUBLE IN WATER AND FIBER DYED THEREWITH

Fritz Müller, Willy Schumacher, and Otto Scherer, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application October 28, 1937, Serial No. 171,476. In Germany October 30, 1936
12 Claims. (Cl. 260—203)

1. The water-insoluble azo-dyestuffs of the following general formula:



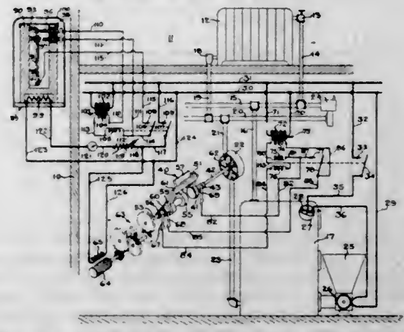
wherein X_1 stands for a member of the group consisting of hydrogen, halogen and alkoxy, X_2 for a member of the group consisting of hydrogen, halogen, methyl, alkoxy and alkylsulphonyl, and R means a member of the group consisting of radicals of the benzene and naphthalene series, yielding, when produced on the fiber, golden-yellow to ruby-red shades of good fastness properties, particularly of very good fastness to light.

2,127,472

TEMPERATURE CHANGING SYSTEM

Daniel G. Taylor, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application September 5, 1935, Serial No. 39,298
10 Claims. (Cl. 236—1)



3. In a steam heating system for a building, heat exchanger means, a boiler for supplying steam to the heat exchanger means, firing means for the boiler, and means for controlling said firing means including means responsive to outdoor atmospheric conditions including temperature, wind and solar radiation and means responsive to the amount of steam delivered to the heat exchanger means.

2,127,473

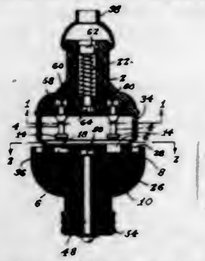
ELECTRIC CONNECTER

James Sacco, Everett, Mass.

Application February 20, 1934, Serial No. 712,178
17 Claims. (Cl. 173—328)

9. An electric connecter comprising two relatively rotatable members, namely, a plug having projecting, headed terminals and a base having arcuate openings in which the terminals are

adapted to be received, the openings having portions of greater width than the heads of the terminals to permit entry of the heads in said portions, and the openings having also portions of smaller width than the heads of the terminals to permit the heads to become locked behind the

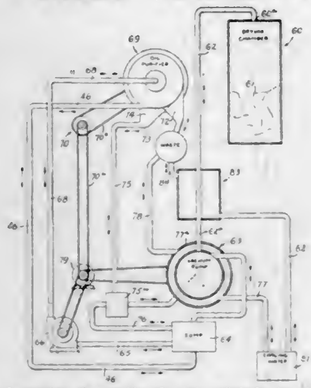


walls of said portions of the openings of smaller width, the terminals being adapted to be moved from the portions of greater width to the portions of smaller width of the openings by relative rotation of the members, and means for forcing the relatively rotatable members yieldingly toward each other.

2,127,474

METHOD AND APPARATUS FOR DRYING

Franklin S. Smith, New Haven, Conn.
Application August 2, 1935, Serial No. 34,313
9 Claims. (Cl. 34—24)



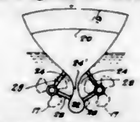
1. The herein described art which includes the steps of continuously withdrawing moisture and particles from a material to be dried, forcing the moisture and particles into an oil sealed space wherein the oil moisture and particles are mixed into a sludge, immediately separating the sludge into its component parts, immediately returning the oil to said oil sealed space, and discharging the moisture and particles.

2,127,475

SHIP'S STERN

Vladimir Yourkevitch, Paris, France
Application August 2, 1935, Serial No. 34,331
In France December 6, 1934
2 Claims. (Cl. 114—56)

1. A ship's hull provided aft of amidships and forwardly of the stern post with a bulbous keel portion, a superimposed buoyant portion, and an interposed upright portion of materially reduced cross section having concave sides which merge into the corresponding sides of the superimposed portion in substantially tangential relation thereto, said bulbous keel portion tapering both fore and aft from a point intermediate its ends to form, at both sides of said interposed portion, convergent-divergent channels extending in a fore and aft direction, propellers partially projecting into said channels and juxtaposed substantially with the region of minimum cross sec-



tion of said upright portion, and a stern post, the lower end of which is anchored to the aft end of said bulbous keel portion in substantially tangential relation thereto.

2,127,476

PRODUCTION OF QUATERNARY AMMONIUM BASES

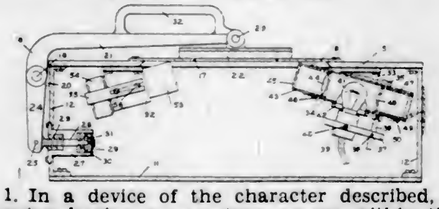
Heinrich Ulrich and Ernst Ploetz, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 22, 1936, Serial No. 75,858. In Germany May 4, 1935
5 Claims. (Cl. 260—583)

1. The process for the production of quaternary ammonium bases, which comprises causing ethylene oxide to act in the presence of water on a water-insoluble tertiary amine containing two low molecular aliphatic radicles and an open chain aliphatic radicle containing at least 8 carbon atoms.

2,127,477

PHOTOELECTRIC GLOSS METER

Lynnville A. Carpenter, Neenah, Wis., and Ernst J. Schreiner, Knoxville, Tenn., assignors to Oxford Paper Company, a corporation of Maine
Application December 16, 1935, Serial No. 54,574
6 Claims. (Cl. 88—14)



1. In a device of the character described, a housing having an aperture, means within the housing for directing a beam of light toward said aperture at an angle of substantially 15 degrees thereto, a light responsive device within said housing located on the side of said aperture opposite said light source for receiving light from said aperture at an angle of substantially 15 degrees, a specular reflector, means for pressing said reflector against said housing at said aperture and means for introducing a sample between said reflector and said housing at said aperture.

2,127,478

ORANGE DISAZO DYES

Moses L. Crossley, Plainfield, and Lincoln M. Shafer, Highland Park, N. J., assignors to The Calco Chemical Co., Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application March 23, 1937, Serial No. 132,516
4 Claims. (Cl. 260—183)

1. Orange to red or red-violet disazo dyes having the following formula—

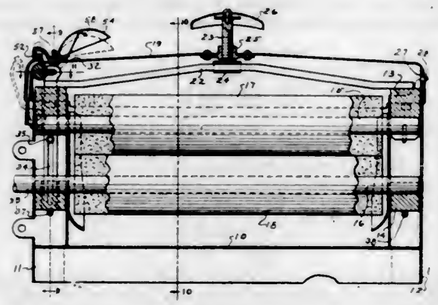
$$R_3—N=N—R_1—R_2—N=N—ROH$$

in which R is a naphthalene nucleus, $R_1—R_2$ is a benzidine disulfonic acid and R_3 is an octylphenol.

2,127,479

WRINGER MECHANISM

Nicholas L. Etten and Fred A. Christensen, Waterloo, Iowa; said Etten assignor to Chamberlain Corporation, Waterloo, Iowa
Application March 19, 1932, Serial No. 600,022
Renewed June 24, 1937
13 Claims. (Cl. 68—263)

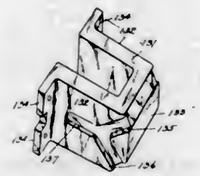


13. In a wringer, a frame structure having in combination, a lower frame member, an upper frame member movable upwardly with respect to and above the lower frame member, wringer rolls mounted in the frame structure, a retaining member mounted on and movable with respect to one of said frame members for holding the frame members together in normal operating position, mechanism including spring means for applying pressure to the rolls and for constantly urging said retaining member away from a position where said member would lock said framed members together, whereby said retaining member is unstably mounted with respect to a holding position, and a second retaining member movably attached to the other frame member for engaging the first retaining member releasably to secure the latter in holding position, whereby upon movement of the second retaining member to release the first retaining member and effect separation of the frame members by said mechanism, the retaining members are free to move with the respective frames.

2,127,480

TRANSFER SYSTEM FOR FREIGHT CONTAINERS

Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application December 3, 1934, Serial No. 755,752
7 Claims. (Cl. 214—38)

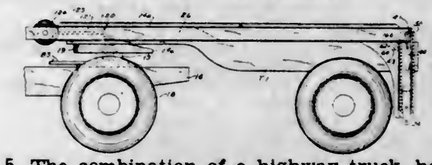


7. The combination of a railway car having a bracket which is adapted to serve as a stake pocket, the internal walls of which pocket are arranged to embrace a car stake, the external walls being provided with means adapted and arranged to engage a ramp.

2,127,481

APPARATUS FOR TRANSFERRING FREIGHT

Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application January 15, 1935, Serial No. 1,926
17 Claims. (Cl. 214—38)

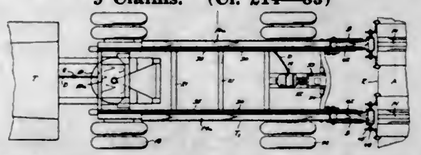


5. The combination of a highway truck, having a guideway for a demountable body adapted to be moved on and off of the truck, a bridge member arranged to be connected between the truck and a platform, the bridge member forming a continuation of said guideway on the truck, a flexible member looped at one end about means carried by the truck and looped at the other end about means carried by the bridge member, power mechanism carried by the truck and arranged to progress said flexible member, and means whereby the movement of the flexible member may slide a body along said guideway onto or off of the truck dependent upon the direction of movement of said member.

2,127,482

FREIGHT HANDLING VEHICLE

Benjamin F. Fitch, Greenwich, Conn.
Application September 9, 1935, Serial No. 39,725
9 Claims. (Cl. 214—83)



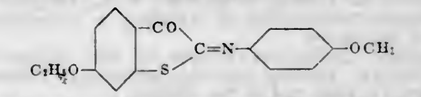
9. The combination of a highway vehicle, an electric motor carried thereby, a bridge member pivotally connected to the rear end of the vehicle and forming a continuation of the guideway on the vehicle, a flexible member looped at one end about means carried by the vehicle, and at the other end about a rotary driving device carried by the bridge member, a power transmission mechanism connecting the motor with said rotary driving device, means whereby the movement of the flexible member may move a body along said guideway onto or off of the vehicle dependent upon the direction of movement of said flexible member.

2,127,483

THIOINDOXYL-ANIL AND PROCESS OF MAKING THE SAME

Emeric Havas, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 30, 1936, Serial No. 108,364
2 Claims. (Cl. 260—330)

1. The compound having the formula



said compound being substantially identical with the compound obtainable by condensing 6-ethoxy-

thioindoxyl in alkaline, aqueous-alcoholic medium, with p-nitroso phenol, and methylating the condensation product.

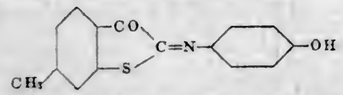
2,127,484

THIOINDOXYL DERIVATIVE AND PROCESS OF MAKING THE SAME

Emeric Havas, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 30, 1936, Serial No. 108,365
2 Claims. (Cl. 260—330)

1. The compound of the formula



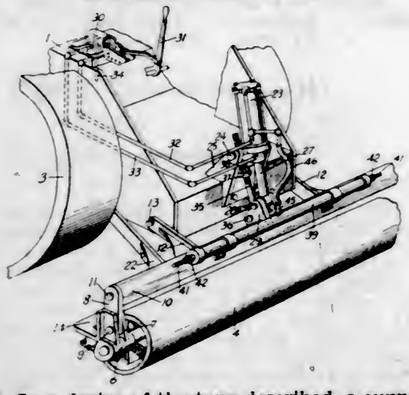
said compound being a yellow solid melting at 210° C. and being characterized by dyeing cellulose acetate material in a bright yellow shade of good fastness properties.

2,127,485

ROAD ROLLER

Clifford A. Owens, Fred L. White, and Earl I. Belcher, Marion, Ohio, assignors to The Osgood Company, Marion, Ohio, a corporation of Ohio

Application October 16, 1936, Serial No. 106,002
14 Claims. (Cl. 94—50)



1. In a device of the type described, a supporting structure mounted for movement along a road surface, an ironing roller mounted on said supporting structure in such a manner that it may move vertically, non-compressible fluid-actuated means for forcing said ironing roller downwardly into contact with the road surface with a predetermined pressure, and means for automatically relieving the downward pressure exerted by said ironing roller on said road surface whenever it tends to exceed said predetermined pressure.

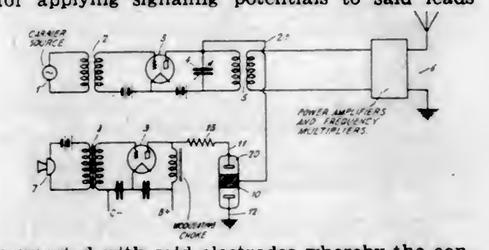
2,127,486

PHASE MODULATION

Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original application October 16, 1931, Serial No. 569,144. Divided and this application November 14, 1934, Serial No. 752,961
2 Claims. (Cl. 179—171)

1. A device for producing capacity variations which are linear with respect to signaling potentials and for modulating the phase of carrier waves in accordance with said capacity variations comprising, a repeater circuit including a reactance tuned to the frequency of the carrier wave to be modulated in phase, a gaseous discharge tube comprising a gas filled envelope, a pair of electrodes spaced from each other within said envelope, leads connected with said electrodes and passing through the walls of said envelope, means for applying signaling potentials to said leads



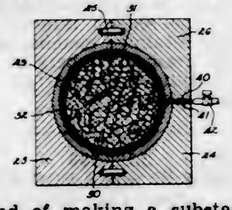
connected with said electrodes whereby the conductivity of the gas between said electrodes is altered at signal frequency, a condenser plate supported externally of said envelope and adjacent the path between said electrodes, whereby capacity variations controlled by said signaling potentials are produced between said condenser plate and the electron stream between said electrodes and a circuit connecting said condenser plate with said reactances in said repeater circuit to alter the tune of said circuit at signal frequency.

2,127,487

METHOD OF MAKING BALLS

William J. Voit, Los Angeles, Calif.

Original application January 7, 1936, Serial No. 57,907. Divided and this application August 10, 1936, Serial No. 95,088
8 Claims. (Cl. 154—16)



5. A method of making a substantially solid athletic ball including the steps of: taking a completed ball-center comprising material pervious to air or the like, applying vulcanized rubber about the exterior of said ball-center, placing said ball-center and rubber in a mold, establishing pressure in said ball-center to force said rubber into intimate contact with said mold, applying sufficient heat to vulcanize said rubber about said ball-center while said pressure is effective, relieving said pressure, and removing the finished ball from said mold.

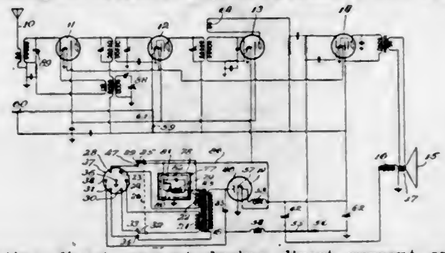
2,127,488

RADIO RECEIVER

Edward F. Andrews, Chicago, Ill.

Original application October 27, 1932, Serial No. 639,821. Patent No. 2,103,135, dated December 21, 1937. Divided and this application April 22, 1937, Serial No. 138,338
22 Claims. (Cl. 250—27)

1. In a radio receiver adapted for operation by alternating current and relatively low voltage direct current, in combination, thermionic tubes having filaments and plate circuits, a filament and plate supply transformer having a winding adapted to supply filament current when operating on alternating current, another winding adapted to supply high voltage plate current during both alternating current operation and direct current operation, and a winding which is adapted to serve as a primary during alternating current operation and another winding which is adapted to serve as primary and receive pul-



sating direct current during direct current operation, means for supplying filament current direct from the source of current supply during direct current operation, a loud speaker having a field adapted to be energized by the plate current during alternating current operation, circuits connecting the thermionic tubes, transformer windings and current supply, and switching means for breaking certain circuits and completing other circuits to adapt the receiver for operation with either alternating or direct current supply.

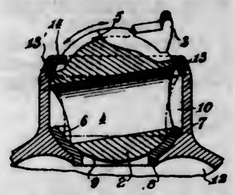
2,127,489

CLOSURE FOR BOTTLES, COLLAPSIBLE TUBES, AND LIKE CONTAINERS

James Rest, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I., a corporation of Rhode Island

Application November 2, 1935, Serial No. 48,043
In Great Britain November 30, 1934
13 Claims. (Cl. 221—60)

1. Nozzle closure means for a container comprising a hollow nozzle member constructed of coated metal having dispensing hole means in each end thereof the edge of which exposes said metal and an inner wall substantially comprising a substantially spherical valve seat and having a washer receiving annular channel at the upper end thereof, a substantially spherical closure valve member oscillatably mounted on said valve seat having a vent oscillatable to a position flush with said respective hole means or against said nozzle inner wall and a projection projecting outwardly from said nozzle to oscillate said closure valve member and an axis of oscillation forming circumferential groove extending substantially from said projection to said vent, a partially spherical annular washer member contained between the upper end of said valve seat and upper portion of said valve member having an axis of oscillation forming extension projecting inwardly within said valve member groove and a partially spherical washer member contained between the lower portions of said valve seat and oscillatable valve member having an annular skirt projecting downwardly within said container overlappingly sealing the edge of the dispensing hole means in the lower portion of said nozzle.



2,127,490

ANTIFOAMING AND ANTIFREEZING MIXTURES

Marcellus T. Flaxman, Wilmington, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application February 12, 1935, Serial No. 6,267
21 Claims. (Cl. 252—5)

4. An anti-foaming and anti-freezing solution adapted to minimize foaming of aqueous solutions comprising water, glycerin, Montan wax and lard oil.

2,127,491

FOAM CONTROLLING COMPOSITION

Marcellus T. Flaxman, Wilmington, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

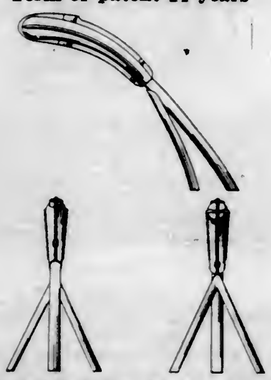
No Drawing. Application August 2, 1937, Serial No. 156,996
19 Claims. (Cl. 252—6)

4. A foam controlling composition comprising a refined non-volatile mineral oil and small quantities between about one-half per cent and five per cent each of Montan wax foam suppressing base material of the class consisting of Montan wax and the esterification products of Montan wax and montanic acids, and oil-soluble soap of metal from the class consisting of aluminum and the alkaline earth metals.

DESIGNS

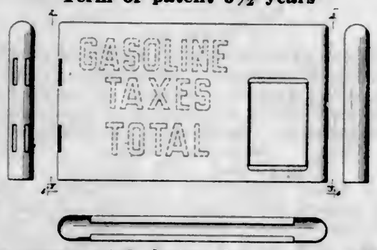
AUGUST 16, 1938

110,855
DESIGN FOR A VELOCIPEDE FRAME MEMBER
Bert J. Anderson, Hammond, Ind.
Application January 29, 1938, Serial No. 74,700
Term of patent 14 years



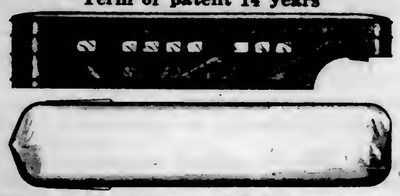
The ornamental design for a velocipede frame member, as shown.

110,856
DESIGN FOR A SIGN
Dewey G. Berger, South Gate, Calif.
Application April 29, 1938, Serial No. 76,862
Term of patent 3½ years



The ornamental design for a sign, substantially as shown.

110,857
DESIGN FOR A VEHICLE BODY
Alexis de Sakhnoffsky, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 22, 1937, Serial No. 69,979
Term of patent 14 years



The ornamental design for a vehicle body, substantially as shown and described.

110,858
DESIGN FOR A TOY ROTARY UNIT
Clifford Egerton, Forest Hills, Long Island, N. Y.
Application July 2, 1937, Serial No. 70,215
Term of patent 14 years



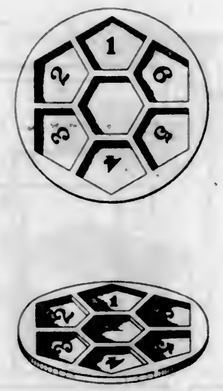
The ornamental design for a toy rotary unit, as shown.

110,859
DESIGN FOR A HAMPER
William Fein, New York, N. Y.
Application April 7, 1938, Serial No. 76,351
Term of patent 7 years



The ornamental design for a hamper, substantially as shown and described.

110,860
DESIGN FOR A GAME BOARD
Albert Feldmann, Brooklyn, N. Y.
Application June 10, 1938, Serial No. 77,710
Term of patent 14 years



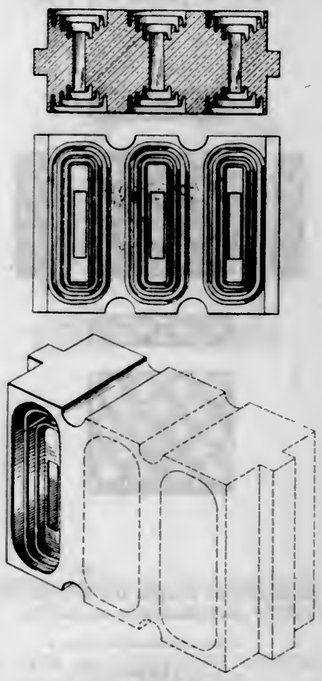
The ornamental design for a game board, as shown.

110,861
DESIGN FOR AN ANIMAL FIGURE
Charles H. Forbell, Bayside, Long Island, N. Y., assignor to Rogers Peet Company, New York, N. Y., a corporation of New York
Application June 6, 1938, Serial No. 77,635
Term of patent 14 years



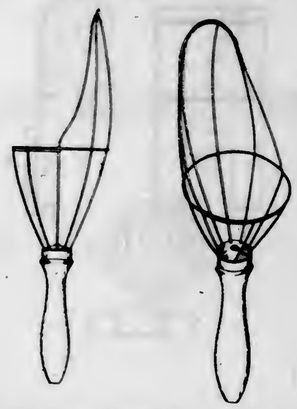
The ornamental design for an animal figure, as shown.

110,862
DESIGN FOR A PLATE FOR SUPPORTING BUS BARS IN A BUS DUCT SYSTEM
William H. Frank, Detroit, Mich.
Application July 3, 1937, Serial No. 70,247
Term of patent 14 years



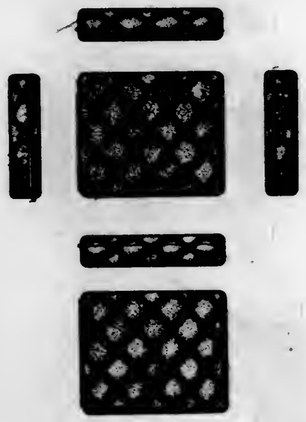
The ornamental design for a plate for supporting bus bars in a bus duct system, substantially as shown.

110,863
DESIGN FOR A BALL GAME DEVICE
Ralph H. Hayes and Worth L. Smith, Highland Park, Mich.
Application April 13, 1938, Serial No. 76,486
Term of patent 7 years



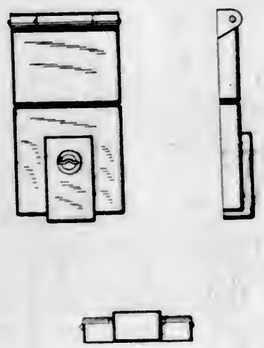
The ornamental design for a ball game device, substantially as shown.

110,864
DESIGN FOR A CIGARETTE CASE OR SIMILAR ARTICLE
George W. Headley, 3rd, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application January 6, 1938, Serial No. 74,112
Term of patent 3½ years



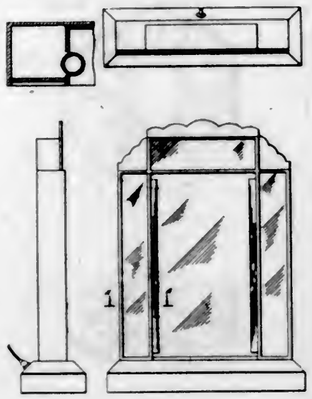
The ornamental design for a cigarette case or similar article, substantially as shown.

110,865
DESIGN FOR A LUGGAGE LOCK OR THE LIKE
Robert Heller, New York, N. Y., assignor to Suffolk Craftsmen, Inc., Huntington, N. Y., a corporation of New York
Application June 17, 1938, Serial No. 77,897
Term of patent 14 years



The ornamental design for a luggage lock or the like, as shown.

110,866
DESIGN FOR AN ILLUMINATED ADVERTISING DISPLAY SIGN
William Taylor Johns, San Antonio, Tex.
Application December 27, 1937, Serial No. 73,880
Term of patent 3½ years



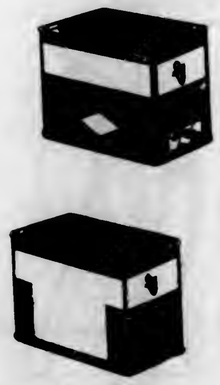
The ornamental design for an illuminated advertising display sign, as shown.

110,867
DESIGN FOR A FACE PLATE FOR AN ELECTRIC SWITCH
Harry M. Kidd, El Paso, Tex.
Application October 14, 1937, Serial No. 72,184
Term of patent 14 years



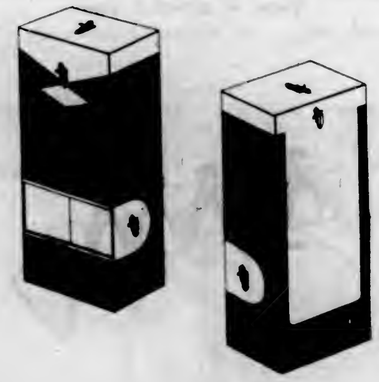
The ornamental design for a face plate for an electric switch, as shown.

110,868
DESIGN FOR A CAN OR SIMILAR CONTAINER
Samuel S. Kovacs, Chicago, Ill.
Application June 18, 1938, Serial No. 77,929
Term of patent 7 years



The ornamental design for a can or similar container, as shown.

110,869
DESIGN FOR A BOX OR SIMILAR CONTAINER
Samuel S. Kovacs, Chicago, Ill.
Application June 18, 1938, Serial No. 77,930
Term of patent 7 years



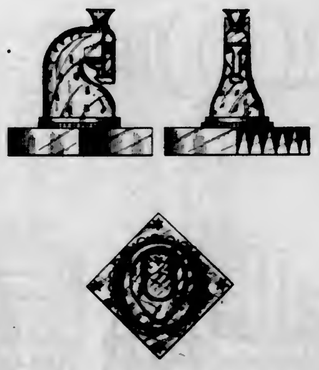
The ornamental design for a box or similar container, as shown.

110,870
DESIGN FOR A BOTTLE
Florence N. Lewis, New York, N. Y., assignor to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,739
Term of patent 7 years



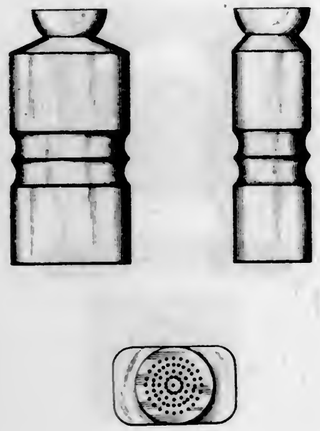
The ornamental design for a bottle, as shown.

110,871
DESIGN FOR A COMBINED BOTTLE AND BASE THEREFOR
Florence N. Lewis, New York, N. Y., assignor to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,740
Term of patent 7 years



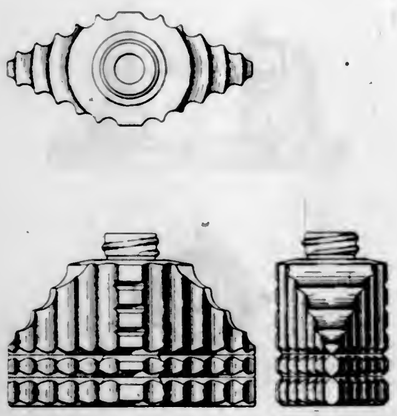
The ornamental design for a combined bottle and base therefor, as shown.

110,872
DESIGN FOR A TALCUM POWDER CONTAINER
Florence N. Lewis, New York, N. Y., assignor to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,748
Term of patent 7 years



The ornamental design for a talcum powder container, as shown.

110,873
DESIGN FOR A BOTTLE
Frederick W. Lohse, Attleboro, Mass., assignor to T. J. Holmes Company, Inc., Chartley, Mass., a corporation of Massachusetts
Application January 10, 1938, Serial No. 74,171
Term of patent 7 years



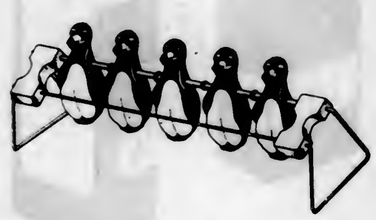
The ornamental design for a bottle, as shown.

110,874
DESIGN FOR A TOY WAGON BODY
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application December 24, 1937, Serial No. 73,846
Term of patent 7 years



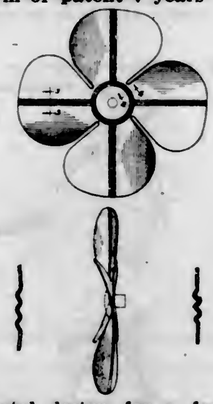
The ornamental design for a toy wagon body, as shown and described.

110,875
DESIGN FOR A TILTABLE PIN GAME DEVICE
Albert L. Murray, Auburn, Ind.
Application May 18, 1938, Serial No. 77,259
Term of patent 7 years



The ornamental design for a tiltable pin game device, as shown.

110,876
DESIGN FOR A FAN PROPELLER
Edward S. Preston, Hinsdale, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application June 23, 1938, Serial No. 78,003
Term of patent 7 years



The ornamental design for a fan propeller, substantially as shown.

110,877
DESIGN FOR A BOX COVER
James Quartz, Newton, Mass.
Application February 12, 1938, Serial No. 75,112
Term of patent 14 years



The ornamental design for a box cover, as shown.

110,878
DESIGN FOR A WALL CASE FOR A THERMOSTAT OR SIMILAR ARTICLE
William A. Ray, Glendale, Calif.
Application June 14, 1938, Serial No. 77,818
Term of patent 14 years



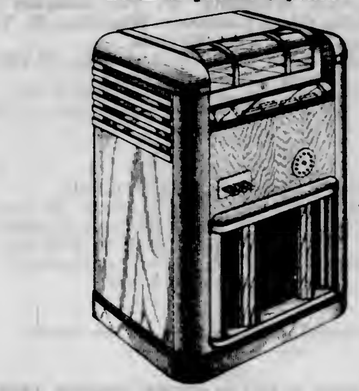
The ornamental design for a wall case for a thermostat or similar article, substantially as shown.

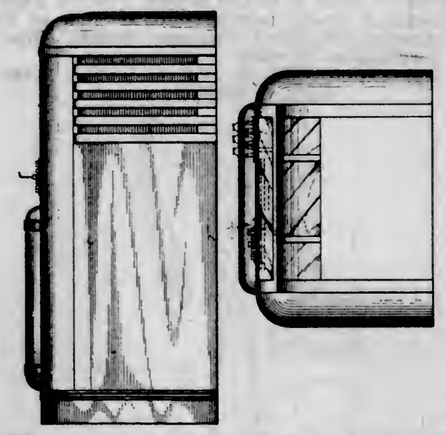
110,879
DESIGN FOR A WALL CASE FOR A THERMOSTAT OR SIMILAR ARTICLE
William A. Ray, Glendale, Calif.
Application June 14, 1938, Serial No. 77,819
Term of patent 14 years



The ornamental design for a wall case for a thermostat or similar article, substantially as shown.

110,880
DESIGN FOR A CABINET FOR A PHONOGRAPH OR THE LIKE
Henry T. Roberts, Chicago, Ill., assignor to J. P. Seeburg Corporation, Chicago, Ill., a corporation of Illinois
Application June 20, 1938, Serial No. 77,961
Term of patent 7 years





The ornamental design for a cabinet for a phonograph or the like, substantially as shown.

110,881
DESIGN FOR A TOILET BOTTLE
William L. Schultz, New York, N. Y.
Application June 17, 1938, Serial No. 77,896
Term of patent 14 years



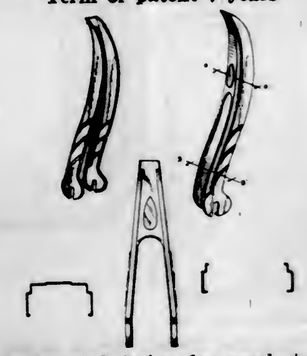
The ornamental design for a toilet bottle, as shown.

110,882
DESIGN FOR A JAR
Frasier Smith, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application June 25, 1938, Serial No. 78,075
Term of patent 14 years



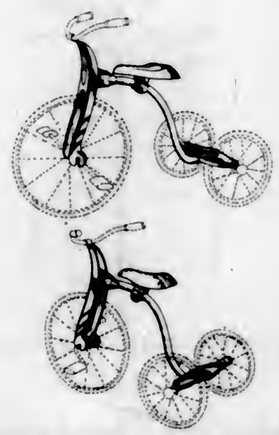
The ornamental design for a jar, as shown.

110,883
DESIGN FOR A VELOCIPEDE FRONT FORK
Samuel A. Snell, Toledo, Ohio, assignor to The American-National Company, Toledo, Ohio, a corporation of Ohio
Application April 25, 1938, Serial No. 76,746
Term of patent 7 years



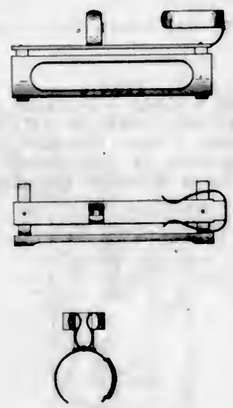
The ornamental design for a velocipede front fork, substantially as shown.

110,884
DESIGN FOR A VELOCIPEDE
Samuel A. Snell, Toledo, Ohio, assignor to The American-National Company, Toledo, Ohio, a corporation of Ohio
Application April 25, 1938, Serial No. 76,747
Term of patent 7 years



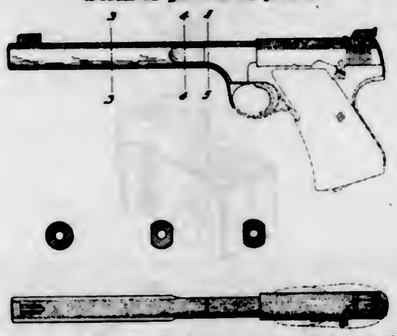
The ornamental design for a velocipede, substantially as shown.

110,885
DESIGN FOR A COMBINED PIPE AND IDENTIFICATION SLIP HOLDER
Edward M. Springer and Victor E. Harris, Huntington Park, Calif.
Application September 21, 1937, Serial No. 71,712
Term of patent 3½ years



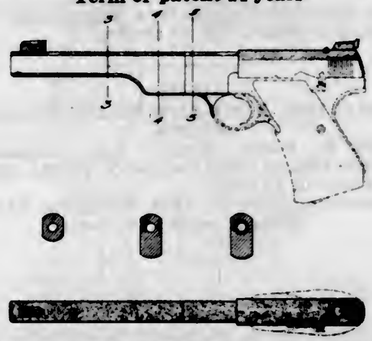
The ornamental design for a combined pipe and identification slip holder, as shown.

110,886
DESIGN FOR A PISTOL
Harry A. Stevens, Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application April 8, 1938, Serial No. 76,386
Term of patent 14 years



The ornamental design for a pistol, as shown and described.

110,887
DESIGN FOR A PISTOL
Harry A. Stevens, Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application April 8, 1938, Serial No. 76,387
Term of patent 14 years



The ornamental design for a pistol, as shown and described.

110,888
DESIGN FOR A FINGER RING
Otto Abrecht, Maplewood, N. J., assignor to Albert Abrecht, Inc., Newark, N. J., a corporation of New Jersey
Application June 4, 1938, Serial No. 77,575
Term of patent 7 years



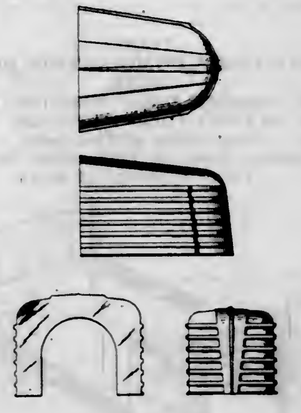
The ornamental design for a finger ring, as shown.

110,889
DESIGN FOR A COMBINATION DESK UNIT
Albert S. Brand, Boston, and Laurence W. Kendrick, Wellesley, Mass., assignors to The Carter's Ink Company, Cambridge, Mass., a corporation of Massachusetts
Application June 11, 1938, Serial No. 77,784
Term of patent 7 years



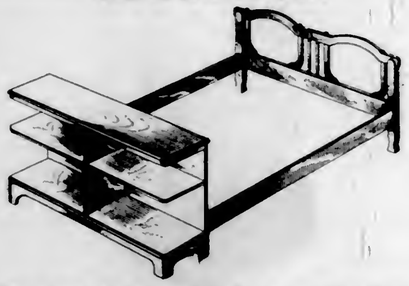
The ornamental design for a combination desk unit, substantially as shown.

110,890
DESIGN FOR A LAMP SHADE
John W. Brooks, Syracuse, N. Y., assignor to Pass & Seymour, Inc., Syracuse, N. Y., a corporation of New York
Application June 3, 1938, Serial No. 77,550
Term of patent 7 years



The ornamental design for a lamp shade, substantially as shown.

110,891
DESIGN FOR A COMBINATION BED AND BOOKCASE
William Lipscomb Davis, Nashville, Tenn., assignor to Davis Cabinet Company, Nashville, Tenn., a corporation of Tennessee
Application June 28, 1938, Serial No. 78,123
Term of patent 14 years



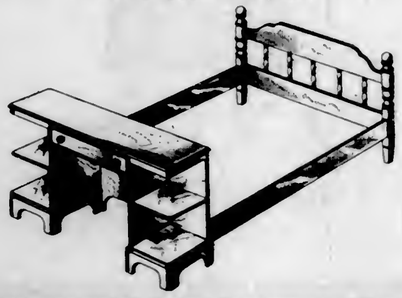
The ornamental design for a combination bed and bookcase, substantially as shown.

110,892
DESIGN FOR A COMBINATION BED AND CHEST OF DRAWERS
William Lipscomb Davis, Nashville, Tenn., assignor to Davis Cabinet Company, Nashville, Tenn., a corporation of Tennessee
Application June 28, 1938, Serial No. 78,124
Term of patent 14 years



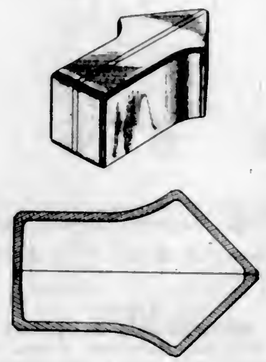
The ornamental design for a combination bed and chest of drawers, substantially as shown.

110,893
DESIGN FOR A COMBINATION BED AND DESK
William Lipscomb Davis, Nashville, Tenn., assignor to Davis Cabinet Company, Nashville, Tenn., a corporation of Tennessee
Application June 28, 1938, Serial No. 78,125
Term of patent 14 years



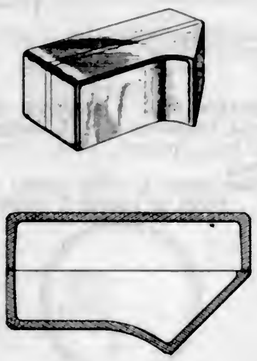
The ornamental design for a combination bed and desk, substantially as shown.

110,894
DESIGN FOR A HOLLOW GLASS BUILDING BLOCK
Charles E. Hawk, Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 25, 1938, Serial No. 78,079
Term of patent 14 years



The ornamental design for a hollow glass building block, substantially as shown.

110,895
DESIGN FOR A HOLLOW GLASS BUILDING BLOCK
Charles E. Hawk, Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 25, 1938, Serial No. 78,080
Term of patent 14 years



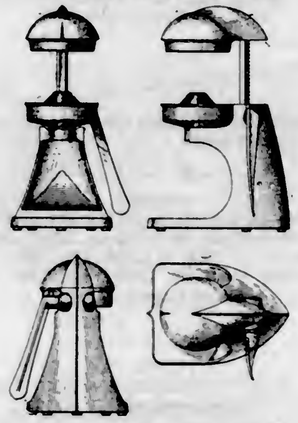
The ornamental design for a hollow glass building block, substantially as shown.

110,896
DESIGN FOR AN ERASER HOLDER
Alfonso Iannelli, Park Ridge, Ill., assignor to The Wahl Company, Chicago, Ill., a corporation of Delaware
Application February 5, 1938, Serial No. 74,908
Term of patent 7 years



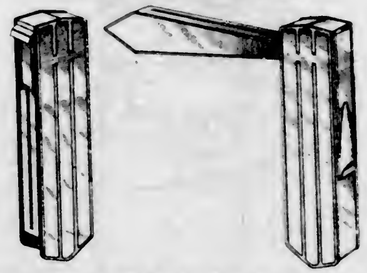
The ornamental design for an eraser holder, substantially as shown and described.

110,897
DESIGN FOR A JUICE EXTRACTOR
Herbert C. Johnson, Wilmette, Ill.
Application January 12, 1938, Serial No. 74,224
Term of patent 14 years



The ornamental design for a juice extractor, as shown.

110,898
DESIGN FOR A TURN SIGNAL
Fritz Katzky, Chicago, Ill.
Application May 31, 1938, Serial No. 77,469
Term of patent 14 years



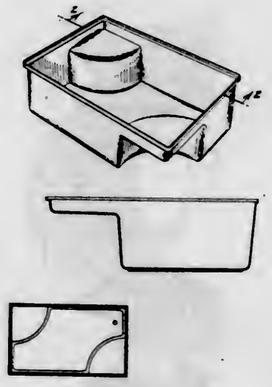
The ornamental design for a turn signal, as shown and described.

110,899
DESIGN FOR A JUG
Guy Nelson King, London, England, assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application March 3, 1938, Serial No. 75,560
In Great Britain November 4, 1937
Term of patent 14 years



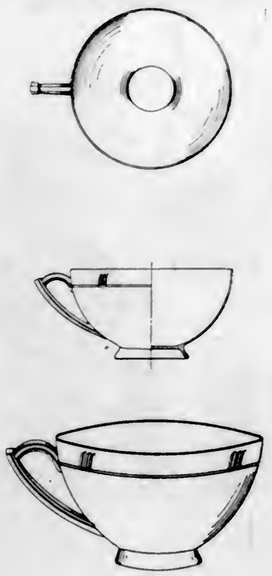
The ornamental design for a jug, as shown.

110,900
DESIGN FOR A BATHTUB
William D. Kraemer, Maywood, Calif.
Application June 20, 1938, Serial No. 77,949
Term of patent 14 years



The ornamental design for a bathtub, substantially as shown.

110,901
DESIGN FOR A CUP OR ANALOGOUS ARTICLE
Herman C. Kupper, New York, N. Y.
Application December 15, 1936, Serial No. 66,544
Term of patent 7 years



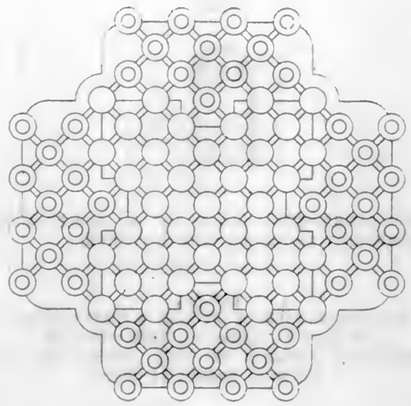
The ornamental design for a cup or analogous article, substantially as shown and described.

110,902
DESIGN FOR A COMBINED BOWL AND BASE THEREFOR
Edna J. Loesch, Bloomfield, N. J.
Application May 23, 1938, Serial No. 77,345
Term of patent 7 years



The ornamental design for a combined bowl and base therefor, substantially as shown and described.

110,903
DESIGN FOR A GAME BOARD
Agnes Marvin, Detroit, Mich.
Application May 19, 1938, Serial No. 77,271
Term of patent 7 years



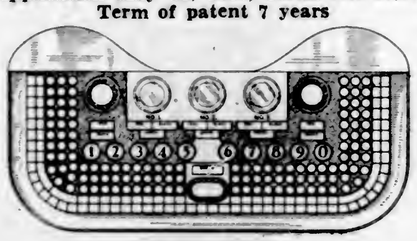
The ornamental design for a game board, as shown and described.

110,904
DESIGN FOR A LAMP GUARD
Pansy E. Merrifield, St. Joseph, Mo., assignor to Mary J. Coe, Kansas City, Mo.
Application April 27, 1938, Serial No. 76,761
Term of patent 14 years



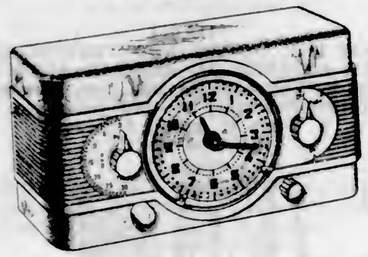
The ornamental design for a lamp guard, as shown and described.

110,905
DESIGN FOR A GAME BOARD OR SIMILAR ARTICLE
Bartholomew A. Murray and John Keane, Bronx, N. Y.
Application May 25, 1937, Serial No. 69,544
Term of patent 7 years



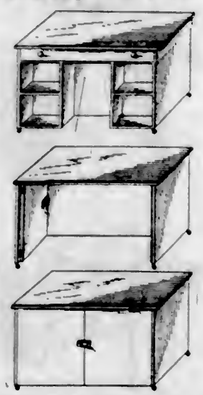
The ornamental design for a game board or similar article, substantially as shown.

110,906
DESIGN FOR A TIMER CASE
Raymond E. Patten, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application February 25, 1938, Serial No. 75,395
Term of patent 14 years



The ornamental design for a timer case, as shown.

110,907
DESIGN FOR A COMBINED DESK, TABLE, AND UTILITY CABINET
Dorothy E. Patz, New York, N. Y.
Application May 27, 1938, Serial No. 77,435
Term of patent 14 years



The ornamental design for a combined desk, table, and utility cabinet, as shown.

110,908
DESIGN FOR A LACE COLLAR
Emanuel Roth, New York, N. Y.
Application May 26, 1938, Serial No. 77,392
Term of patent 3½ years



The ornamental design for a lace collar, as shown.

110,909
DESIGN FOR A LACE COLLAR
Emanuel Roth, New York, N. Y.
Application May 26, 1938, Serial No. 77,393
Term of patent 3½ years



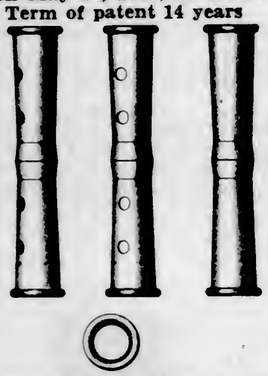
The ornamental design for a lace collar, as shown.

110,910
DESIGN FOR A LACE COLLAR
Emanuel Roth, New York, N. Y.
Application May 26, 1938, Serial No. 77,394
Term of patent 3½ years



The ornamental design for a lace collar, as shown.

110,911
DESIGN FOR A CONNECTION FOR A SECTIONAL HANDLE
Herman Siemund, Chicago, Ill., assignor to Greenview Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 24, 1938, Serial No. 77,361
Term of patent 14 years



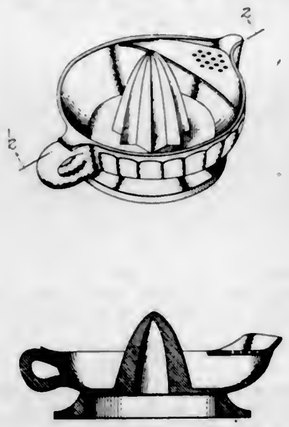
The ornamental design for a connection for a sectional handle, substantially as shown.

110,912
DESIGN FOR A DRINKING GLASS
James E. Spence, Wheeling, W. Va., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application May 16, 1938, Serial No. 77,234
Term of patent 14 years



The ornamental design for a drinking glass, as shown.

110,913
DESIGN FOR A FRUIT JUICE EXTRACTOR
James P. Weyman, San Antonio, Tex.
Application March 9, 1938, Serial No. 75,700
Term of patent 3½ years

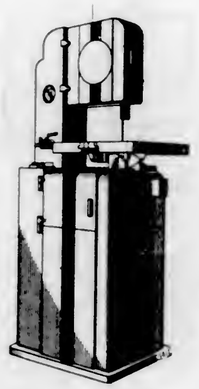


The ornamental design for a fruit juice extractor, as shown.

110,914
DESIGN FOR A COMBINED WRITING TABLE AND CABINET OR SIMILAR ARTICLE
Charles E. Whitcomb, Bayside, Long Island, N. Y.
Application November 23, 1937, Serial No. 73,136
Term of patent 7 years

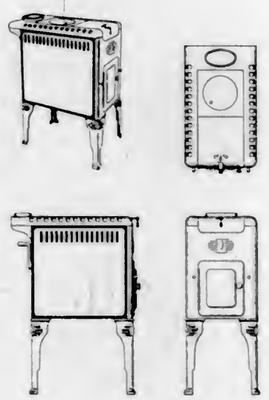
The ornamental design for a combined writing table and cabinet or similar article, as shown.

110,915
DESIGN FOR A COMBINED METAL BAND FILING AND SAWING MACHINE
Leighton A. Wilkie, Minneapolis, Minn.
Application January 17, 1938, Serial No. 74,356
Term of patent 3½ years



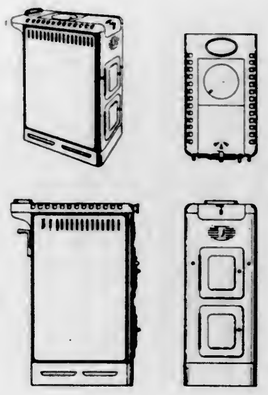
The ornamental design for a combined metal band filing and sawing machine, substantially as shown and described.

110,916
DESIGN FOR A KITCHEN STOVE
Benjamin F. Berkheimer, Greenville, Ohio
Application April 20, 1938, Serial No. 76,647
Term of patent 7 years



The ornamental design for a kitchen stove, as shown.

110,917
DESIGN FOR A KITCHEN STOVE
Benjamin F. Berkheimer, Greenville, Ohio
Application April 20, 1938, Serial No. 76,648
Term of patent 7 years



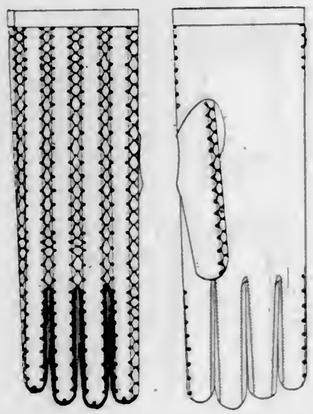
The ornamental design for a kitchen stove, as shown.

110,918
DESIGN FOR A SOCK
Walter F. Connor and Mary E. Carney, Lowell, Mass., assignors to Hub Hosiery Mills, Lowell, Mass., a corporation of Massachusetts
Application October 25, 1937, Serial No. 72,413
Term of patent 14 years



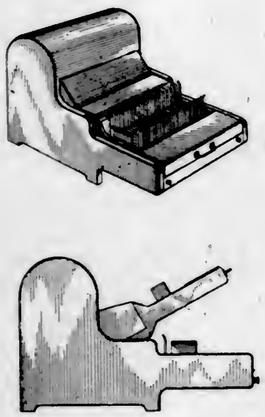
The ornamental design for a sock, substantially as shown and described.

110,919
DESIGN FOR A GLOVE
Andre S. David, New York, N. Y.
Application June 1, 1938, Serial No. 77,491
Term of patent 3½ years



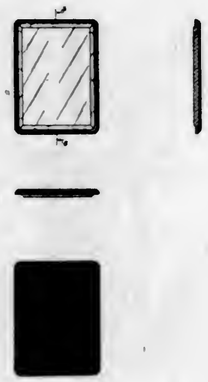
The ornamental design for a glove, substantially as shown.

110,920
DESIGN FOR A BREAD SLICING MACHINE
Sander Debus, Hastings, Nebr., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application May 23, 1938, Serial No. 77,349
Term of patent 14 years



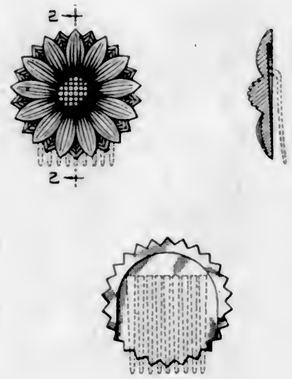
The ornamental design for a bread slicing machine, as shown and described.

110,921
DESIGN FOR A HANDBAG MIRROR
Jacob S. Fein, New York, N. Y.
Application June 7, 1938, Serial No. 77,644
Term of patent 7 years



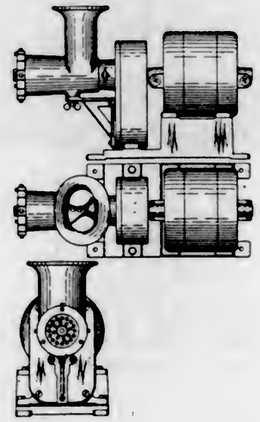
The ornamental design for a handbag mirror, substantially as shown and described.

110,922
DESIGN FOR A HAIR ORNAMENT
Leo J. Gagnon, Leominster, Mass., assignor to Fosgood Corporation, Leominster, Mass., a corporation of Massachusetts
Application June 8, 1938, Serial No. 77,670
Term of patent 3½ years



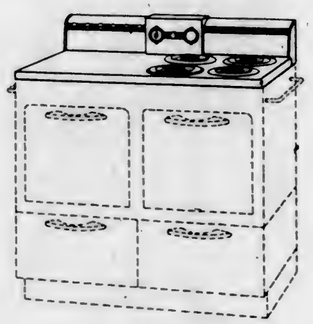
The ornamental design for a hair ornament, substantially as shown and described.

110,923
DESIGN FOR A COMBINATION FOOD CHOPPER UNIT
Frank B. Gerard, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn., a corporation of Connecticut
Application February 21, 1938, Serial No. 75,313
Term of patent 7 years



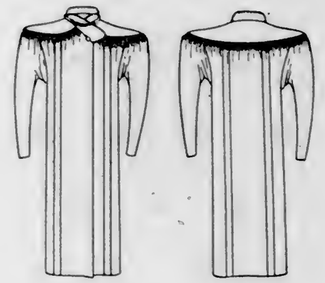
The ornamental design for a combination food chopper unit, substantially as shown.

110,924
DESIGN FOR A RANGE
Robert S. Goldthwaite, Marion, Ind., assignor to Rutenber Electric Company, Marion, Ind., a corporation
Application October 4, 1937, Serial No. 71,953
Term of patent 3½ years



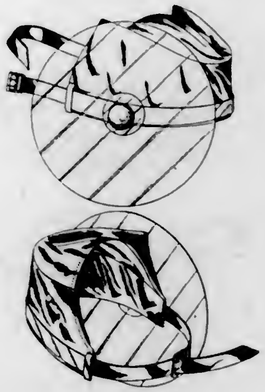
The ornamental design for a range, as shown and described.

110,925
DESIGN FOR A COAT
Frank Leto, New York, N. Y.
Application July 19, 1938, Serial No. 78,581
Term of patent 3½ years



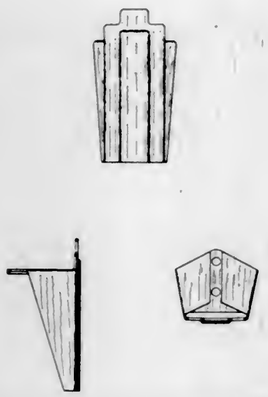
The ornamental design for a coat, substantially as shown.

110,926
DESIGN FOR A BEACH HAT OR SIMILAR ARTICLE
Louise Sanders Loewengard, Hoboken, N. J.
Application January 26, 1938, Serial No. 74,541
Term of patent 3½ years



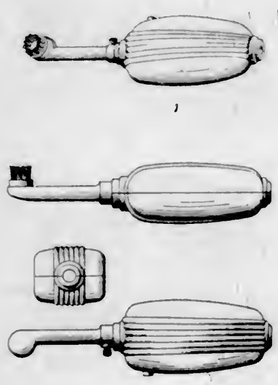
The ornamental design for a beach hat or similar article, substantially as shown.

110,927
DESIGN FOR A WATER HEATER SUPPORT OR SIMILAR ARTICLE
Clarence H. Morrow, Shaker Heights, Ohio, assignor to The Hotstream Heater Company, Cleveland, Ohio, a corporation of Ohio
Application May 26, 1938, Serial No. 77,401
Term of patent 7 years



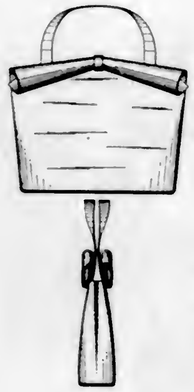
The ornamental design for a water heater support or similar article, as shown.

110,928
DESIGN FOR AN ELECTRIC TOOTHBRUSH
Tomlinson I. Moseley, San Francisco, Calif., assignor to Motodent Inc., Los Angeles, Calif., a corporation of California
Application December 13, 1937, Serial No. 73,553
Term of patent 3½ years



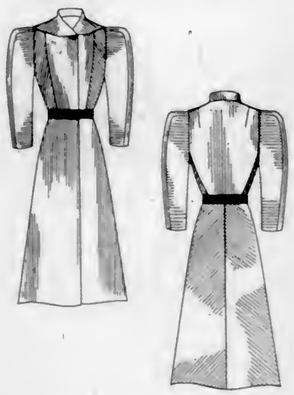
The ornamental design for an electric toothbrush, substantially as shown.

110,929
DESIGN FOR A HANDBAG
Irving Pichel, New York, N. Y.
Application June 24, 1938, Serial No. 78,021
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown and described.

110,930
DESIGN FOR A COAT
Sol Prestyly, Brooklyn, N. Y.
Application June 28, 1938, Serial No. 78,106
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

110,931
DESIGN FOR A KNITTED FABRIC
Philip Rosenkrantz, Brooklyn, N. Y.
Application February 1, 1938, Serial No. 74,793
Term of patent 7 years



The ornamental design for a knitted fabric, as shown and described.

110,932
DESIGN FOR A COAT
Max P. Sonberg, New York, N. Y.
Application June 6, 1938, Serial No. 77,615
Term of patent 3½ years



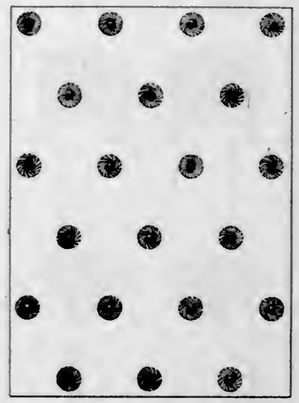
The ornamental design for a coat, substantially as shown and described.

110,933
DESIGN FOR A HAT
William Steffen, New York, N. Y.
Application June 16, 1938, Serial No. 77,869
Term of patent 7 years



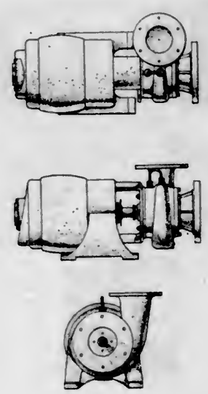
The ornamental design for a hat, substantially as shown.

110,934
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Bernard E. Strobel, Guttenberg, N. J.
Application July 2, 1938, Serial No. 78,230
Term of patent 3½ years



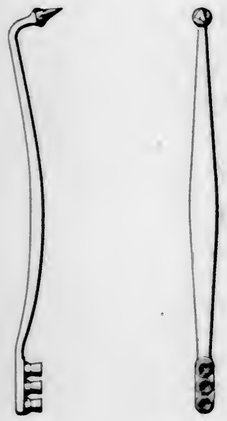
The ornamental design for a textile fabric or similar article, as shown and described.

110,935
DESIGN FOR A PUMPING UNIT
Edgar Voorhees, Kearny, N. J., and Richard A. Niekamp, Dayton, Ohio, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware, and The Master Electric Company, Dayton, Ohio, a corporation of Ohio
Application April 22, 1938, Serial No. 76,700
Term of patent 14 years



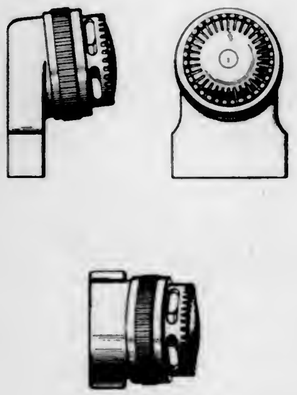
The ornamental design for a pumping unit, as shown.

110,936
DESIGN FOR A DENTAL APPLICATOR
Adolph D. Wiseman, San Francisco, Calif.
Application April 11, 1938, Serial No. 76,415
Term of patent 14 years



The ornamental design for a dental applicator, substantially as shown.

110,937
DESIGN FOR A HEAD FOR AN ELECTRIC RAZOR
Louis Vincent Aronson, Newark, N. J., assignor to Art Metal Works, Inc., Newark, N. J., a corporation of New Jersey
Application December 20, 1937, Serial No. 73,768
Term of patent 3½ years



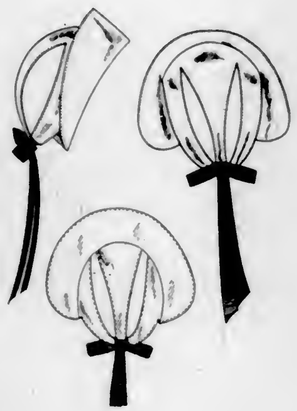
The ornamental design for a head for an electric razor, substantially as shown.

110,938
DESIGN FOR A TEXTILE FABRIC
James H. Bunting, Clifton, N. J.
Application June 30, 1938, Serial No. 78,160
Term of patent 3½ years



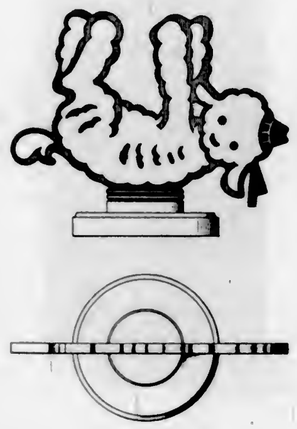
The ornamental design for a textile fabric, substantially as shown and described.

110,939
DESIGN FOR A HAT
Samuel Finkelstein, New York, N. Y.
Application May 11, 1938, Serial No. 77,109
Term of patent 3½ years



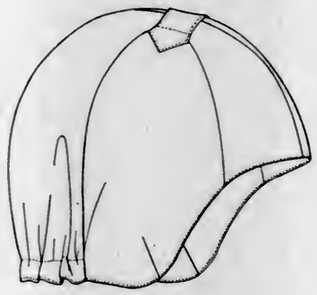
The ornamental design for a hat, substantially as shown and described.

110,940
DESIGN FOR A DISPLAY STAND
Charles H. Forbell, Bayside, Long Island, N. Y., assignor to Rogers Peet Company, New York, N. Y., a corporation of New York
Application June 6, 1938, Serial No. 77,634
Term of patent 14 years



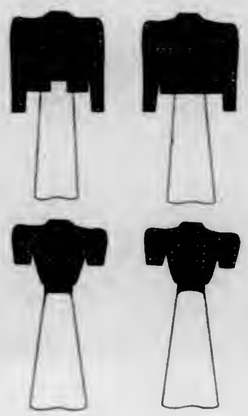
The ornamental design for a display stand, as shown and described.

110,941
DESIGN FOR A CAP
Robert M. Lippemann, New York, N. Y.
Application June 25, 1938, Serial No. 78,069
Term of patent 3½ years



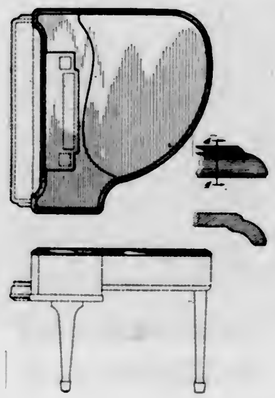
The ornamental design for a cap, substantially as shown and described.

110,942
DESIGN FOR A DRESS ENSEMBLE
Rae Wein, New York, N. Y., assignor to Isaac Edward Levine and Joseph Henry Levine, doing business as Lewis Levine & Sons, Cincinnati, Ohio
Application July 6, 1938, Serial No. 78,288
Term of patent 3½ years



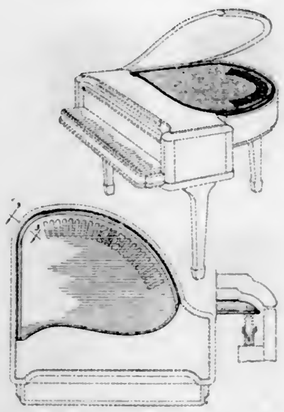
The ornamental design for a dress ensemble, substantially as shown and described.

110,943
DESIGN FOR A GRAND PIANO
Everett Worthington, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill., a corporation of Delaware
Application February 8, 1938, Serial No. 74,969
Term of patent 7 years



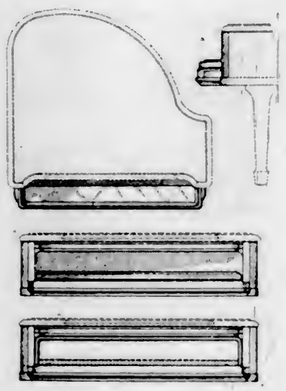
The ornamental design for a grand piano, as shown and described.

110,944
DESIGN FOR A GRAND PIANO
Everett Worthington, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill., a corporation of Delaware
Application February 8, 1938, Serial No. 74,970
Term of patent 7 years



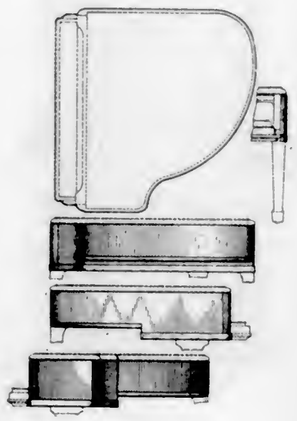
The ornamental design for a grand piano, as shown and described.

110,945
DESIGN FOR A GRAND PIANO
Everett Worthington, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill., a corporation of Delaware
Application February 8, 1938, Serial No. 74,971
Term of patent 7 years



The ornamental design for a grand piano, as shown and described.

110,946
DESIGN FOR A GRAND PIANO
Everett Worthington, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill., a corporation of Delaware
Application February 8, 1938, Serial No. 74,972
Term of patent 7 years



The ornamental design for a grand piano as shown and described.

110,947
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application June 17, 1938, Serial No. 77,900
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

110,948
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
August Hafner, Whitestone, Long Island, N. Y.
Application June 6, 1938, Serial No. 77,593
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

110,949
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application July 26, 1938, Serial No. 78,743
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

110,950
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application July 26, 1938, Serial No. 78,744
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

110,951
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application July 26, 1938, Serial No. 78,746
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

Patents Nos. 2,127,492 to 2,128,215

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August 23, 1938

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Prints	4—No.	17,012 to No.	17,015, inclusive.
Reissues	2—No.	20,834 to No.	20,835, inclusive.
Plant Patents	3—No.	283 to No.	285, inclusive.
Patents	724—No.	2,127,492 to No.	2,128,215, inclusive.
Designs	105—No.	110,952 to No.	111,056, inclusive.
Total	1,065		

Adjudicated Patents

(C. C. A. Md.) Lowell and Dunmore patent, No. 1,455,141, for radio receiving apparatus, claims 1 to 4, 7, 13, 14, and 18, *Held* invalid. *Lowell* v. *Triplett*, 97 F.(2d) 521.

(C. C. A. Md.) Dunmore and Lowell patent, No. 1,606,212, for power amplifier, *Held* invalid. *Id.*

(C. C. A. Md.) Dunmore patent, No. 1,635,117, for signal-receiving system, claims 9, 11, and 12, *Held* invalid. *Id.*

Interference Notices

U. S. Patent Office, *Washington, D. C., August 1, 1938.*

Samuel Silverberg, his assigns or legal representatives, take notice:

An interference has been declared by this Office between the applications for patent of Samuel Silverberg, 115 Blue Hills Ave., Hartford, Connecticut, and Jeremiah J. Faxioli, 33 Grank St., Hartford, Connecticut. The attorneys who represented the party Silverberg, in withdrawing from the case, gave the present address of said Silverberg as 5118 Second St., N. W., Washington, D. C. The Office has been unable to secure service upon said Silverberg at this last mentioned address. Notice is hereby given that unless said Silverberg, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

U. S. Patent Office, *Washington, D. C., Aug. 4, 1938.*

William Johnston, Jr., and Jay W. Ferree, their assigns or legal representatives, take notice:

An interference has been declared by this Office between the sole application for patent of Jay W. Ferree, 703 Magee Bldg., Pittsburgh, Pa., and the joint application for patent of William Johnston, Jr., and Jay W. Ferree, 226 East End Ave. and 1004 S. Braddock Ave., Pittsburgh, Pa., respectively. The attorneys who represented the party Johnston and Ferree have withdrawn and the notice of withdrawal sent to Johnston and Ferree in care of William Johnston, Jr., 226 East End Ave., Pittsburgh, Pa., has been returned by the post office as undeliverable. The Office therefore has been unable to secure service upon the joint applicant Johnston. Notice is hereby given that unless said Johnston and Ferree, their assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Transfer of Classes

Order No. 3,437

U. S. Patent Office, *Washington, D. C., Aug. 8, 1938.*

The following transfers, to take effect Monday, August 15, 1938, are hereby ordered:

Class 309, Machine Elements, Cylinders and Pistons, from Division 12 to Division 28.

Class 45, Furniture, from Division 29 to Division 8.

Class 232, Deposit and Collection Receptacles, from Division 29 to Division 20.

Subclasses 49, 50, 52, and 53, Class 18, Plastics, from Division 15 to Division 50.

CONWAY P. COE,
Commissioner.

Order No. 3,438

U. S. Patent Office, *Washington, D. C., Aug. 9, 1938.*

The following transfer, to take effect Monday, August 15, 1938, is hereby ordered:

Subclasses 13 to 49, inclusive, Class 167, Medicines, from Division 43 to Division 63.

CONWAY P. COE,
Commissioner.

Condition of Applications Under Examination at Close of Business August 23, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 49,867; Trade-Mark Division, 1,424. Oldest new case, Nov. 9, 1937; oldest amended, Nov. 12, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
3624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Feb. 26	Mar. 3	821
3708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Feb. 17	Mar. 1	1,040
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	May 7	May 16	548
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 9	Apr. 9	535
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	May 2	May 3	669
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 1	Mar. 2	1,109
5725	7. JARBOE, C. G., Optics; Photography	Apr. 21	Apr. 22	982
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Apr. 14	Apr. 28	704
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	May 3	May 3	429
2612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Mar. 18	Mar. 30	809
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Apr. 21	Apr. 14	564
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	†Dec. 30	†Dec. 30	1,107
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 17	Mar. 17	572
5097	14. SMITH G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	May 13	May 13	551
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Apr. 1	Apr. 1	1,350
5716	16. SPENCER, C. J., Telegraphy; Telephony	Feb. 26	Feb. 25	975
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Mar. 21	Mar. 12	865
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Mar. 21	Mar. 11	590
4006	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 25	Mar. 21	759
6705	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	May 4	May 6	478
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	May 7	May 9	497
3000	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	Apr. 27	Apr. 27	673
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 9	†Nov. 12	338
5083	24. DUBAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May 12	May 5	688
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Apr. 15	Apr. 13	643
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Apr. 7	Apr. 8	571
3708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Feb. 1	Feb. 1	1,150
4628	28. SOLYOM, E. L., Internal-Combustion Engines	Apr. 30	Apr. 22	420
5892	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Jan. 21	Jan. 21	1,151
4082	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 9	Feb. 14	867
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	May 9	May 6	629
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	June 2	May 21	631
4096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 2	Apr. 22	943
5625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Apr. 18	Apr. 21	337
3670	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Apr. 4	Apr. 6	830
7802	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Feb. 23	Feb. 28	642
3884D	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Feb. 10	Feb. 1	971
3094	38. KRAPFT, C. P., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Jan. 22	Jan. 3	929
8278	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Mar. 30	Mar. 30	647
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Mar. 5	Mar. 5	1,529
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 11	Apr. 1	325
3882	42. CUTTING, H. O., Electric Signaling	Jan. 8	†Dec. 14	828
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Mar. 19	Mar. 30	740
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Mar. 8	Mar. 7	751
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 25	Apr. 4	801
4613	46. TAYLOR, M., Evaporators, Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Costing Implements and Machines.	Apr. 1	Apr. 1	609
4082	47. LOWE, E. R. (Act.), Clutches; Brakes	Apr. 4	Apr. 4	715
3721	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Apr. 8	Apr. 8	531
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 13	Jan. 28	1,035
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 15	Apr. 15	866
3628	51. BACKUS, C. D., Radiant Energy	Apr. 25	Apr. 25	841
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	May 2	Apr. 30	875
3887	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Apr. 4	Apr. 5	746
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	May 25	May 23	491
5883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 7	Mar. 2	1,188
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Mar. 6	Mar. 6	1,123
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 11	Mar. 28	516
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Apr. 2	Apr. 4	462
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Mar. 9	Mar. 12	749
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Mar. 26	Mar. 26	569
5724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 19	Feb. 17	790
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 2	May 2	633
4889	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	May 5	May 16	344
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 17	Mar. 17	1,214
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 12	Feb. 16	722
3099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND — Trade-Marks	June 6	July 16	1,237
	Labels and Prints	July 22	July 22	187
2805	Designs: H. H. KALUPY	June 27	July 29	945

DECISIONS IN PATENT AND TRADE-MARK CASES

Supreme Court of the United States

CROWN CORK & SEAL COMPANY, INC.

v.

FERDINAND GUTMANN CO. INC.

No. 72. Decided May 2, 1938

[303 U. S. —]

1. DIVISIONAL APPLICATIONS—CONTINUITY.

Where an applicant canceled the disclosure of certain subject matter and claims drawn thereto from a parent application but had previously filed a divisional application disclosing, but not claiming, said subject matter and filed a second divisional application disclosing and claiming said matter more than two years after a patent was issued on his parent application, *Held* that as abandonment was not pleaded as a defense, and as applicant's disclosure was continuously before the Patent Office, clearly without any significance adverse to applicant is the fact that he formally canceled one disclosure from his first application and with it claims thought by the circuit court of appeals broad enough to cover the disclosure. The continuity so maintained shows that applicant intended to retain, not to abandon, the disclosed invention.

2. SAME—DELAY IN FILING.

"It is clear that, in the absence of intervening adverse rights, the decision in *Webster Co.* v. *Splitdorf Co.* does not mean that an excuse must be shown for a lapse of more than two years in presenting the divisional application. Where there is no abandonment, mere delay in filing a divisional application for not more than two years after an intervening patent or publication, does not operate to enlarge the patent monopoly beyond that contemplated by the statute."

ON WRIT of certiorari to the United States Circuit Court of Appeals for the Second Circuit.

Reversed and remanded.

BLACK, J., dissenting.

Mr. John J. Darby, (*Mr. Thomas G. Haight, Mr. George P. Scull*, and *Mr. George W. Porter* with him on the brief) for petitioner.

Mr. William E. Warland (*Mr. Francis H. Warland* and *Mr. Nathaniel L. Leek* with him on the brief) for respondent.

Mr. Justice BUTLER delivered the opinion of the Court.

Petitioner sued respondent in the district court for eastern New York to enjoin infringements of patents, two of which are here involved. One is Warth reissue patent, No. 19,117, dated March 20, 1934. The other is Warth patent, No. 1,967,195, dated July 17, 1934, a divisional patent. Both relate to methods for applying small disks of paper or foil, known as center spots, to cork cushions of crown caps. These caps are used to seal bottles containing pressure beverages. The center spot prevents contact of the liquid with the cork. The district court adjudged both patents valid and infringed. 14 F. Supp. 255. The circuit court of appeals reversed, holding the reissue patent not infringed and the divisional one invalid because of laches in filing the application on which it was granted. 86 F.(2d) 698.

The questions presented by the petition for the writ, granted 302 U. S. 664, are these:

1. "Does this Court's decision in *Webster Co.* v. *Splitdorf Co.* [264 U. S. 463, 327 O. G. 219] mean that, even in the absence of intervening adverse rights, an excuse must be shown for a lapse of more than two years in presenting claims in a divisional application regularly filed and prosecuted in accordance with Patent Office rules?"

2. "Where there has been more than two years' delay in asserting specific claims in a divisional application, is it an excuse for the delay that there were claims in the parent patent which, on their face, covered and were reasonably believed to cover, the subject-matter of the divisional claims, even if a court later interpreted the parent patent claims not to cover such subject-matter?"

Our consideration of the case will be limited to these questions. *Washington Coach Co.* v. *Labor Bd.*, 301 U. S. 142, 146. *Morehead* v. *N. Y. ex rel. Tipaldo*, 298 U. S. 587, 604, 605. *Clark* v. *Williard*, 294 U. S. 211, 216. *Alice State Bank* v. *Houston Pasture Co.*, 247 U. S. 240, 242. The first calls for decision upon a single point. It specifically assumes the absence of intervening rights and that the application was appropriately made. There is no question as to the validity of either the original or reissue patents.

Warth filed his first application January 7, 1927 and his second November 7, 1930.[1] From these came the original patent, January 6, 1931. It was to correct an error in the specification that the reissue patent was granted. Before issue of the original patent Johnson, November 26, 1929, filed application on which a patent issued April 5, 1932. April 4, 1933, two years and four months after the original patent was granted Warth, he carved from his second application a divisional one in which he copied the claims of the Johnson patent. In the interference declared upon the conflict, the Patent Office held Warth's divisional application entitled to the filing date of his first one, and awarded the claims of the Johnson patent to him as prior inventor. These are the claims held too late by the circuit court of appeals.

The claims of the reissue patent involved are shown in the margin.[2] The important feature is simultaneous application of pressure and heat to

[1] The first application extended to materials to be used in making center spots as well as to methods for applying them. The second application, because of a requirement of the Patent Office, omitted disclosures as to materials but included those as to methods that the first contained.

[2] Claim 1. "The improved method of manufacturing caps of the type having an interior disc of cushion material provided on its exposed face with a center spot, which comprises providing spot material in strip form having one surface formed of an exposed continuous coating of water resistant adhesive which is normally hard at room temperature but becomes tacky upon the application of heat and having another surface to be exposed to the contents of a capped container, cutting from said strip a facing spot having one surface completely coated with said adhesive with a cap disposed beneath the portion of the strip from which the spot is cut, whereby the cutting operation positions the spot upon the cushion material with the coating between the spot and the cushion material, and upon assembly applying simultaneously to the spot pressure and sufficient heat to render the adhesive tacky, thereby causing the spot to adhere to the cushion material, and thereafter permitting the adhesive to cool and harden."

Claim 3 repeats the words of claim 1 and adds these words, "while subjecting the assembled unit to pressure."

the center spot to make it stick to the cork cushion in the cap. Neither these nor any other claims of the patent specify means to be employed to furnish the heat. The claims in suit of the divisional patent[1] cover means to supply heat to be applied to the center spots when subjected to pressure. The important feature is "heating the pads [cork cushions] in the caps" before placing the spots upon them.

The first application, January 7, 1927, stated:

"It may be desirable to secure the metal foil spot in position, prior to the heat and pressure steps, sufficiently to prevent dislodgement of the spot during any interval between assembling and final sticking. This may be accomplished, for example, by preheating the assembled crown, to soften the coating as soon as the metal foil spot is deposited."

That application contained claims, construed by the circuit court of appeals to be broad enough to cover that disclosure. The Patent Office called for drawings to illustrate means for carrying out the method claimed. Accordingly, Warth showed, by way of illustration, that heat might be furnished by the punch used to cut the spots from the adhesive material and place them upon the cork in the cap, where by the same stroke of the plunger, they might be subjected to pressure. When he filed the drawings, December 3, 1930, he canceled from the first application the statement just quoted and canceled the claims originally filed. The second application had already been filed. Both contained another statement:

"In carrying out the invention according to what is now considered the best practice, the coating will be softened by heat after the crown is assembled. This may be accomplished in any suitable manner, as by a heated plunger or a plunger and heated table. The heat softens the coating and renders it adhesive. . . ."

So far as concerns the question under consideration, it is broad enough to include means for supplying heat by the punch as shown by the drawings, and the preheating method claimed in the divisional application.

The district court found no adverse use of the preheating method prior to the filing date of the application for the reissue patent. The circuit court of appeals did not disturb that finding. It found that Warth's disclosure of the preheating method was continuously before the Patent Office from the date of his first application, but that there was no claim for the preheating method on file from December 3, 1930, until April 4, 1933, when he filed application for the divisional patent. It held, citing *Webster Co.* v. *Splitdorf Co.*, *supra*, that prima facie the two year limit applies to divisional applications, and that an applicant who waits longer before claiming an invention disclosed in his patent must justify his delay by proof of some excuse. It said (86 F.(2d) 702),

"No such excuse appears here. Had Warth chosen to retain in his parent application broad generic claims which might cover the preheating method, then indeed the Splitdorf rule might not be applicable . . . But . . . for a period of more than two years Warth apparently did not wish to claim the preheating method, having deliberately canceled the preheating specification from his original application and shaped his claims so as to exclude it and his patent having been granted January 6, 1931. He made no claim for preheating until more than two years thereafter, namely, April 4, 1933. In the meantime a patent containing claims for the preheating method had been granted to Johnson on April 5, 1932, and it was Warth's discovery of this fact which stirred him to action. As in the Splitdorf case, had it not been for this competitor, Warth might never have considered the subject worth claiming as an invention."

The court meant that Warth had really abandoned his invention. See *Western Electric Co.* v. *General Talking Pictures Co.*, 91 F.(2d) 922, 927.

[1] But, as abandonment was not pleaded as a defense, R. S. § 4920, and as Warth's disclosure was continuously before the Patent Office, clearly without any significance adverse to the petitioner is the fact that Warth formally canceled one disclosure from his first application and with it claims thought by the circuit court of appeals broad enough to cover the disclosure. The continuity so maintained shows that Warth intended to retain, not to abandon, the disclosed invention. See *Godfrey* v. *Eames*, 1 Wall. 317, 325–326. *Clark Blade & Razor Co.* v. *Gillette Safety Razor Co.*, 194 Fed. 421, 422.

This case is not like *Webster Co.* v. *Splitdorf Co.*, *supra*. In that case, there came here the question of the validity of claims of a patent issued to Kane in 1918. In 1910 Kane had filed his first application, on which patent issued in 1916. In 1913 a patent covering the same subject-matter issued to the Podlesaks, to whom a reissue patent was granted in 1915. Later in 1915, Kane filed a divisional application which copied the claims of the Podlesak patent. They were decided in favor of the Podlesaks. Thereafter, June 17, 1918, Kane amended his divisional application by adding claims which were allowed, and September 24, 1918, patent issued to Webster Electric Company, Kane's assignee. In 1915, it had brought the suit against the Splitdorf Company. October 25, 1918, it filed a supplemental bill bringing in claims of the patent issued September 24, 1918.

This Court pointed out (p. 465) that the claims in question—

"were for the first time presented to the Patent Office, by an amendment to a divisional application eight years and four months after the filing of the original application, five years after the date of the original Podlesak patent, disclosing the subject matter, and three years after the commencement of the present suit."

We suggested that it was doubtful whether the claims were not so enlarged as to preclude allowance under the original application; we found that Kane, deeming their subject-matter not invention, did not intend to assert them, and, prior to 1918, did not entertain an intention to have them covered by patent. During all of this time their subject

[1] These claims are fully indicated immediately below. The insertions in brackets give equivalent terms used in the claims of the reissue patent.

Claim 1. "The method of assembling linings [center spots] for sealing pads [cushion material] in receptacle closure caps, consisting in providing caps with sealing pads therein and a web of lining material arranged with an adhesive surface non-viscous at normal temperature, heating the pads in the caps, severing linings from the web of lining material and assembling the linings as they are severed from the web in the caps with the adhesive surface in contact with the heated pads to render the adhesive viscous and effect adhesion of the linings of the pads."

Claim 2 repeats the words of claim 1 and adds these words, "and then placing the linings in the caps under heat and pressure to effect an intimate adhesion between the linings and pads."

Claim 3 repeats the words of claim 1 and the addition of claim 2 and adds these words, "and then placing the linings assembled in the caps under pressure during the cooling thereof."

matter was disclosed and in general use; Kane and his assignee simply stood by and awaited developments. It was upon the reasons so stated that this Court declared (p. 466)—

"We have no hesitation in saying that the delay was unreasonable, and, under the circumstances shown by the record, constitutes laches, by which the petitioner lost whatever rights it might otherwise have been entitled to."

[2] Upon a review of earlier cases we condemned the lower court's statement (283 Fed. 83, 93) that *Chapman* v. *Wintroth*, 252 U. S. 126, 272 O. G. 913, fixed the time within which application for a divisional patent might be made at two years from date of the issue of the parent patent. We showed that the Chapman case held that an inventor, whose application disclosed but did not claim an invention later patented to another, was not required within one year after issue of the other patent, to file divisional application claiming the invention and so to raise issue of interference, but that, by analogy, the two-year period under R. S. § 4886[4] applied rather than the one-year period of R. S. § 4894,[5] and that the opinion did not fix a hard and fast rule to be applied in every case of a divisional application. Then we said (p. 471):

"Our conclusion, therefore, is that, in cases involving laches, equitable estoppel, or intervening private or public rights, the two-year time limit prima facie applies to divisional applications, and can only be avoided by proof of special circumstances justifying a longer delay. In other words, we follow in that respect the analogy furnished by the patent reissue cases."

That statement is not directly applicable to the precise question of laches upon which the case turned, but was made in reference to the question arising upon the lower court's erroneous interpretation of *Chapman* v. *Wintroath*. See *Wagenhorst* v. *Hydraulic Steel Co.*, 27 F.(2d) 27, 29–30. *Wirebound Patents Co. et al.* v. *Saranac*, 37 F.(2d) 830, 840–841. *Utah Radio Products Co.* v. *Boudette*, 78 F.(2d) 793, 799. It is clear that, in the absence of intervening adverse rights, the decision in *Webster Co.* v. *Splitdorf Co.* does not mean that an excuse must be shown for a lapse of more than two years in presenting the divisional application. Where there is no abandonment, mere delay in filing a divisional application for not more than two years after an intervening patent or publication, does not operate to enlarge the patent monopoly beyond that contemplated by the statute. By R. S. § 4886, delay in filing an application for not more than two years after an intervening patent or publication does not bar a patent unless the invention "is proved to have been abandoned." See *Wirebound Patents Co. et al.* v. *Saranac*, 37 F.(2d) 830, 840, 841; 65 F.(2d) 904, 905, 906. And, as none need be shown, there is no occasion to decide whether the facts stated in the second question are sufficient to constitute an excuse for the delay referred to.

As our decision is limited to the first question presented, the judgment of the circuit court of appeals will be reversed and the case will be remanded to that court for decision of the other issues in the case in accordance with this opinion.

It is so ordered.

Mr. Justice CARDOZO and Mr. Justice REED took no part in the consideration or decision of this case.

BLACK, J., (dissenting).

This Court declared in *Webster Co.* v. *Splitdorf Co.*, 264 U. S. 463, 466, 471:

"In suits to enforce reissue patents, the settled rule of this Court is that a delay for two years or more will 'invalidate the reissue *unless the delay is accounted for and excused by special circumstances, which show it to have been not unreasonable.*' . . .

"Our conclusion, therefore, is that in cases involving *laches, equitable estoppel or intervening private or public rights*, the two year limit *prima facie applies to divisional applications* and can only be avoided *by proof of special circumstances justifying a longer delay.* In other words, we follow in that respect the analogy furnished by the patent reissue cases." [Italics supplied.]

The rule announced in the Splitdorf case was based upon a long line of decisions of this Court extending from *Miller* v. *Brass Co.*, 104 U. S. 350, decided in 1882.

The majority opinion abandons the principle of the Splitdorf case that either laches *or* equitable estoppel *or* intervening private rights *or* intervening public rights—in the absence of *proved special circumstances*—bars a divisional patent after a lapse of an unreasonable length of time—prima facia two years. It is now held that neither laches nor equitable estoppel may alone invalidate a patent without proof of "intervening adverse rights." The authorities relied on in the Splitdorf case emphasized the right of the public—apart from provable adverse use by individuals—to require an applicant to pursue his right to a patent diligently and without enlargement of claims *after filing an original application.*[1]

"Any practice by the inventor and applicant for a patent through which he deliberately and without excuse

[4] R. S. § 4886, as amended March 3, 1897 (29 Stat. 692): "Any person who has invented or discovered any new and useful art, machine, manufacture, or composition of matter, or any new and useful improvements thereof, not known or used by others in this country, before his invention or discovery thereof, and not patented or described in any printed publication in this or any foreign country, before his invention or discovery thereof, or more than two years prior to his application, and not in public use or on sale in this country for more than two years prior to his application, unless the same is proved to have been abandoned, may, upon payment of the fees required by law, and other due proceeding had, obtain a patent therefor." [The statute has since been amended, but not to change the two-year period. See 35 U. S. C. § 31.]

Cf. R. S. § 4887 (35 U. S. C. § 32), relating to inventions patented abroad; R. S. § 4897 (35 U. S. C. § 38), relating to renewal application after failure to comply with requirement as to payment of final fee; R. S. § 4920 (35 U. S. C. § 69), relating to defense of prior invention.

[5] R. S. § 4894, as amended March 3, 1897 (29 Stat. 693). "All applications for patents shall be completed and prepared for examination within one year after the filing of the application, and in default thereof, or upon failure of the applicant to prosecute the same within one year after any action therein, of which notice shall have been given to the applicant, they shall be regarded as abandoned by the parties thereto, unless it be shown to the satisfaction of the Commissioner of Patents that such delay was unavoidable." [The statute has since been amended to reduce the period to six months. See 35 U. S. C. § 37.]

[1] See *Miller* v. *Brass Co.*, 104 U. S. 350, 355; *James* v. *Campbell*, 104 U. S. 356, 371; *Mahn* v. *Harwood*, 112 U. S. 354, 360; *Ives* v. *Sargent*, 119 U. S. 652, 662; *Topliff* v. *Topliff*, 145 U. S. 156, 170, 171; *Wollensak* v. *Sargent*, 151 U. S. 221, 228.

postpones beyond the date of the actual invention, the beginning of the term of monopoly, and thus puts off the free public enjoyment of the useful invention, is an evasion of the statute and defeats its benevolent aim."[3]

There is a further departure from the Splitdorf case in the holding that two years' delay in filing a divisional application after an intervening patent does not—*in the absence of actual abandonment of the invention*—bar the right to a "divisional" patent. Abandonment is but one of many grounds for invalidating a patent. Equitable estoppel, intervening public rights, or unjustified and unexplained laches were considered in the Splitdorf case and cases there relied on to be individually sufficient bars, without proof of abandonment. Unjustified delay and abandonment are separate defenses. If proof of abandonment is to be a prerequisite, laches as a separate defense is destroyed, although it has been recognized for more than fifty years. Unreasonable delay which serves to postpone the beginning of the seventeen year monopoly limitation, not only is possible without abandonment of the invention, but is highly probable. With the destruction of the defense of laches the public loses the benefit of the principle that—

"An inventor *cannot without cause* hold his application pending during a long period of years, leaving the public uncertain, whether he intends ever to prosecute it, and keeping the field of his invention closed against other inventions."[3]

The court of appeals following this settled principle—now abandoned—said:[4]

"We think they [claims in the patent] are invalid for *laches in filing the application for them.* (Citing *Webster Co. v. Splitdorf Co.*) . . . These circumstances [facts of this case] invite operation of the two year limitation designed to protect the public against obtaining in effect an extension of a patentee's monopoly *by apathy and unexcused delay* in bringing forward by divisional or reissue applications claims broader than those originally sought." [Italics supplied.]

While "divisional" applications have never been expressly authorized by statute the courts have long recognized their use as a part of Patent Office procedure. Petitioner's patent which the court of appeals found barred by laches was granted on a "divisional" application. Patent Office regulations which have limited each application for a patent to a single invention and have required a "division" of an application containing claims for two separate and distinct inventions, apparently gave rise to the procedural device of "divisional applications." The Court of Appeals of the District of Columbia acting in a special appellate capacity[5] and the Patent Office, have treated a "divisional," properly used, in some respects, as a substitute for an amendment. In accordance with this conception "divisionals" have been for certain purposes, treated as "continuations" of original applications and given the priority of original applications. The logical conclusion was reached that after an original application merged in a patent, a "divisional" application could not be attached to, or considered as a "continuation" of it, because "there was nothing to be continued."[6] After a patent is granted it passes "beyond the control and jurisdiction" of the Patent Office; the proceedings are closed and the application can neither be amended nor serve as the basis for a new "divisional" or "continuing" application.[7]

Here an application for a process patent was filed in 1927. November, 1930, in response to Patent Office requirement, a "divisional" application was filed for a *product* patent. January, 1931, a process patent was granted on the original application. More than two years after the original application had merged into a process patent another application designated as a "divisional" was filed (April 4, 1933), for a second process patent—here involved. The court of appeals found this delay of six years to be without justification or excuse. Disregarding the previously recognized requirement that justification and excuse must be proven for such delay, the majority now hold that an applicant can, for six years, delay his claim for an alleged discovery without excuse, justification, or reason for the delay. This is permitted despite the fact that unclaimed disclosure of the alleged invention had been made in the 1927 process application and in the 1930 product application.

Congress—given the power by the Constitution—has fixed the statutory limit of a patent monopoly at seventeen years.[8] By the procedural device of a "divisional" application, designed to protect rights granted an inventor by statute, petitioner has carved for itself priority monopoly rights, beginning in 1927 and lasting until 1951—twenty-four years, or seven years more than Congress has authorized.

In the remedy of reissue provided by statute for applicants whose claims fail to protect their entire discoveries,[9] Congress has been alert to protect the public from such an extension of monopoly. A reissue patent must be based on oath that an applicant's original patent failed to cover its actual invention as a result of accident, inadvertence or mistake, and runs only *for the unexpired portion of a seventeen year patent grant.* The use of "divisionals" or "continuations," no longer subject to the defense of laches or unreasonable delay, will permit an applicant to obtain, by a non-statutory procedural device, monopoly privileges denied by the reissue statute.

The essential additional claim in petitioner's 1934 "divisional" patent was only mentioned in the 1927 original application and the 1930 "divisional" application by way of casual suggestion and incidental illustration.[10] Even this casual suggestion was stricken from the 1927 application in December, 1930. These suggestive illustrations did not constitute parts of the inventions which the 1927 and 1930 applications sought to cover or secure.[11] The speculative suggestions—from separate applications for different inventions—are pieced together and held sufficient to "continue" the 1927 application (after its merger in a patent) and the 1930 application, as support for the retroactive operation of a claim made for the first time in 1933. As a result of the destruction of the defense of laches in applying for "divisional" applications, those familiar with a given field of industry may now insert speculative conjectures as disclosures in various applications and permit them to lie dormant until a competitor reduces speculation to practicality. Then, by the device of a "divisional," or if need be, as here, by "divisional" on "divisional," such a competitor can be pursued with infringement suits and harassed into surrendering his business to an ingeniously dilatory applicant.[12] Thus, sweeping, indefinite and unclaimed disclosures, and adroit use of "divisionals"—which laches and unreasonable delay are no longer sufficient to bar—are permitted to extend a patent's statutory life and to increase a patentee's reward beyond that granted by Congress.

"'The patent laws are founded in a large public policy to promote the progress of science and the useful arts. The public, therefore, is a most material party to, and should be duly considered in, every application for a patent. . . . But the arts and sciences will certainly not be promoted by giving encouragement to inventors to withhold and conceal their inventions for an indefinite time, or to a time when they may use and apply their inventions to their own exclusive advantage, irrespective of the public benefit, and certainly not if the inventor is allowed to conceal his invention to be brought forward in some after time to thwart and defeat a more diligent and active inventor, who has placed the benefit of his invention within the reach and knowledge of the public.'"[13]

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[3] *Woodbridge* v. *United States*, 263 U. S. 50, 56.
[4] *Fleming Machine Co.* v. *Keith*, 101 U. S. 479, 485.
[5] 86 F.(2d) 698, 702.
[6] *French* v. *Moore*, 211 U. S. 1, 9, 10; *Butterworth* v. *Hoe*, 112 U. S. 50, 60.

[6] *In re Spitteler*, 31 App. D. C. 271, 274, 275. ". . . 'it is well established that for one application to be a division, within the meaning of the law, of another, the two must at some time be co-pending. . . . *Sarfert* v. *Meyer*, 1902 C. D. 30; *In re Spitteler*, 31 App. D. C. 271, 1908 C. D. 374; . . . *Wainwright* v. *Parker*, 32 App. D. C. 431, 1909 C. D. 379. . . .

". . . An application cannot be considered as a continuance of a patent granted prior to the filing thereof, since after the application has eventuated into a patent there is nothing left pending before the Patent Office upon which it could act or to which the later application could attach. *In re Spitteler*, 31 App. D. C. 271, 134, O. G. 1301; *Wainwright* v. *Parker*, 32 App. D. C. 431, 142 O. G. 1115, 1909 C. D. 379."

Fessenden v. *Wilson*, 48 F.(2d) 422, 424.

[7] See *McCormick Machine Co.* v. *Aultman*, 169 U. S. 606, 608, 609.

[8] 35 U. S. C., Chapter 2, Sec. 40.

[9] 35 U. S. C., Chapter 2, Sec. 64.

[10] The essential additional claim of the 1934 divisional process patent was for "preheating" cork used in making bottle caps. The incidental reference to preheating in the 1927 application was as follows:

"It *may* be *desirable* to secure the metal foil in position, prior to the heat and pressure steps, sufficiently to prevent dislodgment of the spot during any interval between assembling and final sticking. This *may be accomplished, for example*, by preheating the assembled crown, to soften the coating as soon as the metal foil spot is deposited. Or the coating *may be softened* by moistening slightly with a solvent, such as benzol. In either case the coating becomes tacky enough to hold the metal foil from getting out of position during ordinary passage through assembling apparatus."

The 1930 divisional application for a product patent merely suggested that "*It may be desirable* to secure the spot in position, prior to the heat and pressure steps, sufficiently to prevent dislodgement of the spot during any interval between assembling and final sticking. *This may be accomplished*, for example, by preheating the assembled crown, to soften the coating, as soon as the metal foil is deposited." [Italics supplied.]

[11] Cf., *Corbin Cabinet Lock Co.* v. *Eagle Lock Co.*, 150 U. S. 38, 42, 43.

[12] Cf., *Atlantic Works* v. *Brady*, 107 U. S. 192, 200.

[13] *Woodbridge* v. *United States*, *supra*, 61.

Supreme Court of the United States

GENERAL TALKING PICTURES CORPORATION
v.
WESTERN ELECTRIC COMPANY, INC., ELECTRICAL RESEARCH PRODUCTS, ET AL.
No. 357. Decided May 2, 1938
[303 U. S. —]

1. PATENTS—LICENSE LIMITED TO CERTAIN USES.
Where a license under a patent was limited to the making and selling of the patented device for certain uses only and the licensee made a sale of the device for a different use and both the licensee and the purchaser knew the sale was outside the scope of the license, *Held* the purchaser was not "a purchaser in the ordinary channels of trade."

2. SAME—NON-EXCLUSIVE LICENSE—EFFECT OF.
A non-exclusive license under a patent amounts to no more than a waiver of the right to sue.

3. SAME—LICENSE LIMITED TO CERTAIN USES.
"Patent owners may grant licenses extending to all uses or limited to use in a defined field. • • • Unquestionably, the owner of a patent may grant licenses to manufacture, use or sell upon conditions not inconsistent with the scope of the monopoly."

4. SAME—SAME—INFRINGEMENT BY DIFFERENT USE.
Where a licensee holding a license limited to the making and selling of a patented device for certain uses sold a device for another use and the purchaser having knowledge of the facts leased the device for said other use, *Held* both are infringers of the patent.

5. CONTINUING APPLICATIONS—EFFECTIVE DATE.
The effective dates of the claims of continuing applications are those of the original applications. "In the absence of intervening adverse rights for more than two years prior to the original applications, the continuation applications were in time."

ON WRIT of certiorari to the United States Circuit Court of Appeals for the Second Circuit.

Affirmed.

BLACK, J., dissenting.

Mr. Samuel E. Darby, Jr., and *Mr. Ephraim Berliner* (*Mr. Joseph J. Zeiger* with them on the brief) for petitioner.

Mr. Merrell E. Clark (*Mr. Henry R. Ashton*, *Mr. F. T. Woodward*, *Mr. H. A. Pattison*, and *Mr. E. J. Driscoll* with him on the brief) for respondents.

Mr. Justice BUTLER delivered the opinion of the Court.

Three suits were brought by respondents against petitioner in the district court for the southern district of New York to restrain infringements, based on different patents for inventions in vacuum tube amplifiers which have been used in wire and radio telephony, talking motion pictures, and other fields. In all there were in suit seven patents. The cases were tried together and are treated as one. The lower courts held one of the patents invalid, and that ruling is not challenged here. They concurred in holding six of the patents valid and infringed by petitioner. 16 F. Supp. 293; 91 F.(2d) 922. This Court granted a writ of certiorari. 302 U. S. 674.

Under the caption "Questions presented" the petition for writ of certiorari submits the following:

"1. Can the owner of a patent, by means thereof, restrict the use made of a device manufactured under the patent, after the device has passed into the hands of a purchaser in the ordinary channels of trade, and full consideration paid therefor?

"2. Can a patent owner, merely by a 'license notice' attached to a device made under the patent, and sold in the ordinary channels of trade, place an enforceable restriction on the purchaser thereof as to the use to which the purchaser may put the device?

"3. Can an inventor who has filed an application for patent, showing and describing but not claiming certain

inventions, obtain a valid patent for said inventions by voluntarily filing a 'divisional' or 'continuation' application for said unclaimed inventions more than two years subsequent to public use of the said unclaimed inventions by him or his assignee or licensee?"

The brief supporting the petition contains specifications of error relating to decision of two other questions. One is whether, by acceptance and retention of royalties paid by the licensed manufacturer, respondents acquiesced in the infringement and are estopped from maintaining the suit. The other is whether the patents upheld are invalid because of anticipation by, or want of invention over, the prior patented art. That brief is confined to the three questions definitely stated in the petition. But petitioner's brief on the merits extends to the additional questions reflected by the specification of errors.

1. Our consideration of the case will be limited to the questions specifically brought forward by the petition. Rule 38, paragraph 2, contains the following.

"The petition shall contain only a summary and short statement of the matter involved and the reasons relied on for the allowance of the writ. A supporting brief may be included in the petition, but, whether so included or presented separately, it must be direct, concise and in conformity with rules 26 and 27. A failure to comply with these requirements will be a sufficient reason for denying the petition. . . ."

Evidently petitioner, by the "Questions presented" intended to state the issues it deemed to arise on its "statement of the matter involved", for neither the petition nor supporting brief purport to apply for review of any other question. Whether included in the petition, or separately presented, the supporting brief is not a part of the petition, at least for the purpose of stating the questions on which review is sought. The specifications of error in that brief do not expand or add to the questions stated in the petition; they serve merely to identify and challenge rulings upon which is grounded ultimate decision of the matter involved.

There is nothing in the lower courts' decision on either of the added questions to warrant review here. Whether respondents acquiesced in the infringement and are estopped depends upon the facts. Granting of the writ would not be warranted merely to review the evidence or inferences drawn from it. *Southern Power Co.* v. *Pub. Serv. Co.*, 263 U. S. 508. *United States* v. *Johnston*, 268 U. S. 220, 227. Moreover, the decision on that point rests on concurrent findings. They are not to be disturbed unless plainly without support. *United States* v. *Chemical Foundation*, 272 U. S. 1, 14. *United States* v. *McGowan*, 290 U. S. 592. *Alabama Power Co.* v. *Ickes*, 302 U. S. —. There is evidence to support them. Nor would the writ be granted to review the questions of anticipation and invention that petitioner argues, for as to them there is no conflict between decisions of circuit courts of appeals. *Layne &c. Co.* v. *Western Well Works*, 261 U. S. 387, 393, 314 O. G. 177. *Keller* v. *Adams-Campbell Co.*, 264 U. S. 314, 319–320, 327 O. G. 217. Cf. *Stilz* v. *United States*, 269 U. S. 144, 147–148, 342 O. G. 256. The writ did not issue to bring up either of these questions. *Crowell* v. *Benson*, 285 U. S. 22, 65.

One having obtained a writ of certiorari to review specified questions is not entitled here to obtain decision on any other issue. *Crown Cork & Seal Co.* v. *Gutmann Co.*, decided this day. Petitioner is not here entitled to decision on any question other than those formally presented by its petition for the writ.

2. The respondent American Telephone & Telegraph Co. owns the patents. Amplifiers having these inventions are used in different fields. One, known as the commercial field, includes talking picture equipment for theaters. Another, called the private field, embraces radio broadcast reception, radio amateur reception, and radio experimental reception. The other respondents are subsidiaries of the Telephone Company and exclusive licensees in the commercial field of recording and reproducing sound; during the time of the infringement alleged, they were engaged in making and supplying to theaters talking picture equipment including amplifiers embodying the inventions covered by the patents in suit. The petitioner also furnished to theaters talking picture equipment including amplifiers which embody the invention covered by the patents in suit. Respondents' charge is that by so doing petitioner infringes them.

The American Transformer Company was one of a number of manufacturers holding non-exclusive licenses limited to the manufacture and sale of the amplifiers for private use, as distinguished from commercial use. These licenses were granted by the Radio Corporation, acting for itself and the respondent Telephone Company, and were assented to by the latter. The Transformer Company's license was expressly confined to the right to manufacture and sell the patented amplifiers for radio amateur reception, radio experimental reception, and home broadcast reception. It had no right to sell the amplifiers for use in theaters as a part of talking picture equipment.

Nevertheless, it knowingly did sell the amplifiers in controversy to petitioner for that use. Petitioner admits that the Transformer Company knew that the amplifiers it sold to petitioner were to be used in the motion picture industry. The petitioner, when purchasing from the Transformer Company for that use, had actual knowledge that the latter had no license to make such a sale. In compliance with a requirement of the license, the Transformer Company affixed to amplifiers sold by it under the license a notice stating in substance that the apparatus was licensed only for radio amateur, experimental and broadcast reception under the patents in question. To the amplifiers sold to petitioner outside the scope of the license, it also affixed notices in the form described, but they were intended by both parties to be disregarded.

[1] Petitioner puts its first question in affirmative form:

"The owner of a patent cannot, by means of the patent, restrict the use made of a device manufactured under the patent after the device has passed into the hands of a purchaser in the ordinary channels of trade and full consideration paid therefor."

But that proposition ignores controlling facts. The patent owner did not sell to petitioner the amplifiers in question or authorize the Transformer Company to sell them or any amplifiers for use in theaters or any other commercial use. The sales made by the Transformer Company to petitioner were outside the scope of its license and not under the patent. Both parties knew that fact at the time of the transactions. There is no ground for the assumption that petitioner was "a purchaser in the ordinary channels of trade."

[2, 3] The Transformer Company was not an assignee; it did not own the patents or any interest in them; it was a mere licensee under a non-exclusive license, amounting to no more than a "mere waiver of the right to sue." *De Forest Co.* v. *United States*, 273 U. S. 236, 242. Pertinent words of the license are these:

"To manufacture . . . and to sell only for radio amateur reception, radio experimental reception and radio broadcast reception. . . ."

Patent owners may grant licenses extending to all uses or limited to use in a defined field. *Rubber Company* v. *Goodyear*, 9 Wall. 788, 799–800. *Gamewell Fire-Alarm Telegraph Co.* v. *Brooklyn*, 14 Fed. 255. *Dorsey Rake Co.* v. *Bradley Co.*, Fed. Cas. No. 4,015, 7 Fed. Cas. 946, 947. Robinson on Patents, §§ 808, 824. Unquestionably, the owner of a patent may grant licenses to manufacture, use or sell upon conditions not inconsistent with the scope of the monopoly. *Bement* v. *National Harrow Co.*, 186 U. S. 70, 93, 101 O. G. 887. *United States* v. *Gen. Elec. Co.*, 272 U. S. 476, 489. There is here no attempt on the part of the patent owner to extend the scope of the monopoly beyond that contemplated by the patent statute. Cf. *Carbice Corp.* v. *Am. Patents Corp.*, 283 U. S. 27, 33, 406 O. G. 3. *Leitch Mfg. Co.* v. *Barber Co.*, 302 U. S. —. There is no warrant for treating the sales of amplifiers to petitioner as if made under the patents or the authority of their owner. R. S. §§ 4884 and 4898 (35 U. S. C. §§ 40 and 47). *Moore* v. *Marsh*, 7 Wall. 515, 521. *Waterman* v. *MacKenzie*, 138 U. S. 252, 256, 54 O. G. 1562. *Gayler* v. *Wilder*, 10 How. 477, 494. *United States* v. *Gen. Elec. Co., supra.* Robinson on Patents, §§ 762, 763, 792, 806 *et seq.*

[4] The Transformer Company could not convey to petitioner what both knew it was not authorized to sell. *Mitchell* v. *Hawley*, 16 Wall. 544, 550. By knowingly making the sales to petitioner outside the scope of its license, the Transformer Company infringed the patents embodied in the amplifiers. *Rubber Co.* v. *Goodyear, supra. Bement* v. *National Harrow Co., supra. United States* v. *Gen. Elec Co., supra. Vulcan Mfg. Co.* v. *Maytag Co.*, 73 F.(2d) 136, 139. *L. E. Waterman Co.* v. *Kline*, 234 Fed. 891, 893. *Porter Needle Co.* v. *Nat. Needle Co.*, 17 Fed. 536. Petitioner, having with knowledge of the facts bought at sales constituting infringement, did itself infringe the patents embodied in the amplifiers when it leased them for use as talking picture equipment in theaters. *Mitchell* v. *Hawley, ubi supra. American Cotton-Tie Supply Co.* v. *Bullard*, Fed. Cas. No. 294, 1 Fed. Cas. 625, 629, 630. See Robinson on Patents, § 824. See *Holiday* v. *Mattheson*, 24 Fed. 185, 186. *General Electric Co.* v. *Continental Lamp Works*, 280 Fed. 846, 851. As petitioner at the time it bought the amplifiers knew that the sales constituted infringement of the patents embodied in them, petitioner's second question, as to effect of the license notice, need not be considered.

3. Petitioner's affirmative statement of its third question is:

"An inventor who has filed an application for patent showing and describing, but not claiming, certain inventions cannot obtain a valid patent for said inventions by voluntarily filing a 'divisional' or 'continuation' application for said unclaimed inventions more than two years subsequent to public use of the said unclaimed inventions by him or his assignee or licensee."

It makes that contention as to four patents: Arnold Patent No. 1,403,475, dated January 17, 1922; Arnold Patent No. 1,465,332, dated April 21, 1923; Arnold Patent No. 1,329,283, dated January 27, 1920; and Arnold Patent No. 1,448,550, dated March 13, 1923.

The district court and circuit court of appeals found that there was no public use of either of the inventions of the first two patents prior to the filing dates of the divisional applications upon which they issued. These findings were made upon adequate evidence and petitioner's contentions as to them will not be considered here.

[5] The subjects matter of the claims of the other two patents were disclosed in the original applications and were claimed in the continuation applications upon which they issued. The patentee's use was the only "public use" of the inventions covered by them. And that did not precede by as much as two years the filing of the original applications. The effective dates of the claims of the continuation applications are those of the original applications. In the absence of intervening adverse rights for more than two years prior to the original applications, the continuation applications were in time. R. S. § 4886 (35 U. S. C. § 31). *Crown Cork & Seal Co.* v. *Gutmann Co.*, decided this day.

Affirmed.

Mr. Justice ROBERTS, Mr. Justice CARDOZO, and Mr. Justice REED took no part in the consideration or decision of this case.

Mr. Justice BLACK (dissenting).

The decisions in this case and *Crown Cork & Seal Co.* v. *Gutmann Co.*, 303 U. S.—, decided this day, will inevitably result in a sweeping expansion of the statutory boundaries constitutionally fixed by Congress to limit the scope and duration of patent monopolies.

The area of the patent monopoly is expanded by the holding that the exclusive right granted an inventor to "make, use and vend" his patented commercial device, permits the inventor's corporate assignee (and other "patent pool" participants) to

of the patent statutes is justified.[10] I believe the judgment of the court of appeals should be reversed.

U. S. Court of Customs and Patent Appeals

FLORIDA CITRUS CANNERS COOPERATIVE

v.

CALIFORNIA FRUIT GROWERS EXCHANGE

No. 3,928. Decided March 28, 1938

[95 F.(2d) 512]

TRADE-MARKS — OPPOSITION — CONFUSING SIMILARITY— "SUNNY MIST" AND "SUNKIST".

Trade-mark "Sunny Mist" for canned citrus fruits and juices for food purposes *Held* confusingly similar to opposer's registered mark "Sunkist" for goods of the same descriptive properties.

APPEAL from Patent Office. Affirmed.

Mr. John F. Richter, Mr. Robert M. Gray, and *Mr. Bernard F. Garvey* for Florida Citrus Canners Cooperative.

Mr. Leonard S. Lyon, Mr. Richard F. Lyon, Mr. Frederick L. Lyon, and *Mr. Charles M. Thomas* for California Fruit Growers Exchange.

GARRETT, *P. J.:*

On September 29, 1934, appellant, a corporation organized under the laws of the State of Florida, filed an application in the United States Patent Office for registration of the notation "Sunny Mist" as a trade-mark for "canned citrus fruits and juices for food purposes," alleging use of the mark "since September 17, 1934." The first letter "S" of the first word is larger than the other letters of that word, and the "M" in "Mist" is of an unconventional style.

Following publication of the notice of application in the OFFICIAL GAZETTE of the Patent Office, appellee filed notice of opposition, basing same upon its prior ownership, registration and use of the notation "Sunkist" as a trade-mark for various citrus products, including oranges, lemons, grapefruits, and by-products such as juices from the fresh **citrus fruits.**

The Examiner of Interferences, finding the goods of the respective parties to be "substantially identical," held that "the concurrent use of these marks in trade would be reasonably likely to result in confusion in trade," and sustained the opposition. Upon appeal, his decision was affirmed by the Commissioner of Patents, acting through an Assistant Commissioner.

Appellant thereupon brought the matter to this court for review.

No testimony was offered on behalf of appellant. On behalf of appellee a somewhat elaborate record consisting of testimony and various exhibits was presented.

As we view the case, the issue is a simple one which requires no elaborate discussion. Admittedly, the goods are of the same descriptive properties and the conclusion turns upon the similarity of the marks.

It is argued on behalf of appellant that its mark is dissimilar from the mark of appellee in that it consists of two words, the first of which has two syllables and the last of which, "Mist", differs in form and meaning from the suffix, "kist", of appellee's one-word, two-syllable mark, "Sunkist". It is also said in appellant's brief:

> Since appellant's trade-mark is primarily used on grapefruit juices it may properly be construed to be suggestive of appellant's product. "Mist" connotes moisture, and "sunny" is colloquially interpreted to mean health, happiness, etc. Consequently, there is a decided difference in the meaning of appellant's and appellee's marks; in addition there is a difference in the so-called "get up" of the two marks and in their use on labels.

Appellant also advances the somewhat novel argument that appellee's mark is so well and widely known that there would be little likelihood of confusion by the use of appellant's proposed mark.

In addition, there are cited a number of decisions by this and other courts where words bearing certain features of resemblance were held not to be confusingly similar.

All the arguments have been given respectful consideration, but we are unable to escape the conclusion that appellant's mark so closely simulates that of appellee as to bring it under the ban of the statutory provision,

> "That trade-marks which * * * so nearly resemble a registered or known trade-mark owned and in use by another and appropriated to merchandise of the same descriptive properties as to be likely to cause confusion or mistake in the mind of the public or to deceive purchasers shall not be registered."

In sound, unless very, very clearly enunciated, there is a similarity, and even in appearance there are points of resemblance, as, for example, the size of the first letter "S" in both marks. The "Sun" portion of the marks is identical and, to our minds, there is in these cases a certain dominance, at least of meaning, or suggestiveness, in this prefix.

Appellant directs attention to a quotation from a decision of the Commissioner of Patents in *Ashland Refining Co.* v. *United Collieries, Inc.,* 20 U. S. Pat. Q. 171, 24 T. M. Rep. 68, 1934 C. D. 20:

> There is a practical objection to the practice of extending trade-mark protection too freely. It is extremely difficult today to adopt a mark that is new. * * * Over 300,000 trade-marks are registered in the United States Patent Office and it has been estimated that only one out of five in actual use is registered. This would mean that over a million and a half trade-marks are in use today, approximately three times as many as there are words in the English language. In view of rapidly advancing economic conditions care must be taken not to give to a trade-mark an exaggerated scope of protection. * * *

We do not attempt to interpret the meaning of the Commissioner in the foregoing, further than to say that evidently he did not regard it applicable in the instant case, and to add that we feel sure it was not intended by him to imply that closely resembling marks might be registered for application to merchandise of the same descriptive properties where confusion would likely result therefrom. That would be to disregard or nullify the statute.

The decision of the Commissioner of Patents is affirmed.

Affirmed.

[10] Cf., "The patent law was designed for the public benefit, as well as for the benefit of inventors. . . . '. . . A term of fourteen [now seventeen] years was deemed sufficient for the enjoyment of an exclusive right of an invention by the inventor; but if he may delay an application for his patent, at pleasure, although his invention be carried into public use, he may extend the period beyond what the law intended to give him.'" *Shaw* v. *Cooper,* 7 Peters, 292, 320, 322.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,328,107, S. B. Waring, Expansion joint strip; 1,339,094, F. C. Bowman, Preformed expansion joint strip, D. C., E. D. Mich. (Detroit), Doc. 5491, *Construction Materials Patents, Inc.,* v. *S. Bottenfield (Asphalt Specialty Co.).* Consent decree for plaintiff holding patents valid and infringed (notice June 14, 1938).

1,329,283, 1,398,665, H. D. Arnold, Thermionic amplifier; 1,349,252, same, Method of and means for utilizing thermionic currents; 1,403,475, same, Vacuum tube circuit; 1,448,550, same, Thermionic amplifier circuit; **1,465,332, same, Vacuum tube amplifier;** 1,520,994, same, Electron discharge amplifier; 1,453,982, B. W. Kendall, Electrical receiving or repeating apparatus and method of operating same; 1,493,595, D. G. Blattner, Amplifying with vacuum tubes; 1,544,921, R. C. Mathes, Amplifier circuit, D. C. Minn., 4th Div., Doc. E 2804, *Western Electric Co., Inc., et al.* v. *Cinema Supplies, Inc., et al.* Consent decree for plaintiffs as to 1,329,283, 1,398,665, 1,403,475, 1,453,982, 1,465,332 and 1,520,994, injunction May 28, 1938. Bill dismissed as to 1,349,252, 1,448,550, 1,493,595 and 1,544,921 Dec. 3, 1936.

1,332,545, R. de Felippis, Variable steering device for vehicles; 1,357,491, same, Automatic steering device for vehicles, C. C. A., 2d Cir., Doc. —, *The Automatic Toy Corp.* v. *Buddy "L" Mfg. Co., Inc.* Decree affirmed June 20, 1938.

1,339,094. (See 1,328,107.) 1,349,252. (See 1,329,283.)

1,357,491. (See 1,332,545.) 1,398,665. (See 1,329,283.)

1,403,475. (See 1,329,283.)

1,406,562, T. J. Hruby, Traction wheel lug; 1,647,019, T. G. Schmeiser, Grouser, D. C., S. D. Calif. (Los Angeles), Doc. E 896–M, *T. G. Schmeiser Co.* v. *M. A. Turner et al.* Patents held valid and infringed, injunction June 20, 1938.

1,448,550. (See 1,329,283.) 1,453,982. (See 1,329,283.)

1,455,141, Lowell & Dunmore, Radio receiving apparatus; 1,606,212, same, Power amplifier; 1,635,117, same, Signal receiving system, C. C. A., 4th Cir., Doc. 4261, *P. D. Lowell et al.* v. *A. G. Triplett et al.* Decree affirmed insofar as it dismisses bill with respect to 1,455,141 and 1,635,117, and reversed insofar as it sustains validity of 1,606,212 June 11, 1938.

1,465,332. (See 1,329,283.)

1,472,897, C. E. Anderson, Steel newel post; 1,497,505, W. H. Guy et al., Scraper; 1,963,665, R. G. Le Tourneau, same; 2,112,105, same, Telescoping scraper, filed June 6, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4273–S, *R. G. Le Tourneau, Inc.,* v. *Woolridge Tractor Equipment Co. et al.*

1,493,595. (See 1,329,283.) 1,497,505. (See 1,472,897.)

1,508,504, J. de S. Brown, Heel for boots and shoes; 1,988,242, Gugger & Barentzen, Artificial wood composition and method of making same, filed June 11, 1938, D. C., S. D. N. Y., Doc. E 87/160, *Comolite Corp.* v. *H. Davidowitz et al.*

1,520,994. (See 1,329,283.)

1,537,944, 1,537,945, R. Hufford, Governor for internal combustion motor; 1,584,929, Handy & Bull, Governor; 2,048,423, A. A. Bull, Stabilizer for suction governors, D. C., E. D. N. Y., Doc. E 8237, *Handy Governor Corp.* v. *General Carburetor Sales Co., Inc.* Decree for plaintiff June 20, 1938.

1,537,945. (See 1,537,944.) 1,544,921. (See 1,329,283.)

1,564,378, H. Stein et al., Bleached and dyed fur; 1,573,200, same, Process of bleaching and dyeing furs, filed June 15, 1938, D. C., S. D. N. Y., Doc. E 87/168, *Steinfur Patents Corp.* v. *Mendoza Fur Dyeing Works, Inc., et al.*

1,573,200. (See 1,564,378.)

1,583,046. (See Re. 17,263.)

1,584,929. (See 1,537,944.) 1,606,212. (See 1,455,141.)

1,635,117. (See 1,455,141.)

1,637,391, T. C. Russell, Electric heating structure; 1,838,003, A. O. Samuels, Method of making metallic shells; Des. 82,226, same, Sad iron cover; Des. 84,599, Des. 84,759, same, Electric waffle iron; Des. 84,758, same, Electric hot plate; Des. 91,180, same, Electric toaster; 1,975,329, J. P. MacSweeney, Fastening means for electric heating pads, D. C., N. D. Ohio, E. Div., Doc. 5415, *Samson-United Corp. et al.* v. *Dominion Electrical Mfg. Co.* Consent decree June 20, 1938.

1,639,209, 1,801,995, 1,823,233, I. C. Bell, Tubing stripper, D. C., E. D. Tex. (Tyler), Doc. E 987, *The Guiperson Corp.* v. *Hinderliter Tool Co.* Dismissed June 7, 1938.

1,647,019. (See 1,406,562.) 1,801,995. (See 1,639,209.)

1,803,957. (See 2,043,732.) 1,823,233. (See 1,639,209.)

1,826,648. (See 2,043,732.) 1,838,003. (See 1,637,391.)

1,840,463. (See Re. 17,263.)

1,855,003. (See Re. 18,550.)

1,894,328, C. Schlumberger, Electrical device for the determination of specific resistivity; 1,913,293, same, Electrical process for the geological investigation of the porous strata traversed by drill holes, D. C., S. D. Calif., C. Div., Doc. E 873–R J. *Schlumberger Well Surveying Corp.* v. *Geoanalyzer Corp.* Decree for plaintiff finding 1,894,328 valid and infringed June 9, 1938.

1,905,107, A. H. Kersting, Sash balance; 1,907,830, same, Spring sash balance housing, filed June 13, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1403–M, *A. H. Kersting* v. *W. H. Fabry et al.*

1,907,830. (See 1,905,107.) 1,913,293. (See 1,894,328.)

1,944,580. (See 2,055,728.)

1,958,409. (See Re. 20,024.)

1,963,665. (See 1,472,897.) 1,973,888. (See 2,055,728.)

1,975,329. (See 1,637,391.) 1,988,242. (See 1,508,504.)

1,998,426. (See Re. 18,550.)

2,024,723. (See Re. 19,520.)

2,026,947, 2,026,948, W. E. Leibing, Method and apparatus for governing flow lines; 2,068,298, same, Method and apparatus for operating an internal combustion engine; 2,081,825, Leibing & Fageol, Governor, D. C., E. D. N. Y., Doc. E 8320, *Leibing Automotive Devices, Inc.,* v. *E. A. Wildersmith.* Decree for defendant June 20, 1938.

2,026,948. (See 2,026,947.)

2,042,439. (See Re. 20,624.)

2,043,732, Bragg & Kliesrath, Brake mechanism for automotive vehicles; 1,803,957, 1,826,648, same, Power actuator, filed June 16, 1938, D. C., N. D. Calif., S. Div., Doc. E 4276–R, *Bragg-Kliesrath Corp.* v. *D. F. Searle.*

2,048,423. (See 1,537,944.)

2,051,013, H. E. Schulse, Art of beverage conditioning and dispensing; 2,098,211, same, Art of brew cooling, filed June 10, 1938, D. C., N. D. Ohio, Doc. 5740, *H. E. Schulse* v. *J. Panagopoulos (Sanitary Direct Draw Co.) et al.*

2,055,728, M. Popper, Seam for garments; 1,944,580, 1,973,888, V. J. Sigoda, Pinking attachment for sewing machines, suit for declaratory judgment, D. C., S. D. N. Y., Doc. E 85/131, *Man-Sew Pinking Attachment Corp.* v. *Topstitch Machine Corp. et al.* Consent order of discontinuance (notice June 13, 1938).

2,056,820, R. A. Bradley et al., Tank vehicle; Des. 95,219, Bradley & Norguist, Trailer tank, filed May 19, 1938, D. C., S. D. Ga. (Savannah), Doc. E 349, *Butler Mfg. Co.* v. *The Steel Products Co., Inc.*

2,068,298. (See 2,026,947.) 2,081,825. (See 2,026,947.)

2,098,211. (See 2,051,013.) 2,112,105. (See 1,472,897.)

Re. 17,263, 1,840,463, V. Mulholland, Method and apparatus for annealing glassware; 1,583,046, H. W. Ingle, Lehr for annealing glassware, C. C. A., 4th Cir., Dec. 4273, *Hartford-Empire Co.* v. *Swindell Bros., Inc., et al.* Decree of Apr. 21, 1938, set aside, rehearing granted June 10, 1938.

Re. 18,550 (of 1,855,003), J. Snarck, Fagoting embroidery and method of manufacturing same; 1,998,426, same, Device for folding and initially hot-pressing marginal edges of slits in fabric, filed June 13, 1938, D. C., S. D. N. Y., Doc. E 87/162, *J. Snarck* v. *M. Sipoda et al.* (*Manhattan Scalloping & Embroidery Works*).

Re. 19,520, T. J. Dykema, Bottle closure and liquid dropper; 2,024,723, same, Fitment, D. C., S. D. N. Y., Doc. E 85/105, *T. J. Dykema* v. *N. P. Steckler.* Dismissed without prejudice June 9, 1938.

Re. 20,024, M. J. Kohler, Apparatus for treating nuts; 1,958,409, Des. 89,347, same, Nut buttering machine, D. C., N. D. Calif. (San Francisco), Doc. E 3941–S and E 4133–S, *National Nut Co. of Calif.* v. *Sontag Chain Stores Co., Ltd.* Decree holding non-infringement; bill dismissed with prejudice May 24, 1938.

Re. 20,624 (of 2,042,439), L. J. White, Storage and dispensing apparatus for liquefied gas, D. C. Kans. (Wichita), Doc. 1009–N, *Southern Steel Co.* v. *Mid-Continent Butane Equipment Co.* Consent decree holding patent valid and infringed June 13, 1938.

Des. 82,226. (See 1,637,391.)

Des. 84,599. (See 1,637,391.)

Des. 84,758. (See 1,637,391.)

Des. 84,759. (See 1,637,391.)

Des. 88,021. (See Des. 88,652.)

Des. 88,021, W. Willheim, Textile fabric; Des. 88,318, H. S. Murray, same, D. C., S. D. N. Y., Doc. E 73/311, *Wm. Willheim Co., Inc.*, v. *R. H. Macy & Co., Inc.* Dismissed without prejudice June 16, 1938.

Des. 88,211. (See Des. 88,652.)

Des. 88,315. (See Des. 88,652.)

Des. 88,316. (See Des. 88,652.)

Des. 88,318. (See Des. 88,021.)

Des. 88,464. (See Des. 88,652.)

Des. 88,652, Des. 88,464, Des. 88,021, Des. 88,211, C. R. Hellman, Textile fabric; Des. 88,315, Des. 88,316, H. S. Murray, same, D. C., S. D. N. Y., Doc. E 73/305, *Wm. Willheim Co., Inc.*, v. *Rose Silk Mills, Inc., et al.* Dismissed without prejudice (notice June 16, 1938).

Des. 89,347. (See Re. 20,024.)

Des. 91,180. (See 1,637,391.)

Des. 91,490, Des. 93,564, H. Lewy, Advertising display card, filed June 20, 1938, D. C., S. D. N. Y., Doc. E 87/173, *H. Lewy* v. *Hoffman Beverage Co.*

Des. 93,564. (See Des. 91,490.)

Des. 95,219. (See 2,056,820.)

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,854,150, L. T. Robinson, Sound recording, decided August 2, 1938, claims 6, 7, 8, and 9.

Pat. 1,994,614, R. P. Lansing, Electrical apparatus, decided June 13, 1938, claim 1.

Pat. 2,013,992, J. K. Roberts and G. W. Watts, Stabilization of gasoline, decided June 13, 1938, claim 1.

Pat. 2,037,382, R. C. Kepner, Railway car construction, decided July 29, 1938, claim 1.

Pat. 2,060,484, E. R. Barrett, Tank truck and fluid circulating system, decided July 14, 1938, claims 1, 2, 3, and 6.

Pat. 2,092,913, A. H. Fiske, Detergent composition, decided August 3, 1938, claim 4.

Design Pat. 100,699, Sam Kornblum, Design for a Percolator Urn or Similar Article, decided July 14, 1938, the claim as shown.

Disclaimers

1,924,082.—*Edward L. Barrett*, Chicago, Ill. MOTOR ACTUATED CIRCUIT CONTROLLING MEANS. Patent dated August 22, 1933. Disclaimer filed August 4, 1938, by the assignee, *Utah Radio Products Company*; the patentee, assenting.

Hereby enters this disclaimer to claims 2, 3, 4, 5, 6, 7, and 8 of said specification.

2,113,724.—*Abraham L. Freedlander* and *Joseph Rockoff*, Dayton, Ohio. VENEER ROLL. Patent dated April 12, 1938. Disclaimer filed July 26, 1938, by the assignee, *The Dayton Rubber Manufacturing Company*; the patentees, joining and concurring.

Hereby enters this disclaimer to claim 11 of said Letters Patent.

Notices of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., July 29, 1938.*

P. Centemeri & Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Bernstein & Sons Shirt Corp., 200 Fifth Avenue, New York, N. Y., to effect the cancellation of trade-mark registration No. 185,074, issued June 3, 1924, to P. Centemeri & Co., 334 Fourth Avenue, New York, N. Y., and a notice of such proceeding sent by registered mail to said P. Centemeri & Co. at said address having been returned by the post office as undeliverable, notice is hereby given that unless said P. Centemeri & Co., its assigns or legal representatives, shall enter an appearance within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, D. C., Aug. 8, 1938.*

White Goods Mfg. Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Carson Pirie Scott & Company, 366 West Adams Street, Chicago, Ill., to effect the cancellation of trade-mark registration No. 199,778, issued June 16, 1925, to White Goods Mfg. Co., 901–911 West Jackson Boulevard, Chicago, Ill., and a notice of such proceeding sent by registered mail to said White Goods Mfg. Co. at said address having been returned by the post office as undeliverable, notice is hereby given that unless said White Goods Mfg. Co., its assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, AUGUST 23, 1938

[VOL. 493. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 397,170. THE BARRETT COMPANY, New York, N. Y. Filed Sept. 7, 1937.

Barrett

Applicant is the owner of Reg. Nos. 87,311 of July 9, 1912, 87,312 of July 9, 1912 effected under the 10-year proviso, and Reg. No. 284,461 of June 30, 1931.

For Pitch, Tar, Bituminous Materials for Compounding Rubber, and Asphalt for Use in the Manufacturing Arts, Particularly in the Manufacture of Rubber Goods, Paints, and Waterproof Materials.

Claims use since Jan. 1, 1893, on pitch, tar, and asphalt; since 1920 on said bituminous materials.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 402,386. SCOTT-GAAFF CO., INC., South San Antonio, Tex. Filed Jan. 27, 1938.

CADET-CRAFT

For Luggage Bags.
Claims use since Oct. 22, 1937.

Ser. No. 407,435. KADIN BROS. INCORPORATED, New York, N. Y. Filed June 13, 1938.

RAMBLER

For Ladies' Handbags and Pocketbooks.
Claims use since January, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 404,310. GOYESCAS CORP., New York, N. Y. Filed Mar. 21, 1938.

Alma de España

The word "Espana" is disclaimed apart from the mark.
For Soap.
Claims use since Feb. 28, 1938.

Ser. No. 404,338. THE J. R. WATKINS COMPANY, Winona, Minn. Filed Mar. 21, 1938.

Clara King

The signature is that of Mary King, daughter of applicant's president.
For Complexion Soap.
Claims use since Mar. 10, 1930.

Ser. No. 405,013. CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill. Filed Apr. 8, 1938.

GRINDMASTER

For Grinding and Polishing Wheels.
Claims use since Mar. 10, 1938.

Ser. No. 407,427. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed June 13, 1938.

TEC-NI-CLENE

The word "Clene" is disclaimed apart from the mark.
For Dry Cleaning Solvent.
Claims use since June 1, 1938.

Ser. No. 407,855. ERLO PRODUCTS, INC., Muncie, Ind. Filed June 24, 1938.

PURACHIP

For Soap Flakes, Soap Chips, and Washing Powders.
Claims use since June 6, 1938.

Ser. No. 408,212. STANDARD ALCOHOL COMPANY, Wilmington, Del. Filed July 5, 1938.

Petrohol

For Cleaning Fluid.
Claims use since 1925.

CLASS 5

Adhesives

Ser. No. 407,463. HERCULES POWDER COMPANY, Wilmington, Del. Filed June 14, 1938.

TEXTAC

For Synthetic, Resinous Material Used as an Adhesive in Binding Pigments to Paper, Cloth to Cloth, Paper to Paper, Metal to Paper, Leather to Leather, Etc.
Claims use since Apr. 14, 1938.

Ser. No. 408,162. I. F. LAUCKS, INC., Seattle, Wash. Filed July 2, 1938.

ALCAREZ

For Glue.
Claims use since June 23, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 390,488. FRANK W. EPPERSON, doing business as Viteen Company, Oakland, Calif. Filed Mar. 22, 1937.



The words "Treatment Supreme for Hair and Scalp Shampoo" are disclaimed apart from the mark.
For Shampoo Preparation for the Hair and Scalp.
Claims use since Sept. 11, 1933.

Ser. No. 391,982. ZENITH PRODUCTS COMPANY, Cleveland, Ohio. Filed Apr. 28, 1937.



All wording except the notation "K-9" is disclaimed apart from the mark.
For Disinfectant, Wash, and Medicine for Animals, Recommended for Ringworm, Eczema, Mange, Cuts, and Sores.
Claims use since May 8, 1936.

Ser. No. 399,132. JEAN PAUL FERNEL, Chicago, Ill. Filed Oct. 30, 1937.

LANDA

For Medicinal Preparation for Developing the Breast.
Claims use since May 8, 1933.

Ser. No. 399,586. WISCONSIN ALUMNI RESEARCH FOUNDATION, Madison, Wis. Filed Nov. 10, 1937.

UVO

For Vitamin D Concentrate in Milk Constituents for Use in Foods Where Milk is Used as an Ingredient.
Claims use since Nov. 2, 1937.

Ser. No. 399,977. POND'S EXTRACT COMPANY, New York, N. Y. Filed Nov. 20, 1937.

POND'S
COLD CREAM
Contains a "Skin-Vitamin"
CLEANSES
CLEARS SOFTENS SMOOTHS

Applicant is owner of T. M. Reg. No. 215,081 effected under the ten-year proviso. No claim is made to the words "Cold Cream", "Contains a Skin Vitamin", "Cleanses Clears Softens Smooths" apart from the mark.
For Cold Creams.
Claims use since Nov. 3, 1937.

Ser. No. 402,877. ARNOLD URVATER, Paris, France. Filed Feb. 9, 1938.

HORMOHEPATINE

For Medicinal Products for Obesity.
Claims use since 1936.

Ser. No. 402,879. ARNOLD URVATER, Paris, France. Filed Feb. 9, 1938.

HORMOSVELTINE

For Medicinal Products for Liver Ailments.
Claims use since 1936.

Ser. No. 403,448. FRANKLIN E. EVERSON, doing business as Limray Co., New York, N. Y. Filed Feb. 26, 1938.

LIMRAY

For Sunburn Preparations.
Claims use since Feb. 23, 1938.

Ser. No. 403,512. JULES MALIGE, Lapwai, Idaho. Filed Feb. 28, 1938.

J. Malige
Compounds

The word "Compound" is disclaimed apart from the mark. The trade-mark "J. Malige" is a facsimile of applicant's signature.
For Preparation for the Treatment of Tuberculosis and Consumption.
Claims use since December, 1937.

Ser. No. 404,021. VERMONT MAPLE TREE SUGAR CO., Burlington, Vt. Filed Mar. 12, 1938.

X-it

For Cough Syrup.
Claims use since October, 1937.

Ser. No. 404,189. EDWARD H. SPIRO, JR., doing business as the Essco Products Co., New York, N. Y. Filed Mar. 17, 1938.

ESSCO

For Pet Shop Supplies—Namely, Mite Powder.
Claims use since August, 1937.

Ser. No. 404,311. GOYESCAS CORP., New York, N. Y. Filed Mar. 21, 1938.

Alma de España

The word "España" is disclaimed apart from the mark.
For Cologne and Toilet Water, Lipstick, Rouge, Cold Cream, Vanishing Cream, Skin Cream and Lotion, Cleansing Cream, Face and Talcum Powders, and Perfume.
Claims use since Feb. 28, 1938.

Ser. No. 404,606. HOUBIGANT, INC., New York, N. Y. Filed Mar. 29, 1938.

EAU FLORALE CONCENTREE

HOUBIGANT

Applicant is the owner of Reg. 147,112, comprising the mark "Houbigant" effected under the ten-year proviso. No claim is made to the words "Eau Florale Concentrée" apart from the mark as shown.

For Perfume, Toilet Water.

Claims use since Mar. 1, 1937.

Ser. No. 405,473. ELIZABETH ARDEN, INC., New York, N. Y. Filed Apr. 20, 1938.

SUN FAIR

For Make-Up Complexion Box Containing the Following Toilet Articles, the Set Being Sold as an Entirety—Skin Lotion, Face Powder, Toilet Cream for Use After Exposure to the Sun, Lipstick, Rouge, and Eye Shadow.

Claims use since Apr. 11, 1938.

Ser. No. 406,084. ELIZABETH ARDEN, INC., New York, N. Y. Filed May 7, 1938.

SKY PINK

The word "Pink" is disclaimed apart from the mark.

For Lipstick, Face Powder, Perfume.

Claims use since May 4, 1938.

Ser. No. 406,088. FREDERICK A. BOCKMANN, doing business as Bocan Drug Co., Utica, N. Y. Filed May 7, 1938.



No claim is made for the term "36 Tablets" apart from the mark.

For Tablets for Relief of Pain.

Claims use since 1930.

Ser. No. 406,143. CAROL H. MERRITT AND CO., Fayette, Miss. Filed May 9, 1938.



Carol H. Merritt

The portrait and signature are those of applicant.

For Preparation for Treating Athlete Foot.

Claims use since Jan. 15, 1933.

Ser. No. 406,151. R AND H MEDICAL CO., Plymouth, Ind. Filed May 9, 1938.



For Preparation for the Treatment of Athlete's Foot, Ring Worm, Stubborn Eczema, Skin Ulcers, and Skin Eruptions.

Claims use since Apr. 18, 1938.

Ser. No. 406,208. NATHAN BERNSTEIN, doing business as Castill Chemical Company, Baltimore, Md. Filed May 11, 1938.

LIQUALOR

For Pharmaceutical Preparation Used in the Treatment of Skin Ailments Such as Eczema, Ringworm, Dandruff, Psoriasis, Athlete's Foot, or Any of its Symptoms.

Claims use since Feb. 1, 1937.

Ser. No. 406,209. NATHAN BERNSTEIN, doing business as Castill Chemical Company, Baltimore, Md. Filed May 11, 1938.

RESOLOR

For Pharmaceutical Preparation Used in the Treatment of Cutaneous Fungus Infections, Athlete's Foot or Any of Its Symptons.

Claims use since Feb. 1, 1937.

Ser. No. 406,448. GREENOSAN LIMITED, Colchester, England. Filed May 18, 1938.

CEETAMIN

For Medicated Preparations for Human Use Containing the Constituents of Vitamin C.

Claims use since Nov. 14, 1936.

Ser. No. 406,528. SOCIETE ANONYME CHIMIE & ATOMISTIQUE, Paris, France. Filed May 19, 1938.

MANDELIUM

For Preparation for the Treatment of Kidney Infections and Diseases of the Alimentary Tract.

Claims use since Nov. 7, 1936.

Ser. No. 406,608. UNITED DRUG COMPANY, Boston, Mass. Filed May 21, 1938.

UDI-GLOBIN

The word "Globin" is disclaimed apart from the mark.

For Hemoglobin-Forming Tonic.

Claims use since May 12, 1938.

Ser. No. 406,780. KAREKEEN H. SEWNY, M. D., New York, N. Y. Filed May 26, 1938.



For Soothing Salve.

Claims use since April 1, 1938.

Ser. No. 407,007. VINCENT CHRISTINA, INC., New York, N. Y. Filed June 2, 1938.



Applicant disclaims the words "Chemotherapeutic Specialties" except as shown.

For a Preparation Used in the Treatment of Angina Pectoris, Preparations Used in the Treatment of Gonorrhea, Preparations Used in the Treatment of Arthritis, a Preparation Used in the Treatment of Hypertension, a Preparation Used in the Treatment of Pneumonia, Preparations Used in the Treatment of Syphilis, a Preparation Used in the Treatment of Sinus, a Preparation Used as a Sedative, Preparations Used in the Treatment of Infections, a Preparation Used in the Treatment of Gout, a Preparation Used in the Treatment of Neoplasms, a Preparation Used in the Treatment of Calcium Deficiencies, a Preparation Used in the Treatment of Anemias, a Preparation Used in the Treatment of Arteritis, and a Preparation Used in the Treatment of Gastro Duodenal Ulcers.

Claims use since June, 1934.

Ser. No. 407,222. HALSEY DRUG CO. INC., Brooklyn, N. Y. Filed June 8, 1938.

BLUE CROSS

For Mineral Oils, Cod Liver Oil, Mouth Wash Antiseptic, Mouth Wash Astringent, Milk of Magnesia, Liquid and Solid Citrates and Carbonates; Sodium Perborate, Plain and Flavored; Antacid Powder, Saltpetre, Sodium Fluoride, White Henna, Tincture Green Soap, Castor Oil, Glycerine, Glycerine and Rose Water, Cream Tartar, Egyptian Henna, Epsom Salt, Fennel Seed, Flaxseed, Senna Pods, Sulphur, Alum, Anise Seed, Bicarbonate of Soda, Borax, Boric Acid, Orris Root, Camomile Flowers, Comp. Licorice, Henna Leaves, Oxalic Acid, Rochelle Salt, Senna Leaves, and Roach Powder.

Claims use since Jan. 1, 1936.

Ser. No. 407,447. EDGAR F. SMITH, doing business as Vitel', Storm Lake, Iowa. Filed June 13, 1938.



For Lotion for the Hands and Face.

Claims use since Mar. 4, 1936.

Ser. No. 407,557. PHYSICIANS AND HOSPITALS SUPPLY COMPANY, INC., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Filed June 16, 1938.

VELVETIA COLD CREAM

The words "Cold" and "Cream" are disclaimed.

For Cold Cream.

Claims use since June 15, 1926.

Ser. No. 407,824. EUGENE SCHUELLER, doing business as Laboratories de L'Ambre Solaire, Paris, France. Filed June 23, 1938.

AMBRE SOLAIRE

The word "Ambre" is disclaimed apart from the mark.

For Sun Tan Oil.

Claims use since May 16, 1935.

Ser. No. 408,052. THE DRUG PRODUCTS COMPANY, INC., Long Island City, N. Y. Filed June 30, 1938.

Liv-Vi-B

Applicant disclaims the notation "B" apart from the mark.

For Preparation for the Treatment of Anemic Conditions Put Up in Ampoul Form.

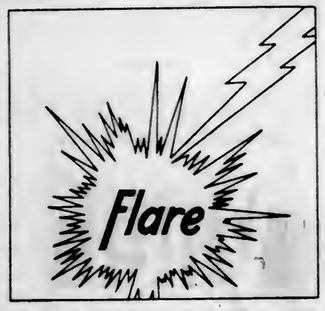
Claims use since May 23, 1938.

Ser. No. 408,070. HERMAN J. MOSKOWITZ, Mount Vernon, N. Y. Filed June 30, 1938.

TapeX

The word "Tape" is disclaimed apart from the mark.
For Preparation for Removing Adhesive Tape.
Claims use since May 30, 1938.

Ser. No. 408,085. THE BELL COMPANY, INC., doing business as Flare Laboratories, Chicago, Ill. Filed July 1, 1938.



For Liquid Radiator Cement, Powdered Radiator Cement, Radiator Rust Preventative, Radiator Cleaner, Hydraulic Brake Fluid, Shock Absorber Fluid, Knee Action Fluid, Snubber Fluid, Gasoline Gauge Fluid, Fire Extinguisher Fluid, Mechanics Blue, Soldering Paste, and Soldering Liquid, and Liquid Bug Remover.
Claims use since Apr. 14, 1938.

Ser. No. 408,336. AMFRE DRUG CO. INCORPORATED, New York, N. Y. Filed July 9, 1938.

SILMACOL

For Preparation Used in the Treatment of Antacid, Adsorbent, Antiseptic, and Antitoxic, in Gastric Ulcer, Gastric Hyperacidity, and Similar Disorders.
Claims use since June 9, 1938.

Ser. No. 408,450. BRUNSWIG DRUG CO., Los Angeles, Calif. Filed July 13, 1938.

Autocrat

For Men's Toiletries, Including Hair Dressing, Talcum Powder and Cologne.
Claims use since June 23, 1938.

Ser. No. 408,452. BRUNSWIG DRUG CO., Los Angeles, Calif. Filed July 13, 1938.

Dresdonette

For Full Line of Cosmetics, Including Face Powder, Rouge, Lipstick, Cold Cream, Emulsified Cleansing Cream, Tissue Cream, Foundation Cream, Liquefying Cleansing Cream, Skin Tonic, and Skin Lotion.
Claims use since June 23, 1938.

Ser. No. 408,509. THE RHINOPTO COMPANY, Dallas, Tex. Filed July 14, 1938.

RANAL'S

For Nose Drops.
Claims use since May 1, 1938.

Ser. No. 408,522. VITAMIN PRODUCTS CO., Montebello, Calif. Filed July 14, 1938.

VITASIX

For Medicinal Tablets Containing Vitamin Concentrates Useful to Correct Systemic Imbalances and Illnesses Which are the Result of Vitamin Deficiency, and Cleansing and Tissue Cream Containing Irradiated Vitamin D and Other Natural Vitamin Concentrates.
Claims use since Sept. 20, 1935.

Ser. No. 408,555. MIRIAM A. WEIL, Savannah, Ga. Filed July 15, 1938.



No claim is made to the word "Salve". The drawing is lined for green and red.
For Salve for External Use in Treatment of Carbuncles, Abscesses, Ring Worms, Athletic Feet, Trench Feet, and for Infections of All Kinds.
Claims use since Sept. 10, 1935.

Ser. No. 408,607. LONDON HOUSE, LTD., New York, N. Y. Filed July 18, 1938.

Bathes Devon Violets

Applicant disclaims the words "Devon Violets" apart from the mark.
For Perfume.
Claims use since March, 1933.

CLASS 7

Cordage

Ser. No. 407,637. MUNDIAL CORPORATION, Philadelphia, Pa. Filed June 18, 1938.



No claim is made to the representation of the goods apart from the mark.
For Binder Twine.
Claims use since June 9, 1938.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 403,390. BENJAMIN J. ARISMAN, doing business as Sentinal Alarm Company, Elkhart, Ind. Filed Feb. 25, 1938.

"SENTINEL"

For Blank-Cartridge Firing Burglar Alarms.
Claims use since Mar. 1, 1933.

CLASS 10

Fertilizers

Ser. No. 408,181. AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa. Filed July 5, 1938.

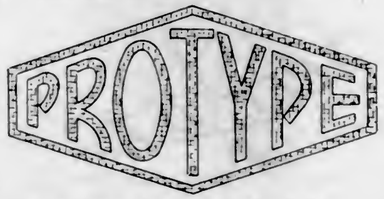
ROOTONE

For Preparations to Stimulate the Growth of Plants and the Germination of Seeds.
Claims use since June 8, 1938.

CLASS 11

Inks and Inking Materials

Ser. No. 403,145. PHILLIPS PROCESS INC., Rochester, N. Y. Filed Feb. 17, 1938.



For Carbon Paper Sheets and Ink Pads.
Claims use since Jan. 12, 1933.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 393,194. WICKWIRE SPENCER STEEL COMPANY, New York, N. Y. Filed May 24, 1937.



For Screw Hooks, Gate Hooks, and Screw Eyes, Wire Brads, Door Springs, Chain Link Fences; Torsion, Extension, Compression, Coil, and Flat Springs for General Use; Wire Nails, Poultry Nettings, Woven Wire Road Guard, Wire Cloth.
Claims use since May 1, 1934.

Ser. No. 402,243. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Filed Jan. 24, 1938.

MANOR HOUSE

For Pots and Pans Made of Enamel Ware, Tin Ware, Iron and Steel Ware, Galvanized Ware, Chrome Ware, and Aluminum Ware.
Claims use since Dec. 6, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 407,471. SECURITY ENGINEERING CO. INC., Whittier, Calif. Filed June 14, 1938.



The word "Drillable" is disclaimed apart from the mark.
For Aluminum Alloys Composed Principally of Aluminum, and Ingots, Castings, and Forgings Made Therefrom.
Claims use since Sept. 1, 1937.

Ser. No. 407,894. BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis. Filed June 25, 1938.



For Castings of Ferrous Metal.
Claims use since Feb. 6, 1933.

Ser. No. 407,896. BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis. Filed June 25, 1938.



For Castings of Ferrous Metal.
Claims use since Mar. 1, 1938.

Ser. No. 408,646. JACKSON-WHEELER METALS SERVICE, INC., Brooklyn, N. Y. Filed July 19, 1938.

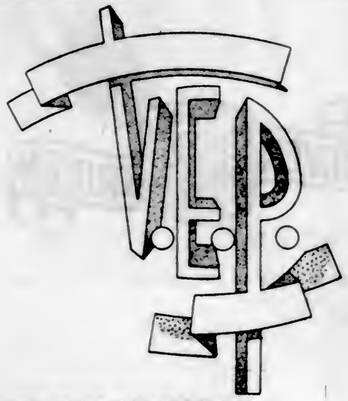
CADTEX

For Bearing Alloys, Babbitt Metals, and White-Metal Alloys Used as Anti-Frictional Media.
Claims use since July 13, 1938.

CLASS 15

Oils and Greases

Ser. No. 405,565. THE OHIO OIL CO., Findlay, Ohio. Filed Apr. 21, 1938.



For Lubricating Oils and Greases.
Claims use since Nov. 23, 1937.

Ser. No. 406,134. MILTON S. HURWITZ, Seattle, Wash. Filed May 9, 1938.

VELVOL

For Lubricating Oil.
Claims use since Feb. 1, 1938.

Ser. No. 406,784. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del. Filed May 26, 1938.

Happy Motoring!

For Gasoline and Lubricating Oils.
Claims use since May 2, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 406,571. BRO-KADE WALL FINISH CO., Milwaukee, Wis. Filed May 20, 1938.

BRO-KADE

For Paints in Ready-Mixed, Paste, and Dry Forms, and Varnishes.
Claims use since May 1, 1938.

Ser. No. 407,152. MADISON & SON, Great Falls, Montana. Filed June 6, 1938.



For Dance Floor Wax.
Claims use since May 10, 1938.

Ser. No. 407,252. WEAST BROTHERS, Landis, N. C. Filed June 8, 1938.



Applicant disclaims the words "Textile Non Ched Varnish" except as shown.
For Varnish.
Claims use since June 6, 1938.

CLASS 20

Linoleum and Oiled Cloth

Ser. No. 408,151. BIRD & SON, INC., East Walpole, Mass. Filed July 2, 1938.

PERMATRED

For Floor Covering of the Hard-Surfaced, Flexible Type Having on an Asphalt-Saturated Felt Base a Plastic Coating of Substantial Thickness Made from a Composition of Pitch and/or Asphalt, Wood Flour, and Mineral Matter.
Claims use since June 28, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 380,561. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 3, 1936.



Applicant disclaims the word "Tone" apart from the mark.
For Radio Receiving Sets.
Claims use since Mar. 30, 1936.

Ser. No. 402,151. BURNDY ENGINEERING COMPANY, INC., New York, N. Y. Filed Jan. 17, 1938.

Z

For Electrical Connectors.
Claims use since Dec. 15, 1934.

Ser. No. 404,705. GENERAL CABLE CORPORATION, New York, N. Y. Filed Mar. 31, 1938.

SUPER THERMAX

For Insulated Electrical Wires and Cables.
Claims use since Jan. 13, 1938.

Ser. No. 405,764. A. COHEN & SONS CORP., New York, N. Y. Filed Apr. 27, 1938.

KITCHEN QUEEN

For Electric Food Mixers, Electric Waffle Irons, and Electric Coffee Percolators.
Claims use since Mar. 15, 1938.

Ser. No. 406,044. BASTIAN-MORLEY CO., INC., La Porte, Ind. Filed May 6, 1938.

Selectric

For Electric Water Supply Heaters.
Claims use since Apr. 23, 1938.

Ser. No. 407,750. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed June 22, 1938.



For Storage Batteries.
Claims use since May 27, 1938.

Ser. No. 408,034. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed June 29, 1938.

AUTOMEAL

For Electric Roasters.
Claims use since May 19, 1938.

Ser. No. 408,035. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed June 29, 1938.



For Electric Roasters.
Claims use since May 19, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 405,946. VEREINIGTE SPIELWARENFABRIKEN ANDREAS FÖRTNER & J. HAFFNER'S NACHF. G. M. B. H., Nuremberg, Germany. Filed May 2, 1938.

TTR

TRIX TWIN RAILWAY

The words "Twin Railway" are disclaimed apart from the mark.
For Electric Railway Toys.
Claims use since Oct. 20, 1937.

Ser. No. 407,316. IRVING KING, Shreveport, La. Filed June 10, 1938.



For Golf Clubs.
Claims use since Apr. 1, 1937.

Ser. No. 407,872. THE MACGREGOR COMPANY, Dayton, Ohio. Filed June 24, 1938.

Align Grip

For Golf Clubs and Parts Thereof.
Claims use since Sept. 1, 1937.

Ser. No. 407,873. THE MACGREGOR COMPANY, Dayton, Ohio. Filed June 24, 1938.

THE GREATEST NAME IN GOLF

For Golf Clubs and Parts Thereof, Golf Balls, Golf Bags, Golf Markers, Golf Tees, and Golf Practice Devices.
Claims use since Jan. 4, 1938.

Ser. No. 407,906. OLIVER O. JENSEN, New York, N. Y. Filed June 25, 1938.

THE LOVE GAME

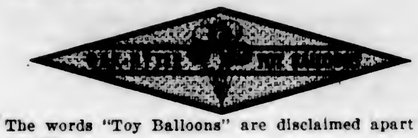
The word "Game" is disclaimed apart from the mark.
For Card and Board Game.
Claims use since June 18, 1938.

Ser. No. 408,150. HARVEY C. BARTHOLOMEW, Los Angeles, Calif. Filed July 2, 1938.

HUNCH

For Game of Chance Played with Concealed Numbers.
Claims use since June 17, 1938.

Ser. No. 408,285. THE OAK RUBBER COMPANY, Ravenna, Ohio. Filed July 7, 1938.



The words "Toy Balloons" are disclaimed apart from the mark.
For Toy Rubber Balloons.
Claims use since Mar. 20, 1938.

Ser. No. 408,407. FRED R. WILKIN, Cicero, Ill. Filed July 11, 1938.

DUCKY MITTS



No claim is made to the term "Mitts" apart from the mark.
For Mittens Adapted to Aid Men, Women, and Children in Learning to Swim, Said Mittens Having a Web Portion Between the Thumb and Body of the Mitten to Increase the Propulsion of the Swimming Stroke.
Claims use since Apr. 28, 1938.

Ser. No. 408,548. RUBBERCRAFT CORPORATION OF CALIFORNIA, LTD., Los Angeles, Calif. Filed July 15, 1938. For Exercisers.

OSO-EZ

Claims use since Mar. 1, 1938.

Ser. No. 408,549. LOUIS RUBIN, doing business as New York Toy & Game Manufacturing Co., New York, N. Y. Filed July 15, 1938.

STICKO

For Projectile Games.
Claims use since May 15, 1938.

Ser. No. 408,654. MILDRED NORTHERN MILLER, doing business as Mildred Miller's Gift Shop, Lexington, Va. Filed July 19, 1938.

Brother Rat

For Dolls.
Claims use since Dec. 3, 1937.

CLASS 23

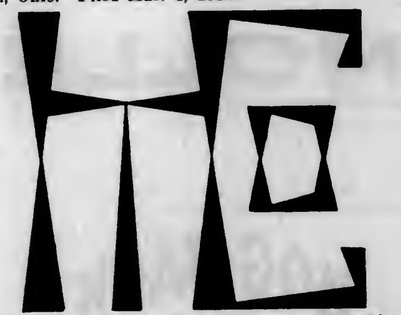
Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 401,173. AMERICAN RADIATOR COMPANY, New York, N. Y. Filed Dec. 23, 1937.

ARCO
THERMO

For Air Compressors and Circulating Pumps.
Claims use since Mar. 15, 1935.

Ser. No. 403,685. THE HAMILTON TOOL COMPANY, Hamilton, Ohio. Filed Mar. 4, 1938.



For Tools, Dies, Drills, Drill Jigs, and Machinery—Namely, Printing Presses, and Portable Elevator Tables Having Hoisting Machinery Therein Incorporated.
Claims use since Apr. 23, 1937.

Ser. No. 405,809. THE HALL PLANETARY COMPANY, Philadelphia, Pa. Filed Apr. 28, 1938.

CLEAN-LINE

For Milling Machines and Parts Thereof.
Claims use since Sept. 8, 1937.

Ser. No. 406,760. THE HAMILTON TOOL COMPANY, Hamilton, Ohio. Filed May 26, 1938.

PORTELVATOR

For Portable Elevator Tables and the Like.
Claims use since Sept. 1, 1937.

Ser. No. 406,787. TRICO PRODUCTS CORPORATION, Buffalo, N. Y. Filed May 26, 1938.

TRICO

For Fluid Operated Motors and Parts Thereof, Repair Part Assortment Kits and Adaptors.
Claims use since August, 1921.

Ser. No. 407,161. LANDON P. SMITH, INC., Irvington, N. J. Filed June 6, 1938.

RED BOY

For Glass Cutters.
Claims use since Apr. 26, 1938.

Ser. No. 405,446. LAUNDRY AGE PUBLISHING COMPANY, New York, N. Y. Filed Apr. 19, 1938.

CARPET CLEANING AGE

For Magazine Section.
Claims use since Mar. 1, 1938.

Ser. No. 405,447. LAUNDRY AGE PUBLISHING COMPANY, New York, N. Y. Filed Apr. 19, 1938.

DRY CLEANING AGE

For Magazine Section.
Claims use since Mar. 1, 1938.

Ser. No. 405,448. LAUNDRY AGE PUBLISHING COMPANY, New York, N. Y. Filed Apr. 19, 1938.

LINEN SUPPLY AGE

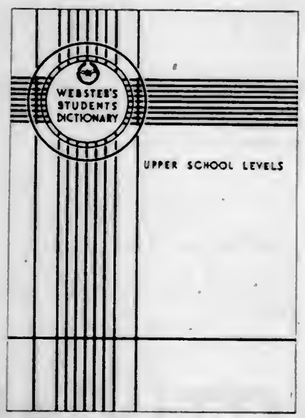
For Magazine Section.
Claims use since Mar. 1, 1938.

Ser. No. 405,702. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa. Filed Apr. 25, 1938.



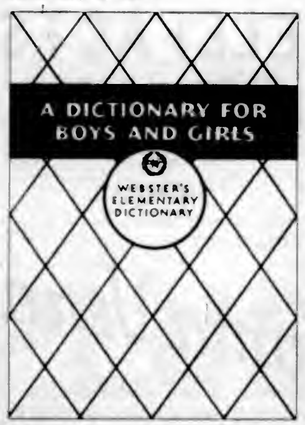
For Printed Sheets of Special Information Published at Irregular Intervals.
Claims use since Mar. 25, 1938.

Ser. No. 405,997. G. & C. MERRIAM COMPANY, Springfield, Mass. Filed May 4, 1938.



No claim is made to the outline of a book cover panel or to the words "Students Dictionary" or "Upper School Levels" except as shown.
For Books, Particularly Dictionaries.
Claims use since Feb. 23, 1938.

Ser. No. 405,999. G. & C. MERRIAM COMPANY, Springfield, Mass. Filed May 4, 1938.



No claim is made to the outline of a book cover panel or to the words "Elementary Dictionary" or "A Dictionary for Boys and Girls" except as shown.
For Books, Particularly Dictionaries.
Claims use since Aug. 14, 1935.

Ser. No. 406,203. VAN SANT DUGDALE & COMPANY, Baltimore, Md. Filed May 10, 1938.

SUCCESSFUL
Advertising

For Company House Organ.
Claims use since May 5, 1938.

Ser. No. 406,516. LINN CAMERA SHOP INC., Lansing, Mich. Filed May 19, 1938.

Linprints

For Photographic Prints.
Claims use since November, 1927.

Ser. No. 406,573. AMERICAN PHOTOGRAPHIC PUBLISHING CO., Boston, Mass. Filed May 21, 1938.

AMERICAN
PHOTOGRAPHY

The word "American" is disclaimed apart from the mark.
For Periodical.
Claims use since July, 1907.

Ser. No. 406,768. MOBILE DAILY NEWSPAPERS, INC., Mobile, Ala. Filed May 26, 1938.

THE MOBILE PRESS REGISTER

The word "Mobile" is disclaimed apart from the mark.
For Newspaper.
Claims use since May 26, 1903.

Ser. No. 406,769. MOBILE DAILY NEWSPAPERS, INC., Mobile, Ala. Filed May 26, 1938.

THE MOBILE REGISTER

The word "Mobile" is disclaimed apart from the mark.
For Newspaper.
Claims use since May 26, 1903.

Ser. No. 407,046. WILLIAM CUTTINO ACHURCH, Charleston, S. C. Filed June 3, 1938.

TRAVELETTE

For News Feature Published in a Periodical.
Claims use since Apr. 14, 1938.

Ser. No. 407,053. DALE CARNEGIE INSTITUTE OF EFFECTIVE SPEAKING AND HUMAN RELATIONS, New York, N. Y. Filed June 3, 1938.



Dale Carnegie

The name "Dale Carnegie" is a facsimile signature of the president of applicant corporation.
For Periodical Publications, Printed Books, and Bulletins Issued and Sold at Irregular Intervals.
Claims use since Jan. 10, 1938.

Ser. No. 407,632. FLORISTS' PUBLISHING COMPANY, Chicago, Ill. Filed June 18, 1938.

FLORISTS' REVIEW

For Weekly Publication.
Claims use since Jan. 1, 1933.

CLASS 39

Clothing

Ser. No. 385,371. WOHL SHOE COMPANY, St. Louis, Mo. Filed Nov. 10, 1936.

Paris Fashion Shoes
FIFTH AVENUE STYLES

Applicant disclaims the right to the exclusive use of the words "Shoes" and "Styles" and the words "Paris Fashion" apart from the mark.
For Shoes, Particularly for Ladies' and Misses' Shoes Made of Leather or Fabric or Combinations of the same.
Claims use since June 1, 1936.

Ser. No. 393,555. A. SCHAAP & SONS, doing business as Equator-Tex Company, New York, N. Y. Filed June 2, 1937.

Equator - Tex

For Men's and Boys' Suits and Overcoats.
Claims use since Apr. 15, 1937.

Ser. No. 394,237. LORD'S, Evanston, Ill. Filed June 18, 1937.

Northmoor

For Women's and Misses' Wearing Apparel—Namely, Dresses, Blouses, Foundation Garments, Hats, Hosiery; Leather, Fabric, and Rubber Gloves; Scarfs, Sweaters, Suits, Coats, Fur Coats; Leather, Fabric, and Rubber Shoes, and Leather and Fabric Sandals; Bathing Suits, Ski Suits, Belts for Outer Wear and Belts in the Nature of Garment Supporters, Knickers, Leather Jackets; and Infants' Dresses, Layettes, Petticoats, Caps, Bootees, and Coats.
Claims use since Apr. 2, 1937.

Ser. No. 396,605. MAIDWELL BRASSIERE & CORSET CO., New York, N. Y. Filed Aug. 20, 1937.

"EVEN·LITE"

The word "Lite" is disclaimed apart from the mark.
For Girdles, Corselettes, Brassières, and Bandeaux.
Claims use since June 21, 1937.

Ser. No. 399,153. H. O. RONDEAU SHOE CO., INC., Farmington, N. H. Filed Oct. 30, 1937.

SUNSHINE SANDALS

The word "Sandals" is disclaimed.
For Ladies' and Misses' Shoes Made of Leather, Canvas, Fabric, or Compositions or Combinations Thereof.
Claims use since Oct. 1, 1937.

Ser. No. 400,967. GOLDBLATT BROS. INC., Chicago, Ill. Filed Dec. 17, 1937.

GRO-DAILY HEALTH SHOES

The expression "Health Shoes" is disclaimed except as shown.
For Children's Shoes Constructed of Leather.
Claims use since Jan. 12, 1935.

Ser. No. 401,248. WAGNER & SÖHNE, Naunhof near Leipzig, Germany. Filed Dec. 27, 1937.



For Cotton Wearing Apparel for Men, Women, Boys, and Girls—Namely, Hats, Caps, Hosiery, Knickers, Outer Shirts, Undershirts, Union Suits, Drawers, Vests, Pullover Sweaters, Ear Caps, Knee Caps, Blouses, Dresses, Outer Skirts, Underskirts, Pajamas, Nightshirts, Gymnasium Suits, Bathing Suits, Neckties, Gloves Made of Leather or Fabric or Combinations Thereof, and Cummerbunds.
Claims use since 1936.

Ser. No. 402,316. THE JOHN SHILLITO COMPANY, Cincinnati, Ohio. Filed Jan. 25, 1938.

Carter Hall

For Men's Overcoats, Topcoats, and Suits, Consisting of Coats, Trousers, and Vests.
Claims use since Oct. 9, 1937.

Ser. No. 402,954. SIEGEL-LYTTLE, INC., New York, N. Y. Filed Feb. 11, 1938.

ALL AGE

For Articles of Apparel for Women, Misses, and Children—to wit, Street Dresses and Coats, Sport Dresses and Coats, Formal Dresses, Evening Wraps, Knitted Suits and Dresses; Shoes of Leather, Fabric or Combinations of Such Materials; Gloves of Leather or Fabric, Hats, Hosiery, Sweaters, Pajamas, Nightgowns, Slips, Brassières, Girdles, Bandeaux, Corsets, Panties, Bathing Suits, Outer Skirts, and Blouses.
Claims use since Jan. 10, 1938.

Ser. No. 403,661. M. J. SAKS SHOE CORP., New York, N. Y. Filed Mar. 3, 1938.

SPRY STEP

For Men's, Women's, and Children's Shoes, Slippers, and Sandals, Made of Leather, Imitation Leather, Rubber, Fabric, and Combinations of Said Materials.
Claims use since Feb. 26, 1936.

Ser. No. 404,121. CONVERSE RUBBER COMPANY, Malden, Mass. Filed Mar. 16, 1938.

CONVERSE COOLETTES SANITARY INSOLE

The phrase "Sanitary Insole" is disclaimed.
For Shoes Made of Rubber, Leather, Fabric, and Combinations Thereof.
Claims use since Jan. 2, 1938.

Ser. No. 404,122. O. J. DE LENDRECIE COMPANY, Fargo, N. Dak. Filed Mar. 16, 1938.

Gaudette

For Women's Under and Outer Wearing Apparel—Namely, Girdles, Brassières, Garter Belts; Combinations of Girdles, Brassières, and Garter Belts; House Coats, Negligees, Robes, Lounging Pajamas, Slips, Sleeping Pajamas, Panties, Bed Jackets, Vests, Lounging Gowns, Sweaters, Dresses, Coats, Suits, Skirts, Blouses, Swim Suits, Ski Suits, Snow Suits, Slacks, Play Suits; and Shoes Made of Leather, Fabrics, and Combinations of Both Leather and Fabric.
Claims use since Feb. 22, 1938.

Ser. No. 404,367. WM. KNOWLTON & SONS COMPANY, West Upton, Mass. Filed Mar. 22, 1938.

Thornton

No claim is made to the word "Thornton" except as shown.
For Women's Hats.
Claims use since Mar. 11, 1938.

Ser. No. 405,278. EDGAR B. WALTERS ORGANIZATION INCORPORATED, New York, N. Y. Filed Apr. 13, 1938.

THE ROYAL-SCOT SWEATER

The words "Scot" and "Sweater" are disclaimed apart from the mark.
For Sweaters of Textile Material.
Claims use since Jan. 30, 1937.

Ser. No. 405,766. SALVADOR CUETARA, Boston, Mass. Filed Apr. 27, 1938.

BOSTON QUALITY SHOES

The phrase "Boston Quality Shoes" is disclaimed.
For Shoes and Slippers Made of Leather, Rubber, or Fabric or of Various Combinations Thereof.
Claims use since Apr. 18, 1936.

Ser. No. 405,767. SALVADOR CUETARA, Boston, Mass. Filed Apr. 27, 1938.

THE Walkabout SHOE

The word "Shoe" is disclaimed.
For Shoes and Slippers Made of Leather, Rubber, or Fabric, or of Various Combinations Thereof.
Claims use since Apr. 18, 1936.

Ser. No. 406,048. CLEAR WEAVE HOSIERY STORES, INC., (Jamaica Plain), Boston, Mass. Filed May 6, 1938.

FIGURE BEAUTY

For Women's and Girls' Foundation Garments, Corsets, Brassières, and Girdles, and Various Combinations of Said Garments.
Claims use since Dec. 1, 1936.

Ser. No. 406,561. THE PATRICIA PETTICOAT CO., INC., New York, N. Y. Filed May 20, 1938.

RHYTHM BRA-SEE

The word "Bra" is disclaimed apart from the mark.
For Ladies' Silk or Rayon Slips, Petticoats, Nightgowns, Pajamas, Chemises, Brassières, Corsets, Undershorts, and Panties.
Claims use since Feb. 15, 1936.

Ser. No. 406,585. HANSEN GLOVE CORPORATION, Milwaukee, Wis. Filed May 21, 1938.

HANSEN gloves

No claim is made to the word "Gloves" apart from the mark.
For Leather and Fabric Gloves.
Claims use since Apr. 18, 1938.

Ser. No. 406,751. BEST & CO., INC., New York, N. Y. Filed May 26, 1938.

THE HAT *of the* MOMENT

The word "Hat" is disclaimed apart from the mark.
For Ladies', Women's, and Misses' Hats.
Claims use since May 21, 1938.

Ser. No. 406,761. WILLIAM ISAAC, New York, N. Y. Filed May 26, 1938.

The Tie Guild
SOLID SILK

The words "Tie" and "Solid Silk" are disclaimed except in connection with this mark.
For Neckties.
Claims use since Apr. 15, 1938.

Ser. No. 406,947. THE SIMONE COMPANY INC., New York, N. Y. Filed May 31, 1938.

THREE CHEERS

For Ladies' and Misses' Brassières, Girdles, Corsets, Step-In Girdles, Combination Corsets and Brassières, Panties, Step-Ins, Dance Sets Consisting of Brassières and Panties, Slips, and Undershirts Made of Knitted and Woven Fabrics of Silk, Rayon, Cotton, Wool, and/or Combinations Thereof.
Claims use since Mar. 1, 1938.

Ser. No. 407,049. AUGUSTA KNITTING CORPORATION, Utica, N. Y. Filed June 3, 1938.

Princess May

For Women's and Children's Underwear Including Slips, Sweaters, Bathing Suits, Children's Knitted Suits, Pajamas.
Claims use since Mar. 1, 1903.

Ser. No. 407,094. FAVORITE PANAMA HAT CO., INC., New York, N. Y. Filed June 4, 1938.

"SONNET" FLEX-O-COOL WATERPROOF "THE SUN HAT"

No claim is made to the words "Cool", "Waterproof", and "The Sun Hat" apart from the mark.
For Men's Hats.
Claims use since May 24, 1938.

Ser. No. 407,264. FRIEDMAN BLAU FARBER COMPANY, Cleveland, Ohio. Filed June 9, 1938.

Starmode

For Knitted Outerwear and Headwear—Namely, Caps, Hoods, Hockey Caps, Toques, Toboggan Caps, Parka Hoods, Scarfs, Gloves, Mittens, Dresses, Coats, Skirts, Twin Sweaters, Cordigans, and Suits.
Claims use since June 1, 1938.

Ser. No. 407,428. THE EASTERN ISLES IMPORTING CO., INC., New York, N. Y. Filed June 13, 1938.

JIM-JAMAS

For Pajamas, Nightgowns, House Coats, and Negligees.
Claims use since Mar. 2, 1938.

Ser. No. 407,740. J. SCHOENEMAN, INC., Baltimore, Md. Filed June 21, 1938.

KASHUR

For Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.
Claims use since June 15, 1938.

Ser. No. 407,869. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed June 24, 1938.

Twilora

For Women's and Misses' Skirts, Waists, Suits, Coats, Dresses, and Pajamas; Children's Rompers, Dresses, and Suits; Men's and Boys' Suits, Coats, and Trousers.
Claims use since Jan. 13, 1938.

Ser. No. 407,888. AARON TENENBAUM, doing business as Aarons Mfg. Co., New York, N. Y. Filed June 24, 1938.

Acecraft

For Dress, Negligee, and Work Shirts, and Shorts.
Claims use since January, 1938.

Ser. No. 407,926. WAMSUTTA MILLS, New Bedford, Mass. Filed June 25, 1938.

Velvacale

For Negligee Shirts, Shorts, Slacks, Dresses, Blouses, and Jackets for Men, Women, and Children.
Claims use since Nov. 19, 1937.

Ser. No. 408,003. BECKER CLOAK CO., INC., New York, N. Y. Filed June 29, 1938.

TUXEDORA

For Ladies' Coats and Suits.
Claims use since June 1, 1937.

Ser. No. 408,031. THE H. A. SEINSHEIMER COMPANY, Cincinnati, Ohio. Filed June 29, 1938.

Twinway

For Overcoats or Top Coats for Men and Young Men.
Claims use since October, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 400,791. ALFRED POSNER, Dorchester, Mass. Filed Dec. 13, 1937.

PIN-O-MATIC
WRIST MAGNET

Applicant disclaims the words "Pin" and "Wrist Magnet."
For Pin Holding Device in the Nature of Wrist Magnets.
Claims use since May 1, 1937.

Ser. No. 406,658. ALBERT H. SAUER, JR., doing business as A. Sauer & Company, Cincinnati, Ohio. Filed May 23, 1938.

KON-ITE

For Wrist Watch Straps and Parts Therefor.
Claims use since Mar. 3, 1938.

Ser. No. 407,250. RYERSON-BUNTY, INC., New York, N. Y. Filed June 8, 1938.

BUNTYPAC

For Art Needlework Package Outfits.
Claims use since May 31, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 396,513. SCHERMERHORN BROS. CO., Chicago, Ill. Filed Aug. 17, 1937.

STANDARD A-1

No claim is made to "Standard A–1" apart from the mark.
For Wall Canvas, Being a Cotton Fabric, Which is Sold by the Yard.
Claims use since Mar. 1, 1935.

Ser. No. 405,030. LOGANTEX INC., New York, N. Y. Filed Apr. 8, 1938.

Van-E-Tee

For Textile Fabrics in the Piece—Namely, Longcloths, Nainsooks, Batistes, Voiles, Lawns, Dimities, Organdies, Dotted Swisses, Broadcloths, Poplins, Satines, Non-Clings, Piques, Linenes, Nurses-Cloths, Linens, Waffle-Cloths, Seersuckers, Matelasses, Ratines, Cotton, Silk, Woolen, and Rayon Fabrics, in White, Colored, Print, Mercerized, Shrunk, Sanforized, Sheer, Soft, Crisp, Back-filled, Chamois, Firm, Permanent, Semi-Crisp, Opaque, Nurse's-Uniform, Lustrous, and Bleached Finishes, Woven from Combed or Carded Yarns.
Claims use since November, 1933.

Ser. No. 406,815. R. H. MACY & CO., INC., New York, N. Y. Filed May 27, 1938.

CHATELAINE

For Bed Spreads, Blanket Covers, Window Curtains, Draperies, Dressing Table Skirts, Linen Bands, Padding, Pads, Portieres, Scarf Sets, Shelving Made of Cloth, Furniture Slip Covers, Trimmings for Upholstery, Chaise Throws, and Upholstery Fabrics of Wool, Cotton, Silk, Rayon, Jute, and Combinations Thereof.
Claims use since Oct. 8, 1937.

Ser. No. 407,619. BROWN & KRUGER, INC., New York, N. Y. Filed June 18, 1938.



The representation of the tag per se and all notations except "Eye Appeal" are disclaimed apart from the mark.

For Table Napkins, Towels, Table Cloths Made of Cotton, Linen, Rayon, Mixtures of Linen and Cotton, Cotton and Rayon, or Mixtures of Cotton with Other Fabrics.

Claims use since January, 1937.

Ser. No. 407,642. RYAN CONVERTING CORPORATION, New York, N. Y. Filed June 18, 1938.

Filigree Prints

The word "Prints" is disclaimed.

For Piece Goods of Linen, Cotton, Linen and Cotton, Cotton and Wool, Silk and Rayon.

Claims use since January, 1937.

Ser. No. 407,785. AMERICAN-LONDON SHRINKERS CORP., New York, N. Y. Filed June 23, 1938.

GUARANTEED NATURAL AQUARIZED WATER SHRUNK

The words "Guaranteed Natural" and "Water Shrunk" are disclaimed apart from the mark.

For Textile Fabrics in the Piece, of Wool, Worsted, Silk, and Combinations Thereof.

Claims use since Jan. 18, 1937.

Ser. No. 407,840. MARTIN WEINER, doing business as Martin Weiner Co., New York, N. Y. Filed June 24, 1938.

LUCKY CHARM PRINT

The word "Print" is disclaimed apart from the mark.

For Rayon, Acetate, and Silk Fabrics in the Piece.

Claims use since June 1, 1938.

CLASS 43

Thread and Yarn

Ser. No. 383,848. THE MONARCH KNITTING CO., LIMITED, Dunnville, Ontario, Canada. Filed Oct. 1, 1936.

MONARCH DOVE

For Knitting Yarns.

Claims use since 1919.

CLASS 44

Dental, Medical, and Surgical Appliances

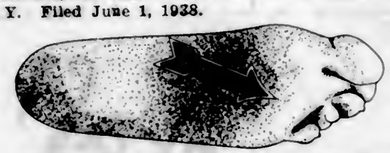
Ser. No. 393,249. JOHN LESTER JONES, Boulder, Colo. Filed May 24, 1937.

NASOSCOPE

For Apparatus for Vaporizing a Volatile Medicinal Solution into the Nasal Passages and Sinus.

Claims use since May 1, 1936.

Ser. No. 406,954. ARROWSMITH MFG. CO. INC., New York, N. Y. Filed June 1, 1938.



The words "Sore Spot" are disclaimed apart from the mark.

For Supports for the Arches and Other Parts of the Feet.

Claims use since 1917.

Ser. No. 407,817. THE KILLIAN MANUFACTURING COMPANY, Akron, Ohio. Filed June 23, 1938.

KILLIAN PERMA-TEX

No claim is made to the name "Killian" apart from the mark.

For Prophylactic Rubber Articles for the Prevention of Disease.

Claims use since June 2, 1932.

Ser. No. 407,858. GELLMAN MANUFACTURING COMPANY, Rock Island, Ill. Filed June 24, 1938.

BEAUTY BUILDER

For Combined Therapeutic Table and Cabinet.

Claims use since Jan. 10, 1938.

Ser. No. 408,421. ROY REGINALD DIVEL, San Clemente, Calif. Filed July 12, 1938.

MELCO

For Closer for the Lips of a Corpse.

Claims use since May 10, 1938.

Ser. No. 408,498. WILLIAM A. GILBERT, Milwaukee, Wis. Filed July 14, 1938.

ORCADENE

For Permanent Wave Pads.

Claims use since Oct. 1, 1937.

Ser. No. 408,557. THE WILLIAMS GOLD REFINING COMPANY, INC., Buffalo, N. Y. Filed July 15, 1938.

WILL-BAX

For Dental Casting Patterns.

Claims use since Jan. 10, 1938.

Ser. No. 408,577. JOSEPH ROBINSON, New York, N. Y. Filed July 16, 1938.

Medicated Heat

For Electric and Non-Electric Vaporizers.

Claims use since July, 1934.

Ser. No. 408,648. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed July 19, 1938.

Youthlyne

For Rubber Chin Reducers.

Claims use since Apr. 8, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 401,050. CHIMES COMPANY, Chicago, Ill. Filed Dec. 20, 1937.

Chimes

For Nonalcoholic Carbonated Beverages and Extracts for Making Nonalcoholic Beverages.

Claims use since Apr. 2, 1937.

Ser. No. 407,901. CONCORDADE COMPANY, INC., Providence, R. I. Filed June 25, 1938.

Fresh-n-up

For Non-Alcoholic, Non-Cereal, Maltless Beverage, Sold as a Soft Drink and Sirup and Extract for Making the Same.

Claims use since Nov. 12, 1936.

Ser. No. 407,928. ANTHONY ZICHICHI, doing business as Spume Beverage Co., Chicago, Ill. Filed June 25, 1938.

Champanette

For Non-Alcoholic, Maltless, Carbonated Beverages.

Claims use since May, 1937.

Ser. No. 408,438. ROBERT ARNOLD REID, David City, Nebr. Filed July 12, 1938.

Cza

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.

Claims use since Mar. 1, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 374,112. BOWEY'S, INC., Chicago, Ill. Filed Jan. 29, 1936.

"Old Smoothie"

For Chocolate Syrup for Food Purposes and a Powder for Making Chocolate Syrup for Food Purposes.

Claims use since Dec. 2, 1935.

Ser. No. 391,574. THE HATCH DAIRY, INC., Danbury, Conn. Filed Apr. 20, 1937.



For Milk, Ice Cream, and Candy.

Claims use since Jan. 1, 1935.

Ser. No. 394,705. GOPHER STATE CANNERIES, INC., Le Sueur, Minn. Filed June 30, 1937.

TRELLIS

For Canned Peas.
Claims use since June 15, 1937.

Ser. No. 394,830. EADINGTON FRUIT COMPANY, Fullerton, Calif. Filed July 3, 1937.

DULCE

EADINGTON FRUIT CO.

No claim is made to the word "Dulce" apart from the mark.
For Fresh Oranges.
Claims use since 1928.

Ser. No. 399,492. ATKINS, KROLL & CO., San Francisco, Calif. Filed Nov. 9, 1937.

BAYVIEW

For Canned Fruits and Dried Fruits.
Claims use since 1925.

Ser. No. 402,568. LIFE SAVERS CORPORATION, Port Chester, N. Y. Filed Feb. 1, 1938.



The word "Mint" is disclaimed except in the association shown. The representation of a label per se is disclaimed.
For Candy.
Claims use since Apr. 4, 1936.

Ser. No. 402,691. BERNARD L. OSER, doing business as The Deanut Company, New York, N. Y. Filed Feb. 4, 1938.

Deanut

DELICIOUS SPREAD

No claim is made to the words "Delicious Spread" apart from the mark.
For Flavored Spread for Use on Bread or Crackers, or as a Cake Filling or Icing, Made of Peanut Butter, Chocolate, and Other Ingredients.
Claims use since Dec. 15, 1937.

Ser. No. 402,698. ROANOKE SYRUP CO. INC., Roanoke, Ala. Filed Feb. 4, 1938.

DIAMOND JOE

For Table Syrup.
Claims use since 1930.

Ser. No. 403,546. ENTERPRISE BUTCHER SUPPLY CO., INC., Dallas, Tex. Filed Mar. 1, 1938.

EBSCO

For Spices Such as White Pepper, Black Pepper, and Sage, and the Like.
Claims use since July, 1936.

Ser. No. 404,392. ALBERTA M. BOURNE, Glendora, Calif. Filed Mar. 22, 1938.



The representations of the label and of the fruit are disclaimed apart from the mark.
For Fresh Oranges, Lemons, and Avocados.
Claims use since Jan. 21, 1937.

Ser. No. 404,548. S. A. SCHONBRUNN & CO., INC., New York, N. Y. Filed Mar. 26, 1938.

Golden Bud

The word "Bud" is disclaimed apart from the mark.
For Tea.
Claims use since April, 1932.

Ser. No. 404,930. PHILOMENE G. WALSH, Chicago, Ill. Filed Apr. 5, 1938.

ATE e WAYS

For Sauce for Vegetables, Puddings, Soups, Meats, and Fish.
Claims use since Mar. 29, 1938.

Ser. No. 405,077. MINNESOTA MACARONI COMPANY, St. Paul, Minn. Filed Apr. 9, 1938.



The picture is fanciful. The name "Jenny Lee's" is disclaimed apart from the mark.
For Macaroni.
Claims use since Mar. 7, 1938.

Ser. No. 405,381. BROWN BOMBER BAKING COMPANY, Detroit, Mich. Filed Apr. 18, 1938.



The words "Brown" and "Bread" are disclaimed apart from the mark.
For Bread.
Claims use since Mar. 1, 1938.

Ser. No. 405,390. LOUIS L. JACOB INC., Orlando, Fla. Filed Apr. 18, 1938.



For Fresh Citrus Fruits.
Claims use since June 27, 1929.

Ser. No. 405,815. KING KONE CORPORATION, New York, N. Y. Filed Apr. 28, 1938.

WAFCHEESE

For Crackers.
Claims use since Mar. 14, 1938.

Ser. No. 406,117. CAUSSE MANUFACTURING & IMPORTING CO., New York, N. Y. Filed May 9, 1938.

Victor Brand

Applicant is the owner of registration No. 105,275, dated July 13, 1915. The word "Brand" is disclaimed apart from the mark.
For Candied Lemon Peel, Candied Citron Peel, Candied Orange Peel, Candied Cherries, Cherries in Syrup (Maraschino Type), and Candied Diced Fruit Mixture.
Claims use since May, 1935.

Ser. No. 406,332. F. & M. IMPORTING CO. INC., doing business as Santa Monica Importing Co., Los Angeles, Calif. Filed May 14, 1938.

CORNELIA

For Canned Fruits, Canned Vegetables, Canned Berries, Canned Fruit Juices for Food Purposes, Canned Vegetable Juices, Canned Pork and Beans, Preserved Fruits, Candy, Dried Fruits, Shelled and Unshelled Nuts in Their Natural State, Baking Soda, Baking Powder, Corn Starch, Potato Chips, Spaghetti, Noodles, Ravioli, Canned Mince Meat, Alimentary Paste, Noodles with Chicken, Bouillon Cubes, Canned Soups, Shredded Cocoanut, Chocolate, Food Flavoring Extracts, Butter, Eggs, Cheese, Canned Evaporated Milk, Rye Flour, Bread, Cookies, Crackers, Tea, Coffee, Cocoa, Plum Pudding, Chocolate Pudding, Prepared Gelatin Dessert Powders, Canned Fish, Macaroni, Fruit Butters, Marmalades, Jellies, Fruit Preserves, Jams, Chili Sauce, Tartar Sauce, Worcestershire Sauce, Cranberry Sauce, Sweet Relish, Pickles, Molasses, Honey, Malt Syrup for Food Purposes, Dog and Cat Food, Stock Feeds, Prepared Vegetable Shortening, Mayonnaise, Sandwich Spread, Cereal Breakfast Foods, Rolled Oats, Corn Meal, Rice, Edible Vegetable Oils, Olive Oil, Salad Oil,

Sesame Oil, Vinegar, Sugar, Salt, Spices; Food Garnishing Preparations—Namely, Maple Syrup, Strawberry Syrup, and Chocolate Syrup.
Claims use since Jan. 1, 1931.

Ser. No. 406,672. AMERICAN FLOUR CORPORATION, New York, N. Y. Filed May 24, 1938.

SUPER GLUTEN XXXX

No claim is made to the word "Gluten" apart from the mark.
For Wheat Flour.
Claims use since Apr. 14, 1938.

Ser. No. 406,764. MIDLAND COOPERATIVE DAIRY ASSOCIATION, Shawano, Wis., and New York, N. Y. Filed May 26, 1938.

MI-KAN-O

For Canned Evaporated Milk.
Claims use since May 12, 1938.

Ser. No. 407,065. THE KEYSTONE GROCERY DISTRIBUTING CO. OF PITTSBURGH, INC., Pittsburgh, Pa. Filed June 3, 1938.

FORTEBRACCIO

For Salad Oil.
Claims use since January, 1936.

Ser. No. 407,156. O. K. FOODS, INC., La Grange, Ill. Filed June 6, 1938.

REPEAT

For Sandwich Filling Containing Ham.
Claims use since May 1, 1936.

Ser. No. 407,392. STANDARD DISTRIBUTORS, INC., doing business as Specify Food Company, Los Angeles, Calif. Filed June 11, 1938.

SPECIFY BRAND

No claim is made to the word "Brand".
For Canned Fruits, Canned Vegetables, Canned Citrus Juices for Food Purposes, Pickles, Walnuts, Raisins, Jams, Tomato Catsup, Honey, Eggs, Noodles, Crackers, Bread, Gelatin, Pretzels, Prepared Popcorn, Vegetable Shortening, Dried Beans, Corn Flakes, Cookies, Salt, Wheat Flour, Cheese, Canned Fish, Rice, Mustard, Vinegar, Marshmallows, Chocolate, Table Syrup, Coffee, Potato Chips, Olives, Olive Oil, and Salad Dressing.
Claims use since June 6, 1938.

Ser. No. 407,545. HELLWIG BROS., St. Louis, Mo. Filed June 16, 1938.

HI-PLANE

For Fresh Vegetables.
Claims use since May 21, 1938.

Ser. No. 407,662. COMMERCIAL SOLVENTS CORPORATION, New York, N. Y. Filed June 20, 1938.

B.Y.

For Dried Fermented Carbohydrate Residue Used as an Ingredient or Supplement of Foods, Particularly for Poultry and Livestock.
Claims use since June 10, 1938.

Ser. No. 407,663. COMMERCIAL SOLVENTS CORPORATION, New York, N. Y. Filed June 20, 1938.

FLAVITE

For Dried Fermented Carbohydrate Residue Used as an Ingredient or Supplement of Foods, Particularly for Poultry and Livestock.
Claims use since June 10, 1938.

Ser. No. 407,688. RHEINGOLD CHEESE COMPANY, Chicago, Ill. Filed June 20, 1938.



The drawing is lined for red and blue.
For Cheese.
Claims use since May 2, 1938.

Ser. No. 407,711. ARLINGTON PACKING CORPORATION, Arlington, Calif. Filed June 21, 1938.

SUN WORTHY

For Canned Fruits, Canned Vegetables, and Canned Citrus Juices for Food Purposes.
Claims use since June 11, 1938.

Ser. No. 407,777. MARTHA WASHINGTON CANDIES COMPANY, Chicago, Ill. Filed June 22, 1938.



For Candies.
Claims use since June 7, 1938.

Ser. No. 407,783. GENERAL FOODS CORPORATION, New York, N. Y. Filed June 22, 1938.

Huskies

For Cereal Breakfast Foods.
Claims use since February, 1936.

Ser. No. 407,847. THE BORDEN COMPANY, New York, N. Y. Filed June 24, 1938.

Wild Rose



For Butter.
Claims use since June 30, 1909.

Ser. No. 407,949. E. F. KEMP, INC., Somerville, Mass. Filed June 27, 1938.

SCRAMBLE

For Mixture of Popcorn, Puffed Wheat, and Puffed Rice with a Liquid Cheese Preparation Spread Thereon.
Claims use since June 15, 1938.

CLASS 47

Wines

Ser. No. 404,408. HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed Mar. 23, 1938.

ROYAL LODGE

For Wines.
Claims use since Oct. 26, 1937.

CLASS 48

Malt Beverages and Liquors

Ser. No. 404,713. HOLSTEN-BRAUEREI, Altona, Germany. Filed Mar. 31, 1938.



All notations except "Holsten" and the monogram are disclaimed.
For Beer.
Claims use since July, 1898.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 396,372. STITZEL-WELLER DISTILLERY, INCORPORATED, Shively, Ky. Filed Aug. 13, 1937.



For Whiskey.
Claims use since 1882.

Ser. No. 402,520. GIMBEL BROTHERS, INC., New York, N. Y. Filed Jan. 31, 1938.

MARBLE HILL

For Whiskey.
Claims use since Aug. 27, 1936.

Ser. No. 403,897. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Filed Mar. 10, 1938.

SNOW WHITE

For Gin.
Claims use since Feb. 1, 1938.

Ser. No. 405,540. FRED WOLFERMAN, INC., Kansas City, Mo. Filed Apr. 20, 1938.



For Whiskey.
Claims use since 1894.

Ser. No. 407,522. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



The outline of the label is disclaimed apart from the mark.
For Brandy.
Claims use since 1933.

Ser. No. 408,213. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.

UNITY CLUB

No claim is made to the word "Club" apart from the mark.
For Whiskey and Gin.
Claims use since Dec. 3, 1934.

Ser. No. 408,219. SUNRISE LIQUOR CORPORATION, Chicago, Ill. Filed July 5, 1938.

OLD
BELLE OF JEFFERSON

No claim is made to the term "Jefferson".
For Whiskey.
Claims use since July 1, 1936.

Ser. No. 408,440. TAYLOR & WILLIAMS DISTILLERIES, INC., Louisville, Ky. Filed July 12, 1938.



For Whiskey.
Claims use since November, 1935.

Ser. No. 408,527. H. E. CARNES & CO., INC., St. Paul, Minn. Filed July 15, 1938.

CAMP RIPLEY

For Whiskey.
Claims use since Feb. 1, 1935.

Ser. No. 408,571. PETER HAUPTMANN TOBACCO COMPANY, doing business as Peter Hauptmann Co., St. Louis, Mo. Filed July 16, 1938.

SATIDDY NITE

For Gin and Whiskey.
Claims use since May 16, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

AUGUST 23, 1938

359,444. BRANDY. CALIFORNIA GROWERS WINERIES, INC., Fresno, Calif.
Filed October 3, 1934. Serial No. 356,689. PUBLISHED NOVEMBER 6, 1934. Class 49.

359,445. WASHING MACHINES AND PARTS THEREOF. ONE MINUTE WASHER COMPANY, Newton, Iowa.
Filed February 23, 1935. Serial No. 361,831. PUBLISHED JUNE 14, 1938. Class 24.

359,446. CANNED CRAB-MEAT. RED LINE COMMERCIAL COMPANY, INC., New York, N. Y.
Filed April 16, 1935. Serial No. 363,822. PUBLISHED JUNE 14, 1938. Class 46.

359,447. POP CORN. AMERICAN POP CORN COMPANY, Sioux City, Iowa.
Filed July 16, 1935. Serial No. 367,331. PUBLISHED JUNE 14, 1938. Class 46.

359,448. GLASS TUBES AND RODS FOR GENERAL USE IN THE INDUSTRIAL ARTS. GEORGES MONPEURT, Paris, France.
Filed December 14, 1935. Serial No. 372,647. PUBLISHED JUNE 8, 1937. Class 33.

359,449. RUM, WHISKEY, GIN, BRANDY, AND ALCOHOLIC CORDIALS. GLASER BROS., San Francisco, Calif.
Filed April 22, 1936. Serial No. 377,503. PUBLISHED JUNE 9, 1936. Class 49.

359,450. FISHING REELS. HYLA F. MAYNES, North Tonawanda, N. Y., assignor to Spiral Wind Fish Reel Company, Inc., Buffalo, N. Y., a corporation of New York.
Filed June 25, 1936. Serial No. 380,217. PUBLISHED JUNE 14, 1938. Class 22.

359,451. BOILER FITTINGS, VALVE AND PUMP CONTROL VALVES AND GOVERNORS, VACUUM GOVERNORS, VALVE CONTROL STEAM GENERATORS, ETC. THE SWARTWOUT COMPANY, Cleveland, Ohio.
Filed July 18, 1936. Serial No. 381,175. PUBLISHED MAY 24, 1938. Class 13.

359,452. POWDERED MILK. THE UNIVERSAL MILK COMPANY, New York, N. Y.
Filed July 30, 1936. Serial No. 381,647. PUBLISHED SEPTEMBER 8, 1936. Class 46.

359,453. NEW AND RETREADED NONMETALLIC TIRES AND TREADS FOR APPLICATION TO THE SAME. ARMOR TREAD TIRE CORPORATION, Baltimore, Md.
Filed September 30, 1936. Serial No. 383,797. PUBLISHED JUNE 7, 1938. Class 35.

359,454. COFFEE. JOHN HANSEN & SONS, Oakland, Calif.
Filed November 30, 1936. Serial No. 386,107. PUBLISHED FEBRUARY 22, 1938. Class 46.

359,455. MOLASSES. PENICK & FORD, LTD. INCORPORATED, New York, N. Y., and New Orleans, La.
Filed December 4, 1936. Serial No. 386,316. PUBLISHED APRIL 20, 1937. Class 46.

359,456. KNITTED TEXTILE PIECE GOODS. KAYLOOMS INCORPORATED, Weehawken, N. J.
Filed December 7, 1936. Serial No. 386,432. PUBLISHED MARCH 9, 1937. Class 42.

359,457. POWDERED OR GRANULAR SOAP OR OTHER POWDERED ALKALINE DETERGENT COMPOSITIONS FOR GENERAL MAINTENANCE, CLEANING OF METAL AND OTHER TECHNICAL PROCESS CLEANING OPERATIONS. WARD CHEMICAL & MFG. COMPANY, INC., New York, N. Y.
Filed December 10, 1936. Serial No. 386,611. PUBLISHED MARCH 9, 1937. Class 4.

359,458. FRESH, SALT, DRIED, SMOKED, CANNED, AND PRESERVED EDIBLE FISH AND SHELL-FISH, AND EDIBLE PRODUCTS OF FISH AND SHELL-FISH, ETC. AKTIEBOLAGET BRÖDERNE AMELN, Stockholm, Sweden.
Filed January 12, 1937. Serial No. 387,693. PUBLISHED JUNE 14, 1938. Class 46.

359,459. ELECTRIC VIBRATORS. FRANK H. NEWTON, doing business as Vib-Ray-Ped Sales Co., Los Angeles, Calif.
Filed February 1, 1937. Serial No. 388,406. PUBLISHED JUNE 14, 1938. Class 44.

359,460. YERBA MATE. SOCIEDAD ANONIMA AUXILIAR FABRIL AGRICOLA & COMERCIAL, Buenos Aires, Argentina.
Filed February 23, 1937. Serial No. 389,269. PUBLISHED JUNE 14, 1938. Class 46.

359,461. CANNED FRUITS AND CANNED VEGETABLES, COFFEE, TEA, SALAD AND COOKING OILS, CANNED FISH, AND CHILI SAUCE. WALTER J. SALUS, Philadelphia, Pa., assignor to A. Salus & Son, Inc., Philadelphia, Pa.
Filed March 6, 1937. Serial No. 389,750. PUBLISHED JUNE 14, 1938. Class 46.

359,462. DRIVE MASONRY EXPANSION PINS. THE RAWLPLUG COMPANY, INC., New York, N. Y.
Filed March 12, 1937. Serial No. 389,964. PUBLISHED JUNE 14, 1938. Class 13.

359,463. BRACELETS, VANITY CASES, AND COMPACTS MADE WHOLLY OR IN PART OF OR PLATED WITH PRECIOUS METAL. PITMAN & KEELER, Attleboro, Mass.
Filed March 17, 1937. Serial No. 390,184. PUBLISHED MAY 18, 1937. Class 28.

359,464. MATERIAL HANDLING EQUIPMENT—NAMELY, MOVABLE STORAGE RACKS FOR BARRELS, DRUMS, DIES, AND SKIDS. BARRETT-CRAVENS COMPANY, Chicago, Ill.
Filed March 22, 1937. Serial No. 390,349. PUBLISHED JUNE 14, 1938. Class 32.

359,465. MEATS AND MEAT PRODUCTS—NAMELY, BACON, PORK, AND OFFALS OF HOGS. LANDBRUGSMINISTERIET, Copenhagen, Denmark.
Filed March 22, 1937. Serial No. 390,374. PUBLISHED JUNE 14, 1938. Class 46.

359,466. ASBESTOS PIPE COVERINGS FOR HEAT INSULATION. UNITED STATES GYPSUM COMPANY, Chicago, Ill.
Filed April 2, 1937. Serial No. 390,876. PUBLISHED MAY 31, 1938. Class 12.

359,467. ABRASIVE STRIPS SUCH AS EMERY CLOTH AND SAND PAPER. ATLAS ABRASIVES CORPORATION, New Rochelle, N. Y.
Filed April 10, 1937. Serial No. 391,168. PUBLISHED JUNE 14, 1938. Class 4.

359,468. ROVING FRAMES AND SPINNING FRAMES. WHITIN MACHINE WORKS, Whitinsville, Mass.
Filed April 12, 1937. Serial No. 391,253. PUBLISHED JUNE 14, 1938. Class 23.

359,469. BLENDED WHISKEY. THE AMERICAN DISTILLING COMPANY, Pekin, Ill.
Filed April 13, 1937. Serial No. 391,261. PUBLISHED JUNE 29, 1937. Class 49.

359,470. HEATING EQUIPMENT—NAMELY, STOKER BURNERS FOR USE WITH SOLID FUEL, TANK HEATERS, AND HEATING BOILERS FOR USE WITH ANY KIND OF FUEL. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed April 14, 1937. Serial No. 391,351. PUBLISHED MAY 24, 1938. Class 34.

359,471. ICE CREAM, ICES, AND SHERBETS. BETTAR ICE CREAM CO., INCORPORATED, doing business as Ann Penn Caterers, Baltimore, Md.
Filed April 20, 1937. Serial No. 391,560. PUBLISHED JUNE 14, 1938. Class 46.

359,472. BOARD GAMES PLAYED WITH MOVABLE PIECES. FETZ AND WEAVER, Chicago, Ill.
Filed April 21, 1937. Serial No. 391,633. PUBLISHED JUNE 14, 1938. Class 22.

359,473. PORCH AND DECK PAINT, GLOSS WALL PAINT, BARN AND ROOF PAINT, PAINT ENAMEL, VARNISH, PREPARED SHELLAC, VARNISH REMOVER, LACQUER, WHITE LEAD, AND PUTTY. THE GEO. WORTHINGTON COMPANY, Cleveland, Ohio.
Filed April 24, 1937. Serial No. 391,834. PUBLISHED JUNE 14, 1938. Class 16.

359,474. ELECTRIC WASHING MACHINES, GASOLINE WASHERS FOR DRY CLEANING, SADIRONS, IRONING BOARDS, WASH BOARDS, AND CLOTHES DRIERS OF THE RACK TYPE. THE GEO. WORTHINGTON COMPANY, Cleveland, Ohio.
Filed April 24, 1937. Serial No. 391,842. PUBLISHED JUNE 14, 1938. Class 24.

359,475. CANNED DOG FOOD. ROY E. ROBERTS, doing business as Lord-Mott Co., Baltimore, Md.
Filed May 6, 1937. Serial No. 392,733. PUBLISHED JUNE 29, 1937. Class 46.

359,476. NEWSPAPER CARTOONS PUBLISHED IN A CONTINUING SERIES. ESQUIRE FEATURES, INC., Chicago, Ill.
Filed May 20, 1937. Serial No. 393,026. PUBLISHED JUNE 7, 1938. Class 38.

359,477. LEATHER SHOES FOR WOMEN. NATIONAL SHOE CORPORATION, Marlboro, Mass.
Filed May 24, 1937. Serial No. 393,181. PUBLISHED MAY 24, 1938. Class 39.

359,478. WINDSHIELD WIPERS AND PARTS THEREOF, BLADES, ARMS, AUXILIARY ARMS, WINDSHIELD WIPER RENEWAL PARTS SETS, AUTOMATIC WINDSHIELD WASHING VEHICLE ATTACHMENTS, AND ADAPTERS AND VEHICLE VACUUM EQUALIZER TANKS USED IN WINDSHIELD CLEANER SYSTEMS. TRICO PRODUCTS CORPORATION, Buffalo, N. Y.
Filed June 30, 1937. Serial No. 394,735. PUBLISHED MAY 24, 1938. Class 19.

359,479. PROCESSED CITRUS FRUIT PRODUCTS—NAMELY, CANNED GRAPEFRUIT JUICE FOR FOOD BEVERAGE PURPOSES. CHRISTENSEN PRODUCTS CORPORATION, Weslaco, Tex.
Filed July 16, 1937. Serial No. 395,282. PUBLISHED JUNE 14, 1938. Class 46.

359,480. CALCULATING AND ADDING MACHINES. JOHN J. DUFFIE, New York, N. Y.
Filed July 26, 1937. Serial No. 395,639. PUBLISHED NOVEMBER 9, 1937. Class 26.

359,481. HIGH PRESSURE HOT WATER HEAT DISTRIBUTION UNITS AND PARTS THEREFOR. J. O. ROSS ENGINEERING CORPORATION, New York, N. Y.
Filed July 30, 1937. Serial No. 395,837. PUBLISHED FEBRUARY 15, 1938. Class 34.

359,482. PUMPS. BENDIX PRODUCTS CORPORATION, South Bend, Ind.
Filed August 14, 1937. Serial No. 396,383. PUBLISHED OCTOBER 12, 1937. Class 23.

359,483. WHISKEY. RATHJEN BROS., INC., San Francisco, Calif.
Filed August 24, 1937. Serial No. 396,724. PUBLISHED OCTOBER 26, 1937. Class 49.

359,484. AWLS, AXES, BITS, BIT BRACES, BUSH HOOKS, CHISELS, CLAMPS FOR CARPENTERS AND CABINET MAKERS, DRAWING KNIVES, ETC. THE PECK, STOW & WILCOX COMPANY, Southington, Conn.
Filed September 1, 1937. Serial No. 396,999. PUBLISHED JUNE 14, 1938. Class 23.

359,485. LAWN SPRINKLERS, SPRAY NOZZLES, TACK ASSORTMENTS. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa.
Filed September 7, 1937. Serial No. 397,177. PUBLISHED JUNE 14, 1938. Class 13.

359,486. DRY BATTERIES AND WAFFLE IRONS. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa.
Filed September 7, 1937. Serial No. 397,178. PUBLISHED JUNE 14, 1938. Class 21.

359,487. PLASTIC DISC SOUND RECORDS. THE STORY DOCTOR CO., Seattle, Wash.
Filed September 13, 1937. Serial No. 397,389. PUBLISHED JUNE 14, 1938. Class 36.

359,488. BRAKE LINING. SOUTHERN FRICTION MATERIALS COMPANY, Charlotte, N. C.
Filed September 30, 1937. Serial No. 397,986. PUBLISHED JUNE 7, 1938. Class 35.

359,489. THERAPEUTIC LAMPS. ULTRAD PRODUCTS, INC., Boston, Mass.
Filed October 5, 1937. Serial No. 398,181. PUBLISHED DECEMBER 7, 1937. Class 44.

359,490. DRAWER TYPE FILES. BANKERS BOX COMPANY, Chicago, Ill.
Filed October 9, 1937. Serial No. 398,305. PUBLISHED JUNE 7, 1938. Class 32.

359,491. RADIATOR SHIELDS AND WINDOW VENTILATORS OF THE TYPE COMPRISING A DEFLECTOR PLATE BETWEEN END MOUNTING BRACKETS. SALMANSON & CO. INC., New York, N. Y.
Filed October 14, 1937. Serial No. 398,496. PUBLISHED DECEMBER 14, 1937. Class 34.

359,492. COATED OR COVERED WALL FORMING PANELS OF WOOD AND WOOD STRUCTURAL TRIM, WHEREIN THE COATING MATERIAL IS IN THE NATURE OF A HEAVY BODIED RESIN BOUND PAINT CAPABLE OF BEING APPLIED WITH A BRUSH. I. F. LAUCKS, INC., Seattle, Wash.
Filed October 18, 1937. Serial No. 398,625. PUBLISHED MARCH 15, 1938. Class 12.

359,493. READY MIXED PAINT, WATERPROOF PAINT, VARNISHES, LACQUERS, COLD-WATER PAINTS, ALUMINUM PAINTS, AND PAINT IN POWDERED FORM. ALBERT HOWARD STEBBINS, JR., doing business as Sterling Laboratories, Little Rock, Ark.
Filed October 23, 1937. Serial No. 398,879. PUBLISHED JUNE 14, 1938. Class 16.

359,494. SOLUTIONS OR COMPOUNDS IN THE NATURE OF A PAINT FOR WATER OR MOISTURE-PROOFING OF CONCRETE OR OTHER STRUCTURAL MATERIALS, WOOD OR OTHER SURFACES OF STRUCTURES. AMERICAN BAR LOCK CO., INC., Long Island City, N. Y.
Filed October 27, 1937. Serial No. 398,985. PUBLISHED FEBRUARY 22, 1938. Class 16.

359,495. LIGHT REFLECTING SIGNS, VEHICLE SAFETY REFLECTORS, ROADSIDE SAFETY REFLECTORS, AND PARTS THEREOF. THE KELLY-MENKE CO., Chicago, Ill.
Filed October 27, 1937. Serial No. 398,993. PUBLISHED MAY 24, 1938. Class 34.

359,496. AIR CONDITIONING, HEATING FURNACES USING OIL, GAS, COAL, OR WOOD FUELS. LANGELANDS, Tacoma, Wash.
Filed November 1, 1937. Serial No. 399,282. PUBLISHED MAY 24, 1938. Class 34.

359,497. CANDLE BURNING LAMPS AND FIXTURES—NAMELY, SANCTUARY LAMPS AND SENTINEL (PRE-FUNERAL) LAMPS. CANDY & COMPANY, INC., Chicago, Ill.
Filed November 8, 1937. Serial No. 399,438. PUBLISHED MAY 17, 1938. Class 34.

359,498. ELECTRIC LIGHT BULBS. PALUEL J. FLAGG, New York, N. Y., assignor to Jewel Incandescent Lamp Co., East Newark, N. J., a corporation of New Jersey.
Filed November 8, 1937. Serial No. 399,444. PUBLISHED MARCH 22, 1938. Class 21.

359,499. FLARES BURNING LIQUID FUEL. EMBURY MANUFACTURING COMPANY, Warsaw, N. Y.
Filed November 17, 1937. Serial No. 399,830. PUBLISHED JUNE 7, 1938. Class 34.

359,500. FRESH CITRUS FRUITS, AND CITRUS FRUIT JUICES FOR FOOD PURPOSES. DR. POMELO COMPANY, Edinburg, Tex.
Filed November 24, 1937. Serial No. 400,089. PUBLISHED MARCH 1, 1938. Class 46.

359,501. CHINA TABLEWARE. JOHN AYNSLEY & SONS LTD., Stoke-on-Trent, England.
Filed November 26, 1937. Serial No. 400,151. PUBLISHED MAY 17, 1938. Class 30.

359,502. DRINKING GLASSES AND FOR GLASS DISHES. LIBBEY GLASS COMPANY, Toledo, Ohio.
Filed November 29, 1937. Serial No. 400,237. PUBLISHED MAY 31, 1938. Class 33.

359,503. SPRAY NOZZLES. BINKS MANUFACTURING COMPANY, Chicago, Ill.
Filed December 3, 1937. Serial No. 400,404. PUBLISHED JUNE 14, 1938. Class 13.

359,504. RATTAN FURNITURE. RATTAN PRODUCTS MFG. CO. INC., Los Angeles, Calif.
Filed December 13, 1937. Serial No. 400,793. PUBLISHED JUNE 7, 1938. Class 32.

359,505. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS, AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. DOROTHY MILLER, Toledo, Ohio.
Filed December 14, 1937. Serial No. 400,849. PUBLISHED FEBRUARY 15, 1938. Class 45.

359,506. ELECTROSTATIC AIR CLEANERS AND AIR CONDITIONERS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed December 17, 1937. Serial No. 401,008. PUBLISHED MAY 31, 1938. Class 34.

359,507. LAMP SHADES. THE MANTLE LAMP COMPANY OF AMERICA, Chicago, Ill.
Filed December 20, 1937. Serial No. 401,066. PUBLISHED MAY 24, 1938. Class 34.

359,508. CANNED VEGETABLES. ARTHUR CANNERIES, INC., Montpelier, Ind.
Filed December 23, 1937. Serial No. 401,174. PUBLISHED JUNE 14, 1938. Class 46.

359,509. CANNED VEGETABLES. ARTHUR CANNERIES, INC., Montpelier, Ind.
Filed December 27, 1937. Serial No. 401,232. PUBLISHED JUNE 14, 1938. Class 46.

359,510. LADIES' AND MISSES' CHEMISES, NEGLIGEES, COSTUME SLIPS, PANTIES, SHORTS FOR UNDERWEAR, BRASSIÈRES, BLOOMERS, UNDERSHIRTS, AND NIGHTGOWNS OF COTTON, LINEN, SILK, ARTIFICIAL SILK, AND ALL MIXTURES OR COMBINATIONS OF SAID MATERALS. MILLER UNDERWEAR CO., INC., New York, N. Y.
Filed December 31, 1937. Serial No. 401,443. PUBLISHED MAY 24, 1938. Class 39.

359,511. WALL BATHROOM ACCESSORIES—TO WIT, GLASS SHELVES, SOAP HOLDERS, TUMBLER HOLDERS, TUMBLER AND TOOTHBRUSH HOLDERS, ETC. HALLENSCHEID & MCDONALD, Los Angeles, Calif.
Filed January 3, 1938. Serial No. 401,482. PUBLISHED JUNE 7, 1938. Class 13.

359,512. TANNERS' OIL FOR STUFFING LEATHER. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed January 5, 1938. Serial No. 401,557. PUBLISHED JUNE 14, 1938. Class 4.

359,513. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed January 11, 1938. Serial No. 401,765. PUBLISHED JUNE 14, 1938. Class 46.

359,514. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed January 11, 1938. Serial No. 401,766. PUBLISHED JUNE 14, 1938. Class 46.

359,515. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed January 11, 1938. Serial No. 401,767. PUBLISHED JUNE 14, 1938. Class 46.

359,516. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed January 11, 1938. Serial No. 401,768. PUBLISHED JUNE 14, 1938. Class 46.

359,517. WINES. SAN GABRIEL VINEYARD COMPANY, San Gabriel, Calif.
Filed January 19, 1938. Serial No. 402,103. PUBLISHED MAY 17, 1938. Class 47.

359,518. EARTHENWARE FOR TABLE SERVICE. THE HOMER LAUGHLIN CHINA CO., Newell, W. Va.
Filed January 24, 1938. Serial No. 402,262. PUBLISHED JUNE 14, 1938. Class 30.

359,519. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGE. L. J. BRADFORD, doing business as Zero Beverage Co., Fort Worth, Tex.
Filed January 27, 1938. Serial No. 402,362. PUBLISHED JUNE 14, 1938. Class 45.

359,520. DOLL WIGS. ROSEN & JACOBY, New York, N. Y.
Filed January 28, 1938. Serial No. 402,444. PUBLISHED JUNE 7, 1938. Class 22.

359,521. CHAMPAGNE. BLOOMINGDALE BROS., INC., New York, N. Y.
Filed January 31, 1938. Serial No. 402,506. PUBLISHED JUNE 14, 1938. Class 47.

359,522. DISPENSING FAUCETS FOR ATTACHMENT TO BOTTLES, CANS, BARRELS, DRUMS, AND OTHER CONTAINERS. DISPENS-OR VALVE CORPORATION, San Francisco, Calif.
Filed January 31, 1938. Serial No. 402,517. PUBLISHED MAY 17, 1938. Class 13.

359,523. UNITARY ELECTRIC LIGHTING FIXTURES. GOODRICH ELECTRIC COMPANY, Chicago, Ill.
Filed January 29, 1938. Serial No. 402,581. PUBLISHED JUNE 14, 1938. Class 21.

359,524. LIQUID CLEANSER FOR TOILETS, BATHTUBS, SINKS, ETC. ACME CHEMICAL COMPANY, Milwaukee, Wis.
Filed February 5, 1938. Serial No. 402,703. PUBLISHED JUNE 14, 1938. Class 4.

359,525. SPEAKING TUBE FOR USE IN TICKET DISPENSING BOOTHS. GOLDBERG BROTHERS, Denver, Colo.
Filed February 7, 1938. Serial No. 402,773. PUBLISHED MAY 24, 1938. Class 13.

359,526. POWDERED SOAP, ESPECIALLY DESIGNED FOR REMOVING DUPLICATING MACHINE INKS FROM THE HANDS. KLETAM MFG. CO., Wilkes-Barre, Pa.
Filed February 7, 1938. Serial No. 402,809. PUBLISHED JUNE 14, 1938. Class 4.

359,527. SURFACE COVERING METALS IN THE FORM OF STRIPS, SHEETS, AND PLATES. VEREINIGTE DEUTSCHE METALLWERKE AKTIENGESELLSCHAFT, Frankfort-on-the-Main-Heddernheim, Germany.
Filed February 8, 1938. Serial No. 402,832. PUBLISHED JUNE 14, 1938. Class 14.

359,528. WINES. GARDEN VINEYARDS WINERY & DISTILLERY CO., Fowler, Calif.
Filed February 9, 1938. Serial No. 402,856. PUBLISHED MAY 31, 1938. Class 47.

359,529. CAST IRON FIREPLACE DAMPERS. E. L. LE BARON FOUNDRY COMPANY, Brockton, Mass.
Filed February 14, 1938. Serial No. 403,009. PUBLISHED MAY 17, 1938. Class 34.

359,530. FRAMED AND UNFRAMED WORKS OF ART, CREATED BY CUTTING THE COMPONENT PARTS OF THE FIGURES THEREIN FROM COLORED PAPER, AFFIXING THE PARTS TO A BACKGROUND AND THEN COMPLETING THE WORK BY THE ADDITION OF COLORED ACCENTING. THE SOBY STUDIO, Kansas City, Mo.
Filed February 14, 1938. Serial No. 403,020. PUBLISHED JUNE 7, 1938. Class 38.

359,531. GLASS ARTICLES—NAMELY, PLATES, TRAYS, JARS, BOXES, DECANTERS, PITCHERS, BOWLS, BOTTLES, JUGS, PLATTERS, VASES, ETC. UNITED STATES GLASS COMPANY, Pittsburgh, Pa.
Filed February 15, 1938. Serial No. 403,065. PUBLISHED MAY 24, 1938. Class 33.

359,532. INSTRUMENT USED IN THE SPRAYING OF DENTAL MODELS. COE LABORATORIES, INC., Chicago, Ill.
Filed February 17, 1938. Serial No. 403,117. PUBLISHED JUNE 14, 1938. Class 44.

359,533. BILLFOLDS. P. A. GARDNER, JR., doing business as Prince Gardner, St. Louis, Mo.
Filed February 17, 1938. Serial No. 403,125. PUBLISHED JUNE 14, 1938. Class 3.

359,534. HANDBAGS OR RETICULES MADE OF WOODEN BEADS. HANS SCHOWANEK, doing business as J. Schowanek, Albrechtsdorf, near Gablonz-on-the-Neisse, Czechoslovakia.
Filed December 24, 1937. Serial No. 403,157. PUBLISHED JUNE 14, 1938. Class 3.

359,535. COOKING HOLLOWWARE MADE OF ALUMINUM OR ALLOYS OF ALUMINUM. THE ALUMINUM COOKING UTENSIL COMPANY, New Kensington, Pa.
Filed February 23, 1938. Serial No. 403,291. PUBLISHED MAY 24, 1938. Class 13.

359,536. FRESH CITRUS FRUITS, FRESH DECIDUOUS FRUITS, AND FRESH VEGETABLES. GIUMARRA BROS., Los Angeles, Calif.
Filed February 25, 1938. Serial No. 403,408. PUBLISHED JUNE 14, 1938. Class 46.

359,537. CANNED CHICKEN, CANNED TURKEY, CANNED PARTRIDGE, CANNED GOOSE, AND CANNED DUCK. E. W. J. HEARTY, INC., New York, N. Y.
Filed February 26, 1938. Serial No. 403,453. PUBLISHED JUNE 14, 1938. Class 46.

359,538. CANNED CHICKEN. E. W. J. HEARTY, INC., New York, N. Y.
Filed February 26, 1938. Serial No. 403,454. PUBLISHED JUNE 14, 1938. Class 46.

359,539. RADIO RECEIVING SETS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed March 2, 1938. Serial No. 403,601. PUBLISHED JUNE 14, 1938. Class 21.

359,540. WINES. COMEX TRADING COMPANY, INC., New York, N. Y.
Filed March 5, 1938. Serial No. 403,718. PUBLISHED MAY 17, 1938. Class 47.

359,541. FINGER RINGS. SHIMAN BROS. & CO., INC., New York, N. Y.
Filed March 5, 1938. Serial No. 403,737. PUBLISHED JUNE 7, 1938. Class 28.

359,542. USED AUTOMOBILES. CLAYTON L. SMITH, Arlington, N. J., assignor to Van Tine Features Syndicate, Inc., New York, N. Y.
Filed March 5, 1938. Serial No. 403,738. PUBLISHED MAY 17, 1938. Class 19.

359,543. AUTOMATIC MACHINE FOR VENDING PREPOPPED POP-CORN. R. J. HINNERS CO., Los Angeles, Calif.
Filed March 7, 1938. Serial No. 403,768. PUBLISHED JUNE 14, 1938. Class 23.

359,544. DECALCOMANIAS. THE MEYERCORD COMPANY, Chicago, Ill.
Filed March 7, 1938. Serial No. 403,776. PUBLISHED JUNE 7, 1938. Class 38.

359,545. LADIES' AND MISSES' SHOES MADE OF LEATHER, CANVAS, FABRIC, OR COMPOSITIONS OR COMBINATIONS THEREOF. H. O. RONDEAU SHOE CO., INC., Farmington, N. H.
Filed March 7, 1938. Serial No. 403,786. PUBLISHED MAY 24, 1938. Class 39.

359,546. SHERRY, PORT, MUSCATEL, TOKAY, CLARET, BURGUNDY, RIESLING, AND SAUTERNES. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y.
Filed March 10, 1938. Serial No. 403,898. PUBLISHED MAY 17, 1938. Class 47.

359,547. HARNESS FOR FISHERMEN. GILBERT W. DIXON, Rydal Pa.
Filed March 10, 1938. Serial No. 403,911. PUBLISHED JUNE 14, 1938. Class 22.

359,548. FLOUR, PARTICULARLY WHEAT FLOUR. GENERAL MILLS, INC., Minneapolis, Minn.
Filed March 11, 1938. Serial No. 403,945. PUBLISHED JUNE 14, 1938. Class 46.

359,549. THIN METAL STRIPS USED FOR REENFORCING SHEET MATERIAL, AS IN DISPLAY WORK. W. L. STENSGAARD & ASSOCIATES, INC., Chicago, Ill.
Filed March 14, 1938. Serial No. 404,064. PUBLISHED MAY 31, 1938. Class 13.

359,550. LEATHER-SOLED SHOES MADE OF LEATHER. THE P. SULLIVAN SHOE COMPANY, Cincinnati, Ohio.
Filed March 11, 1938. Serial No. 404,070. PUBLISHED MAY 24, 1938. Class 39.

359,551. DOLLS. IDEAL NOVELTY & TOY COMPANY, Long Island City, N. Y.
Filed March 15, 1938. Serial No. 404,084. PUBLISHED JUNE 14, 1938. Class 22.

359,552. SOAP, WASHING POWDER, AND HAND-CLEANING PASTE. HOWARD E. PILLSBURY, Newbury, Newburyport, Mass.
Filed March 16, 1938. Serial No. 404,135. PUBLISHED JUNE 14, 1938. Class 4.

359,553. FISHING RODS. TYCOON TACKLE, INC., Miami, Fla.
Filed March 17, 1938. Serial No. 404,193. PUBLISHED JUNE 7, 1938. Class 22.

359,554. FISHING RODS. TYCOON TACKLE, INC., Miami, Fla.
Filed March 17, 1938. Serial No. 404,196. PUBLISHED JUNE 7, 1938. Class 22.

359,555. PAINT COATING FOR SURFACES OF CONCRETE, BRICK, CEMENT, AND STUCCO. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.
Filed March 19, 1938. Serial No. 404,263. PUBLISHED JUNE 14, 1938. Class 16.

359,556. WINE. AXEL H. SKJELBORG, New York, N. Y.
Filed March 19, 1938. Serial No. 404,271. PUBLISHED JUNE 7, 1938. Class 47.

359,557. SILVER AND SILVER MOUNTED FLATWARE (IMPLEMENTS WITH A HANDLE OR FINGER HOLD FOR CULINARY, FEEDING, SERVING, OR PERSONAL USE), ETC. TOWLE MANUFACTURING COMPANY, Newburyport, Mass.
Filed March 19, 1938. Serial No. 404,274. PUBLISHED MAY 24, 1938. Class 28.

359,558. RAZOR BLADES AND RAZOR BLADE VENDING MACHINES. H. C. EVANS & COMPANY, Chicago, Ill.
Filed March 21, 1938. Serial No. 404,299. PUBLISHED JUNE 14, 1938. Class 23.

359,559. WINES. PAUL MASSON CHAMPAGNE COMPANY, Saratoga, Calif.
Filed March 21, 1938. Serial No. 404,318. PUBLISHED JUNE 14, 1938. Class 47.

359,560. DETERGENT PREPARATION FOR WASHING AND CLEANSING GLASS, PORCELAIN, PAINT, VARNISH, LACQUER, AND FINISHED SURFACES AND THE LIKE. HAROLD WEED MCCULLOCH, Belleville, N. J.
Filed March 21, 1938. Serial No. 404,321. PUBLISHED JUNE 14, 1938. Class 4.

359,561. LEATHER WALLETS, KEY CASES, BILL FOLDS. ESQUIRE NOVELTY MFG. CO., INC., New York, N. Y.
Filed March 24, 1938. Serial No. 404,434. PUBLISHED JUNE 14, 1938. Class 3.

359,562. PREPARED MIXTURE FOR CORN MUFFINS. FLAKO PRODUCTS CORPORATION, New Brunswick, N. J.
Filed March 24, 1938. Serial No. 404,435. PUBLISHED JUNE 14, 1938. Class 46.

359,563. ACID-RESISTING CHAINS AND CHAIN LINKS. THE JEFFREY MANUFACTURING COMPANY, Columbus, Ohio.
Filed March 26, 1938. Serial No. 404,531. PUBLISHED JUNE 14, 1938. Class 13.

359,564. STEEL PLATES AND SHEETS. ALAN WOOD STEEL COMPANY, Conshohocken, Pa.
Filed March 28, 1938. Serial No. 404,555. PUBLISHED JUNE 14, 1938. Class 14.

359,565. MECHANICAL AUTOMOTIVE BRAKES. ALBERT THOMAS BABINEAU, Los Angeles, Calif.
Filed March 29, 1938. Serial No. 404,600. PUBLISHED JUNE 14, 1938. Class 19.

359,566. HORSE-DRAWN CARRIAGES AND WAGONS. RAY H. HAZEN, Philadelphia, Pa.
Filed March 31, 1938. Serial No. 404,711. PUBLISHED JUNE 7, 1938. Class 19.

359,567. FINGER RINGS AND WEDDING RINGS. ABRAHAM SAGER, doing business as Paramount Wedding Ring Company, Chicago, Ill.
Filed March 31, 1938. Serial No. 404,726. PUBLISHED MAY 31, 1938. Class 28.

359,568. CHOCOLATE FLAVORED POWDER FOR USE IN FLAVORING DAIRY DRINKS. WHITSON PRODUCTS CO., INC., Brooklyn, N. Y.
Filed March 31, 1938. Serial No. 404,733. PUBLISHED JUNE 14, 1938. Class 46.

359,569. GOLF CLUBS, BASEBALL BATS, HOCKEY STICKS, AND TENNIS RACKETS. ABRAHAM J. SILVERMAN, doing business as Peerless Sporting Goods Co., New York, N. Y.
Filed April 1, 1938. Serial No. 404,781. PUBLISHED JUNE 14, 1938. Class 22.

359,570. SHEET GLASS. AMERICAN WINDOW GLASS COMPANY, Pittsburgh, Pa.
Filed April 2, 1938. Serial No. 404,791. PUBLISHED MAY 31, 1938. Class 33.

359,571. WINES. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed April 2, 1938. Serial No. 404,805. PUBLISHED MAY 31, 1938. Class 47.

359,572. GREEN COFFEE. LEON ISRAEL & BROS., INC., New York, N. Y.
Filed April 2, 1938. Serial No. 404,809. PUBLISHED JUNE 14, 1938. Class 46.

359,573. GREEN COFFEE. LEON ISRAEL & BROS., INC., New York, N. Y.
Filed April 2, 1938. Serial No. 404,810. PUBLISHED JUNE 14, 1938. Class 46.

359,574. AIRPLANES. AVIATION MANUFACTURING CORPORATION, Chicago, Ill.
Filed April 4, 1938. Serial No. 404,827. PUBLISHED MAY 31, 1938. Class 19.

359,575. CANNED CITRUS JUICES FOR FOOD PURPOSES. DESERT CITRUS PRODUCTS ASSOCIATION, Tempe, Ariz.
Filed April 4, 1938. Serial No. 404,835. PUBLISHED JUNE 14, 1938. Class 46.

359,576. HONEY. E. F. LANE & SON, San Francisco, Calif.
Filed April 4, 1938. Serial No. 404,854. PUBLISHED JUNE 14, 1938. Class 46.

359,577. MAGAZINE PUBLISHED PERIODICALLY. LEON STEIN, doing business as Exposed Publishing Company, New York, N. Y.
Filed April 4, 1938. Serial No. 404,870. PUBLISHED JUNE 7, 1938. Class 38.

359,578. ELECTRIC RAZORS. MATCH KING, INC., Chicago, Ill.
Filed April 6, 1938. Serial No. 404,947. PUBLISHED JUNE 14, 1938. Class 23.

359,579. TURPENTINE, GUM SPIRITS OF TURPENTINE (OIL OF TURPENTINE). TAYLOR, LOWENSTEIN & COMPANY, Mobile, Ala.
Filed April 7, 1938. Serial No. 405,002. PUBLISHED JUNE 14, 1938. Class 16.

359,580. OLIVE OIL. FRANCESCO BRAGNO, doing business as Bragno & Company, Chicago, Ill.
Filed April 9, 1938. Serial No. 405,056. PUBLISHED JUNE 14, 1938. Class 46.

359,581. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, LOTIONS FOR THE SKIN AND HAIR, AND SHAMPOOS. FABERGÉ, INC., New York, N. Y.
Filed March 22, 1938. Serial No. 404,358. PUBLISHED JUNE 14, 1938. Class 6.

359,582. CHINTZ AND DRAPERY PIECE GOODS. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed April 11, 1938. Serial No. 405,129. PUBLISHED JUNE 14, 1938. Class 42.

359,583. METAL TUBES AND TUBING. VEREINIGTE DEUTSCHE METALLWERKE AKTIENGESELLSCHAFT, Frankfort-on-the-Main-Heddernheim, Germany.
Filed April 11, 1938. Serial No. 405,143. PUBLISHED MAY 31, 1938. Class 13.

359,584. FLOOR COVERING OF THE HARD-SURFACED, FLEXIBLE TYPE HAVING ON AN ASPHALT-SATURATED FELT BASE A PLASTIC COATING OF SUBSTANTIAL THICKNESS MADE FROM A COMPOSITION OF PITCH, WOOD FLOUR, AND MINERAL MATTER. BIRD & SON, INC., East Walpole, Mass.
Filed April 13, 1938. Serial No. 405,192. PUBLISHED JUNE 14, 1938. Class 20.

359,585. STAPLES USED IN STAPLING MACHINES FOR FASTENING PAPERS, CARDBOARD, FABRICS, METAL, ETC., TOGETHER; ALSO FOR FASTENING PAPERS, CARDBOARD, METAL, ETC., ON TO WOOD, ETC. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y.
Filed April 13, 1938. Serial No. 405,215. PUBLISHED MAY 31, 1938. Class 13.

359,586. RUBBER, FABRIC, LEATHER, AND IMITATION LEATHER ADHESIVE, PATCHING AND REPAIRING OUTFITS; RUBBER, FABRIC, LEATHER, AND IMITATION LEATHER ADHESIVE, RUBBER PATCHING MATERIAL; CEMENT AND GLUE FOR GLASS, METAL, CHINA, COMPOSITION, RUBBER, PAPER, GASKET, AND RIMS. R. M. HOLLINGSHEAD CORPORATION, Camden, N. J.
Filed April 14, 1938. Serial No. 405,254. PUBLISHED JUNE 14, 1938. Class 5.

359,587. HASSOCKS. HOMECRAFT MANUFACTURING CO., INC., New York, N. Y.
Filed April 14, 1938. Serial No. 405,255. PUBLISHED JUNE 7, 1938. Class 32.

359,588. HAND CLEANERS. ATLAS POWDER COMPANY, Wilmington, Del.
Filed April 15, 1938. Serial No. 405,285. PUBLISHED JUNE 14, 1938. Class 4.

359,589. TOY PUNCHING BAG. SAMUEL GOLDBERG, Brighton Beach, Brooklyn, N. Y.
Filed April 15, 1938. Serial No. 405,292. PUBLISHED JUNE 7, 1938. Class 22.

359,590. LUBRICATOR FILLERS FOR JOURNAL BOXES. RUDOLPH W. MILLER, doing business as Miller Felpax Company, Winona, Minn.
Filed April 15, 1938. Serial No. 405,309. PUBLISHED JUNE 7, 1938. Class 35.

359,591. CARBON PAPER. F. S. WEBSTER COMPANY, Cambridge, Mass.
Filed April 15, 1938. Serial No. 405,329. PUBLISHED JUNE 14, 1938. Class 11.

359,592. BED SHEETS, PILLOW CASES, TOWELS, SLIP COVERS, FURNITURE SCARFS, TEXTILE RUG PADS, AND DOILIES. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y.
Filed April 16, 1938. Serial No. 405,340. PUBLISHED JUNE 14, 1938. Class 42.

359,593. WOOLEN PIECE GOODS. CARLTON MILLS CO., INC., Philadelphia, Pa., and New York, N. Y.
Filed April 16, 1938. Serial No. 405,344. PUBLISHED JUNE 14, 1938. Class 42.

359,594. PIECE GOODS OF WOOL. C. M. DE LAND, New York, N. Y.
Filed April 16, 1938. Serial No. 405,349. PUBLISHED JUNE 14, 1938. Class 42.

359,595. VALVE SEATS. HADLEY-HUBBARD COMPANY, Boston and Roxbury, Mass.
Filed April 16, 1938. Serial No. 405,356. PUBLISHED JUNE 7, 1938. Class 13.

359,596. STERLING SILVER AND SILVER PLATED FLATWARE, HOLLOW WARE, AND TABLEWARE. NATIONAL SILVER COMPANY, New York, N. Y.
Filed April 18, 1938. Serial No. 405,402. PUBLISHED MAY 31, 1938. Class 28.

359,597. AUTOMOBILE RADIATOR HOSE. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed April 18, 1938. Serial No. 405,411. PUBLISHED JUNE 7, 1938. Class 35.

359,598. ROPE DRESSING AND PRESERVER. ENSIGN PRODUCTS COMPANY, Cleveland, Ohio.
Filed April 19, 1938. Serial No. 405,440. PUBLISHED JUNE 14, 1938. Class 4.

359,599. FRESH CITRUS FRUITS, AVOCADOS, PAPAYAS AND MANGOS. HACIENDA FLORES, INC., Fort Lauderdale, Fla.
Filed April 19, 1938. Serial No. 405,442. PUBLISHED JUNE 14, 1938. Class 46.

359,600. BEER. MOUNT CARBON MANUFACTURING AND SUPPLY COMPANY, doing business as Mt. Carbon Brewery, Pottsville, Pa.
Filed April 19, 1938. Serial No. 405,457. PUBLISHED JUNE 14, 1938. Class 48.

359,601. LAGER BEER. SALINAS BREWING & ICE COMPANY, Salinas, Calif.
Filed April 19, 1938. Serial No. 405,462. PUBLISHED JUNE 14, 1938. Class 48.

359,602. LACQUERS AND ENAMELS. ANDREW BROWN COMPANY, Los Angeles, Calif.
Filed April 20, 1938. Serial No. 405,479. PUBLISHED JUNE 14, 1938. Class 16.

359,603. BRAKE LINING. GATKE CORPORATION, Chicago, Ill.
Filed April 20, 1938. Serial No. 405,493. PUBLISHED JUNE 7, 1938. Class 35.

359,604. CANNED VEGETABLES, CANNED FRUITS, CANNED FRUIT JUICES FOR FOOD PURPOSES, CANNED PUMPKIN, CANNED SAUERKRAUT, AND CANNED SWEET POTATOES. GROCERS SERVICE CORPORATION, Chicago, Ill.
Filed April 20, 1938. Serial No. 405,504. PUBLISHED JUNE 14, 1938. Class 46.

359,605. PILLOW CASES. PERVEL CORPORATION, New York, N. Y.
Filed April 20, 1938. Serial No. 405,523. PUBLISHED JUNE 14, 1938. Class 42.

359,606. FISH LURES. SURE-CATCH LURE COMPANY, Irvington, N. J.
Filed April 20, 1938. Serial No. 405,531. PUBLISHED JUNE 7, 1938. Class 22.

359,607. CARD GAMES. WILSON DETECTOGRAPH, INC., Los Angeles, Calif.
Filed April 20, 1938. Serial No. 405,537. PUBLISHED JUNE 7, 1938. Class 22.

359,608. CANDY. IMPERIAL CANDY CO., Seattle, Wash.
Filed April 21, 1938. Serial No. 405,555. PUBLISHED JUNE 14, 1938. Class 46.

359,609. CARBONATED DRINK. MONTREAL ORANGE BOTTLING COMPANY LIMITED, Montreal, Quebec, Canada.
Filed April 21, 1938. Serial No. 405,563. PUBLISHED JUNE 14, 1938. Class 45.

359,610. WELDING RODS. STOODY COMPANY, Whittier, Calif.
Filed April 21, 1938. Serial No. 405,575. PUBLISHED JUNE 14, 1938. Class 14.

359,611. FISH LINES. CORTLAND LINE COMPANY, INC., Cortland, N. Y.
Filed April 22, 1938. Serial No. 405,592. PUBLISHED JUNE 7, 1938. Class 22.

359,612. FISH LINES. CORTLAND LINE COMPANY, INC., Cortland, N. Y.
Filed April 22, 1938. Serial No. 405,593. PUBLISHED JUNE 7, 1938. Class 22.

359,613. GAME BOARDS. BENJAMIN F. KELLEY, Tulsa, Okla.
Filed April 23, 1938. Serial No. 405,650. PUBLISHED JUNE 7, 1938. Class 22.

359,614. SILK PIECE GOODS. STERN & STERN TEXTILE IMPORTERS, INC., New York, N. Y.
Filed April 23, 1938. Serial No. 405,673. PUBLISHED JUNE 14, 1938. Class 42.

359,615. COTTON AND RAYON PIECE GOODS, COTTON AND RAYON BLANKETS, COTTON PIECE GOODS, AND COTTON BLANKETS. WHITTENTON MANUFACTURING COMPANY, Boston, Mass.
Filed April 23, 1938. Serial No. 405,674. PUBLISHED JUNE 14, 1938. Class 42.

359,616. CUSHIONS, PILLOWS, MATTRESSES, SEATS, ARM RESTS, PADS. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed April 26, 1938. Serial No. 405,722. PUBLISHED JUNE 7, 1938. Class 32.

359,617. FISH BAIT AND DECOY MINNOWS. ROBERT M. POTTS, doing business as The Try-Me Bait Company, Dayton, Ohio
Filed April 26, 1938. Serial No. 405,738. PUBLISHED JUNE 7, 1938. Class 22.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

359,618. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MODERN HEALTH PRODUCTS, INC., Milwaukee, Wis., now by change of name Modern Diet Products, Inc. Filed June 17, 1935. Serial No. 366,291.

SWISS LAX

For Laxative.
Claims use since May 25, 1935.

359,619. (CLASS 39. CLOTHING.) ARONOFF, RICHLING & FEIN, New York, N. Y. Filed Nov. 17, 1936. Serial No. 385,621.

The TAILORED GIRL

For Girls' Dresses, Suits, and Coats.
Claims use since October, 1936.

359,620. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) STEINWAY & SONS, New York, N. Y. Filed Apr. 23, 1937. Serial No. 391,783.

DIAPHRAGMATIC

For Soundboards for Pianos, Radios, and the Like.
Claims use since Mar. 29, 1937.

359,621. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ERNEST T. JANZ, Chicago, Ill. Filed May 3, 1937. Serial No. 392,213.

CITRO-PINE

For Cough Syrup.
Claims use since Feb. 10, 1937.

359,622. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) BURGESS BATTERY COMPANY, Chicago, Ill. Filed May 22, 1937. Serial No. 393,115.

MULTI-VENT

For Air Distributing Apparatus Used in Draftless Ventilating Systems for Distributing Air into Rooms or Other Enclosures, Which Include a Perforated Panel Through Which the Air Is Introduced into the Enclosures.
Claims use since Mar. 18, 1937.

359,623. (CLASS 39. CLOTHING.) NORWICH KNITTING CO., INC., Norwich, N. Y. Filed July 7, 1937. Serial No. 394,927.

WARM UP SHIRT
A NORWICH PRODUCT

For Knitted Sport Shirts.
Claims use since June 16, 1936.

359,624. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed July 10, 1937. Serial No. 395,088.

SO-STRONG

For Wheat Flour.
Claims use since June 18, 1937.

359,625. (CLASS 39. CLOTHING.) JACOB POLLACK & SONS, New York, N. Y. Filed July 17, 1937. Serial No. 395,354.

Burbank

For Men's and Boys' Overcoats and Topcoats.
Claims use since June 21, 1937.

359,626. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHANNON & ENGLE, INC., Yonkers, N. Y. Filed July 21, 1937. Serial No. 395,487.

Bryn Mawr

For Canned Fruits, Canned Vegetables.
Claims use since July 12, 1937.

359,627. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHANNON & ENGLE, INC., Yonkers, N. Y. Filed July 21, 1937. Serial No. 395,488.

LORRAINE

For Canned Fruits, Canned Vegetables.
Claims use since July 12, 1937.

359,628. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MEDICONE COMPANY, New York, N. Y. Filed Aug. 17, 1937. Serial No. 396,499.

JELLYCAPS

For Vaginal Capsules Used in the Treatment of Infectious Diseases of the Vagina.
Claims use since July 1, 1937.

359,629. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BULLOCK'S, INC., Los Angeles, Calif. Filed Sept. 9, 1937. Serial No. 397,242.

PALM SPRINGS

For Face, Skin, and Massage Creams, Pastes, Oils, Lotions, and Powders, Nail Preparations, Perfumes and Toilet Water, Rouge and Lipstick.
Claims use since July 3, 1937.

359,630. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH BALASSA, Newark, N. J. Filed Sept. 29, 1937. Serial No. 397,923.

ORIGINAL CORN STICK TRADE MARK GENUINE

For Preparation for Treating Corns, Callouses, Bunions, and Warts.
Claims use since June 17, 1937.

359,631. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MACKLANBURG-DUNCAN COMPANY, Oklahoma City, Okla. Filed Dec. 6, 1937. Serial No. 400,515.

Nu-Glaze

For Glazing Compound and Putties.
Claims use since Nov. 1, 1935.

359,632. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SMITH & SMITH, Glen Riddle, Pa. Filed Dec. 17, 1937. Serial No. 400,999.

LINUS SMITH

For Lotion for Treating Hemorrhoids.
Claims use since Apr. 14, 1937.

359,633. (CLASS 39. CLOTHING.) MODERN MANUFACTURING CO., INC., New York, N. Y. Filed Feb. 3, 1938. Serial No. 402,642.

Beth Paige

For Dresses and House-Dresses for Women, Misses, and Children.
Claims use since June, 1937.

359,634. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) JOHN W. HARRIMAN, doing business as Harriman Products Co., St. Louis, Mo. Filed Feb. 7, 1938. Serial No. 402,775.

KAN-FILLER

For Weight Controlled Valves with Spouts for Drawing Liquids into Containers.
Claims use since February 1, 1937.

359,635. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) M. LOWENSTEIN & SONS, INC., New York, N. Y. Filed Mar. 2, 1938. Serial No. 403,596.

Polo Pants

For Cotton Piece Goods.
Claims use since June 30, 1937.

359,636. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) M. LOWENSTEIN & SONS, INC., New York, N. Y. Filed Mar. 2, 1938. Serial No. 403,597.

SHANGHAI SHIRT

For Cotton Piece Goods.
Claims use since June 30, 1937.

359,637. (CLASS 39. CLOTHING.) EDWARD MEYER, New York, N. Y. Filed Mar. 9, 1938. Serial No. 403,874.

Lloyd & Haig

For Shoes Made of Leather.
Claims use since Mar. 27, 1925.

359,638. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INTERNATIONAL SALT COMPANY, INC., New York, N. Y. Filed Apr. 25, 1938. Serial No. 405,699.

Sterling

For Salt.
Claims use since July 31, 1934.

359,639. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed Apr. 29, 1938. Serial No. 405,850.

BRIGHTON

For Ready-Mixed House Paint.
Claims use since Aug. 31, 1929.

359,640. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed Apr. 29, 1938. Serial No. 405,851.

GRECIAN ENAMEL

For Paint Enamel.
Claims use since Oct. 31, 1920.

359,641. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo. Filed Apr. 29, 1938. Serial No. 405,852.

METALSHIELD

For Aluminum Paint.
Claims use since Sept. 30, 1931.

359,642. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GOULDS PUMPS, INCORPORATED, Seneca Falls, N. Y. Filed May 27, 1938. Serial No. 406,805.

GOULDS Close-Cupld PUMPS

For Centrifugal Pumps.
Claims use since Feb. 1, 1937.

359,643. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) ATREO MANUFACTURING CO., New York, N. Y. Filed May 27, 1938. Serial No. 406,897.

BUT-N-ON

For Dress Shields.
Claims use since May 1, 1937.

359,644. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) BON-TON, INCORPORATED, Chicago, Ill. Filed June 3, 1938. Serial No. 407,050.

Kennard Club

For Whiskey.
Claims use since Oct. 10, 1934.

359,645. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) MANY, BLANC & CO., INC., Chicago, Ill. Filed June 3, 1938. Serial No. 407,066.

PICARD

For Rum, Whiskey, Gin, Cordials, and Liqueurs.
Claims use since Jan. 12, 1934.

359,646. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) PARAMOUNT DISTILLING CORPORATION, Chicago, Ill. Filed June 9, 1938. Serial No. 407,231.

Mac Gowan's

For Whiskey.
Claims use since May 31, 1934.

359,647. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH S. WITKOWSKI, doing business as Witt Packing Co., Chicago, Ill. Filed June 20, 1938. Serial No. 407,702.

Dr. Gordon's

For Prepared Dog Food.
Claims use since Jan. 1, 1936.

359,648. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HALE B. ANTHONY, Rockport, Mass. Filed June 21, 1938. Serial No. 407,709.

Solomon Salt

For Dolls.
Claims use since June 21, 1937.

359,649. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y. Filed July 1, 1938. Serial No. 408,122.

Penn Maryland
PRIVATE STOCK

For Whiskey.
Claims use since Mar. 20, 1936.

359,650. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y. Filed July 1, 1938. Serial No. 408,123.

SPECIAL
OLD
RESERVE

For Whiskey.
Claims use since Nov. 4, 1933.

LABELS

REGISTERED AUGUST 23, 1938

51,649.—*Title:* CILOBANA B-9. For Supplemental Food with Vitamins B1 and B2. ANABOLIC FOOD PRODUCTS, INC., Chicago, Ill. Published June 20, 1938.

51,650.—*Title:* SINCERITY. For Peas. BANNER WHOLESALE GROCERS, INC., Chicago, Ill. Published July 20, 1937.

51,651.—*Title:* SINCERITY. For Peaches. BANNER WHOLESALE GROCERS, INC., Chicago, Ill. Published July 20, 1937.

51,652.—*Title:* LINDA. For Odorless Sterilizer and Deodorant. GIULIO CANALE, Chicago, Ill. Published February 1, 1938.

51,653.—*Title:* CLAMP NAIL MITR-TITES. For Miter Joint Fasteners. CLAMP NAIL COMPANY, Chicago, Ill. Published June 24, 1938.

51,654.—*Title:* CLAMP NAIL TITE-MITR. For Miter Joint Fasteners. CLAMP NAIL COMPANY, Chicago, Ill. Published June 24, 1938.

51,655.—*Title:* DEBUS WHEAT BLO-NUPS FOR YOUTHS AND GROWN-UPS. For Prepared Wheat in Puffed or Exploded Form. THE DEBUS CORPORATION, Hastings, Nebr. Published July 6, 1938.

51,656.—*Title:* BOND—GUARANTEED FRESH. For Bread. GENERAL BAKING COMPANY, New York, N. Y. Published June 27, 1938.

51,657.—*Title:* BOND—GUARANTEED FRESH. For Bread. GENERAL BAKING COMPANY, New York, N. Y. Published June 27, 1938.

51,658.—*Title:* BINGO. For Chewing Gum. GUMAKERS OF AMERICA, INC., Clifton Heights, Pa. Published July 18, 1938.

51,659.—*Title:* GERMAN CLUB BRAND. For Pilsener Beer. LOCKPORT BREWING CO., Lock Haven, Pa. Published April 6, 1938.

51,660.—*Title:* V-8 COCKTAIL. For Blend of 8 Vegetable Juices. THE LOUDON PACKING COMPANY, Terre Haute, Ind. Published June 27, 1938.

51,661.—*Title:* V I. For Vegetable Extracts, Iron Peptouate and Other Ingredients Used as a Stomach Stimulant, etc. MORTON MEDICINE COMPANY, Baltimore, Md. Published June 15, 1938.

51,662.—*Title:* SHURFINE (PAPRIKA). For Paprika. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published February 1, 1937.

51,663.—*Title:* SHURFINE (STRAINED SPINACH). For Strained Spinach. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published July 1, 1937.

51,664.—*Title:* SHURFINE (CORNED BEEF). For Compressed Cooked Corned Beef. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published January 1, 1937.

51,665.—*Title:* RITZ. For Beer. POINTER BREWING CO., Clinton, Iowa. Published June 20, 1938.

51,666.—*Title:* N R G. For Bread. PURITY BAKING COMPANY LIMITED, Toronto, Ontario, Canada. Published April 21, 1938.

51,667.—*Title:* BATHASWEET. For Preparation for the Bath. THE C. S. WELCH COMPANY, New York, N. Y. Published March 11, 1938.

51,668.—*Title:* OLD GERMAN BRAND. For Beer. D. G. YUENGLING & SON, INC., Pottsville, Pa. Published June 29, 1938.

PRINTS

REGISTERED AUGUST 23, 1938

17,012.—*Title:* ARTHUR H. ALLEN FEATURING CALIFORNIA FUN TOGS. For Sports Clothes. ARTHUR H. ALLEN, Chicago, Ill. Published April 18, 1938.

17,013.—*Title:* YOU GET MORE OUT OF HAMPDEN. For Ale and Beer. HAMPDEN BREWING COMPANY, Willimansett, Mass. Published July 13, 1938.

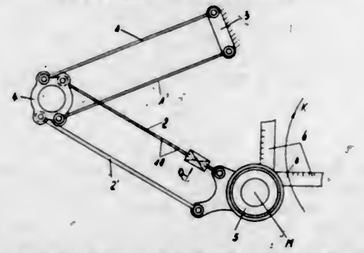
17,014.—*Title:* A CORDIAL WELCOME TO YOU ALL! AD. NO. 989. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published April 1, 1938.

17,015.—*Title:* TENDERETS AND TENDERET COMBINATIONS. For a Machine for Processing Meats. TENDERET CORPORATION, Chicago, Ill. Published June 28, 1938.

REISSUES

AUGUST 23, 1938

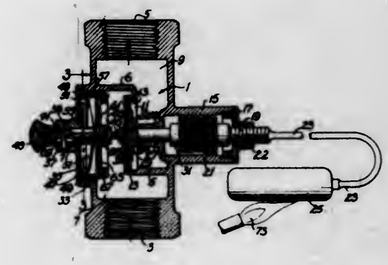
20,834
DRAWING INSTRUMENT
Karl Rabe, Stuttgart, Germany, assignor to Adolf Rosenberger, Paris, France
Original No. 2,112,113, dated March 22, 1938, Serial No. 4,382, January 31, 1935. Application for reissue May 12, 1938, Serial No. 207,570
12 Claims. (Cl. 33—122)



9. In an instrument of the type described adapted for use in connection with a plane surface, a support adapted for attachment in fixed relation to said surface, an intermediate member, a pair of arms each pivotally attached at one end to said support and at the other end to said intermediate member, a link pivotally attached at one end to said intermediate member, a planimeter running wheel supported upon said link in position to operate upon said surface, and tracing point means adapted to be guided around the periphery of an area to be measured by said planimeter carried by the said link.

20,835
THERMOSTATICALLY CONTROLLED DEVICE
John A. Spencer, Newtonville, Mass., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass., a corporation of Massachusetts
Original No. 2,040,762, dated May 12, 1936, Serial No. 719,704, April 9, 1934. Application for reissue November 19, 1936, Serial No. 111,647
7 Claims. (Cl. 158—117.1)

1. A temperature controlled device comprising actuated control means, actuating means for said control means, said actuating means comprising a radially corrugated snap-acting resilient metal disc having a position of absolute stability and a position of comparative stability, and being characterized in that the force required to initiate movement of said disc from its position of absolute stability to its position of comparative stability is greater than the force required to maintain said disc in its position of comparative stability, thermally responsive means comprising



a bulb and bellows unit positioned to react upon said actuating means and, under proper thermal conditions, to supply the force necessary to maintain said disc in its position of comparative stability, said thermally responsive means, however, being incapable, under normal temperature variations, of supplying a force sufficiently great to initiate movement of the disc from its position of absolute stability to its position of comparative stability, and manually operable means for supplying sufficient force to move said disc from its position of absolute stability to its position of comparative stability.

PLANT PATENTS

GRANTED AUGUST 23, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

283
PEACH TREE
Robert Walter Fair, Tyler, Tex.
Application December 2, 1937, Serial No. 177,812
1 Claim. (Cl. 47—62)

A new and distinct variety of peach tree characterized by its similarity to the Elberta in general details, but having an earlier ripening period of its fruit, a smoother and brighter color of the fruit due to scantiness of pubescence, and better flavor, substantially as shown and described.

284
ROSE PLANT
Jean Gaujard, Feyzin, France, assignor to Jackson & Perkins Company, Newark, N. Y.
Application September 18, 1937, Serial No. 164,593
1 Claim. (Cl. 47—61)

A new and distinct variety of rose plant, substantially as shown and described, resulting from the cross of the two strains Rugosa and Austrian Copper, having the characteristics of Rugosa, and the Hybrid Tea type of bloom of two tone color, adapted particularly for mass planting for garden decoration.

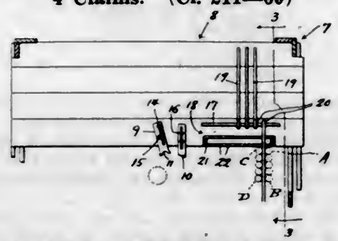
285
ROSE
Jean H. Nicolas, Newark, N. Y., assignor to Jackson & Perkins Company, Newark, N. Y.
Application June 18, 1937, Serial No. 149,016
1 Claim. (Cl. 47—61)

A new and distinct type of polyantha rose plant for pot forcing or garden use, characterized by its medium low, uniform growing and brilliant cerise coloring of its flowers, substantially as shown and described.

PATENTS

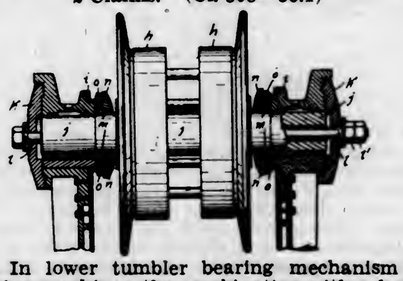
GRANTED AUGUST 23, 1938

2,127,492
PIPE AND TUBING RACK
Walter B. Aggers, Coalinga, Calif.
Application August 27, 1936, Serial No. 98,261
4 Claims. (Cl. 211—60)



1. In a derrick, a tubing board structure adapted to be mounted on said derrick, a retaining member on said board, said retaining member comprising an attaching portion and upstanding flange portions, said flange portions being provided with a plurality of aligned keeper notches, a plurality of selectively usable rods engageable intermediate their ends with aligned pairs of said keeper notches, and means pivotally and slidably attaching the inner ends of the rods to the board structure.

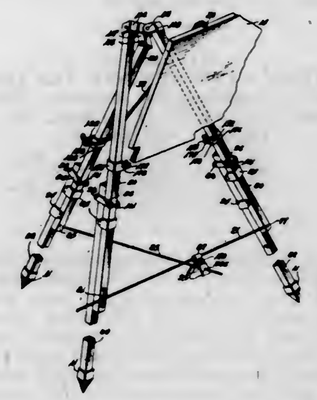
2,127,493
LOWER TUMBLER BEARING SEAL FOR SUBMERSIBLE BUCKET DREDGES
Rex L. Tamerlane, Portland, Oreg., assignor to Columbia Steel Casting Company, a corporation of Oregon
Application January 13, 1936, Serial No. 58,802
2 Claims. (Cl. 308—36.1)



1. In lower tumbler bearing mechanism for digging machines, the combination with a hollow shaft journalled between two spaced bearings of means for forming a water and dirt tight seal about each of said bearings comprising a plate extending across one face of each of the journal bearings and the ends of said shafts, a tie rod extending thru the hollow bore of said shaft but spaced therefrom to leave a passageway therethru and a sealing gasket encompassing said shaft adjacent the other faces of said bearings respectively.

2,127,494
EASEL
Joseph Tepper, Boston, Mass.
Application August 18, 1934, Serial No. 740,462
5 Claims. (Cl. 248—197)

1. A tripod having, in combination, three legs, two pivoted, U-shaped members in each of which the upper end of one of the legs of the tripod is secured, and a third U-shaped member pivoted



about the pivot of the two first-named U-shaped members, the upper end of the third leg being pivoted in the third U-shaped member.

2,127,495
MANUFACTURE OF NITROGEN BASE SALTS OF ACID ALKYL ESTERS
Anton Johan Tulleners, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application June 20, 1936, Serial No. 86,339. In the Netherlands June 26, 1935
9 Claims. (Cl. 260—460)

1. A process of producing an organic nitrogen base salt of an acid alkyl ester of a polybasic mineral acid, which comprises reacting an organic nitrogen base compound of the class consisting of free organic nitrogen bases and organic nitrogen base salts with an inorganic salt of an acid alkyl ester of a polybasic mineral acid.
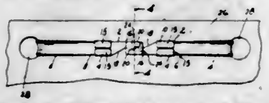
2,127,496
METHOD OF PURIFYING CAUSTIC SODA
William F. Waldeck, Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania
No Drawing. Application February 15, 1936, Serial No. 64,162
6 Claims. (Cl. 23—184)

4. A process of removing dissolved salt from caustic soda liquor of a concentration at least sufficient to form the heptahydrate, said solution being substantially saturated with a sodium salt, which comprises cooling the solution until a mixture of substantial amounts of fine crystals of said salt and coarse crystals of hydrated sodium hydroxide is formed in the liquor, then filtering the mixture through a foraminous body having interstices of a size sufficient to permit passage of the salt crystals while retaining the crystals of sodium hydroxide.

2,127,497
LUBRICATING GREASE
Frederick Arthur Webster, Jr., Richmond, Calif., assignor to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
No Drawing. Application May 21, 1934, Serial No. 726,730
9 Claims. (Cl. 87—9)

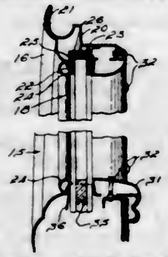
1. A lubricating grease containing a soda-type soap and aluminum stearate in the ratio of 7 to 9 percent by weight to 93 to 91 percent by weight, respectively, and lubricating oil.

2,127,498
FLEXIBLE FASTENER AND THE LIKE
Paul A. Westphal, Los Angeles, Calif.
Application January 12, 1935, Serial No. 1,549
2 Claims. (Cl. 24—67)



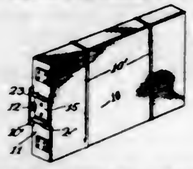
1. In the interlocking fastener of the class described consisting of a pair of interlocking members, each member comprising, a base member, a pair of gripping flanges extending sidewardly out of the said base member, a tapered mid-section member extending out of said base member and gradually tapering one of its side edges toward the end into approximately half the width of said base member, and a transverse hook section extending sidewardly from the extended end of said mid-section having its total length commensurating the width of the said base member; said hook section at the junction with said tapered mid-section having an upward and outward bend from the principal plane of said tapered mid-section and said base members, to provide a parallel position of said interlocking members in respect to each other and during their engagement and for preventing sideward disengagement of the said hook sections while in locked position.

2,127,499
WINDOW FINISH STRIP
Charles H. Widman and Alfred H. Haberstump, Detroit, Mich., assignors to The Murray Corporation of America, a corporation of Delaware
Application May 18, 1933, Serial No. 671,614
Renewed February 1, 1937
7 Claims. (Cl. 296—44)



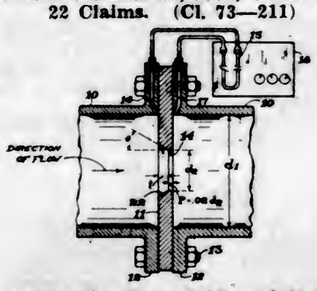
1. An automotive vehicle having a panel defining a window opening, a window for said opening, a flange on said panel spaced from but parallel to the plane of the window, and a frame of at least three sides and of L-section having a rolled edge which forms a spring and provides a finish to the flange of said panel and constitutes a side and bottom of a glass run guide.

2,127,500
CONTAINER FOR PNEUMATIC TUBE CONVEYERS
Arthur W. Cross, Keyser, W. Va.
Application September 1, 1937, Serial No. 161,903
4 Claims. (Cl. 243—35)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A pneumatic despatch carrier including a body having an open end, a closure hinged to said body adjacent its open end, a portion of the wall of the body extending above the closure, a spring latch the spring of which is carried within the extended wall portion and the catch of which terminates below the end of the extended wall portion, a shield on the closure at each side of the latch to shield it against accidental displacement and also to serve as handles for facilitating the manipulations of the closure in opening and closing the same, and means whereby the carrier may be propelled.

2,127,501
FLUID FLOW MEASURING MEANS
Horace E. Dall, Luton, England, assignor to Leeds and Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 28, 1935, Serial No. 56,422
22 Claims. (Cl. 73—211)

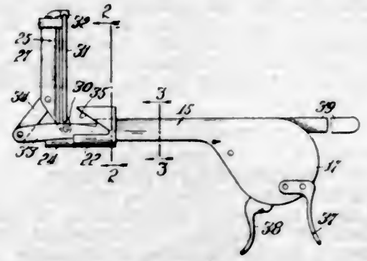


1. A constriction for a fluid conduit developing a head for flow criteria ranging upwardly from approximately 100 substantially proportional to the rate of flow comprising a wall forming a constricted fluid-passage, said fluid-passage having an entrance, the wall-portion of which lies at an angle of between twenty and forty-five degrees to the longitudinal axis of said conduit and the quotient of the distance across the smallest cross sectional area of the entrance divided by the length of said entrance having a value between six and twelve.

2,127,502
DENTAL FILM HOLDER
Andre de Weal, New York, N. Y.
Application August 27, 1936, Serial No. 98,257
19 Claims. (Cl. 250—34)

1. In a device of the type described, the combination of an elongated frame, means for holding said frame in fixed position with respect to a patient's mouth, a film holder swingingly mounted on a pivot movable along said frame at one end portion thereof, a pointer swingingly

mounted in position at the opposite end portion of said frame, and linkwork means movably mounted between said film holder and said



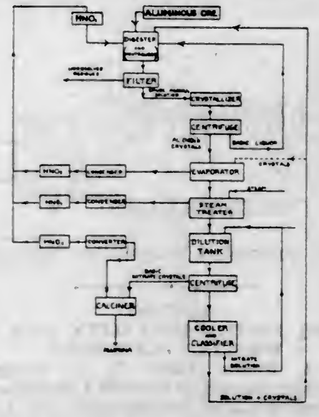
pointer actuated by a swinging movement of said film holder for causing said pointer means to swing in the same direction but through a smaller arc.

2,127,503
GAS LIQUOR TREATMENT
Fred Denig, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, a corporation of Delaware
Application February 7, 1935, Serial No. 5,446
5 Claims. (Cl. 260—627)

1. A process for the distillation of gas liquor or liquors containing tar acids derived from a stream of gas which comprises heating of the liquors in the free section of an ammonia still to such temperature and passing therethrough such quantities of steam or vapor from a fixed section of the still that substantially complete removal of the acidic gases is obtained; introducing the constituents volatilized from the free section into the gas stream, heating the resulting liquor in the fixed section of the still, restricting the volume of the hot vapors entering the free ammonia section from the fixed section to sufficiently high amounts that the acidic gases are substantially completely removed from the liquor there treated but sufficiently low that substantially all tar acids are retained therein and carried away in the residual liquor from the free section, irrespectively of whether the free ammonia is all driven off from or to some extent remains in the liquor leaving the free section, passing the excess vapors distilling from the fixed section directly into the gas stream, and dephenolizing the gas liquor with recovery of its tar acid subsequently to its treatment as aforesaid in the free ammonia section.

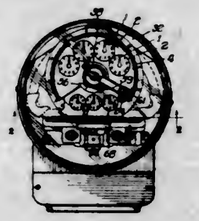
2,127,504
ALUMINA PRODUCTION
Ralph B. Derr, Oakmont, and Henry B. Stere, New Kensington, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 18, 1935, Serial No. 55,126
15 Claims. (Cl. 23—143)

1. The process of producing basic aluminum nitrate, which comprises concentrating a solution of aluminum nitrate, adding aqueous fluid while heating the solution to a substantially constant temperature until a substantial portion of the normal nitric acid content is removed, mixing the residue containing normal and basic aluminum nitrates with an aqueous solvent for normal aluminum nitrate selected from the group consisting of a solution of normal aluminum nitrate, a solution of normal and basic aluminum nitrates, and a solution of basic aluminum nitrate to form a solution in which at least a portion of the basic aluminum nitrate re-



mains undissolved, and separating undissolved basic aluminum nitrate from the solution.

2,127,505
ELECTRIC METER
Albert L. Emens, La Fayette, Ind., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind., a corporation of Illinois
Application February 29, 1932, Serial No. 595,804
8 Claims. (Cl. 171—34)

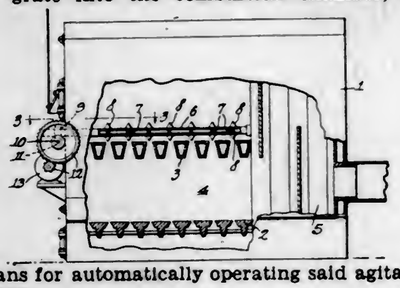


1. An electric maximum demand meter including a pusher element, means constantly tending to move said pusher element forwardly in proportion to the power consumption, snap-back means for causing the return of said pusher element after the lapse of a given period, and manually operable means for causing the operation of said snap-back means in advance of its schedule; said manually operable means having a portion visible during ordinary meter readings, said part being rotated by said return means in its normal operation, whereby the meter reader can readily see whether or not said first named means is in operation.

2,127,506
FURNACE
George William Franzheim, Dunkirk, N. Y.
Application November 13, 1936, Serial No. 110,767
4 Claims. (Cl. 110—29)

1. In a down draft furnace for boilers or the like the combination with a stationary upper grate and a lower grate forming a combustion chamber therebetween, and a fuel space above the upper grate, of means within the fuel space close to and above the upper grate and positioned for agitating unburned fuel on the upper

grate for gravitation through said upper stationary grate into the combustion chamber, and



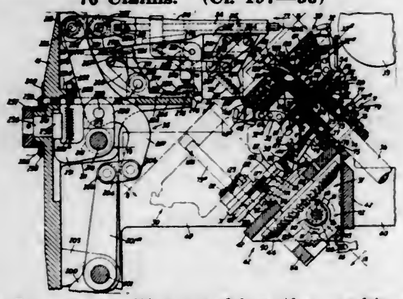
means for automatically operating said agitating means.

2,127,507

PRINTING INSTRUMENTALITY FOR TYPEWRITING MACHINES

Charles A. Fuchs, Hollis, N. Y., assignor, by mesne assignments, to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y., a corporation of Delaware

Application January 29, 1935, Serial No. 3,909
76 Claims. (Cl. 197—53)



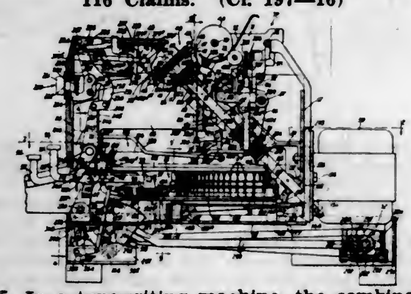
1. In a typewriting machine, the combination of printing instrumentalities including a plurality of type carriers, a turn table to support said carriers, a stationary bracket, a shaft to rotatably support the turn table on said bracket and at one side thereof, and means to engage the shaft at the opposite side of said bracket to selectively position any one of the type carriers in its active position.

2,127,508

TYPEWRITING MACHINE

Charles A. Fuchs, Hollis, N. Y., assignor, by mesne assignments, to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y., a corporation of Delaware

Application January 29, 1935, Serial No. 3,910
116 Claims. (Cl. 197—16)



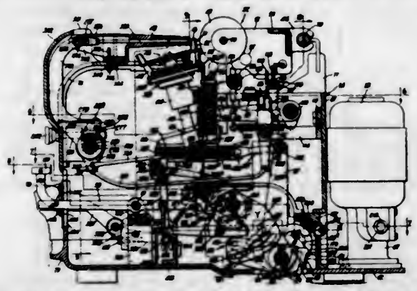
5. In a typewriting machine, the combination of a type carrier having a plurality of types thereon, means to actuate said type carrier to juxtapose any one of the types with respect to a printing point, the actuating means including a cam, and an element operable by said cam always through the same extent to drive the type carrier, key levers, means common to the key levers and operable thereby to effect the actuation of said cam, and means to vary the extents of movement imparted by the operable element to the type carrier.

2,127,509

TYPEWRITING MACHINE

Charles A. Fuchs, Plainsview, Hicksville, N. Y., assignor, by mesne assignments, to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y., a corporation of Delaware

Application July 31, 1935, Serial No. 33,938
118 Claims. (Cl. 197—16)



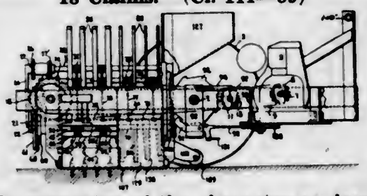
1. In a typewriting machine, the combination of printing instrumentalities including a plurality of types, key levers one corresponding to each type, a plurality of differently shaped cams associated with the printing instrumentalities one for each type thereof, a cam actuating device normally at rest, a plurality of connecting elements, each connecting element being associated with one of the key levers and the corresponding cam, each connecting element being operable by its key lever to positively connect the associated cam with said cam actuating device, means operable by the connected cam to drive the printing instrumentalities to register the corresponding type at the printing point, continually reciprocating power driven means, and means responsive to the actuation of any one of the key levers to effect a connection of the cam actuating device with the reciprocating means while the latter is momentarily at rest due to a reversal of motion.

2,127,510

MEANS FOR SPIKING TURF

William H. Fulton, West Orange, N. J.

Application September 19, 1935, Serial No. 41,231
18 Claims. (Cl. 111—89)



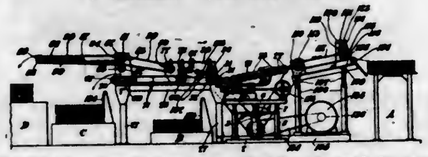
1. In apparatus of the character as described, the combination with a vehicle having traction means for causing the vehicle to travel along the earth's surface with alternate periods of rest and movement, and carry one or more excavators to different places of excavation, of one or more excavator drills mounted thereon and adapted to be inserted into and withdrawn from the ground, means for rotating said drills and means for inserting and withdrawing said drills into and from the earth and means relating the said traction means and the drill inserting and withdrawing means to insert and withdraw the drills only while they are stationary as regards movement along the ground.

2,127,511

CLASSIFYING APPARATUS

Julius E. Graf, Avalon, and James K. Lamoree, Mount Lebanon, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company, a corporation of New Jersey

Application February 19, 1935, Serial No. 7,290
3 Claims. (Cl. 209—121)



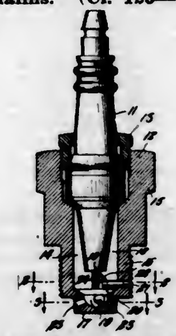
1. Apparatus for automatically classifying successively fed continuously moving work-pieces according to weight comprising, in combination, a conveyer for uninterruptedly moving the work-pieces, a weighing device, an anti-friction platform carried by said weighing device and disposed at the extreme delivery end of said conveyer for receiving work-pieces delivered therefrom said anti-friction platform being constructed and arranged solely to permit the uninterrupted gravity movement of work-pieces entirely thereover and yieldable under weight to operate said weighing device, a selective classifying device disposed at the extreme delivery end of said anti-friction platform for receiving work-pieces delivered therefrom, and means operable by said weighing device for controlling said selective classifying device, said selective classifying device being operable to classify the work-pieces while permitting their uninterrupted movement.

2,127,512

SPARK PLUG

William Harper, Jr., Port Washington, N. Y., assignor to H. B. Motor Corporation, New York, N. Y., a corporation of New York

Application June 13, 1936, Serial No. 84,991
17 Claims. (Cl. 123—169)



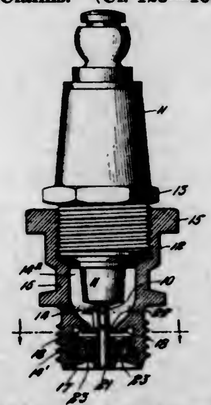
1. A spark plug comprising an insulator, a metal body supporting the insulator and having an externally threaded tubular portion extending beyond the inner end of the insulator, a shield closing the inner end of said tubular portion and providing a hollow projection of less diameter than said tubular portion, and electrodes positioned to provide a spark gap within the tubular portion of the body near its inner end, said hollow projection containing restricted passages through its side walls directed towards points spaced from the spark gap.

2,127,513

SPARK PLUG

William Harper, Jr., Port Washington, N. Y., assignor to H. B. Motor Corporation, New York, N. Y., a corporation of New York

Application May 25, 1937, Serial No. 144,575
7 Claims. (Cl. 123—169)



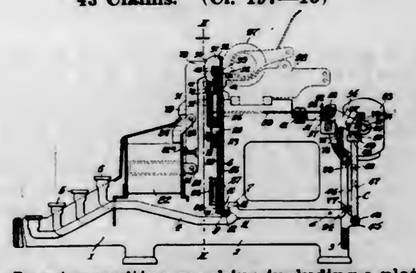
1. A spark plug comprising an insulator, a body supporting the insulator and forming a casing providing a chamber enclosing the inner end of the insulator and containing passages entering the inner end of said chamber, electrodes providing in the chamber a spark gap extending lengthwise of the chamber, and means other than said electrodes providing in the chamber a reduced orifice surrounding the spark gap.

2,127,514

WRITING MACHINE

Walter J. Hausman, Westfield, N. J., assignor to Burnell Laboratory Company, Incorporated, Locust Valley, Long Island, N. Y., a corporation

Application March 20, 1931, Serial No. 524,116
Renewed May 14, 1937
43 Claims. (Cl. 197—16)



2. In a typewriting machine including a platen, and an actuator, of a type bar unit having type bars which may be operated by said actuator one at a time to print against the platen, means whereby the type bars may be moved selectively into cooperative relation with said actuator, a bracket, and means for demountably attaching the type bar unit to said bracket to facilitate replacement of the type bar unit at will by another type bar unit having a different style of

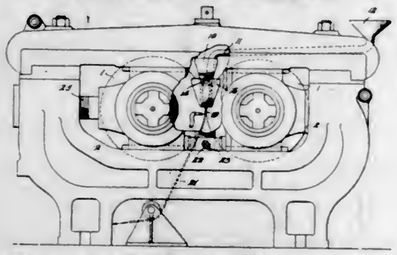
types, said last mentioned means operating to locate the type bar unit on the bracket in operative assembly relatively to the actuator.

2,127,515

METHOD OF PRODUCING SOLID METAL OF SUBSTANTIALLY CONSTANT CROSS SECTION THROUGHOUT ITS LENGTH DIRECTLY FROM A MASS OF MOLTEN METAL AND TO AN APPARATUS THEREFOR

Clarence W. Hazelett, Greenwich, Conn.

Application June 7, 1937, Serial No. 146,792
35 Claims. (Cl. 22—200.1)



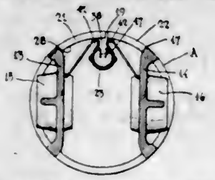
1. The method of producing solid metal of substantially constant cross section throughout its length directly from a mass of molten metal which comprises establishing a main bath of molten metal between a pair of adjacent and operatively associated rolls, restraining said bath against lateral extension at two surfaces beyond the ends of said rolls to provide two auxiliary baths contiguous with the end of said main bath, and rotating said rolls to cause the ejection of solidified metal from the bight of the rolls, said metal having a width substantially equal to that of said rolls and less than the combined lengths of said main and said auxiliary baths.

2,127,516

PISTON EXPANDER

Arthur A. Heaton, Minneapolis, Minn.

Application January 13, 1936, Serial No. 58,795
3 Claims. (Cl. 309—12)



1. A piston expander for application to a piston having wrist pin bosses and a skirt slit longitudinally at a locality intermediate said bosses, said expander comprising two struts adapted to engage said bosses and to engage said skirt on opposite sides of the slit therein, a looped member connected to said struts at their ends adjacent said slit and a spring member within said looped member and urging the opposed portions thereof apart to expand the piston.

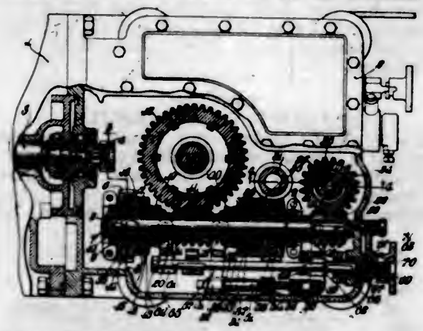
2,127,517

TRANSMISSION MECHANISM

Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Original application August 5, 1931, Serial No. 555,328. Divided and this application February 27, 1933, Serial No. 658,805
13 Claims. (Cl. 74—125.5)

1. In a transmission mechanism, a driving element, a driven element, and driving connections between said elements including a friction clutch, loading means for said clutch including a flexible connection through which the clutch loading pressure is yieldingly transmitted to effect clutch loading, and means actuated by an element of



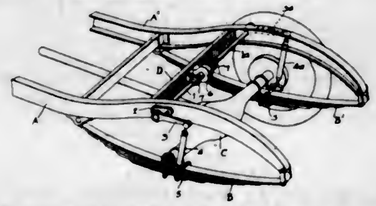
said driving connections for selectively intermittently or continuously tensioning said flexible clutch loading connection to load said clutch to an extent sufficient to effect selective intermittent or continuous drive of said driven element.

2,127,518

STABILIZER SHOCK ABSORBER FOR MOTOR CARS

Charles B. Huntman, Plainfield, N. J.

Continuation of application Serial No. 725,432, May 14, 1934. This application October 16, 1935, Serial No. 45,243. Renewed November 17, 1937
20 Claims. (Cl. 267—11)



1. In an automobile-ride-stabilizer equipment, transverse force transmitting means having two lateral end sections readily attachable and detachable to and from a fixed part of the automobile and a shock-absorber fixed to the sprung mass intermediate said sections of the transverse force-transmitting means, and connections on each side of the shock-absorber permitting ready detachment of both sections of the transverse force transmitting means without detaching the shock absorber.

2,127,519

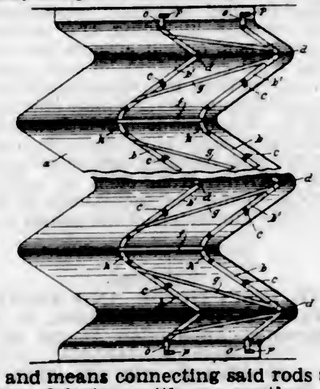
COLLAPSIBLE GAS HOLDER

Konrad Jagschitz, Mainz-Gustavsburg, Germany, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Nuremberg, Germany, a corporation of Germany

Application January 18, 1936, Serial No. 59,686
In Germany February 8, 1935
16 Claims. (Cl. 48—178)

2. In a gasholder, the combination of a collapsible shell formed by a series of upwardly extending undulations of flexible material, relatively rigid rods extending transversely of the undulations approximately parallel to the individual undulations and adjacent thereto, said rods acting

to stiffen the material of said undulations to resist distortion by the pressure of the gas stored within



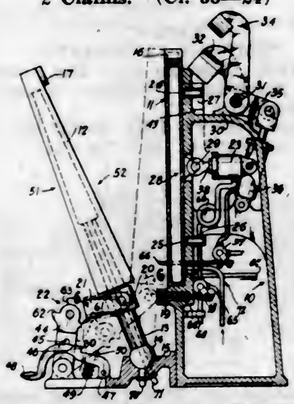
the shell, and means connecting said rods and the associated undulations with one another.

2,127,520

PRESS

Frank J. Kahn, New York, N. Y.

Application December 27, 1934, Serial No. 759,352
2 Claims. (Cl. 38—24)



1. A pressing machine comprising a frame, a vertical heatable head supported by said frame, a padded buck having a plurality of pressing faces, means for pivoting said buck on said frame so that it can swing between an inclined position and a vertical position in contact with said head and so that it can rotate about an axis perpendicular to the axis of swing, whereby any selected one of the faces may be brought into contact with the head.

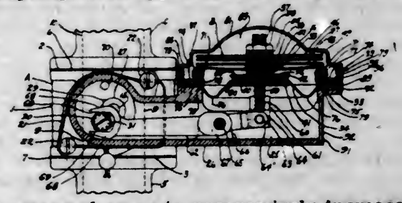
2,127,521

GOVERNOR MECHANISM

William E. Kemp, Detroit, Mich., assignor to Pierce Governor Company, Anderson, Ind., a corporation of Indiana

Application October 13, 1932, Serial No. 637,612
Renewed June 9, 1937
9 Claims. (Cl. 267—1)

1. A yielding resistance unit comprising a plurality of spaced leaf springs of progressively increasing resistance, means for anchoring intermediate portions of said springs in juxtaposition and thus providing free ends, support means for engaging said opposite free ends, and means for moving said springs and support means relatively to each other to cause a flexing of said springs securing successive operative and sliding engagement of each free end with said support means, said springs and support means being constructed



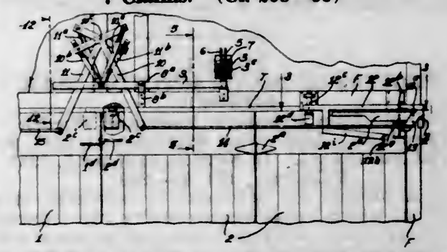
and arranged so as to progressively increase the resistance of the individual springs successively during such flexing movement, the total effect being to obtain a substantially parabolic-force-deflection curve.

2,127,522

GARAGE DOOR OPENING AND CLOSING APPARATUS

Joseph J. Kramer, National City, Calif.

Application February 1, 1936, Serial No. 61,905
7 Claims. (Cl. 268—68)



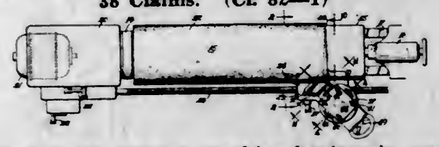
2. In a garage door opening and closing remote control apparatus, the combination with double folding hinged doors, of an arm member pivotally mounted on the door frame above said door and extending forwardly of the garage, a handle member depending therefrom at its outwardly extending end, a shaft revolubly mounted in said handle member, a latch in operative relation with said shaft, lever and link means connecting with said arm, controlled by said latch and connected with the hinged folded door member of said folding doors, and said link and lever means including pairs of identical members connected with said doors whereby said doors are simultaneously operated.

2,127,523

METAL TURNING

Charles E. Kraus, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a corporation of Illinois

Application January 9, 1937, Serial No. 119,779
38 Claims. (Cl. 82—1)



1. A metal turning machine having, in combination, means supporting a work piece for rotation on a horizontal longitudinal axis, a cutter disk having oppositely facing cutting and clearance surfaces converging to a circular peripheral cutting edge, means supporting said disk to rotate freely about a horizontal axis disposed below

the work axis at an obtuse angle relative to the unfinished part of the work so as to face said cutting surface away from the work with an arcuate portion of said cutting edge intersecting the periphery of the work piece, power driven means for rotating said work piece to advance successive peripheral portions of the work toward said cutting surface whereby to cause rotation of said disk in a direction to advance successive points on said edge through the work from a point of entry on the uncut diameter of the work, and means for relatively feeding said work piece and said disk supporting means longitudinally of the work in the direction in which said clearance surface faces.

30. The method of metal turning which comprises rotating a piece of work on its longitudinal axis, producing relative feeding movement between the work and a circular cutting edge which actively intersects the work from a point on the uncut surface to a point on the reduced diameter spaced from said first point in the direction of work rotation, and rotating said edge during engagement with the work to advance successive portions of the edge through the work from said first to said second mentioned points and at an effective cutting speed substantially less than the peripheral speed of the work.

2,127,524

PROCESS OF MANUFACTURING MILK POWDER

Ninni Maria Kronberg, Rydsgard, Sweden

No Drawing. Application December 22, 1933, Serial No. 703,671. In Sweden January 9, 1933
5 Claims. (Cl. 99—203)

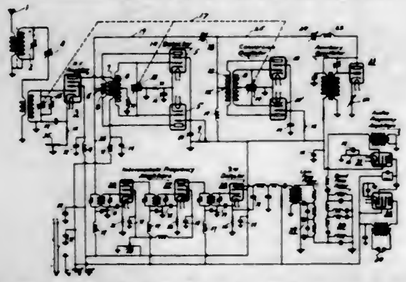
1. A process for producing a powdered milk product which comprises preparing two separate portions of milk material, conditioning one of said portions by bringing it to a desired temperature and treating with an organic acid conducive to conversion of at least a portion of the sugar content into invert sugar, then emulsifying without permitting the proteins to separate, modifying the other portion with desired additions and emulsifying, and thereafter drying said emulsified portions together by atomization under the influence of an impressed electric stress.

2,127,525

RADIO RECEIVING SYSTEM

Thomas A. Marshall, San Pedro, Calif.

Application July 1, 1936, Serial No. 88,389
4 Claims. (Cl. 250—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



4. In a superheterodyne high-frequency signal receiving system, a first detector comprising a pair of electron tube devices having input circuits connected in push-pull relation and output circuits connected in parallel relation, center-tapped inductances in said input and said output circuits arranged in coupled relation, and a third inductance coupled with said center-tapped inductances, means including the center-tapped inductance in said output circuits for impressing modulated local oscillations on said input circuit in balanced relation, means including said third inductance for impressing signal energy on said input circuit in unbalanced relation, and an intermediate frequency amplifier operatively connected with said parallel connected output circuits for receiving from each of said electron tube devices modulated oscillations of beat frequency in the character of the signal energy.

2,127,526

ACTIVE INSECTICIDE AND FUNGICIDE

Walter C. O'Kane, Durham, N. H.

No Drawing. Application August 16, 1934, Serial No. 740,197
16 Claims. (Cl. 167—43)

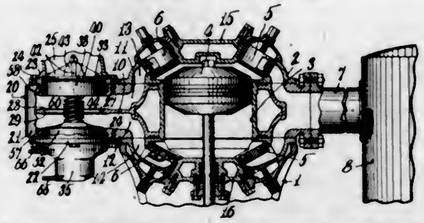
15. A fungicide or insecticide composition containing a bland oil selected from the class consisting of vegetable and animal oils, an oil soluble insect poison, a hydrocarbon distillate, the hydrocarbon components of which are of substantially uniform molecular size, and an oil soluble emulsifying agent.

2,127,527

PUMPING APPARATUS

Win W. Paget, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application July 27, 1936, Serial No. 92,749
18 Claims. (Cl. 230—25)



1. In combination, in a pumping mechanism, a pump cylinder having a divided intake providing separate passages leading to the opposite ends of said cylinder, and pump unloading mechanism for effecting partial or total unloading comprising means providing a partition separating said passages, said partition having an opening communicating with both passages and said opening surrounded at the opposite sides of said partition by valve seats, and separate coaxial valves respectively separately controlling said passages and approaching each other on closing movement and movable to seat on said seats, and a fluid passage communicable with said passages and controlled by said valves.

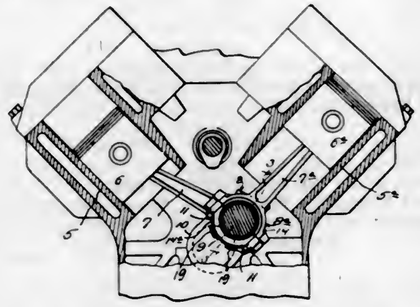
2,127,528

ABRADING DEVICE

Frank Postma, Ridgewood, N. J.

Application November 5, 1937, Serial No. 173,014
5 Claims. (Cl. 51—204)

1. An abrading device for an engine crankshaft journal which accommodates the bearings of two connecting rods and which allows clearance between said bearings when the bearing liners of the latter are removed, comprising an abrading liner adapted to seat against the bores of both bearings and to bear upon the crankshaft journal throughout the length of the latter,



and means for clamping and supporting said abrading liner between said bearings.

2,127,529

CONVERTER HAVING HEAT EXCHANGE MEMBERS OR WELLS FOR RECORDING ELEMENTS

Thomas B. Prickett, Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del., a corporation of Delaware

Application December 31, 1935, Serial No. 56,964
8 Claims. (Cl. 23—288)



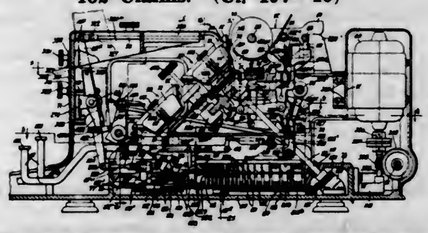
1. In a converter structure providing a reaction chamber containing a contact mass, the combination therewith of a substantially fluid-tight tube passing in substantially upright position throughout the length or height of the chamber and embedded in said mass and extending freely through both end walls thereof, said tube being anchored at one end thereof, outside of said chamber in such manner as to permit limited movement to accommodate expansions and contractions of the tube occasioned by changes in temperature, a sealing block receiving the other end of said tube, at least one stiffening member around said tube and unattached thereto between said sealing block and the nearer end wall of said chamber, said stiffening member being attached at one point to a portion of said converter structure and held in place thereby, and tubular means outside of said stiffening member joining said sealing block to the adjacent wall of the converter structure and adapted to support the said sealing block and prevent fluid leakage from the said chamber.

2,127,530

TYPEWRITING MACHINE

Richard v Reppert, Teaneck, N. J., assignor to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y., a corporation of Delaware

Application June 30, 1933, Serial No. 678,407
182 Claims. (Cl. 197—16)



37. In a typewriting machine, the combination of printing instrumentalities including a type carrier, an actuating lever therefor, a power driven continually reciprocating device whereby the actuating lever may be driven to its printing position and be driven back to normal, key levers, and means operable by any one of the key levers to effect a connection of the actuating lever with the reciprocating device.

2,127,531

AIRPLANE CATAPULT

Holden C. Richardson and William M. Fellers, Washington, D. C.

Application November 26, 1927, Serial No. 235,910
33 Claims. (Cl. 244—63)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

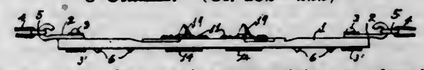
1. In an airplane launching catapult, having a track and a launching car thereon, the combination of a fluid storage tank, means for introducing a fluid within the tank under pressure, means for transforming the energy contained in the compressed fluid into movement of the car along the track, means for securing said car in initial position on said track, and means independent of said securing means for releasing said securing means by an independent application of said fluid.

2,127,532

ANTISKID DEVICE

Adolph F. Roth, Wilkes-Barre, Pa.

Application April 9, 1936, Serial No. 73,446
8 Claims. (Cl. 152—222)



1. An anti-skid device comprising a plurality of plies of fabric and rubber, rivets extending through said plies, washers attached to said rivets on the tire side of said device, recesses on the road side of said device, bosses in said recess through which said rivets pass, said bosses being of smaller size than said recesses and terminating short of the road surface of said device said rivets having pointed ends extending beyond the road surface of said device.

2,127,533
METHOD AND MEANS FOR FOUNDRY PRACTICE
Charles Marshall Saeger, Jr., Bowmanstown, Pa.
No Drawing. Application January 12, 1929, Serial No. 332,225
6 Claims. (Cl. 22—188)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In the method of producing cores and molds, the step of mixing with component material of such molds and cores rubber in divided particles adapted to be combusted by the heat of the casting.

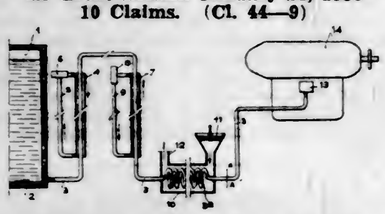
2,127,534
PROCESS AND PRODUCT FOR COATING MOLDS AND CORES
Charles Marshall Saeger, Jr., Bowmanstown, Pa.
No Drawing. Application January 12, 1929, Serial No. 332,226
6 Claims. (Cl. 22—188)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In the method of producing molds and cores for the casting of metal, the steps of forming the mold or core of the desired shape, and applying a coating of a rubber substance to the surface or surfaces of such molds and cores adapted to come in contact with the casting.

2,127,535
CORE BINDER
Charles Marshall Saeger, Jr., Bowmanstown, Pa.
No Drawing. Application February 17, 1930, Serial No. 429,227
6 Claims. (Cl. 22—188)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Molding or core sand containing balata as a binder.

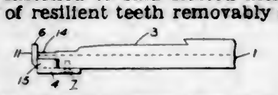
2,127,536
METHOD OF ENHANCING THE SAFETY OF LIQUID FUEL
Peter Schlumbohm, New York, N. Y., assignor of fourteen percent to George Von Seebeck, New York, N. Y.
Application October 12, 1935, Serial No. 44,801
In Great Britain January 24, 1935
10 Claims. (Cl. 44—9)



1. The method of enhancing the safety of liquid fuel during the storage and use thereof, by cooling the liquid fuel to low temperatures, and by dissolving in the fuel at this low temperature a gas which does not form explosive mixtures with the vapours of the fuel.

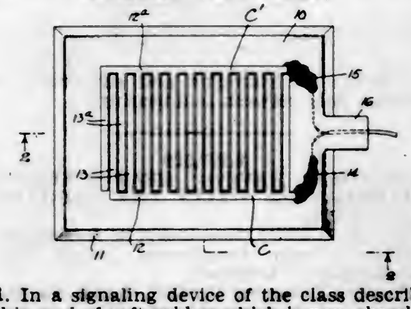
2,127,537
NEEDLE BED FOR KNITTING MACHINES
Carl Schuricht, Hollis, N. Y., assignor to Max R. Nydegger, Summit, N. J.
Application April 11, 1936, Serial No. 73,895
8 Claims. (Cl. 66—115)

2. A needle bed for a knitting machine comprising a slotted member, a grooved holding strip removably fastened to said slotted member and a plurality of resilient teeth removably mounted in



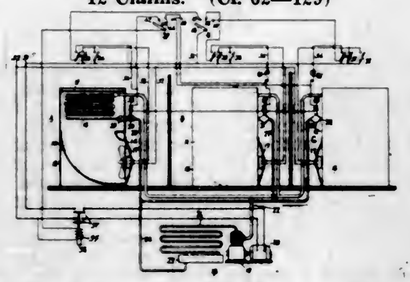
the grooves of said holding strip said teeth being held in said grooves by the friction resulting from the resiliency thereof.

2,127,538
SIGNALING DEVICE
Harry W. Seiger, Los Angeles, Calif.
Application September 26, 1936, Serial No. 102,726
4 Claims. (Cl. 128—138)



1. In a signaling device of the class described, a thin pad of soft rubber which is non-absorbent to aqueous solutions and which is adapted to be disposed beneath the diapered portion of an infant in its crib; and contact elements embedded in the pad to be exposed from and flush with a surface of the pad in sufficiently spaced relationship to be normally insulated electrically from each other by the pad, yet be electrically bridged by urine wetting the infant's diaper.

2,127,539
CONTROL MECHANISM
Lewis R. Smith and William A. Minkler, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 14, 1934, Serial No. 711,100
Renewed July 7, 1937
12 Claims. (Cl. 62—129)



1. In a control system for air conditioning apparatus, the combination of a plurality of air cooling devices, a refrigerating machine, common to said devices, for providing a supply of refrigerant therefor, a plurality of electrically operated valves for controlling the supply of refrigerant to said devices, and a selector switch for controlling the operation of the refrigerating machine and said valves and movable to a plurality of selective positions, in each of which the refrigerating machine and one of said valves are

rendered operable, and to an off position in which the refrigerating machine and all of said valves are rendered inoperable.

2,127,540
ADHESIVE
Franklin S. Smith, New Haven, Conn.
No Drawing. Application April 27, 1934, Serial No. 722,685
4 Claims. (Cl. 134—23.4)

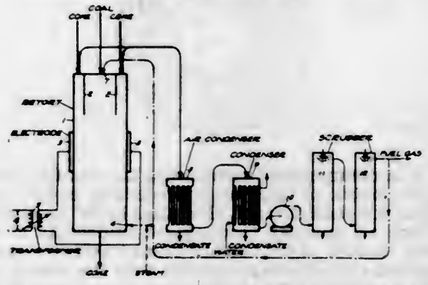
1. A thermoplastic adhesive of the type having an appreciable initial tack, a predetermined temperature of solidification, and an appreciable heat of fusion, in combination, acetamide and an armorphous colloid in an amount to impart adhesiveness and deformability.

2,127,541
PANTIES WITH SHAPE-RETAINING CUFFS
Howard B. Snader, Temple, Pa., assignor to Vanity Fair Silk Mills, Reading, Pa., a corporation of Pennsylvania
Application July 10, 1936, Serial No. 90,674
6 Claims. (Cl. 2—224)



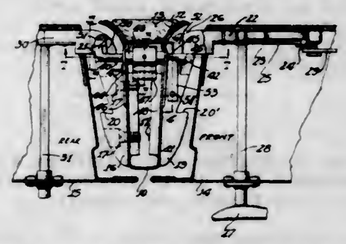
1. Women's pants of knit material formed with circumferential openings, the material bounding said openings finished with attached circumferential knit terminal hems having wales extending perpendicular to the circumference of the hems, each hem comprising a strip of knit material coated on one side with a thin film of rubber or the like set in undulating form following the surface of the wales and the depressions between the wales, said material being folded with said film on the unexposed surface.

2,127,542
ELECTRICAL CARBONIZATION OF COAL
Ralph B. Stitzer, Sheffield, Ala.
Application August 14, 1935, Serial No. 36,165
10 Claims. (Cl. 202—13)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



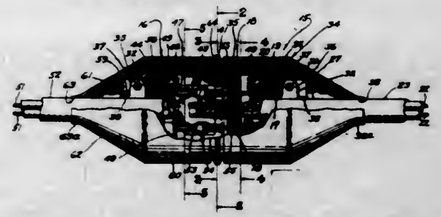
9. Steps in the process of carbonizing coking coal which comprises passing a current of inert gas downwardly thru a column of the coal portion of the charge, which is surrounded by a coke portion of the charge, the two portions being separated by a gas-impervious partition as the charge approaches the zone of carbonization between electrodes, to keep the uncarbonized coal substantially free from condensable carbonization products; and withdrawing the inert gas and the volatile carbonization products upwardly thru the coke portion of the charge.

2,127,543
LOCKING MECHANISM FOR MOTOR VEHICLES
Milton Tibbetts, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application January 15, 1936, Serial No. 59,205
10 Claims. (Cl. 292—153)



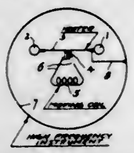
3. Door locking means comprising latch bolts for two doors and means extending from one latch bolt to the other and operated by one latch bolt for effecting locking of one door by the other door.

2,127,544
WATERPROOF RUBBER COVERING FOR CORD CONNECTERS
Charles Theodore Von Holtz, Bridgeport, Conn., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn., a corporation of Connecticut
Application March 22, 1935, Serial No. 12,389
8 Claims. (Cl. 173—328)



1. Means for making detachable electrical connections comprising two devices each of said devices including a body, a contact carried by each body and said contacts adapted to be brought into engagement on said devices being forced together, a rubber covering about each of said bodies having an opening for conductors connected with said contacts, and each of said coverings having a continuous forwardly and outwardly inclined lip with an annular groove between the outer portion of the lip and the body of the covering to permit the lip to yield toward the body, the outer surface of said lips being tapered, and said lips being positioned so that as the devices are forced together the lips are forced together and yield inwardly to cause the tapered surfaces to seat upon each other to form a seal.

2,127,545
RADIO FREQUENCY CURRENT MEASURING DEVICE
James D. Wallace, Washington, D. C.
Application October 4, 1937, Serial No. 167,156
11 Claims. (Cl. 171—95)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



9. A high frequency ammeter having terminals adapted to be connected between a high frequency source and a load circuit at high potential, and an electrostatic shield device for said ammeter in electrical connection with the terminal adapted to be connected directly to the high frequency source.

2,127,546
RELIEF MAP
Leon A. Whittier, Santa Barbara, Calif.
Application May 28, 1935, Serial No. 23,915
3 Claims. (Cl. 35—41)



1. The herein described method of constructing a relief map which consists in transferring the contour lines of an ordinary topographical map to the upper surface of a single sheet of insulating board or like relatively thick and stiff material, providing elevation indicating numbers on said sheet adjacent said transferred contour lines, dividing said sheet into separate contour pieces by cutting entirely through the sheet along said contour lines, relatively displacing said separate contour pieces vertically a distance less than the thickness thereof to position said contour pieces in stepped relation and at different elevations corresponding to the elevation indicating numbers thereon, securing said contour pieces together in such relatively displaced stepped relation to provide a contour shell, providing a tray-like supporting base having side walls whose upper edges are of stepped profiles corresponding to the profiles of the respective edges of such contour shell, securing said contour shell within the upper portion of said supporting base, and applying a plastic surface covering to said contour shell and the upper edges of the side walls of said supporting base to fill in the stepped portions of the same and accurately simulate the ground formations of the represented area.

2,127,547
ESTERS OF PSEUDOTROPINE AND PROCESSES FOR THEIR PRODUCTION
Otto Wolfes and Otto Hromatka, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application May 21, 1936, Serial No. 81,026. In Germany June 1, 1935
6 Claims. (Cl. 260—292)

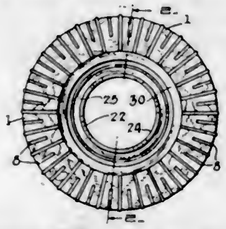
2. The process of producing the benzilic acid ester of pseudotropine which comprises reacting upon pseudotropine with benzilic acid in the presence of strong acids.

2,127,548
METHOD OF TREATING CONTAINERS
James F. Boyle, Teaneck, and Earl F. Glover, West New York, N. J.
Application August 13, 1935, Serial No. 35,999
4 Claims. (Cl. 73—51)



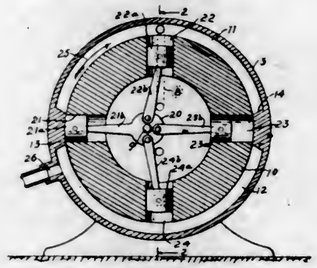
1. A method of treating metallic containers of fluids under pressure when sealed, to indicate leakage of the container contents, which consists in immersing the sealed container in a solution of adhering elastic material and then permitting said material to set and harden to form a permanent smooth homogeneous skin enveloping the container and the sealing element, said skin being adapted to react elastically in response to internal pressure to indicate leakage of the container contents.

2,127,549
COMMUTATOR
Roy F. Carty, Washington, D. C.
Application May 6, 1935, Serial No. 20,073
4 Claims. (Cl. 171—321)



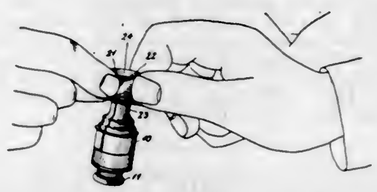
1. A commutator comprising an annular series of segments having tangs projecting center-wise from the ends thereof, the tangs being tapered to define an annular groove with undercuts in the sides thereof, a pair of hub rings having reversely tapered extensions projecting into the undercuts, and a resilient ring tending to urge the extensions into the undercuts for effecting a firm bond between the rings and the segments.

2,127,550
COMPRESSOR
John B. Cocanour, San Jose, Calif.
Application July 13, 1936, Serial No. 90,371
1 Claim. (Cl. 230—177)



A compressor comprising, in combination, an annular disc rotor defining in part a central chamber and having radial cylinders formed therethrough, pistons operative in the cylinders and actuating means therefor, a shaft having a terminal flange thereon concentrically seated in said rotor to form one side of said central chamber, a housing supporting the shaft and encompassing the rotor to complete the central chamber and having one portion of its peripheral wall spaced from the rotor to form an annular chamber therebetween and another portion forming a bearing support for the rotor, means associated with the housing to divide the annular chamber into a suction and a discharge chamber, a duct leading from the central chamber through the housing wall opposing the terminal flange to the suction chamber, a discharge port leading through the housing to the discharge chamber, and an inlet port leading directly through the side wall of the housing opposite the terminal flange to the central chamber.

2,127,551
CIGAR LIGHTER
Bert G. Cochrane, Chicago, Ill., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application January 11, 1937, Serial No. 119,912
6 Claims. (Cl. 219—32)

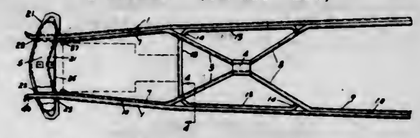


3. In a cigar lighter, a removable and transportable igniting member comprising a substantially elongate body; a heating element carried by the body at one end thereof; and a pair of manually engageable wings at the other end of the body extending in opposite directions substantially transversely of the axis thereof and for a substantial distance therefrom, each of said wings having surfaces of substantial gripping area for easy engagement by a pair of fingers so that the igniting member can be transferred from one hand to another without touching the igniting member body or heating element.

2,127,552
SURGICAL DRESSING
Walter Dahmen, Pelham, N. Y.
No Drawing. Application October 28, 1935, Serial No. 47,122
2 Claims. (Cl. 128—90)

1. A relatively high X-ray transparent surgical dressing comprising the combination of a fabric and a plastic composition, said composition including a filler, said filler having the major part thereof composed of a material having a high transparency factor to X-rays, a binder for said filler, a solvent for said binder, said filler being substantially insolvent in said solvent, an adhesive for cohesion when two layers of said dressing are contiguous, and means comprising a vegetable oil for promoting uniform drying throughout the thickness of said dressing when it is applied.

2,127,553
AUTOMOBILE FRAME
Neff T. Dietrich, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio
Original application July 14, 1934, Serial No. 735,254. Divided and this application November 14, 1935, Serial No. 49,815
4 Claims. (Cl. 280—106)



1. In a vehicle frame, a transverse inverted channel shaped member having a pair of vertical spaced walls terminating in lateral horizontal flanges, a longitudinal member extending through both walls, and a base plate secured to said flanges to form the transverse member into closed box section, said plate having a portion offset into the transverse member and secured to the longitudinal member.

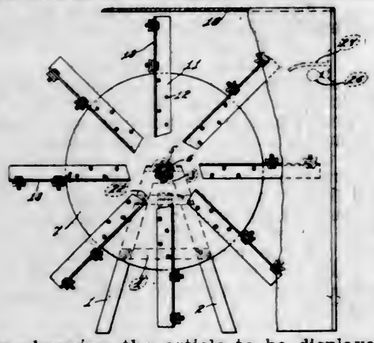
2,127,554
PRODUCTION OF TEXTILE THREADS AND FABRICS
Henry Dreyfus, London, England
No Drawing. Application May 22, 1936, Serial No. 81,266. In Great Britain May 31, 1935
10 Claims. (Cl. 117—2)

1. Process for the production of a highly twisted crêpe thread, which comprises crêpe twisting a thread containing regenerated cellulose filaments and during the insertion of at least the last part of the crêpe twist passing the thread through a substantially closed chamber maintained full of steam so that twist is inserted while the thread is under the influence of the steam.

2,127,555
BEDSPRING DISPLAY RACK
Henry J. Du Devoire, Indianapolis, Ind.
Application August 5, 1936, Serial No. 94,361
2 Claims. (Cl. 211—28)

1. A display rack comprising a pair of standards, a shaft rotatably supported at either end by said standards, a pair of spaced apart discs mounted on said shaft and rotatable therewith, and a plurality of radial arms mounted on the inner faces of said discs each comprising an angle member having the vertical leg thereof secured to the face of the disc and the horizontal leg thereof

facing toward the opposite disc to provide a rest for the article to be displayed, and means for

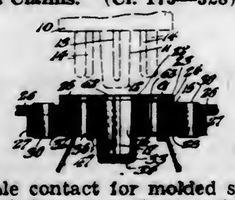


rigidly clamping the article to be displayed on said rests and between said discs.

2,127,556
SOCKET

Hugh H. Eby, Philadelphia, Pa., assignor to Hugh H. Eby, Inc., Philadelphia, Pa., a corporation of Pennsylvania

Application June 7, 1935, Serial No. 25,369
3 Claims. (Cl. 173—328)



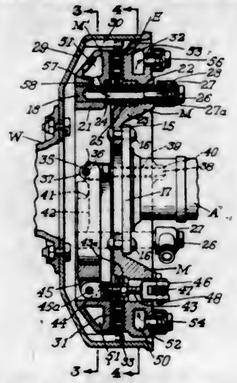
1. A female contact for molded socket receptacles formed from a unitary metallic strip of generally L shape comprised of a foot and a leg with two integral tabs extending from the lower edge of the foot in spaced relation to each other and to the side edges of the foot and leg respectively, the foot and leg each having a rib formed in alignment with a respective tab, the foot portion bent upon itself on a line substantially midway between the tabs to bring the rib portions into confronting juxtaposition to form a substantially cylindrical member having a wing formed of confronting planar portions of the foot joined by a hinge extending the height of the foot and a second wing diametrical of the first comprised of the planar portion of the outer edge of the leg and the outer planar edge portion of the foot, the tabs extending beyond the ends of the wings forming bendable lips to secure the contact in a desired mounting support against axial movement in one direction and to guide a prong entering the contact, said lips being of a width not greater than a rib.

2,127,557
BRAKE

Burdick R. Ells, Los Angeles, Calif., assignor to Harry F. Langlois and Herbert N. Langlois, individually and as copartners doing business as Langlois Bros.

Application October 7, 1936, Serial No. 104,467
7 Claims. (Cl. 188—264)

1. A brake, comprising; a rotatable drum; a non-rotatable support; and a pair of braking members so mounted on said support as to be operable to restrain rotation of the drum, said members having chambers therein with inlets and outlets adapted to permit circulation of a cooling fluid through the chambers and the inlets and outlets for one member extending through



and movable in the other member; and means for operating said members.

2,127,558
WIRE SPRING FOR CUSHIONED SEATS OF VEHICLES

Morris Freund, Cleveland, Ohio, assignor, by direct and mesne assignments, of one-half to Jacob Kronheim, Shaker Heights, Ohio, and one-half to John C. Lincoln, Scottsdale, Ariz.

Application November 9, 1935, Serial No. 49,089
1 Claim. (Cl. 155—179)



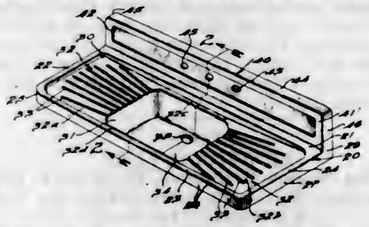
An elongated spring for cushioned seats and the like comprising an elongated, yielding load supporting portion, integral, substantially parallel, yielding supporting means for said portion extending from the opposite ends thereof rearwardly and downwardly at an inclination with respect to said portion, integral means between one of said supporting means and said supporting portion for pivotally attaching an edge wire member thereto, and an offset, substantially horizontal seating portion for said edge wire between said supporting portion and the other one of said supporting means to permit of free bending of said supporting portion with respect to the edge wire carried thereby.

2,127,559
SINK

Vincent J. Graf, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application July 27, 1936, Serial No. 92,803
9 Claims. (Cl. 4—187)

1. A pressed metal sink comprising a flat metal sheet having a relatively shallow primary basin pressed therein and a relatively deep sub-basin pressed in the bottom of the primary basin, the bottom of said primary basin forming a ledge surrounding all four sides of the sub-basin, the marginal edges of the primary basin comprising a substantially horizontal rim formed seamlessly as a part of a depending apron extending continuously around three sides of the basin and a substantially horizontal back ledge extending rearwardly from the back walls of the basins and



terminating seamlessly in an upright splash back, said ledge forming a shelf extending the full length of the sink.

2,127,560
RUBBER COMPOUNDING

George S. Haslam, Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey

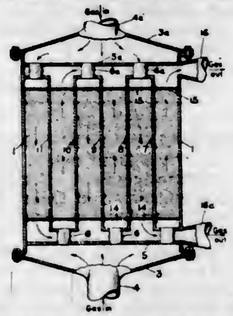
No Drawing. Original application April 6, 1935, Serial No. 15,096. Divided and this application October 31, 1936, Serial No. 108,617
8 Claims. (Cl. 106—23)

1. The improvement in rubber compounding which comprises milling a pigment with a proteinaceous substance to produce dry substantially unagglomerated pigment particles coated with the proteinaceous substance and thereafter adding said particles to a rubber compound.

2,127,561
HEAT EXCHANGE CATALYTIC CONVERTER

Carl Victor Herrmann, Cleveland, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application April 29, 1936, Serial No. 77,001
2 Claims. (Cl. 23—288)

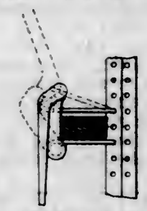


2. In an apparatus for conducting catalytic exothermic gas-phase reactions, a heat exchange converter comprising a converter casing; means within said casing adapted to hold catalytic material and arranged to divide said casing into two separate gas chambers; said means including a plurality of parallel tubular catalytic reaction passages, each of which is constructed substantially in the form of a hollow prism, and has a wall of heat conducting material in common with at least one other passage whereby any one passage is contiguous with and forms a part of at least one other passage; catalytic material filling a substantial portion of each of said passages and presenting in transverse section an area composed of individual areas of catalytic material bounded by the sides of said passages whereby adjacent areas of catalytic material are separated by an area of heat conducting material and are in heat exchange relation therethru; said passage being so arranged that the similarly disposed ends of said passages communicate with one of said gas chambers and oppositely disposed ends of said passages communicate with the other of said gas chambers whereby gas flowing from one chamber to the other passes thru catalytic material in said passages; inlet and outlet means communicating with both of said gas chambers to respectively supply unconverted gas thereto and to withdraw converted gas therefrom; and gas distribution means for dividing each of said gas chambers into inlet and outlet chambers communicating respectively with said inlet and outlet means and so arranged that similarly disposed ends of contiguous passages communicate respectively with the inlet and outlet chambers of one of said gas chambers and oppositely disposed ends of any one passage communicate respectively with the inlet chamber of one of said gas chambers and the outlet chamber of the other of said gas chambers.

2,127,562
CLAMP FOR CONCRETE FORM STRUCTURES

William Allen Jennings, Des Moines, Iowa, assignor to Economy Forms Corporation, Des Moines, Iowa, a corporation of Iowa

Application June 15, 1936, Serial No. 85,268
1 Claim. (Cl. 24—19)



A clamp for concrete form structures, comprising a body having a relatively flat surface to rest against a structural beam, a pivot pin at one end of the body and a fulcrum pin at the other end of the body extended in diametrically opposite directions, a rod pivoted at one end to the pivot pin and having a hook at its opposite end, a lever fulcrumed at one end to the fulcrum, a pivot pin fixed to the lever between its ends, and a rod pivoted at one end to the pivot pin on the lever and having a hook at its opposite end, said parts being so shaped and proportioned that said body may be placed on one edge of a structural beam and the said rods extended across opposite sides of said beam with the hooks engaging a member to be supported by the beam and arranged at the opposite edge of the beam, for the purposes stated.

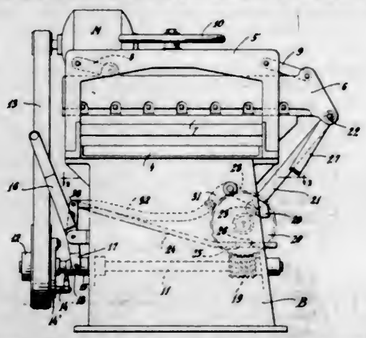
2,127,563
PAPER CUTTING MACHINE

George W. Johnston, Astoria, N. Y.

Application October 20, 1936, Serial No. 106,497
9 Claims. (Cl. 164—41)

9. In paper cutting means, a frame including a support for the material to be cut, a cutter carrier mounted in the frame to have movement toward and away from the material support, means to actuate said cutter carrier including a rotatable wheel having a stud fixed eccentrically in and extending laterally from the wheel and a link pivoted on said stud at one end and connected at the opposite end with the cutter carrier to impart movement to the cutter carrier

toward and away from the material support upon a revolution of the wheel, driving means, means including a clutch to connect the wheel with and disconnect it from the driving means, a clutch shifter, an arm connected to and extending from the clutch shifter to intersect and lie contiguous to a face of the wheel and having an abutment on the face opposed to the wheel, a pin fixed eccentrically in and extending from the wheel adapted to engage the arm abutment upon a revolution of the wheel and thereby move the arm and shifter to actuate the clutch to dis-



connect the wheel from the driving means, a lever having one arm arranged as a latch to engage the wheel stud to hold said wheel and the cutter carrier against movement, and a link-connecting the other arm of said lever to the clutch shifter, and said shifter when operated to actuate the clutch to disconnect the wheel from the driving means adapted to position the lever latch to be engaged by the wheel stud and when operated to actuate the clutch to connect the wheel with the driving means actuate the lever to release the lever latch from the wheel stud.

2,127,564

ZINC AMMONIUM CHLORIDE FLUXES

Raymond J. Kepfer, Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 5, 1936, Serial No. 67,306

1 Claim. (Cl. 148—26)

In a process for the treatment of a zinc ammonium chloride galvanizing flux which contains sulfates and hence is unsatisfactory by reason of the poor foam produced when it is used with foaming agents, the flux containing no more than about 0.5% SO_3, the steps comprising treating the flux with a soluble barium compound to convert the sulfate to barium sulfate so that when used with foaming agents the flux will produce foams of satisfactory thickness and character.

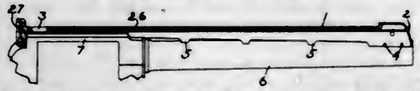
2,127,565

RIB PISTOL AND REVOLVER SIGHT

Dean W. King, San Mateo, and Rex E. Geisert, Alameda, Calif.; said Geisert assignor to said King

Application November 11, 1936, Serial No. 110,235

9 Claims. (Cl. 33—56)



1. The combination with a pistol of a sight comprising a rib of resilient material fixed to the barrel of said pistol adjacent the muzzle thereof, the rear end of said rib tending to spring away from said barrel, a front sight mounted on the muzzle end of said rib, a rear sight mounted on the rear end of said rib, and a graduated screw passing through the rear end of the rib and into said pistol for adjusting the degree of resilient separation between said rib and the rear end of said barrel.

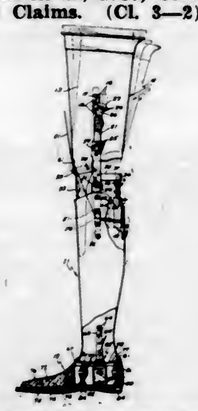
2,127,566

ARTIFICIAL LIMB

Nicholas Malloy-Brehunoff, Bridgeport, Conn.

Application March 22, 1935, Serial No. 12,346

8 Claims. (Cl. 3—2)



3. In an artificial leg construction, a thigh section, a calf section, a pair of plate parts secured to the sides of said thigh section, a knee joint connecting said sections and comprising a pair of upper parts extending at the sides of the thigh section, each of the parts of one of said pair having a series of vertically spaced openings therethrough, each of the parts of the other pair having a series of laterally spaced openings, and means passing through selected ones of said openings in the parts at each side of the thigh section and securing the parts at the respective sides of the thigh section together with the thigh section in the desired position of vertical and angular adjustments relative to the calf section.

2,127,567

SULPHATED ALIPHATIC COMPOUNDS

Fred W. Muncie, New Brunswick, N. J., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware

No Drawing. Application April 29, 1936, Serial No. 77,044

15 Claims. (Cl. 260—400)

1. A process of the character described that comprises reacting a fatty material of the class consisting of fatty oils and fatty acids with a derivative of isobutylene of the class consisting of beta-methyl glycerine and beta-methyl glycidol and thereafter treating the product with fuming sulphuric acid.

2,127,568

ENVELOPE MACHINE

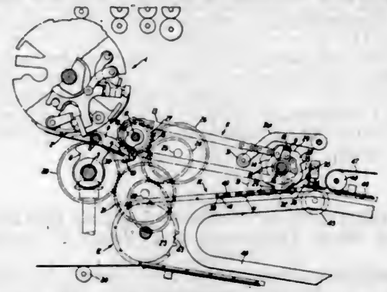
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York

Original application November 13, 1933, Serial No. 697,768. Divided and this application January 9, 1936, Serial No. 58,335

11 Claims. (Cl. 271—76)

1. In an envelope machine, the combination with a fast feeder and a relatively slow feeder, of

an interposed collating device for taking spaced-out blanks from the fast feeder and depositing them on the slow feeder in fanned-out relation, said collating device comprising a plurality of sets of grippers, a conveyor carrying the grippers



through orbital paths, means for opening the grippers at receiving and delivering stations, and means for driving the conveyor at variable speed to cause the grippers to travel slowly at the receiving and delivering stations and at high speed between said stations.

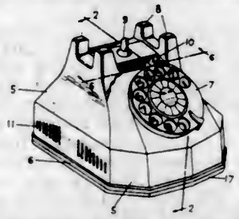
2,127,569

DESK TELEPHONE

Herbert F. Obergfell, River Forest, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Original application December 21, 1934, Serial No. 758,577. Patent No. 2,074,415, dated March 23, 1937. Divided and this application November 1, 1935, Serial No. 47,864

2 Claims. (Cl. 179—100)



1. In a telephone desk set, a switching member mounted thereon, a bracket mounted on the inside of said desk set, a lever pivoted to said bracket and operated by said switching member, switching springs supported on said bracket and operated by said lever into one position for a certain movement of said switching member and into another position for a different movement of said switching member, a stop on said bracket for limiting the movement of said lever by the downward movement of said plunger, a ringing button on said telephone set, and a set of contact springs supported on said bracket and directly operable by said ringing button.

2,127,570

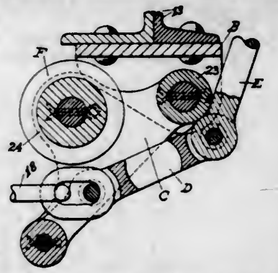
QUICK TAKE-UP MECHANISM

Roland J. Olander, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware

Application August 28, 1935, Serial No. 38,160

13 Claims. (Cl. 74—517)

1. In a quick take-up mechanism for hand brakes for cars, the combination with a pivotally supported swinging arm; of an operating link pivoted to the outer end portion of said arm, said link being connected to the pulling element of the hand operated mechanism of the brakes; means connecting said link to the brake mechanism proper of the car; and abutment



means on said arm on which said link is adapted to bear to hold said link against rocking movement with respect to said arm during part of the operation of said take-up mechanism.

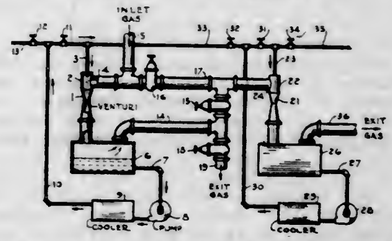
2,127,571

ABSORPTION OF HYDROCHLORIC ACID IN LIQUIDS

Fred W. Pardee, Jr., Wilmington, Del., assignor, by meane assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

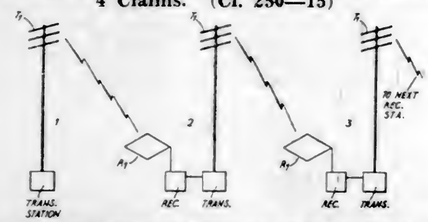
Application August 21, 1935, Serial No. 37,157

1 Claim. (Cl. 23—154)



In a process for the absorption of hydrochloric acid gas, the steps comprising admitting the hydrochloric acid gas to the suction side of a venturi, directing a jet of an aqueous absorbent into said venturi whereby the hydrochloric acid gas is drawn into and dispersed throughout the aqueous absorbent passing trough the venturi, then separating the unabsorbed gases from said absorbent, admitting the unabsorbed gases to the suction side of a second venturi, directing a second jet of an aqueous absorbent having greater affinity for hydrochloric acid gas than the first-named absorbent into said second venturi whereby the unabsorbed gases are drawn into and dispersed throughout the second aqueous absorbent passing through the second venturi, thereby compensating at least in part for the relative impoverishment of the unabsorbed gases by the greater affinity of the second absorbent for hydrochloric acid gas, then separating the unabsorbed gases from the second aqueous absorbent and introducing the separated second aqueous absorbent into the first named venturi as the jet of the first named aqueous absorbent therefor, whereby aqueous absorbent is passed through the second venturi co-current with the flow of gases therethrough, is led to the first named venturi countercurrent and separate from the flow of gases therefrom, and is passed through the first named venturi co-current with the flow of gases therethrough.

2,127,572
ULTRA-HIGH-FREQUENCY COMMUNICATION SYSTEM
Harold Olaf Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application July 13, 1935, Serial No. 31,183
4 Claims. (Cl. 250—15)

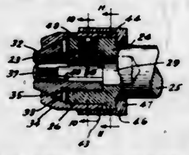


1. A short wave radio relaying system for the relaying of ultra-high frequency, quasi-optical waves, comprising a transmitting station and a remote relaying station in the direct line of sight of said transmitting station, said stations each having a transmitting antenna in the horizontal plane highly elevated with respect to ground and directed toward the next adjacent receiving station in the direction of transmission, said relaying station having a highly directive receiving antenna in the horizontal plane arranged to receive the signals from said transmitting station, said receiving antenna being located relatively close to the ground.

2,127,573
PHOTOGRAPHIC EMULSIONS
Samuel E. Sheppard and Robert C. Houck, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application April 16, 1936, Serial No. 74,817
11 Claims. (Cl. 95—7)

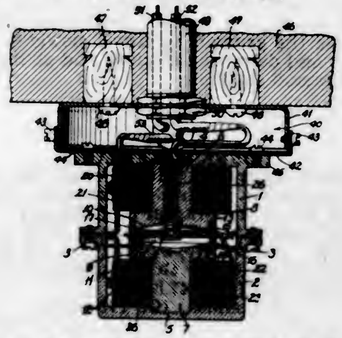
1. The method of making a sensitive photographic emulsion which comprises precipitating a silver halide in an aqueous solution of a substantially water-soluble cellulose compound selected from the group consisting of cellulose hydroxy-monocarboxylic acid esters and alkali metal salts of cellulose polycarboxylic acid esters.

2,127,574
METHOD OF MAKING SCREW THREADING DIES
Max A. Slotta, Chicago, Ill.
Original application June 6, 1936, Serial No. 83,849. Patent No. 2,100,724, dated November 30, 1937. Divided and this application August 3, 1936, Serial No. 93,928
2 Claims. (Cl. 76—101)



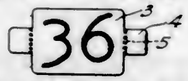
1. The method of making a screw-threaded die comprising arranging four similar elongated rectangular blocks in square formation with adjacent longitudinal sides thereof in contacting relation, turning corresponding ends of said blocks while so arranged to form a cylindrical shank, correspondingly beveling the outer corners of the blocks at the opposite ends of the latter and while so arranged for tapering the adjacent end of the die, machining the adjacent edges of the blocks at the beveled ends of the latter and while said blocks are so arranged to provide thread cutting prongs with clearance slots therebetween, drilling and tap-hobbing corresponding ends of the blocks while the latter are arranged in contacting relation to complete the thread cutting prongs, and forming an annular groove in the outer surfaces of the blocks while arranged in contacting relation to form a resilient connection between the shank and the prongs allowing radial yielding of the latter.

2,127,575
INDUCTION THERMOSTATIC DEVICE
John West Thompson and Virgil E. Metcalfe, Puebla, Mexico
Application January 4, 1936, Serial No. 57,480
In Mexico January 17, 1935
7 Claims. (Cl. 200—88)



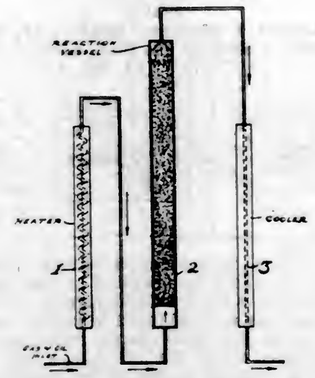
1. In apparatus of the class described, a snap-acting thermostatic disc, and means disposed on both sides of said disc creating an alternating magnetic flux through said disc, said magnetic flux inducing Foucault currents in said disc, said Foucault currents tending to heat said disc, so that, when a certain magnetic flux density is reached, the heating effect is sufficient to cause said disc to snap to its alternate position, said thermostatic disc carrying a device at the center thereof, said device being more susceptible to magnetic influence on one side than on the other, whereby upon abnormally great increase in magnetic flux density, the magnetic flux on said last-named device aids the heating effect in causing the disc to snap to its alternate position.

2,127,576
MARKING PLATE
John R. Willard, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application April 24, 1936, Serial No. 76,229
2 Claims. (Cl. 40—125)



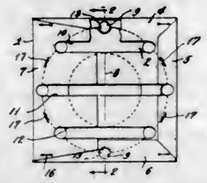
1. In a marking plate of the described type, a replaceable portion of an aluminum alloy containing 1.25 per cent manganese, balance aluminum, and possessing the characteristics of an alloy of this composition which has been sufficiently cold worked subsequent to final annealing that it is susceptible to failure upon reverse bending, said portion being provided with a plurality of lugs adapted for insertion in apertures provided in the permanent portion of the plate, and adapted to be bent into clamping relationship therewith.

2,127,577
PRODUCTION OF VALUABLE HYDROCARBONS
Karl Winkler, Leuna, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application October 23, 1935, Serial No. 46,345
In Germany October 26, 1934
4 Claims. (Cl. 196—52)



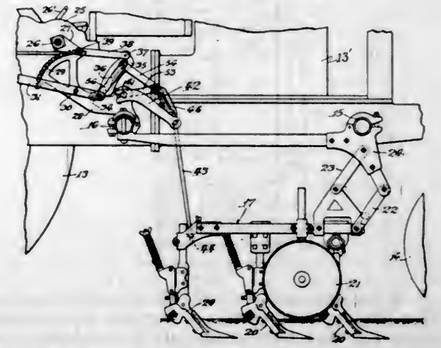
1. In a process for the production of valuable hydrocarbon products by decomposition of distillable carbonaceous materials into lower molecular weight hydrocarbons by heating in the presence of catalysts the improvement which comprises carrying out the said heating in contact with an added conversion product of graphite selected from the group consisting of graphitic acid and graphitic sulfide.

2,127,578
GASKET HOLDER
George Russell Wyman, East Walpole, Mass.
Application May 2, 1936, Serial No. 77,507
7 Claims. (Cl. 206—46)



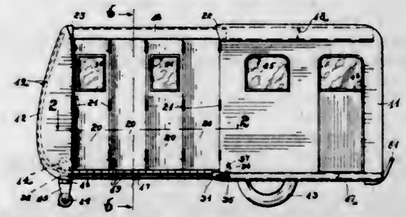
1. A holder for positioning a gasket between the opposed ends of a pipe coupling, characterized by portions extending beyond opposite sides of the periphery of the coupling when the gasket is placed between said ends, a portion of the gasket being exposed for engagement with the coupling to maintain it coaxial with the coupling when the holder is removed, and said portions being detachably interconnected so as to be separable from the gasket in response to pulling forces on said portions to remove the holder while leaving the gasket in the space between said ends.

2,127,579
TRACTOR IMPLEMENT
Herman E. Altgelt, South Bend, Ind., assignor to Oliver Farm Equipment Company, a corporation of Delaware
Application November 17, 1933, Serial No. 698,400
Renewed March 29, 1937
29 Claims. (Cl. 97—50)



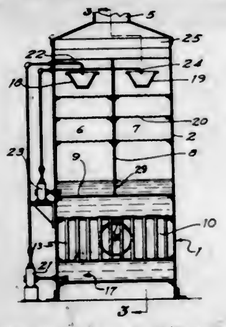
1. The combination with a tractor having front steering and rear traction means, an implement supporting beam arranged transversely with respect to and carried by said tractor, a cultivating gang frame carried by said beam comprising a substantially U-shaped forward portion and converging rear portion, parallel link mechanism including pairs of parallel links pivotally connecting the forward end of said gang frame to said transverse implement supporting beam, and means for rigidly securing an intermediate portion of said lower parallel links together.

2,127,580
EXTENSIBLE CAMPING TRAILER
Johannes Bartholowsky, Los Angeles, Calif.
Application February 8, 1937, Serial No. 124,656
1 Claim. (Cl. 296—26)



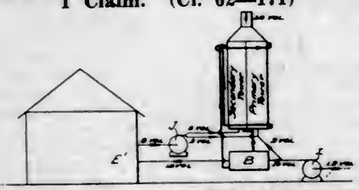
In a trailer, a body consisting of front, rear, and intermediate sections, the front section constituting a structure of a rigidly built-up form suitable for living purposes and having a pocket in its roof and having furthermore a flexible floor in alignment with and continuing from the regular floor of the front section, the rear section constituting the back wall of a form to align with the outer contours of the front section in closed up condition of the rear and intermediate sections against the rear end of the normally dimensioned and rigid front section and having a roof portion telescopically mounted in the pocket of the front section and having furthermore a pocket in the back wall to receive the flexible floor of the front section, the intermediate section being constituted by the roof-portion of the rear section and the flexible floor of the front section besides vertically hinged panels connected to the vertical sides of the first-named sections.

2,127,581
AIR CONDITIONING APPARATUS
Milton Baruch, Los Angeles, and Ralph E. Phillips, Viewpark, Calif.
Application August 8, 1936, Serial No. 95,004
3 Claims. (Cl. 62—139)



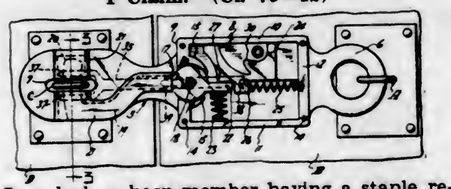
1. A cooling unit for an air-conditioning system, which comprises: a vertically extending casing member having an upper and lower portion; a medial partition extending vertically upwardly through the major portion of said upper casing portion and defining primary and secondary evaporating towers, said casing being provided with air inlet means adjacent the lower end of said upper portion and communicating with said primary and secondary evaporating towers; liquid distributing means in the upper end of each of said evaporating towers; means defining an air passage extending through the lower portion of said casing; liquid-cooled heat-exchange means in said passage; means for withdrawing liquid from said heat-exchange means and introducing the same at said liquid distributing means in said primary tower; circulating means for withdrawing liquid from said primary tower and introducing the same at said liquid distributing means in said secondary tower; means for withdrawing liquid from said secondary tower and supplying the same to said heat-exchange means; and means for passing air upwardly through said primary and secondary towers to evaporate and cool the liquid supplied by said liquid distributing means.

2,127,582
AIR CONDITIONING METHOD
Milton Baruch, Los Angeles, and Ralph E. Phillips, Viewpark, Calif.
Original application August 8, 1936, Serial No. 95,004. Divided and this application January 4, 1938, Serial No. 183,316
1 Claim. (Cl. 62—171)



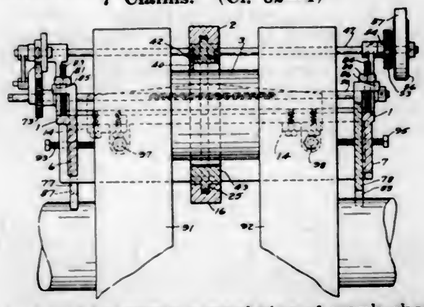
The method of air-conditioning an enclosed space, which comprises: passing a stream of fresh air in heat-interchanging, non-contacting relation with a body of cooled water so as to cool such fresh air without increasing its absolute humidity; introducing the so cooled fresh air into said enclosed space; withdrawing from said space a substantial portion of the cooled air supplied thereto; dividing said withdrawn portion into two parts; adding to one of said parts a quantity of atmospheric air; withdrawing water from said body after passage of said stream of fresh air in heat-interchanging relation and contacting said withdrawn water with said one part of withdrawn air containing said added air under such conditions as to cool said water by evaporation; bringing the water so cooled into contact with the other part of withdrawn air to further cool said water by evaporation and passing the further cooled water into said body of water for the cooling of a further quantity of fresh air.

2,127,583
LOCK
Robert T. Burgess, Helden, W. Va.
Application February 17, 1938, Serial No. 191,051
1 Claim. (Cl. 70—12)



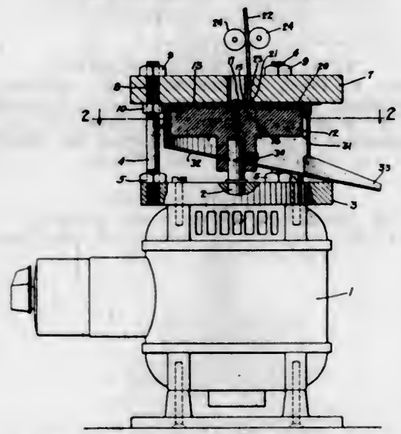
In a lock, a hasp member having a staple receiving slot, a lock bar pivoted at one end on the hasp member, a hook extended from the free end of the lock bar and adapted in locked position to swing across the said staple receiving slot, an arm extended from the lock bar, a key actuated lock block adapted normally to engage the said arm and retain the lock bar in locked position, a latch bar slidably mounted on the hasp member and connected to the lock block, and the other end of the latch bar being adapted to engage and secure the hook in the locked position of the bar.

2,127,584
CRANK PIN LATHE
Anton Christensen, West Brighton, Staten Island, N. Y.
Application June 21, 1937, Serial No. 149,291
7 Claims. (Cl. 82—4)



1. A tool for turning crankpins of crank-shafts, comprising a frame adapted to be placed over an offset portion of a crank-shaft, surrounding said offset portion and resting upon bearing sections of the crank-shaft, means rigidly clamping said frame to the offset portion of the crank-shaft, a cutting tool, a traveling ring positioned about a crankpin in the said offset portion of the crank-shaft adapted to travel around said crankpin, and means feeding said tool along said crankpin with an intermittent motion, said traveling ring holding said tool, said device characterized in that the frame is positioned over the said offset portion of the crank-shaft, and located substantially on the center line of the crankpin, and further characterized in that the said traveling ring is mounted in a carriage with extending ends, and the ends are provided with V shaped grooves freely slidable on T shaped ridges of the said frame.

2,127,585
BALL MAKING MACHINE
Ralph L. Dowdell, St. Paul, Minn.
Application June 7, 1937, Serial No. 146,826
21 Claims. (Cl. 29—33)



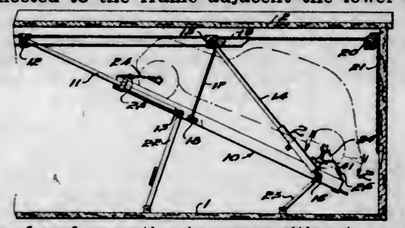
1. In a device of the class described, a shaft having thereon a first disc, a second disc opposed to the first, said discs having means for giving and being cooperable to give a substantial spherical form to non-spherical slugs placed therebetween, means for cutting slugs from stock material, part of said means being operated by said shaft, a hopper into which the cut slugs are delivered, a second pair of discs constructed and operable in the manner of the first-mentioned disc, the second disc of the second pair forming the bottom of said hopper and having an opening through which balls are delivered between the second pair of discs.

2,127,586
PILE FABRIC AND METHOD OF MAKING THE SAME
Camille Dreyfus, New York, N. Y., and William Whitehead, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application December 5, 1933, Serial No. 701,048
14 Claims. (Cl. 28—1)

1. In a process for the production of a pile fabric, the pile of which comprises organic derivative of cellulose yarns, of improved properties, the step which comprises coating with a wax-like substance which is a higher fatty acid ester of a polyhydric alcohol at least part of the organic derivative of cellulose yarns in the pile thereof.

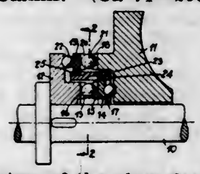
2,127,587
CAR LOADING DEVICE
Leo A. Eckermann, Detroit, Mich., assignor, by mesne assignments, to The Worth Company, a corporation of Michigan
Application November 15, 1935, Serial No. 49,873
15 Claims. (Cl. 105—368)

1. In combination with a freight conveyance having a freight compartment therein, an automobile loading frame in said compartment, means connecting said frame to said freight conveyance for movement into an inclined semi-decking position with an automobile supported thereon and into an inoperative position in proximity with and substantially parallel to the ceiling of said compartment, means adjacent the upper end of the frame for supporting one end of an automobile positioned on the frame, means pivotally connected to the frame adjacent the lower end



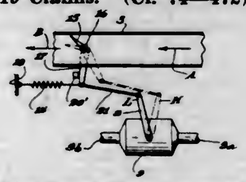
thereof and operative in one position to engage a non-rotatable portion of the opposite end of the automobile and support that end of the automobile independently of its wheels or other rotatable parts, said pivotal means being swingable into an inoperative position adjacent the plane of the frame to permit said frame to move into proximity to the ceiling, and means for preventing displacement of said automobile from said frame.

2,127,588
GEAR
Richard Erban, Vienna, Austria, assignor to Erban Patents Corporation, a corporation of New York
Application July 11, 1933, Serial No. 679,843
In Austria March 1, 1933
22 Claims. (Cl. 74—208)



1. In mechanism of the class described, a pair of relatively rotatable elements, a plurality of devices operatively connected to said elements to transmit torque therebetween and to impose axial pressures thereon, each device comprising a pair of relatively rotatable members having wedging means therebetween whereby in transmitting the torque they are wedged apart to impose axial thrust on the elements, the members of the respective devices being arranged serially as regards transmission of the torque with one member of each device splined to one member of another device.

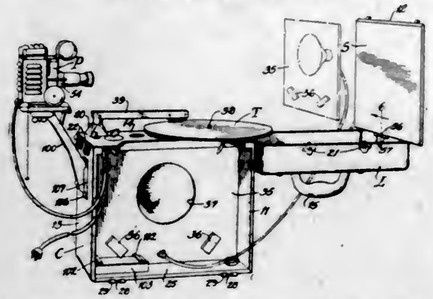
2,127,589
CONTROL MECHANISM FOR VARIABLE SPEED TRANSMISSION
Richard Erban, New York, N. Y.
Application February 20, 1936, Serial No. 64,895
19 Claims. (Cl. 74—472)



1. In combination with an internal combustion

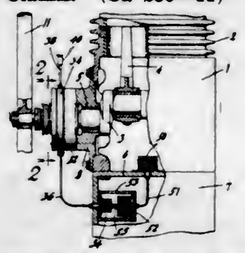
engine, a variable speed transmission to drive a load therefrom and means responsive to the magnitude of the gas flow through the intake manifold of said engine for automatically controlling the ratio of said transmission.

2,127,590
SOUND AND PROJECTION APPARATUS
Joseph Erwood, Chicago, Ill., assignor, by mesne assignments, to Electro-Acoustic Products Co., Fort Wayne, Ind., a corporation of Illinois
Application December 21, 1936, Serial No. 116,977
4 Claims. (Cl. 88—28)



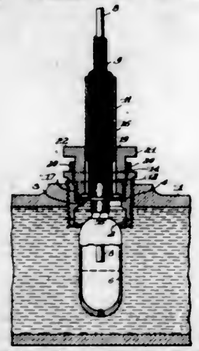
1. A projector apparatus comprising an elongated portable cabinet, a lid on said cabinet, hinge means on the lid and connected to one end of the cabinet and adapted to carry the lid through 180° to an open position where its free end lies twice the cabinet length from its closed position, means for supporting the lid in such open position, a projector, means for mounting the projector in one position within the cabinet and in another position exteriorly thereof at a point adjacent the cabinet end opposite that whereon the lid is hinged, a screen and means for mounting the screen in one position within the cabinet and in another position upon the lid adjacent its free end whereby to lie remote from the projector a distance substantially twice the long dimension of the cabinet.

2,127,591
SHAFT SEAL
Gordon M. Evans, Dearborn, Mich.
Application May 27, 1936, Serial No. 81,987
7 Claims. (Cl. 286—11)



1. In combination with a housing member, a rotary shaft member extending through the housing member, a pair of opposed sealing devices positioned to form a chamber therebetween, each having a non-rotatable fluid tight connection with one member, and a frictional surface to surface sealing engagement with the other member, and with the other member rotatable relative thereto, one of said sealing engagements being substantially exposed to the pressure within the housing and on the side thereof outside the chamber, the other of said sealing engagements serving to close said chamber, an expansible and contractible element having a fluid tight connection with the chamber, and said chamber and element being substantially filled with liquid and forming a closed system, another closed system comprising two expansible and contractible liquid containing elements, one of which is within the housing and the other of which is operatively associated with the expansible element of the first mentioned system, whereby to transmit pressure within the housing to the chamber.

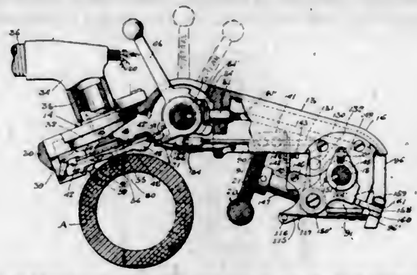
2,127,592
TEMPERATURE INDICATOR
George E. Ford, Rochester, N. Y., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y., a corporation of New York
Application April 14, 1937, Serial No. 136,857
3 Claims. (Cl. 297—3)



1. The combination with the bulb of a temperature indicator including an enlarged body portion and a reduced neck portion, of a conducting tube extending through said neck portion, a sleeve surrounding said neck portion and tube and secured thereto by a body of solder, the inner end of the sleeve being spaced from the enlarged body portion of the bulb, an annular supporting plate carried by the sleeve intermediate its ends and spaced substantially from the enlarged body portion of the bulb, a metal protecting sheath having a reduced end surrounding said sleeve and tube, the sheath also including an enlarged portion, a metal armor surrounding the tube and extending through the sheath to a point adjacent said sleeve, a body of solder securing the reduced end of the sheath to the tube and metal armor, and a body of resilient material filling the space in the enlarged portion of the sheath around said tube and metal armor and extending from the outer end of the sheath to said solder body.

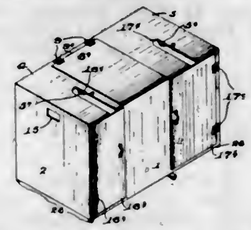
2,127,593
PHONOGRAPH
Heinrich F. Max Gramann, Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application June 16, 1933, Serial No. 676,037
2 Claims. (Cl. 274—21)

1. In a phonograph, a carriage, a feed screw, carriage advancing means comprising a rotatable feed nut mounted on said carriage for coaction with said feed screw, means to lock said feed nut against play relatively to said carriage during an advancing movement, back-spacing mechanism for said carriage, said mechanism being adapted to cause rotation of said feed nut to effect backspacing movement, and means associated with said mechanism to render said lock-



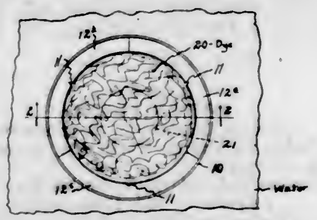
ing means inoperative during a back-spacing operation.

2,127,594
KITCHEN CABINET
Matilda Grossman, Philadelphia, Pa.
Application November 21, 1936, Serial No. 112,101
1 Claim. (Cl. 312—141)



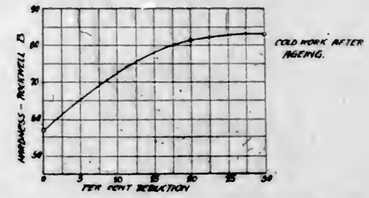
A utility cabinet, comprising generally a rectangular casing formed from a single piece of sheet metal, a plurality of partitions forming independent compartments within said casing, an aperture upon one side of said casing leading into a central compartment, apertures upon another side of said casing leading into a corresponding number of spaced compartments and having offsets in said first side laterally disposed upon the opposite sides of said first aperture, closures for said apertures, one of which is pedal operated, and resilient means to secure a portion of an object in and extending through each aperture offset when another portion of such object is positioned within the respectively adjacent compartment.

2,127,595
MEANS OF DYEING
Folke Heden, Brooklyn, N. Y., assignor to Fred Fear & Co., Brooklyn, N. Y., a corporation of New York
Application November 27, 1936, Serial No. 112,924
6 Claims. (Cl. 91—12)



1. A device as described comprising a container adapted to flat on water, said container having a plurality of apertures in the wall at the water line, and a body of dye in the container which is not miscible with water, the dye being exposed to the water through said apertures.

2,127,596
ALLOY
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application June 15, 1937, Serial No. 148,284
5 Claims. (Cl. 148—32)



1. An alloy containing about 0.05 to 3.0% magnesium, 0.1 to 10% zirconium, and the remainder copper.

2,127,597
METHOD OF PRODUCING BRAKE DRUMS
Harry J. Horn, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Original application March 18, 1935, Serial No. 11,609. Patent No. 2,038,842, dated April 28, 1936. Divided and this application March 23, 1936, Serial No. 70,309
2 Claims. (Cl. 29—152.2)

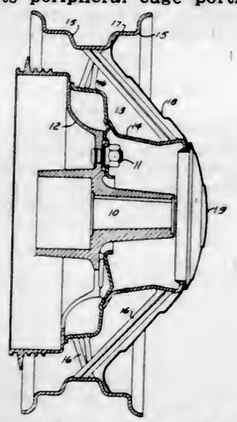


1. The method of manufacturing brake drums including a brake ring having a radial flange provided with circumferentially spaced apertures, which comprises: forming a disk-like supporting web for the ring having a main diameter locating its periphery inwardly of said ring apertures and having integral projections extending beyond its periphery, assembling the ring and web with the projections of the latter extending through the apertures in the flange of the former, and flowing the metal of said projections in radial and axial directions from the free extremities thereof to completely fill the cooperating apertures through which they extend and to overlie the edges thereof.

2,127,598
VEHICLE WHEEL
Harry J. Horn, Lansing, and Harold G. Axtmann, Dearborn, Mich., assignors to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application May 11, 1936, Serial No. 78,900
5 Claims. (Cl. 301—37)

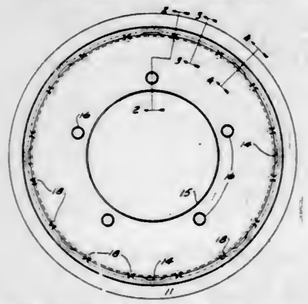
1. A vehicle wheel including, in combination, a rim having a substantially axially extending annular wall and a wheel and hub cover of generally conical formation having a continuous peripheral portion of a diameter slightly greater than the internal diameter of said annular wall, said cover

adapted to be distorted sufficiently to permit the insertion of its peripheral edge portion within



said annular wall whereby to secure the cover to the rim.

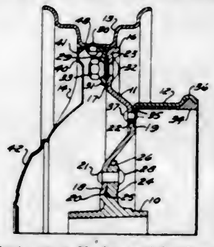
2,127,599
VEHICLE WHEEL
Harry J. Horn, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application November 7, 1936, Serial No. 109,626
3 Claims. (Cl. 301—63)



1. A wheel comprising a wheel body having a peripheral rim seat, a rim mounted upon the rim seat, said rim having a gutter at one edge thereof, the base of the gutter being indented radially outwardly at circumferentially spaced intervals to form supports for the edge of a side ring, a continuous side ring mounted upon the rim with an edge located within the gutter upon said indentations, and means associated with the base of the gutter and the peripheral portion of the wheel body for fastening the rim to the wheel body.

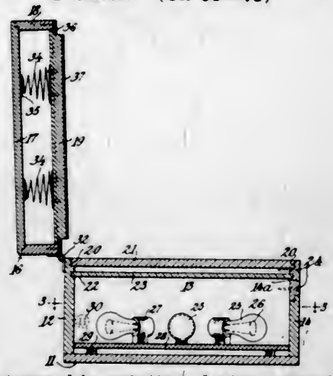
2,127,600
VEHICLE WHEEL
J Harold Hunt, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Original application July 27, 1933, Serial No. 682,373. Divided and this application August 5, 1936, Serial No. 94,409
2 Claims. (Cl. 301—37)

1. A wheel including, in combination, a wheel body having a plurality of circumferentially spaced rim seats, a rim mounted upon the seats, securing means for detachably connecting the rim to the wheel body, an ornamental cover arranged to conceal said wheel body and said rim securing means, said cover having an axially extending peripheral flange concentric with and located within said rim, an attaching clip secured



to said rim intermediate said rim seats and engaging said flange, said rim securing means including abutments for the axially inner edges of the peripheral flange on said cover.

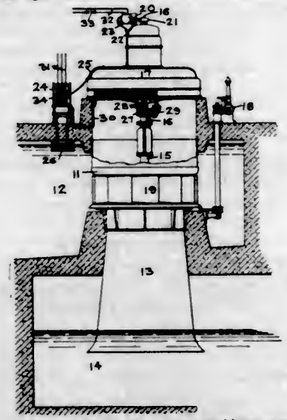
2,127,601
PORTABLE PHOTOGRAPHIC PRINTING DEVICE
Emanuel M. Jaffe, Brooklyn, N. Y.
Application March 25, 1937, Serial No. 132,906
1 Claim. (Cl. 95—73)



A photographic printing device comprising a cabinet having a body portion consisting of a bottom, enclosing side walls and a light-transmitting top closure plate, said body portion having therein a removable false bottom upon which is mounted a light source and a light diffusing plate disposed between the top closure plate and the light source, said closure plate, light diffusing plate and false bottom being all parallelly disposed, said side walls having alined grooves for supporting the light diffusing plate and one of the side walls being formed with a detachable section which when mounted in position serves to hold the light diffusing plate within the body portion and when detached from the body portion permits removal of the light diffusing plate and access to the false bottom and the light source.

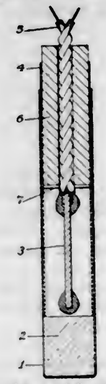
2,127,602
POWER PLANT
George A. Jessop, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania
Application July 31, 1937, Serial No. 156,619
4 Claims. (Cl. 175—355)

1. A power plant comprising an electric generator, a hydraulic turbine for operating said generator and having a flume containing operating fluid therefor, a main power line connected to said generator for conducting electric energy produced by the generator, and a rheostat immersed in the operating fluid in the flume of the hydraulic turbine and adapted to be electrically connected with



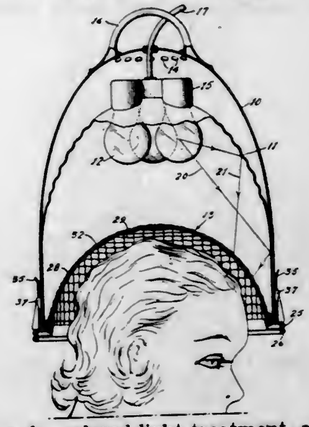
said generator when the operating speed of the generator exceeds a predetermined number of revolutions per minute for dispersing electric energy from said generator into the operating fluid in said flume.

2,127,603
GASLESS IGNITER
Elwyn Jones, Saltscoats, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
Application December 19, 1934, Serial No. 758,317
In Great Britain December 20, 1933
10 Claims. (Cl. 102—10)



1. A safety igniter for a blasting charge of deflagrating explosive, said igniter being free from bursting and detonating charges and comprising an electric fusehead and a substantially gasless combustion charge of predetermined maximum combustion temperature below the ignition temperature of a mixture of air with methane enclosed in a ventless metal container having a fusion temperature above the maximum combustion temperature of said charge, said charge being adapted to heat the outer surface of said container, without rupture of the walls thereof, to a temperature sufficient to ignite said blasting charge indirectly by heat transfer through the walls thereof, but insufficient to ignite a mixture of air with methane.

2,127,604
LAMP FOR COLORED LIGHT TREATMENT
Gertrude E. Kothe, New York, N. Y.
Application September 3, 1932, Serial No. 631,676
1 Claim. (Cl. 128—396)

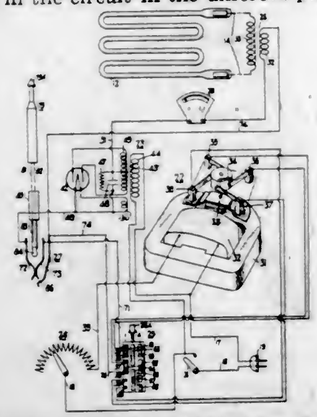


A lamp for colored light treatment, comprising a curved top reflector having a substantially hemispherical top portion and a lower substantially cylindrical portion, a source of light in the upper part of the reflector, a color screen for receiving and transmitting light from the reflector comprising two wire-mesh members of similarly upwardly curved cross-section separably connected together and a sheet of colored translucent material between said wire-mesh members and deformed by the latter into correspondingly curved form, and means for detachably securing the color screen in position, said wire mesh members and curved translucent material being located within the lower cylindrical portion of the reflector and being of sufficient size to receive completely the upper part of the head of a person so that rays of colored light will be directed downwardly upon the head by the top portion of the reflector and inwardly entirely around the head by the lower portion of the reflector.

2,127,605
STROBOSCOPIC APPARATUS
Andrew A. Kucher and Floyd E. Gray, Dayton, Ohio
Application May 29, 1935, Serial No. 24,058
3 Claims. (Cl. 88—14)

1. In apparatus for inspecting a moving element and for indicating the frequency of the periodic motion thereof, the combination of an electrical circuit, means for illuminating said element connected in said circuit, a rotatable switch structure having a plurality of circumferentially spaced stationary contacts and a rotatable member for sequentially bridging adjacent stationary contacts as it is rotated, said rotatable switch being connected in said circuit with said illuminating means for controlling the energization thereof, a motor for rotating the bridging member, a second switch structure having a plurality of stationary contacts connected, respectively, to the stationary contacts of the rotatable switch structure and other stationary contacts connected in the electrical circuit, said second switch structure having an element selectively movable to a plurality of positions, said element including segments adapted for bridging predetermined groups of the stationary contacts in the different positions of the element, the connections between

the stationary contacts of the first mentioned switch structure and the said predetermined groups of contacts of the second switch structure being so arranged that different predetermined groups of said first mentioned contacts are connected in the circuit in the different positions of



the movable element so that the number of energizations of the illuminating means per revolution of the motor is varied, means for varying the speed of said motor and means responsive to the speed of the motor for indicating the frequency of energization of the illuminating means.

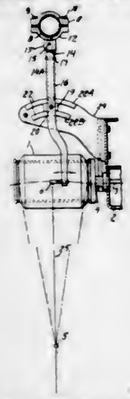
2,127,606

GUIDING LONG FLEXIBLE BODIES

William George Lea, Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y., a corporation of Delaware

Application January 7, 1937, Serial No. 119,389

1 Claim. (Cl. 242—18)



In apparatus for guiding an elongated plastic flexible body of uniform cross section having a pair of neighboring guides through which said body is passed in a relatively taut condition, one of said guides being stationary and means being provided for reciprocating the other guide transversely to the direction of passage of the body, the improvement which comprises means for maintaining substantially constant the distance between said guides during reciprocation of the reciprocable guide, said means including an elongated arm oscillatable in a direction transverse to its major axis and to the direction of passage of said body, an elongated extension mounted slidably on said arm and bearing the reciprocable guide, a track disposed in a direction transverse to the major axis of the arm and to the direction of passage of the body, and a rider slidably mounted on said track and attached to the extension, the curvature of the track being such that the extension periodically slides longitudinally on the arm during oscillation of the latter, thus changing the effective combined length of the arm and the extension periodically and maintaining the distance between the guides substantially constant, so that the plastic body is subjected to substantially uniform tension as it passes through the guides and remains substantially uniform in cross section.

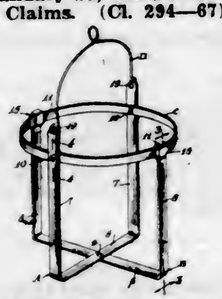
2,127,607

HOISTING FRAME

David Levow, New York, N. Y.

Application January 29, 1937, Serial No. 122,923

4 Claims. (Cl. 294—67)



1. A collapsible hoisting frame comprising a plurality of support members capable of nesting one in the other, said support members being pivoted to each other at their bases, whereby said support members may be angularly displaced about a vertical axis with respect to one another, a reenforcing ring mounted on one of said support members for angular displacement about a horizontal axis, and interlocking elements formed integrally with said reenforcing ring and the other of said support members adapted to cooperate for latching the same when the ring is displaced to the horizontal plane.

2,127,608

CIRCUIT CONTROLLER

Lee L. Manley, Philadelphia, Pa., assignor, by mesne assignments, to Hugh H. Eby Inc., Philadelphia, Pa., a corporation of Pennsylvania

Application November 6, 1934, Serial No. 751,679

8 Claims. (Cl. 200—11)



1. A multiple switch including plural contacts formed of wire and radially self-secured at equal intervals around a circle upon an insulating element, plural spherically rounded contactors of size sufficient to bridge two adjacent contacts and simultaneously actuated by a movable insulating disc, pins in said insulating disc, a conically coiled spring anchored to each of said contactors and positioned at its small end upon one

of said pins to urge said contactor toward said contacts, whereby said switch is automatically indexed into each of its conductive positions, each said contactor being out of direct physical contact with its pin and arranged for self seating on adjacent contacts and for limited response to the resultant thrust radially of said circle pursuant to axial thrust on divergent contacts to secure firm electrical engagement and low contact resistance.

2,127,609

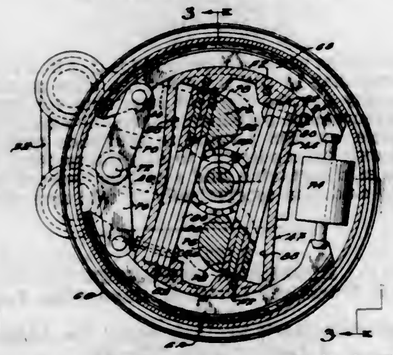
WHEEL SUSPENSION

Borge Martins, Copenhagen, Denmark

Application April 12, 1937, Serial No. 136,239

In Denmark November 13, 1936

19 Claims. (Cl. 267—19)



1. In combination with a vehicle having a chassis part and a plurality of wheel parts, means individual to each of said wheel parts interconnecting it to said chassis part for movement relative thereto and serving as the main load transmitting means between it and said chassis, including camming means rotatably supported by one of said parts, leaf spring means carried by said one of said parts in cooperative relationship with respect to said camming means whereby rotatable movement of said camming means stresses said leaf spring means in varying amounts, link means pivotally connecting said parts and constraining the relative movement between said parts to a predetermined path, and means cooperating between said link means and said camming means controlling the rotatable position of said camming means in accordance with the relatively movable position between said parts, said leaf spring means and said camming means being so constructed and arranged that the stress of said leaf spring means is increased during movement between said parts in both directions from a position intermediate their opposite limits of relative movement.

2,127,610

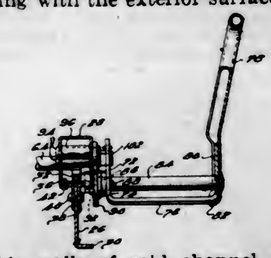
ADJUSTABLE SEAT SLIDE

Raymond G. Moore, Grosse Pointe Farms, Mich.

Application February 28, 1938, Serial No. 192,916

10 Claims. (Cl. 155—14)

1. In a seat slide mechanism including a rail member and a channel member slidably supported on said rail member for movement longitudinally thereof, and a latch member pivotally supported by said channel member and cooperable with said rail member to latch said channel member in any one of a plurality of adjusted positions thereon, the combination of means for pivotally supporting said latch member comprising a pin, and means for supporting said pin on said channel member including means spacing the interior walls of said channel member and means rigidly fixed with respect to said pin cooperating with the exterior surfaces of the op-



posite side walls of said channel member adjacent said spacing means clamping said opposite walls against the corresponding ends of said spacing means.

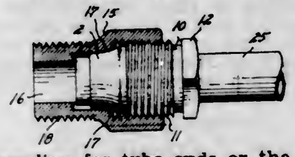
2,127,611

COUPLING

Ervin H. Mueller, Detroit, Mich.

Application August 22, 1936, Serial No. 97,348

2 Claims. (Cl. 285—166)



1. A coupling for tube ends or the like comprising, a fitting having an internal inclined shoulder, a second fitting adapted to be screw threaded into the first, both fittings having bores therethrough, a ferrule having a portion telescoped into the bore of the second fitting and having a shoulder arranged to abut against the end of the second fitting, said ferrule having a tapered head adapted to engage the inclined shoulder of the first fitting, the bore of the second fitting having circumferential groove therein, and the telescoping part of the ferrule having an external shoulder fashioned into said groove to permanently unite the second fitting and ferrule.

2,127,612

RECORD CALENDAR

Luis Felipe Murguía, Mexico, D. F., Mexico

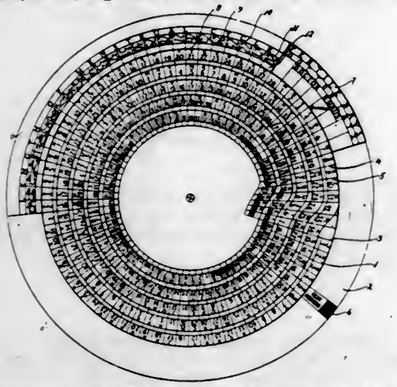
Application May 22, 1937, Serial No. 144,190

In Mexico August 28, 1936

1 Claim. (Cl. 40—113)

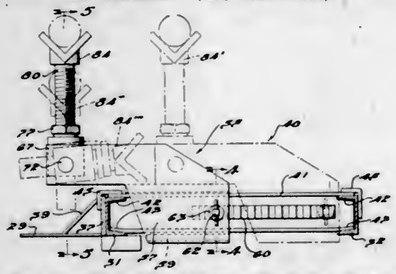
A record-calendar of the type described, comprising a circular disc of card-board or other appropriate material, with a series of double circular bands traced on it, said bands joining each other successively on the same radius in order to form a continuous band, these series of bands being divided by radial lines into sectors of equal angular measurement, said sectors being numbered each, beginning from the original sector, with number corresponding to the successive days of the year, having moreover an indication of the corresponding month, leaving blank the part of the double band adjacent to that of the numbered band; in combination with this circular disc another, similar disc, upon which the former rotates concentrically, this second disc showing sectors formed by radial lines of equal angular measurements to that of the smaller disc, one of them showing the inscription "Next menses"; a second sector, multiple with the inscription "Fertile days" of equal angular measurements to eight sectors on the smaller disc,

divided into eight sectorial parts of equal angular measurement, located on the 12th sectorial division towards the left from the first exterior sector, the sector of these eight which are in fifteenth place counting from the same point of origin, carrying the inscription "Ovulation" and



in continuation of these eight sectors another series of sectors also of the same angular measurements as those of the smaller disc, numbered with figures from 20 on the sector corresponding to number 41 having the inscription "Birth date" or another conventional indication.

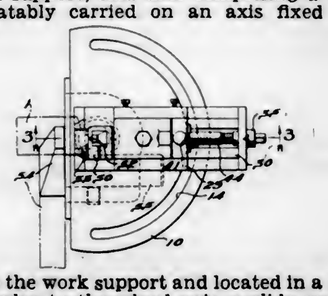
2,127,613
CAR LOADING DEVICE
Sulo M. Nampa, Detroit, Mich., assignor to The Worth Company, Detroit, Mich., a corporation of Michigan
Application May 28, 1936, Serial No. 82,165
12 Claims. (Cl. 105—368)



1. In an automobile loading device, a frame for supporting an automobile in an elevated position, means carried by the frame for longitudinal movement thereon, an automobile supporting device pivotally carried by said means on a transverse axis and engageable with one end of the automobile to support it in elevated position with respect to the frame, and yielding means for securing the automobile on the frame, said yielding means being adapted to permit a limited longitudinal movement of the automobile on the frame and an incidental limited pivotal movement of said device when the device is in automobile supporting position.

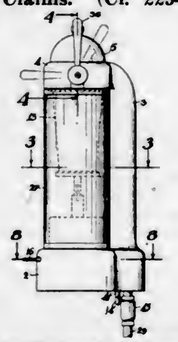
2,127,614
GRINDING WHEEL DRESSING UNIT
John W. Parker, Detroit, Mich.
Application December 5, 1935, Serial No. 52,937
5 Claims. (Cl. 125—11)

1. In combination, a grinding machine having a bed, a grinding wheel rotatably supported on said bed, a work support carried by said bed, means for adjusting said grinding wheel and work support relatively in lines parallel and perpendicular to a vertical plane through the axis of the wheel, a wheel dressing unit mounted on said work support, said unit comprising a turntable rotatably carried on an axis fixed with



respect to the work support and located in a plane perpendicular to the wheel axis, a slide member adjustably carried by said turntable for rectilinear movement perpendicular to the axis of the turntable, an arm pivoted to said slide member on an axis perpendicular to and intersecting the axis of said turntable, and a cutting element carried by said arm eccentrically of said arm pivot.

2,127,615
BEVERAGE DISPENSER
Leslie E. Peters and Lucien H. Handy, San Francisco, Calif.
Application April 30, 1935, Serial No. 19,069
4 Claims. (Cl. 225—8)

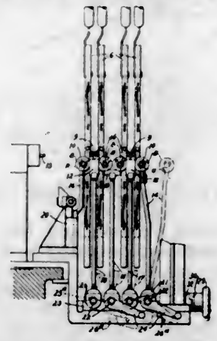


1. In beverage dispensing apparatus, a support for a glass to be filled, a superposed member having a seal with an exposed face for engagement with the rim of such glass, said member having fluid inlet and outlet means within the area defined by such engagement, means for raising the support, whereby the glass top may be brought into engagement with the superposed member, and door means synchronized with the support raising means for enclosing the glass.

2,127,616
WARP-DRAWING MACHINE
Burt A. Peterson, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application October 25, 1937, Serial No. 170,740
12 Claims. (Cl. 28—44)

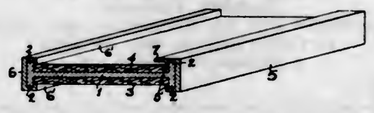
1. A warp-drawing machine comprising, in combination with a plurality of endwise movable heddle frames and a drawing-in mechanism including a plurality of control elements with a pair of such elements associated with each of

said frames and arranged in closely spaced relation, a series of supports for said control elements, and means for mounting said supports for rela-



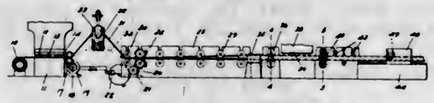
tive swinging movement whereby to effect a movement of separation between the elements of each pair and permit movement of the associated heddle frame between the pairs of elements.

2,127,617
STRAIGHTEDGE TOOL
William B. Petree, San Francisco, Calif.
Application April 14, 1937, Serial No. 136,853
9 Claims. (Cl. 164—73)



1. A straight edge tool comprising an elongated body member substantially I-shaped in cross section having a central portion and lateral flanges, and a filler positioned on at least one side of the body, and facing members fitting on the flanges.

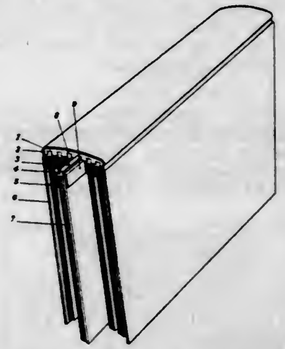
2,127,618
METHOD AND APPARATUS FOR FORMING AUTOMOBILE SIDE RAILS
Ernest Riemenschneider, Cleveland, Ohio, assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio
Application December 16, 1933, Serial No. 702,732
14 Claims. (Cl. 113—33)



1. An apparatus for producing articles from continuous strip stock including a reciprocatory intermittently operated press into which the strip is intermittently fed and slack is produced on the exit side of the press, a continuously operating mechanism for continually moving the strip away from the slack stock, a counter weighted roll between the press and mechanism over which the strip passes to maintain the slack strip in condition to compensate for the intervals of non-travel of portions of the strip in advance of the roll while undergoing operations in the press whereby said mechanism on the opposite side of said counter weighted roll continuously moves the strip therethrough.

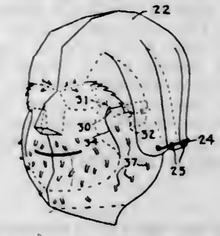
2. The method of continuously forming tubular articles from continuous strip stock, consisting of weakening the strip transversely at intervals to provide a plurality of individual sections of stock joined by continuous longitudinal uninterrupted marginal edges whereby one section is propelled along by its adjacent section, bending the stock into tubular form while the sections are joined and presenting two contiguous uncut edges throughout the length of the strip and then welding said uncut edges together.

2,127,619
BOOK ASSEMBLY
Sol R. Rosenthal, Chicago, Ill.
Application November 16, 1936, Serial No. 111,036
1 Claim. (Cl. 281—17)



In a device of the character described, the combination of an assembly binder including a back member and covers hinged thereto, and a plurality of signatures, means to individually connect said signatures to said assembly binder in removable fashion, said connecting means including for each signature an undercut groove formed on one member and a corresponding undercut tongue on the other member entering said groove endwise, together with a protruding catch member on one of said connecting members, and a corresponding recessed portion on the other of said connecting members engaging said catch member and releasably retaining said connecting members in assembled relation.

2,127,620
MASK
Basil Sabaneeff, New York, N. Y.
Application August 11, 1937, Serial No. 158,534
4 Claims. (Cl. 2—206)



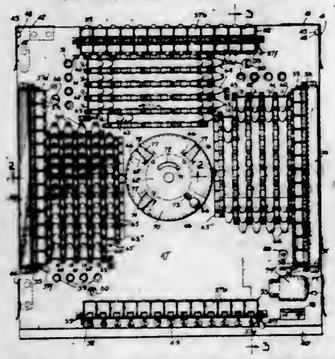
1. A mask formed of two flat blanks having their forward and lower edges adhesively secured together and each blank comprising a face and hood portion, the hood portion being formed of a plurality of wings and means for drawing the wings together so that when the mask is formed it will substantially cover the head of the wearer.

2,127,621
PHOTOGRAPHIC EMULSIONS
Cyril J. Staud and Joseph L. Connelly, Rochester, N. Y., assignors to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application April 16, 1936, Serial No. 74,814
10 Claims. (Cl. 95—7)

1. A photographic emulsion containing a silver halide dispersed in an appreciable amount of a water soluble cellulose ester selected from the group consisting of polycarboxylic acid esters of cellulose and hydroxy-monocarboxylic acid esters of cellulose.

2. A photographic emulsion containing a silver halide dispersed in a substantially equal mixture of gelatin and a water soluble cellulose ester selected from the group consisting of polycarboxylic acid esters of cellulose and hydroxy-monocarboxylic acid esters of cellulose.

2,127,622
BRIDGE PLAYING DEVICE
Jack Potter Stockton, Spring Lake, N. J.
Application January 31, 1936, Serial No. 61,646
27 Claims. (Cl. 35—8)



1. In a bridge playing device adapted for the manual play of four bridge hands by one person, a medium bearing indications of the cards of a bridge deal and playing indications for the non-manually played hands, showing the order in which cards are to be played from said non-manual hands, means movable into positions for separately concealing or revealing each of the card indications of two hands, whereby the manually playable hand may be seen by the manual player and the dummy hand exposed, movable members for revealing in proper sequence the cards to be played for each move, play or response from the concealed hands for each successive trick, the notations of play in each of the revealed hands being made by the means which conceals or reveals the card indications of the revealed hands, and means to support said movable means and said movable members in substantially fixed relation and registry with the indications on the medium.

2,127,623
CLIP FOR MEATS AND THE LIKE
Harry Weil, Buffalo, N. Y.
Application October 16, 1937, Serial No. 169,429
3 Claims. (Cl. 24—87)

1. A clip adapted for the purpose described, comprising a slender rod provided at opposite ends with inwardly deflected prongs which project to the same side from the rod, and provided between its ends with a finger piece in the form of a slender cross bar which is rigid with the

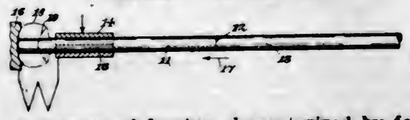


rod and projects laterally to opposite sides therefrom approximately in the plane of the rod and transversely to the plane of the end prongs.

2,127,624
PREPARATION AND USE OF TEXTILE THREADS
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application October 3, 1935, Serial No. 43,329
4 Claims. (Cl. 117—21)

1. Process for the production of highly twisted crepe threads of improved characteristics, which comprises steaming a thread comprising a mixture of non-thermoplastic fibres and fibres containing an organic derivative of cellulose, and crepe twisting the thread while the thread is subjected to the action of the steam at the point where the twist is inserted.

2,127,625
ELECTRIC FORGING
Giuseppe Domenico Mario Benedetto, Barnes, London, England
Application July 14, 1937, Serial No. 153,594
In Great Britain July 29, 1936
4 Claims. (Cl. 219—3)



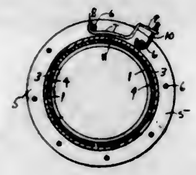
1. A process of forging characterized by feeding two lengths of distinct metals successively into an upset head in an electric upsetting machine so that the second length becomes incorporated in the head in union with the first with an enlarged area of junction and thereafter diepressing the composite upset head in such manner as to extend further the area of junction between the two metals.

2,127,626
PURIFYING LIME
Louis Block, Joliet, Ill., assignor to Blockson Chemical Co., Joliet, Ill., a corporation of Illinois
No Drawing. Application June 24, 1936, Serial No. 87,041
3 Claims. (Cl. 23—186)

1. The method of treating lime containing combined fluorine to lower the fluorine content thereof, which comprises treating the lime at a temperature of about 1100° C. with a stream of inert gas enriched with added water vapor in such quantity that substantially all the fluorine is removed in less than approximately four (4) hours.

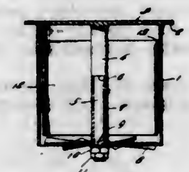
2,127,627
REPAIR CLAMP FOR DRESSER COUPLINGS
Joseph F. Goddard, Canfield, Ohio
Application March 9, 1937, Serial No. 129,865
Renewed July 14, 1938
1 Claim. (Cl. 138—99)

A repair clamp for Dresser couplings having a semi-U-shaped hook formed on one end adapted to be attached to one of the bolts of said Dresser coupling, the opposite end of said clamp being bent upwardly and outwardly, a U-bolt positioned in the outwardly extending portion adapted to



engage one of said Dresser coupling bolts, a rubber button designed to be held between the clamp and a center ring of said coupling to effectively plug a hole in the center ring.

2,127,628
FUEL MIXER
Henry Hauser, Canton, Ohio
Application January 22, 1938, Serial No. 186,444
2 Claims. (Cl. 48—180)



2. A fuel mixer of the character described comprising a cylinder adapted to be mounted in the intake manifold of an internal combustion engine, said cylinder being open at its ends, an attaching flange on one end of the cylinder, a spider on said one end of the cylinder, a shaft fixed on the spider and extending centrally through the cylinder, said shaft comprising a reduced end portion providing a shoulder, a sleeve journalled on the reduced portion of the shaft and having one end engaged with the shoulder, a fan on the other end of the sleeve operable in the other end portion of the cylinder, retaining nuts for the sleeve threaded on the shaft, a thrust bearing for the sleeve interposed between said sleeve and the retaining nuts, and a deflector mounted in the cylinder in spaced, concentric relation thereto for directing the fuel toward the fan, one end of the deflector being adjacent the fan, the other end portion of said deflector being flared and secured to the cylinder.

2,127,629
NUTRITION OF POTTED PLANTS
Linus H. Jones, Amherst, Mass., assignor to W. Bartlett Jones, Chicago, Ill.
No Drawing. Application March 27, 1937, Serial No. 133,379
6 Claims. (Cl. 47—58)

1. The method of feeding potted plants and the like to control the stage of development of the plant to favor the reproductive stage and to disfavor the vegetative stage, which comprises burying monthly in the earth about a plant one or more en masse bodies each consisting of at least ½ gram of fish meal having a 10% ammonia equivalent to provide nitrogen and 38% of bone to provide phosphate, and about .05 gram of a potassium salt, according to the formula

$$60x=10 \log V-a$$

wherein
x = the ammonia equivalent of the fish meal in grams,
V = volume of potted dirt and roots in cubic inches,
and
a = 7 to 10

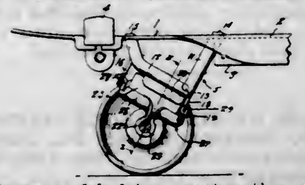
up to a value of $V=150$, and above such value of V according to the formula

$$x=kT$$

where T represents the cubic inches of dirt and roots and

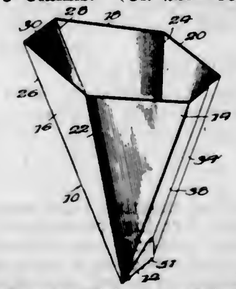
$$k=.00133 \text{ to } .00166$$

2,127,630
ROLLER SKATE
Daniel Kees, Beatrice, Nebr., assignor to F. D. Kees Manufacturing Company, a corporation of Nebraska
Application December 27, 1934, Serial No. 759,410
6 Claims. (Cl. 280—11.28)



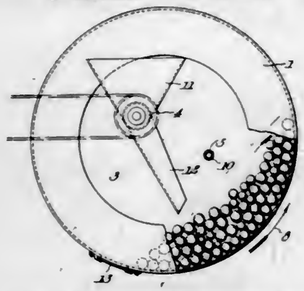
1. A truss and bolster construction comprising a truss member provided with a cut away section, a bolster separated from the truss, a shim interposed therebetween, a teat on the shim adapted to cooperate with the cut away section of the truss in order to position the shim, and means to secure the elements in assembled position.

2,127,631
SANITARY SANDWICH ENVELOPE
James Nagle, Glendale, N. Y.
Application July 23, 1937, Serial No. 155,326
3 Claims. (Cl. 229—53)



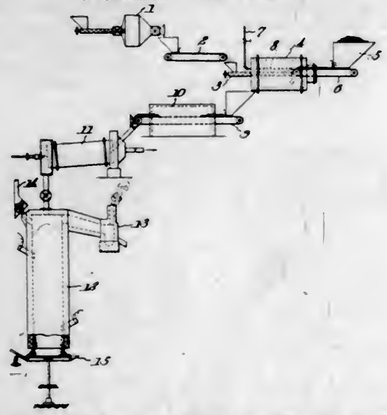
1. A blank, comprising a rectangular panel, triangular panels of greater area joined by folding lines to the said rectangular panel, a triangular panel of substantially the same area joined by folding lines to each of the first-mentioned triangular panels, narrow rectangular panels joined by folding lines to each of the second-mentioned triangular panels, triangular tabs joined by folding lines to the first-mentioned rectangular panel and the second-mentioned rectangular panels, and the said triangular tabs joined together by folding lines.

2,127,632
CONCRETIONARY AGGLOMERATE
Herand K. Najarian, Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y., a corporation of New York
Application May 8, 1935, Serial No. 20,505
6 Claims. (Cl. 75—3)



2. A method of making concretionary aggregates which comprises contacting solid particles with finely divided solid material and a binder material while subjecting the particles to continuous rolling until a shell of desired size has built up about the solid particles, and thereafter continuing the rolling operation until the substance of said shell is well plasticized.

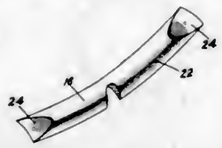
2,127,633
SMELTING OF ZINCIFEROUS MATERIALS
Herand K. Najarian, Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y., a corporation of New York
Application May 8, 1935, Serial No. 20,507
9 Claims. (Cl. 75—14)



1. A method of smelting zinciferous materials which comprises forming concretions of finely divided zinciferous material and carboniferous material about solid nuclei of a material entering into the smelting reaction and subjecting the concretions to smelting temperature.

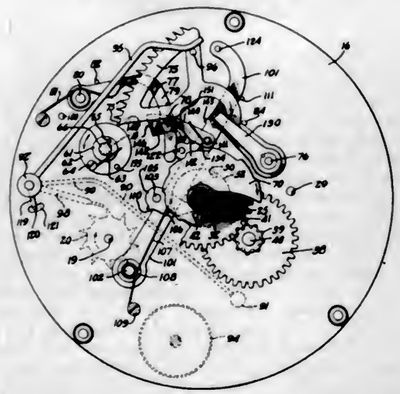
2,127,634
MANUFACTURE OF SHOE BOTTOM UNITS
Chester D. Turner, Haverhill, Mass., assignor to United Shoe Machinery Company, Paterson, N. J., a corporation of New Jersey
Application October 27, 1936, Serial No. 107,826
14 Claims. (Cl. 12—146)

1. As an article of manufacture, a reinforced insole unit comprising an insole having a longitudinally curved shank portion and a flat forepart, a stiff heel and shank reinforcing piece capable of being readily penetrable by lasting fastenings and having its forward extremity located a substantial distance rearwardly of the junction between the shank portion and the forepart of the insole, a resilient wooden shank stiffener



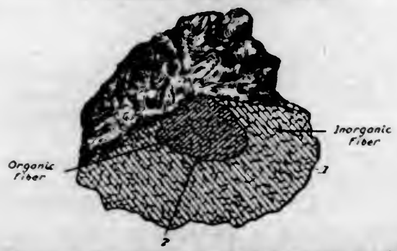
interposed between said insole and said reinforcing piece, said stiffener being narrower than either of said parts and extending forwardly to said junction, and means for securing said parts together including a fastening device extending only through said insole and said reinforcing piece at the forward end portion of the latter.

2,127,635
ELECTRIC CLOCK
Isador Warshawsky, Brooklyn, N. Y., assignor of twenty-eight and one-third percent to Jacob Warshawsky and twenty-eight and one-third percent to Nettie Warshawsky, both of Brooklyn, N. Y.
Application April 27, 1936, Serial No. 76,523
3 Claims. (Cl. 58—38)



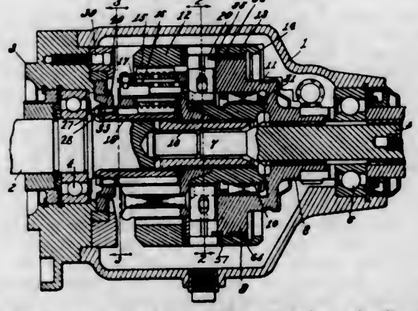
1. In an electric clock driven by an electric motor, a striking mechanism comprising a rack, a rack hook to restrain the movement of said rack, a warning lever intermittently actuated by the driving gearing of the clock to make said rack hook inoperative and to allow the rack to fall from its position of rest, and to make said rack hook operative again, a snail cam associated with the hour hand of the clock to limit the fall of said rack, a constantly rotating gathering pallet driven from the clock driving gearing to return the rack to its position of rest, a constantly rotating hammer actuating wheel driven from the clock driving gearing, and a hammer shaft having two arms rigidly attached thereto, and rotating therewith, one arm used for contacting the hammer actuating wheel during striking, the other arm cooperating with the warning lever and rack to control the time of engagement of the first mentioned arm with the hammer actuating wheel.

2,127,636
HEAT INSULATOR
Murrie M. Webster, Washington, D. C., and Joseph L. Finck, New York, N. Y., assignors to American Asbestos Co. Inc., Baltimore, Md.
Application May 12, 1936. Serial No. 79,358
2 Claims. (Cl. 106—18)



1. A loose insulating material which packs by gravity at the point of use, said material being formed of independent units irregular in shape, size and formation, each of said units consisting of a core formed from a non-impregnated organic fibre completely encased by a mass of non-impregnated clinging inorganic fibres, and a free mass of inorganic fibres, said organic fibres being wood fibre and said inorganic fibres being shredded asbestos, the percentage of the inorganic fibres being materially greater than that of the percentage of the organic fibres.

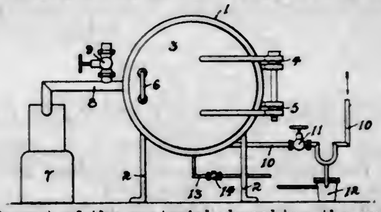
2,127,637
OVERDRIVE WITH SUN GEAR RELEASE
William B. Barnes, Indianapolis, Ind.
Application April 16, 1936, Serial No. 74,622
17 Claims. (Cl. 74—260)



1. The combination with a driving shaft and a driven shaft, of a planetary gearing for establishing a driving connection between said shafts including a sun gear, means for holding said sun gear against rotation, means operated by a coasting load on said sun gear for releasing said sun gear holding means and means for preventing a re-engagement of said holding means upon the establishment of a driving load.

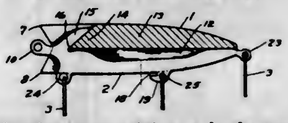
2,127,638
PROCESS FOR THE TREATMENT OF TEXTILE MATERIALS
Joseph Brandwood, Southport, England
Application June 2, 1937, Serial No. 145,982
In Great Britain June 9, 1936
3 Claims. (Cl. 28—58)

1. Process for the setting of twisted textile yarns or threads and fabrics, for the counteraction of strains set up therein in the course of their preparation, which process consists in subjecting the textile materials in a partial vacuum in a closed casing to gradually entering steam having a higher degree of temperature than the boiling point of water in the vacuum conditions prevailing and thus having a heat reserve over such boiling point, and on completion of desired



treatment of the materials breaking the vacuum whilst the steam temperature is still sufficiently high to prevent undue condensation of such steam upon the material.

2,127,639
FISH PLUG
John Edward Breuer, Great Neck, N. Y.
Application October 13, 1936, Serial No. 105,413
6 Claims. (Cl. 43—46)



1. A fish plug comprising a body portion having a longitudinal slot therein, a flat plate adapted to be removably mounted in said slot, said plate having eyes in which hooks are mounted, and means removably holding said plate in said plug, characterized in that the holding means comprises a latch on the under side of the body portion cooperating with a hook on said flat plate.

2,127,640
METHOD OF CHROMIUM PLATING
Morris Brown, La Grange, and Arthur M. Wagner, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application January 7, 1936, Serial No. 57,923
5 Claims. (Cl. 204—1)

1. A method of chromium plating on a zinc base which comprises etching said base in a chromic acid-sulfate plating solution, and subsequently electrodepositing an adherent chromium coating of at least 10 milligrams per square inch directly on said base.

2,127,641
PROCESS FOR OBTAINING HIGH GRADE SULPHURIC ACID ESTERS
Konrad Cremer, Krefeld, Germany, assignor to Chemische Fabrik Stockhausen & Cie., Krefeld, Germany, a German society
No Drawing. Application April 20, 1936, Serial No. 75,409. In Germany July 12, 1928
7 Claims. (Cl. 260—400)

1. In a process for obtaining high grade sulphuric acid esters from reaction mixtures produced by sulphonating oils, fats, their fatty acids or mixtures thereof, the improvement comprising the steps of freeing from the reaction mixture resulting from the sulphonation process, the excess sulphuric acid; treating the reaction mixture, freed of the excess sulphuric acid, with a separating agent consisting of a compound of a metal selected from the group consisting of alkaline earth and heavy metals, in aqueous solution, to convert the sulphuric acid esters into water soluble salts and the non-sulphonated fractions into insoluble salts, the acid separating agent being of such concentration as to retain the salts

of the sulphuric acid esters in solution but will precipitate out the salts of the non-sulphonated fractions; separating the precipitated salts of the non-sulphonated fractions from the solution of the salts of the sulphuric acid esters; and then separating the refined sulphuric acid esters from the solution containing the same.

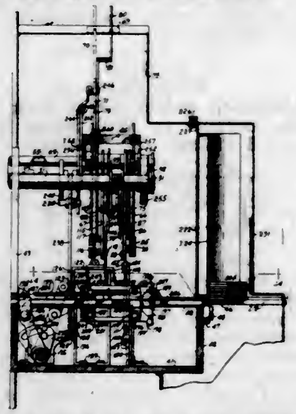
2,127,642

CHANGE MAKING ATTACHMENT FOR CASH REGISTERS

Helge C. Diesserud, Montclair, N. J., assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Application June 17, 1932, Serial No. 617,745

30 Claims. (Cl. 133—2)



1. In a machine of the class described, the combination of coin ejectors, a units and a tens control plate each or both adapted to render a plurality of said ejectors operative, levers representing the amount received adapted to adjust the control plates to render certain ejectors operative, a series of keys adapted to readjust said plates whereby other ejectors are rendered operative, an operating part, and means actuated thereby for operating the ejectors, said means being rendered operative in accordance with the final position of the control plates.

2,127,643

BELT CONVEYER

Gustav Glossmann, Beuthen, Germany

Application April 10, 1937, Serial No. 136,222

In Poland April 14, 1936

4 Claims. (Cl. 198—192)



1. In a belt conveyer of the character described, a support for the load-carrying stretch of the belt comprising a curved shaft, a support for said shaft, and a plurality of belt-supporting and guiding rollers threaded like beads on said shaft, said rollers being made of hard wood impregnated with oil.

2,127,644

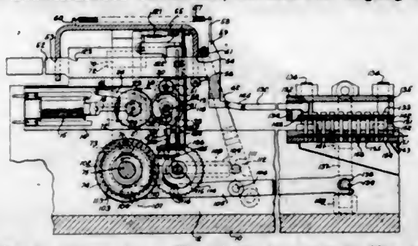
COMPUTING APPARATUS

Harold G. Johnstone, Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application October 5, 1935, Serial No. 43,657

6 Claims. (Cl. 235—58)

2. In a calculating machine, a plurality of separately driven accumulator elements, differential carrying mechanism for said accumulator elements, a rack carriage, a plurality of racks supported by said carriage, means for moving said carriage to shift the racks into position to drive the accumulator elements, means for urging the



racks to move in a direction to return the elements to zero, a plurality of latches for holding the racks inoperative to return the accumulator elements to zero, means for releasing said latches separately to permit the racks to return the elements to zero separately, and a recorder selector connected to each rack.

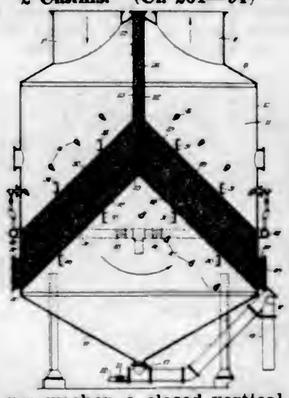
2,127,645

GAS WASHER

Selwyne P. Kinney, Pittsburgh, Pa., and Charles E. Dougan, Chicago, Ill., assignors to H. A. Brassert & Company, Chicago, Ill., a corporation of Illinois

Application June 10, 1937, Serial No. 147,428

2 Claims. (Cl. 261—94)



1. In a gas washer, a closed vertical chamber, an intermediate portion of the chamber being interrupted by a bed of coke extending across the chamber, partitioning means dividing the chamber above the lower surface of the coke bed into inlet and outlet chambers, the coke beds inclining downwardly away from the partitioning means, the partitioning means being divided to permit the introduction of coke from the upper portion of the chamber through the partitioning means to both sides of said means, and means for introducing gas into the inlet chamber and for withdrawing gas from the outlet chamber.

2,127,646

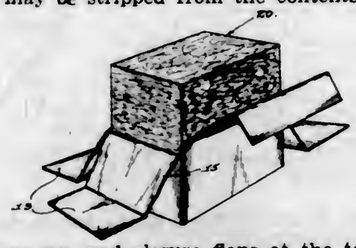
BAT PACKAGE

Michael Luery, Wabash, Ind., assignor to American Rock Wool Corporation, Wabash, Ind., a corporation of Indiana

Application September 12, 1936, Serial No. 100,483

3 Claims. (Cl. 206—46)

1. In combination, a bulk bat of mineral wool having parallel planes of cleavage, and a container therefor comprising side walls secured together along weakened corners, whereby said walls may be stripped from the contents along



said corners, and closure flaps at the top and bottom of said side walls, said cleavage planes being perpendicular to said corners.

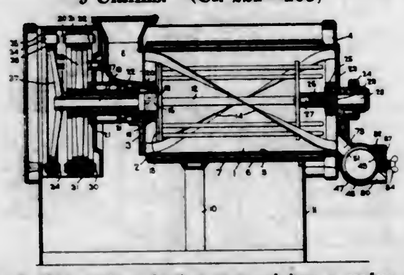
2,127,647

MEASURING VALVE FOR ICE CREAM FREEZERS

Wilfred F. Mathewson, North Weymouth, Mass.

Application June 15, 1935, Serial No. 26,738

9 Claims. (Cl. 221—103)



8. A dispensing device comprising a valve casing provided with an inlet port and a discharge port, a rotary hollow valve within said chamber, said valve having a valve port which registers alternately with the inlet and discharge ports as the valve rotates, a valve stem rigid with the valve, a collar secured to the valve stem and having a peripheral groove occupying a plane inclined to the valve axis, a ring received in said groove, means engaging the ring and holding it against rotary movement while permitting it to swing in the direction of the valve axis and to turn about an axis at right angles to the valve axis, and means to rotate the valve member, whereby rotation of the collar in the ring causes the valve to have an axial movement as it rotates.

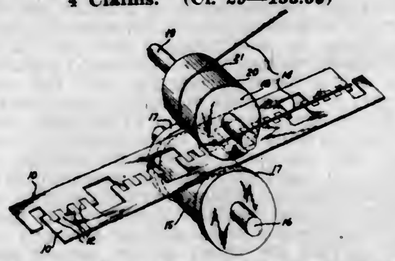
2,127,648

WELDING METHOD

Harvey G. Mehlhouse, Naperville, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application September 26, 1936, Serial No. 102,689

4 Claims. (Cl. 29—155.55)



1. A method for attaching contacts on switch springs having bifurcated ends, comprising placing a pair of springs in end to end relationship with the bifurcations internested, welding a continuous strip of contact metal on the bifurcated ends transverse to the axis of the springs, and severing the contact metal at the juncture between the springs.

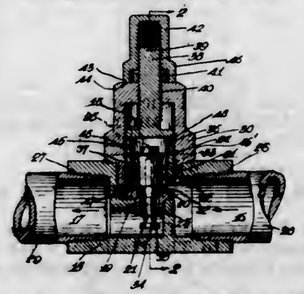
2,127,649

STEAM TRAP

John F. McKee, Lansdowne, Pa., assignor to Yarnall-Waring Company, Philadelphia, Pa., a corporation of Pennsylvania

Application March 17, 1934, Serial No. 716,099

26 Claims. (Cl. 137—103)



11. In a steam trap a body having inlet and outlet compartments and a valve seat between them, a combined piston and valve apertured to provide leakage through both of them, an internally tapered piston chamber, open at one end, within which chamber the piston operates and with which the piston forms a control chamber, the piston fitting loosely in the piston chamber to allow leakage past it and the taper of the piston chamber giving greatest diameter at the open end of the piston chamber.

2,127,650

COATING, SIZING, AND FINISHING COMPOSITIONS

Oscar F. Muller, Glen Ridge, N. J., assignor to Nyanza Color & Chemical Co., Inc., New York, N. Y., a corporation of New York

No Drawing. Application May 21, 1936, Serial No. 81,018

9 Claims. (Cl. 91—70)

1. A process of producing a permanent coating on a textile fabric by immersing same in a solution of hexamethylenetetramine and then subjecting the wet fabric to the action of an emulsion containing paraffin, an aluminum salt and gelatine.

2,127,651

CAKE AND PIE CRUST PERFORATOR

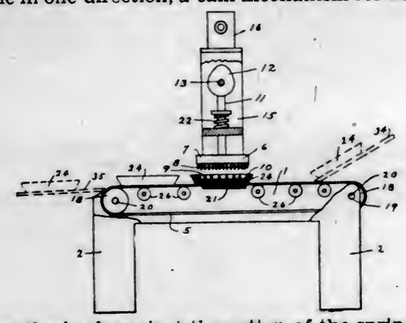
Eugene Vincent Panther, Baltimore, Md., assignor of one-half to John H. Miller, Baltimore, Md.

Application April 23, 1937, Serial No. 138,637

1 Claim. (Cl. 107—15)

In a pie crust perforating machine, the combination of a table adapted to receive and support pie plate containers, each container being arranged to hold the bottom of a pie-crust and walls thereof diverging upwardly, a perforating brush back having a flat bottom and diverging peripheral sides mounted above the table and operating vertically in a reciprocating manner aligned with the said containers and pie crust therein, spikes on the flat bottom and diverging peripheral sides of the said back arranged concentrically on the same and adapted to perforate the bottom and the diverging side walls of the pie crust in the container as the brush back is reciprocated, a frame for supporting and guiding the brush back in its reciprocating movement, a spring connected

with the back and acting thereon to actuate the same in one direction, a cam mechanism for actu-



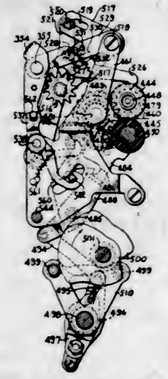
ating the back against the action of the spring in a reciprocating manner, and means for supporting and operating the cam mechanism.

2,127,652

PAPER FEED MECHANISM FOR CASH REGISTERS

Everett H. Placke and George H. Tasker, Dayton, Ohio, assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Application July 27, 1936, Serial No. 92,704
24 Claims. (Cl. 197—133)



12. In a machine of the class described, having means to make a plurality of imprints upon an issuing receipt, the combination of means including a latch device and a plurality of arms with graduated steps to cause the receipt to be fed varying distances in one direction; and means cooperating with the arms to control the operation of the aforementioned means to cause the receipt to be fed a greater distance in another direction to space said receipt in relation to the imprinting means.

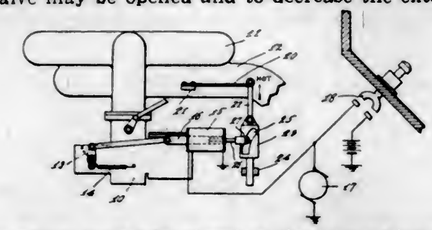
2,127,653

MIXTURE CONTROL FOR INTERNAL COMBUSTION ENGINES

Glen R. Sisson, Pendleton, Ind.

Application April 23, 1931, Serial No. 532,376
7 Claims. (Cl. 123—179)

1. In combination with an internal combustion engine having a carburetor provided with a choke-valve having a control member, mechanism for limiting both opening and closing movements of said choke-valve, said mechanism including abutments between which said control member is received and which define the limits of choke-valve movement, and a single temperature-responsive means responsive to engine temperature for moving said abutments simultaneously to increase the extent to which the choke-valve may be opened and to decrease the extent



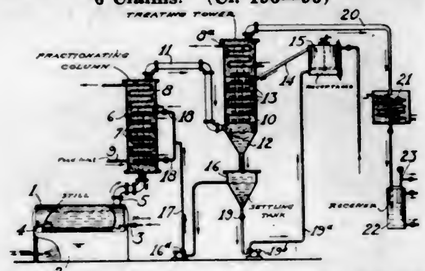
to which it may be closed as the temperature of the engine increases.

2,127,654

PROCESS FOR TREATING HYDROCARBON DISTILLATES

Reginald K. Stratford, Sarnia, Ontario, Canada, assignor to Standard Oil Development Company, a corporation of Delaware

Application August 10, 1934, Serial No. 739,194
6 Claims. (Cl. 196—96)



5. A process for treating petroleum oils which comprises contacting a solid adsorbent decolorizing material with vapors of such oil until the decolorizing power of substantially the entire body of said material is substantially entirely spent prior to the use thereof for stabilizing the color of the oil, thereafter passing additional light cracked distillate in vapor form through a treating zone and stabilizing the color of said distillate while maintaining said color substantially without change in said zone by contacting said vapors last mentioned with only said spent decolorizing material therein.

2,127,655

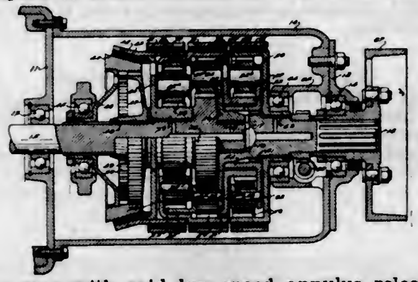
PLANETARY TRANSMISSION

Vidmar B. Stromquist, Farmington, and William T. Dunn, Detroit, Mich., assignors to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application April 19, 1935, Serial No. 17,158
14 Claims. (Cl. 74—268)

1. In a planetary gear transmission, a driving shaft, a driven shaft coaxially arranged with respect to said driving shaft, a primary sun gear carried by said driving shaft, low speed planetary gears driven by said primary sun gear, a low speed annulus driven by said low speed planetary gears, a low speed carrier for said low speed planetary gears directly drivingly connected with said driven shaft for rotation at the same speed therewith, braking means adapted to arrest rotation of said low speed annulus for causing said primary sun gear to drive said driven shaft at low speed, a second speed sun gear coaxial with said driving shaft and rotatable independently thereof, a second speed annulus directly drivingly connected to said low speed carrier, second speed planetary gears drivingly engaged with said second speed sun gear and second speed annulus, a second speed carrier for said second speed

planetary gears directly drivingly connected to said low speed annulus, and braking means adapted to arrest rotation of said second speed



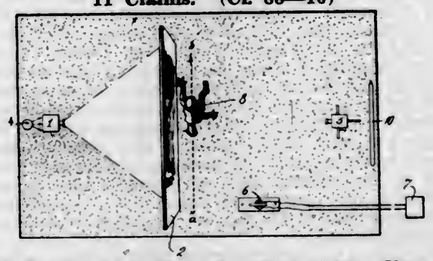
sun gear with said low speed annulus released from its said braking means for causing said primary sun gear to drive said driven shaft in second speed.

2,127,656

PRODUCTION OF MOTION PICTURES OF THE ANIMATED CARTOON TYPE

Paul H. Terry, Larchmont, N. Y.

Application April 25, 1934, Serial No. 722,220
11 Claims. (Cl. 88—16)



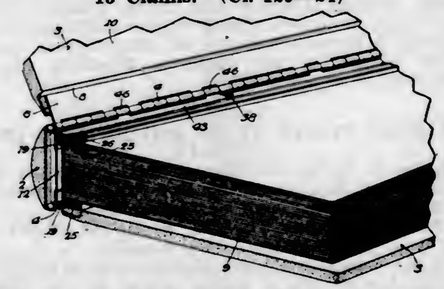
4. In the production of motion picture films of the animated cartoon type, the method which comprises producing on film frames images having a background scene and action figures, said action figures being substantially in silhouette, producing from said film frames enlargements having a positive background and action figures substantially in clear silhouette, modifying said enlargements by manually adding cartoon detail by drawing to the substantially clear silhouettes, and producing from said modified enlargements a film showing the background scene and action figures in desired detail and quality.

2,127,657

LOOSE LEAF BINDER

Paul O. Unger, Elmhurst, Ill., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts

Application February 12, 1936, Serial No. 63,481
13 Claims. (Cl. 129—24)



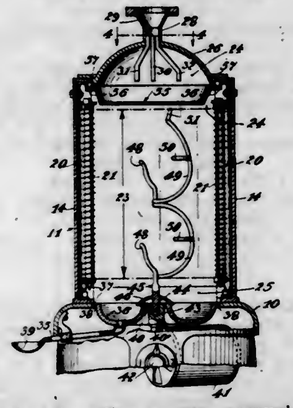
10. In a loose leaf binder, a back plate, a tubular sheath secured along one edge of said back plate, a pintle slide in said sheath, said pintle slide being provided with a recess, and a trigger pivoted to said back plate, said trigger being movable substantially transversely in a plane parallel to said back plate into and out of said recess.

2,127,658

ELECTRIC CULINARY OVEN

Alfred Walterspiel, Munich, Germany

Application July 19, 1935, Serial No. 32,151
7 Claims. (Cl. 219—35)



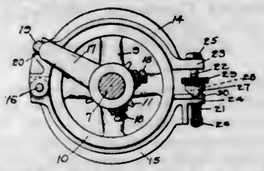
1. An electric culinary oven, comprising a substantially closed casing having a closed top and a closed bottom and drip restricted openings limited by the passage of drippings through said top, and drip discharging restricted openings limited by the passage of drippings through said bottom, said drip receiving and discharging openings communicating with the atmosphere exterior to the casing, means in said casing for supporting the article of food to be heated, the height and width of the casing approximating the average size of articles of food to be heated, and electrical heating means disposed at two substantially diametrically opposite sides of said casing and of said article of food and spaced therefrom and extending above and below said article of food for producing an effective heat zone having its radiations or the like pass from one means to the other and through said article of food in strata like effect, substantially uninfluenced by any currents of air disturbing the stratification, and without circulation of air from the restricted openings.

2,127,659

CLOTH ROLL DRIVE

Walter J. Budzyna, East Douglas, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine

Application September 22, 1937, Serial No. 165,109
3 Claims. (Cl. 192—79)



1. In a cloth roll drive for loom take-ups, the combination of a cloth roll having a gudgeon, a driving member comprising a revolving friction

drum loosely mounted on said gudgeon, a pair of friction shoes having fixed driving connection with said gudgeon, said shoes being pivoted together and being curved to fit the external periphery of said drum, a bolt passing through the free ends of said shoes, spring means acting on the free ends of said shoes to urge the shoes into frictional engagement with said drum, and a cam mounted on said bolt, said cam being manually rotatable into engagement with the free end of one of said shoes to release the shoes from said drum against the action of said spring means.

2,127,660

UNSATURATED ESTERS OF 2-CHLOROALLYL ALCOHOL

Gerald H. Coleman and Bartholdt C. Hadler, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application October 23, 1937, Serial No. 170,647
8 Claims. (Cl. 260—469)
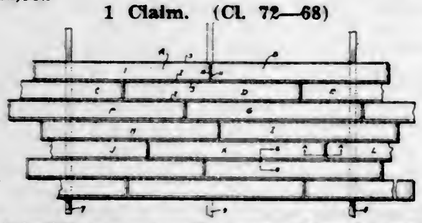
1. An ester of 2-chloroallyl alcohol with an unsaturated carboxylic acid.

2,127,661

DECKING

Clarke F. Davis, Short Hills, N. J., assignor to American Cyanamid & Chemical Carporation, New York, N. Y., a corporation of Delaware

Continuation of application Serial No. 655,591, February 7, 1933, now Patent No. 2,083,987. This application September 24, 1935, Serial No. 41,862
1 Claim. (Cl. 72—68)



A building construction comprising in combination two spaced apart permanent supports, a surface area supported thereby, said area including a series of precast slabs, each slab having on opposite edges metal members bonded to the slabs, the metal members on opposite edges being complementarily tongued and grooved, adjacent edges of adjacent slabs being wedgingly interlocked together in a tongued and grooved joint, at least one of said slabs in the surface area being of a length less than the distance between supports, said slab being supported by the slabs engaging it.

2,127,662

METHOD OF FACILITATING PRODUCTION OF WELLS

John J. Grebe, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application September 30, 1935, Serial No. 42,879
8 Claims. (Cl. 166—21)

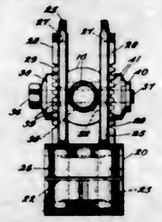
2. In a method of treating a well in a formation containing carbonate, the steps which consist in introducing into the well an initial quantity of an acid solution and a foam-producing agent, said solution being capable of acting on carbonate to liberate a gas, and then introducing a separate charge of a reagent capable of increasing the permeability of the earth formation to the flow of fluids and substantially free from a foam-producing agent, and applying sufficient pressure to the charge to force it into the formation.

2,127,663

VALVE ARM CONSTRUCTION

Louis G. Hilkemeier, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin

Application July 7, 1937, Serial No. 152,423
4 Claims. (Cl. 74—600)



2. In valve arm construction, a hub arranged to be rigidly secured to a valve shaft, having a plurality of alined laterally spaced arms extending outwardly therefrom, said arms having complementary longitudinally extending slots therein, and the outer faces of said arms having transverse serrations along said slots; a pin slidable in said slots for pivotally mounting an actuating rod between said arms; and oppositely disposed members carried by said pin having serrations arranged to be variably engaged with those on said arms to determine the position of the pin relative to the axis of the valve shaft, one of said members being threaded upon said pin, whereby the parts may be positively retained in a determined position.

2,127,664

SEPARATING BROOKITE AND RUTILE FROM ZIRCON AND OBTAINING TITANIUM OXIDE THEREFROM

Charles J. Kinzie and Eugene Wainer, Niagara Falls, N. Y., assignors to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application August 29, 1936, Serial No. 98,598
12 Claims. (Cl. 23—202)

1. The method of separating an intimate and commingled mixture composed substantially of industrially inseparable grains of titanium oxide minerals and zircon, which comprises heating said mixture in the presence of from 5 to 25 parts of carbon per 100 parts of said ore mixture under reducing conditions at temperatures below 1600° C. but sufficiently high to form a titanium-oxygen-carbon complex from the titanium oxide minerals without altering the zircon grains, then calcining the cooled charge under oxidizing conditions to remove carbon from said complex, and then separating the synthetic titanium oxide material from the zircon.

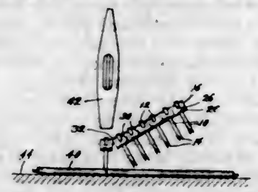
2,127,665

SADDLE STAPLE STRIP AND METHOD OF USING IT

George F. Leslie, Fitchburg, Mass., assignor to Superior Manufacturing Company, Fitchburg, Mass., a corporation of Massachusetts

Application July 27, 1935, Serial No. 33,501
7 Claims. (Cl. 1—56)

1. As a new article of manufacture, a unitary integral collection of saddle staples in the form of a strip of predetermined length of saddle material, carrying a predetermined number of staples the saddles of which have weak separable connections between them.



2,127,666

CLASP FOR GARMENT SUPPORTERS

John Robie Parker, Toronto, Ontario, Canada, assignor to Fred Page Higgins, Toronto, Ontario, Canada

Application August 25, 1936, Serial No. 97,809
1 Claim. (Cl. 24—245)



A clasp for a garment supporter, comprising in combination a rigid keeper having an elongated stud opening of reduced width towards its lower end, a transversely recessed flexible tab interlocking at one end with said keeper above said stud opening and extending downwardly below said keeper, and an elongated flexible stud of substantially even depth throughout carried by said tab adapted for cooperation with said keeper and in the closed condition of the clasp extending upwardly within said opening whereby to provide a filler therefor, said stud being provided with incisions in the upper surface thereof.

2,127,667

FLOAT CONSTRUCTION

Charles T. Pflueger, Akron, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a corporation of Ohio

Application March 20, 1937, Serial No. 132,112
2 Claims. (Cl. 43—49)

1. In a float construction for fishing, a stick and a clip for attachment of the line secured to the end of the stick, said clip having an eye



extending beyond the end of the stick and a second eye spaced therefrom and disposed laterally of the stick, the second eye being bent outwardly from the stick so that the line may pass through the eye or be looped under the eye, the second eye being sufficiently yielding to pinch the line between it and the stick.

2,127,668

HIGH TENSILE STRENGTH WAX

Elmer Wade Adams, Hammond, Ind., and Frederick H. MacLaren, Calumet City, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana

No Drawing. Application April 19, 1934, Serial No. 721,352
9 Claims. (Cl. 196—17)

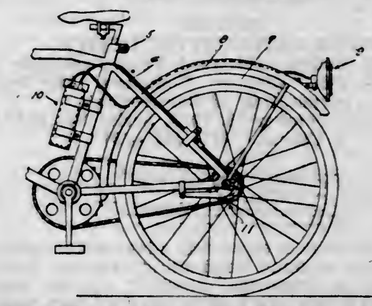
4. A petroleum hydrocarbon wax of high tensile strength comprising an admixture of paraffin wax and not more than about 10% of petrolatum wax having a melting point above about 145° F. and containing not more than about 10% of oil, said admixture of waxes having an oil content of not more than about 2%.

2,127,669

STOP LIGHT SWITCH

Ralph S. Adams, Charleston, W. Va.

Application February 18, 1937, Serial No. 126,481
1 Claim. (Cl. 200—52)



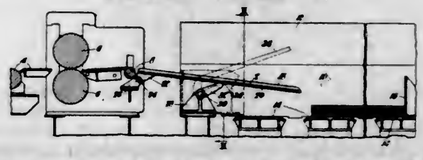
A switch structure comprising in combination a pair of coaster brake clutch members, a conductor ring on one of the said clutch members, and a contact on the other clutch member for riding engagement with said conductor ring when the clutch elements are brought together, the last-mentioned clutch member being provided with a radially extending bore opening through its periphery for receiving a conductor cable, said last-mentioned clutch element also formed with an axially extending bore meeting the inner end of the radial bore, and a plug of insulation in the axially disposed bore in which the contact is mounted.

2,127,670

DELIVERY SKID FOR PILING

Thomas Backus, Jr., Youngstown, Ohio

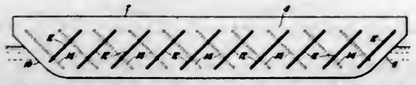
Application December 31, 1936, Serial No. 118,667
4 Claims. (Cl. 214—6)



3. Apparatus for piling metallic sheets or plates including, in combination, a delivery skid, means for delivering said sheets to said skid, a piler having upwardly extending side walls positioned at the outer end of said skid, said skid adapted

to extend between said side walls and cooperating therewith to position the sheets or plates on said piler, and means for adjusting the vertical position of at least the outer end of said skid between said side walls.

2,127,671
MEANS FOR PROTECTING THE SIDES OF CRAFT
Carl Alexander Baumann, Jr., Clairton, Pa.
Application November 13, 1936, Serial No. 110,761
3 Claims. (Cl. 114—219)



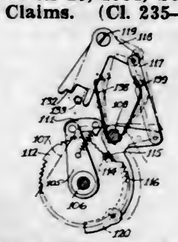
1. A craft having a series of elongated strips of protecting material projecting from its sides and arranged at an angle to the horizontal, the strips on one side being of such length and at such an angle as to intersect the projections of the strips from the other side so that when two or more of such craft having similarly positioned strips thereon are positioned alongside each other the strips of protecting material will necessarily contact with each other.

2,127,672
SOUND ATTENUATING DEVICE
Roland B. Bourne, Hartford, Conn., assignor to The Maxim Silencer Company, Hartford, Conn., a corporation of Connecticut
Application October 25, 1935, Serial No. 46,774
4 Claims. (Cl. 181—59)



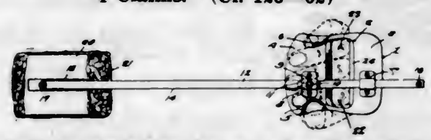
1. A sidebranch structure adapted for incorporation in a sound conducting channel which comprises a cylindrical shell, a conical shell telescoped within the cylindrical shell and joined thereto at one end, whereby a conical sidebranch is formed within the conical shell and a conico-annular sidebranch is formed between the conical and the cylindrical shells, both of said sidebranches being open at their larger ends, and an apertured plate partially closing the opening into the conico-annular sidebranch.

2,127,673
CALCULATING MACHINE
Raymond A. Christian, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application March 16, 1934, Serial No. 715,801
4 Claims. (Cl. 235—60)



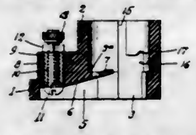
2. In a machine of the class described, the combination with an operating means and means to control the operating means, of means to predetermine the number of operations of the control means including an element settable from a normal position various extents to predetermine the number of operations of the control means, means operated by the operating means to move the element toward its normal position on each machine operation, a latch for the control means, means operated by said element when it is moved into its normal position for shifting the latch to lock the control means against operation and a detent for retaining the shifting means in operated position independently of the element, and means for operating the shifting means against the action of the detent, to release the latch so that the control means can be operated.

2,127,674
SPADE-HANDLE MASSAGING DEVICE
Dumont Clarke, Asheville, N. C.
Application July 2, 1937, Serial No. 151,742
4 Claims. (Cl. 128—62)



1. In a massaging device, a handle having an opening for the reception of the fingers of an operator, an arm, means associated with the handle for mounting the arm on the handle for longitudinal adjustment with respect to the handle, the arm extending across the opening, and a body engaging member assembled with the arm.

2,127,675
ELECTRIC BULB SOCKET
William J. Clements, Chicago, Ill., assignor to Clements Mfg. Co., Chicago, Ill., a corporation of Illinois
Application May 21, 1936, Serial No. 80,938
1 Claim. (Cl. 173—328)

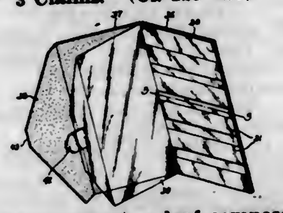


A socket for electric light bulbs including a support provided with a central aperture, a hollow cylindrical wall upstanding from the support and surrounding the aperture therein and defining a lamp base receiving socket, the inner surface of the socket and support aperture being provided with a continuous, longitudinal, open-ended groove adapted to receive a lug on a lamp base, rib members on the support extending radially of said socket, the under side of said support being recessed in line with said ribs, said recesses opening into the aperture of the support, a resilient contact in each of said recesses, each of said contacts having a free end terminating within said support aperture, an upwardly facing annular shoulder within the socket intermediate the ends of said longitudinal groove and adapted to limit inward movement of a lamp base placed in the socket, exposed terminal members penetrating the rib members and securing the contact members within the recesses with their free extremities above said annular shoulder for engagement with cooperating contact members carried by a lamp base, and a downwardly facing stop shoulder within said longitudinal groove, positioned to be engaged by said lug on the lamp base to limit upward movement of the lamp under the influence of said spring contact members.

2,127,676
PROCESS OF TEMPERING GOLD AND SILVER ALLOYS
Claude H. Coleman, Fairmead, Calif.
No Drawing. Application April 21, 1938, Serial No. 203,465
3 Claims. (Cl. 148—13.1)

1. The improved process of hardening an alloy consisting of gold ranging from 51% to 91%, copper from 40% to 8% and silver from 9% to 1%, which comprises the steps of first reducing the temperature of the alloy from a normal temperature which approximates average room temperature to at least the freezing temperature of water, then immersing the chilled alloy in a bath of tallow having a temperature of at least 380° F. and maintaining the alloy therein for at least 20 seconds, then immersing the alloy in a boiling soap solution for at least 20 seconds, removing the alloy from the soap solution, drying the same and allowing it to return to room temperature, and repeating the process as required to obtain a desired hardness, the reduction of the temperature of the alloy on the second and subsequent repetitions being to approximately −10° F.

2,127,677
STAMP DISPLAY MOUNT
Francis Eric Collin, Santa Monica, Calif., assignor to Alexander D. Gage, Pasadena, Calif.
Application January 13, 1936, Serial No. 58,809
3 Claims. (Cl. 129—20)



3. In a stamp mount, a leaf composed of stiff material, a sheet of transparent flexible material having a portion covering the front face of said leaf, said sheet being folded to provide a plurality of spaced apart, upwardly opening, pockets extending from one side of the leaf to the other, the said portion of said transparent sheet which covers the front face of said leaf being under tension, the side edges of said sheet being folded over onto the back of the leaf of stiff material, and means engaging the folded over edges of the sheet to hold said edges in position and to maintain the tension in the sheet.

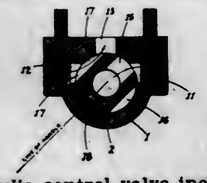
2,127,678
CUPRIFEROUS AZO DYESTUFFS
Detlef Delfs and Rudolf Knoche, Leverkusen I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 14, 1936, Serial No. 90,614. In Germany August 10, 1935
5 Claims. (Cl. 260—145)

1. Azo dyestuffs containing copper in a complex form of the general formula:

$$R_1\text{—}N{=}N\text{—}R_2\text{—}N{=}N\text{—}R_3\text{—}NH\text{—}CO\text{—}R_4\text{—}N{=}N\text{—}R_5\text{—}N{=}N\text{—}R_6$$
(Cu)

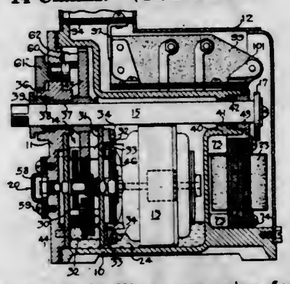
wherein R_1 represents a member selected from the group consisting of radicals of diazotization components of the benzene and naphthalene series, R_2 stands for a member selected from the group consisting of radicals of middle-components of the benzene and naphthalene series, R_3 stands for the radical of a middle component of the benzene series, R_4 stands for a radical of the benzene series, bearing the azo group in one of the positions meta and para to the carbonyl group, R_5 stands for a member selected from the group consisting of radicals of dihydroxy compounds of the benzene and naphthalene series, bearing the azo groups in ortho-positions to the hydroxy groups, and R_6 stands for the radical of a diazotization compound suitable for yielding azo dyestuffs capable of forming complex compounds, said azo dyestuffs yielding in general on vegetable fibers brown shades of good fastness to light.

2,127,679
HYDRAULIC CONTROL VALVE
Edward Clifford Dudley, Fresno, Calif.
Application April 28, 1937, Serial No. 139,370
1 Claim. (Cl. 251—108)



In a hydraulic control valve including a shell and a rotatable plug disposed therein, a radial by-pass port in the shell, a pair of feed ports in the shell, the radial by-pass port being disposed centrally between said feed ports and in the same plane transversely of the valve, and an axial supply port in the shell, the plug having a passage therein extending from the end adjacent the axial supply port to an opening in the side of the plug in the same plane as said by-pass port and feed ports, the plug also having a pair of transverse grooves cut in the face thereof in the plane of said opening and between which the opening is disposed; the ports in the shell and the opening and grooves in the plug being arranged so that when the plug opening is in register with the radial by-pass port, the feed ports will be closed, and when the plug is rotated a predetermined distance in one direction the plug opening will register with one feed port and one groove will establish communication between the other feed port and by-pass port.

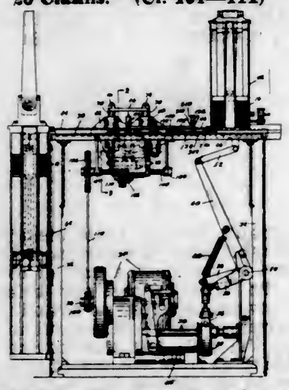
2,127,680
TEMPERATURE CONTROL MECHANISM
William H. Edmondson, Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application April 28, 1937, Serial No. 139,633
14 Claims. (Cl. 171—252)



1. Condition controlling apparatus for use with a condition responsive controller to regulate a condition changing device, said apparatus comprising a condenser motor including a motor unit and a condenser unit, a reduction gear train connected to said motor, mechanism including a switch for controlling the extent of movement of said motor, and a sealed housing containing oil and having a portion projecting from one side

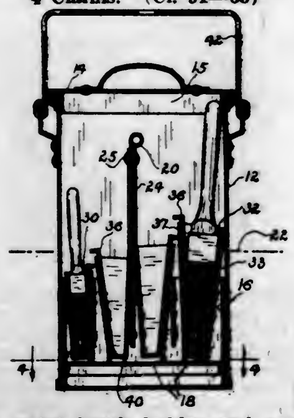
thereof, said motor unit and said reduction gear train being located in said housing and extending into said oil, said condenser unit being located outside of said casing beneath said projecting portion, and said mechanism for controlling the extent of movement of said motor being located on top of said casing and extending over said projecting portion.

2,127,681
CARD PERFORATING MACHINE
Roff Elliott, Watertown, Mass.
Application June 8, 1936, Serial No. 84,149
26 Claims. (Cl. 164—111)



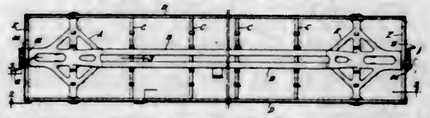
1. A card perforating machine adapted to form perforations in differently positioned perforation receiving zones, selected at will, of a stationary card, comprising a shiftable punch device positionable in register with the zones of said card selected at will, and a reciprocable punch operating member reciprocable into and out of operative relation with said punch device in any selected position thereof for effecting the operation thereof, said punch operating member being stationarily located with respect to the zone-selecting movements of said punch device, and said punch device being movable into any selected zone relatively to said punch operating member.

2,127,682
PAINT BRUSH HOLDER AND CONDITIONING DEVICE
Elmer T. Ewing, Auburn, Wash.
Application September 15, 1936, Serial No. 100,959
4 Claims. (Cl. 91—63)



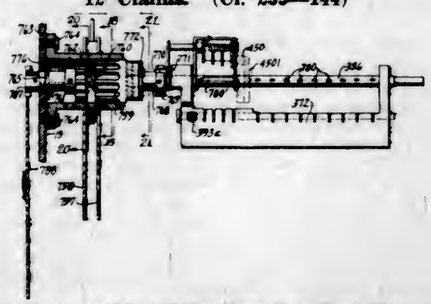
1. In a paint brush holder and conditioning device, the combination with a liquid-container and an interior, removable carrier having drain openings, of means for supporting a brush in upright position in the carrier, and means pivotally mounted on the carrier for co-action with the container to hold the carrier in elevated position within the container for drainage purposes.

2,127,683
CAR UNDERFRAME
John D. Fenstermacher, Piedmont, and Bowater B. Sumner, Burlingame, Calif.
Application March 12, 1935, Serial No. 10,696
2 Claims. (Cl. 105—415)



1. A car underframe comprising a cast metal end frame having a bolster integral therewith, side sills resting on and supported thereon, integral ribs formed on the bolster and holding the side sills against movement transverse to the side sills and said side sills having notched portions and projections on the bolster interfitted therewith for holding said sills against lengthwise movement.

2,127,684
CASH REGISTER
Charles W. Green, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Original application March 27, 1931, Serial No. 525,630. Divided and this application April 22, 1936, Serial No. 75,666
12 Claims. (Cl. 235—144)



1. In a machine of the class described, the combination of a main operating mechanism, a totalizer, a reset mechanism including a shaft supporting said totalizer, and means for actuating said shaft driven by said main operating mechanism and comprising a pair of gears, one of said gears being movable axially to shift a totalizer shaft and also movable rotatably to rotate the totalizer elements to zero.

2,127,685
WELDED JOINT
Gerald G. Greulich, Mount Lebanon, Pa.
Application July 30, 1936, Serial No. 93,482
1 Claim. (Cl. 113—112)

The method of butt welding metals having dissimilar thicknesses which consists in providing at least one of the edges of the metal having the least thickness with a diamond-shaped enlargement whose greatest thickness is substantially equal to the thickness of the other metal to which it is to be welded, the surface of the other metal being so shaped that a line contact is produced between the metals and provision is made for a



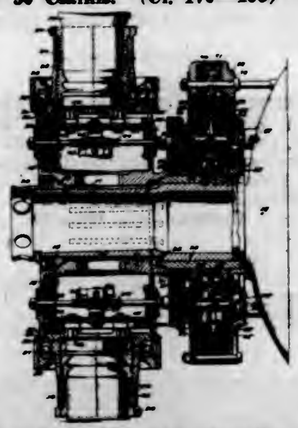
uniform heat absorption by both of said metals and welding said metals at the line of contact.

2,127,686
SNAP SWITCH
Clarence John Hathorn, St. Marys, Pa., assignor to The Stackpole Carbon Company, St. Marys, Pa., a corporation of Pennsylvania
Application January 7, 1937, Serial No. 119,375
7 Claims. (Cl. 200—67)



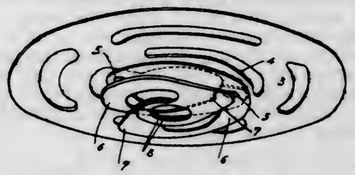
6. In an electrical switch, an electrical conducting bridging member having offset blade arms, a rectangular-like opening in the center of said bridging member, a pivot interfitting with said rectangular-like opening whereby said bridging member may oscillate or move in a linear direction, an integrally formed lever arm on said bridging member, the tip of said lever arm upturned, means to move said tip whereby the bridging member may be oscillated, and terminals arranged to be bridged by said bridging member.

2,127,687
PROPELLER
Spencer Heath, Elkridge, Md., assignor to The American Propeller Company, Baltimore, Md., a corporation of Maryland
Application April 23, 1930, Serial No. 446,629
30 Claims. (Cl. 170—163)



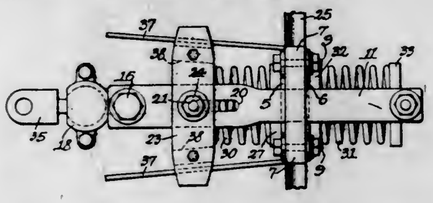
1. In a controllable pitch propeller having a plurality of blades, a normally stationary control member manually movable only, said member being movable to a desired pitch setting while the propeller is rotating, means for varying the pitch of said rotating blades, said means including mechanism for initiating operation of said pitch varying means after setting movement of said control member is completed, and means for rendering inoperative said pitch varying means when the pitch of said blades corresponds with the setting of said control member.

2,127,688
ANNULAR AUTOMATIC VALVE
Alfred Hoerbiger, Mauer, near Vienna, Austria
Application January 30, 1936, Serial No. 61,606
In Austria June 1, 1935
3 Claims. (Cl. 251—119)



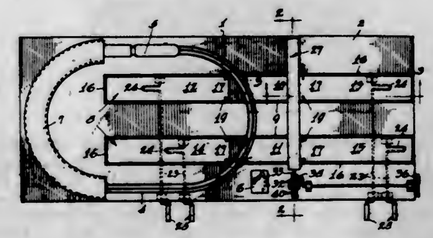
2. A device of the class described comprising a substantially annular valve plate, control means for said valve and carried thereby, said control means comprising at least two concentric and substantially helical members carried by the inner periphery of said valve and each of said members extending through an arc of more than 360°.

2,127,689
TRAILER HITCH
Levi R. Johnson, Worthington, Minn.
Application February 25, 1937, Serial No. 127,729
3 Claims. (Cl. 280—33.9)



1. A hitching device of the class described, comprising upper and lower bars, securing means for securing the hitching device to a power device and including plates, bars between the plates and adapted to hold the plates in spaced relation with each other, the latter bars having openings through which the first mentioned bars slide, coiled springs adapted to restrict movement of the first mentioned bars, and means for securing a trailer to the hitching device.

2,127,690
BARRIER FOR VEHICULAR TRAFFIC
Adrian S. Jones, Redwood City, Calif.
Original application December 28, 1936, Serial No. 117,692. Divided and this application May 26, 1937, Serial No. 144,815
2 Claims. (Cl. 104—164)



1. In an amusement device, a portable table top having a transverse recess, a barrier plate

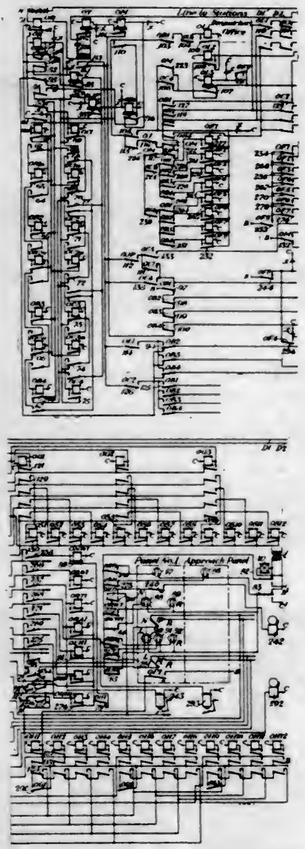
for forming a closure over the recess, strips hinged to the plate and to the wall of the recess for raising and lowering the plate when the strips are moved, one end of the plate extending beyond the strips when the plate is raised, an eccentric swingably mounted on the table top and being disposed to have said extended end of the plate project thereover when the plate is raised, a link connected to the eccentric and to one of the strips for raising and lowering the plate, the link being movable into the recess and substantially concealed by said extended end of the plate when the plate covers the recess, and a crank for operating the eccentric.

2,127,691

REMOTE CONTROLLING APPARATUS

Lloyd V. Lewis, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application June 25, 1929, Serial No. 373,675
100 Claims. (Cl. 246—5)



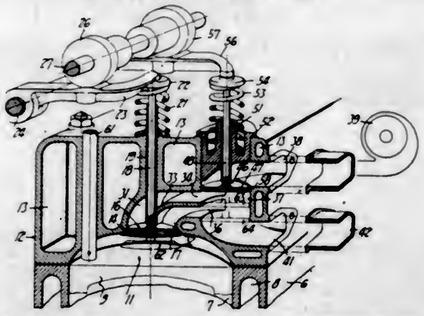
1. In combination with a line relay arranged at times to be repeatedly energized and de-energized, a chain of relays, a pick-up circuit for the first relay of said chain including a back contact of the line relay, a pick-up circuit for the second relay of the chain including a front contact of said line relay and a front contact of the first relay of the chain, pick-up circuits for each of the remaining relays of the chain each including a front contact of the preceding relay in the chain and a back contact of the second preceding relay in the chain and a contact of said line relay, and a stick circuit for each relay in the chain including a contact of said line relay.

2,127,692

ENGINE

Marcus Lothrop, Berkeley, Calif.

Application September 30, 1935, Serial No. 42,754
7 Claims. (Cl. 123—79)



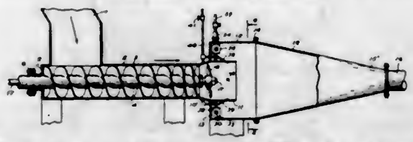
7. An engine comprising means forming a combustion chamber, means forming a bore, a conduit merging with said combustion chamber and communicating with said bore, a septum extending between said combustion chamber and said bore and dividing said conduit into an inlet passageway and an exhaust passageway, means defining an exhaust passage communicating with said bore, means defining an inlet passage communicating with said bore, a distributor reciprocable in said bore, means operating in time with said engine for moving said distributor to register with said septum, and means for establishing an air flow into said inlet passageway through said combustion chamber and out said exhaust passageway when said distributor registers with said septum.

2,127,693

PNEUMATIC CEMENT CONVEYER

William A. McCanless and Robert R. Henderson, Merced, Calif., assignors to Yosemite Portland Cement Corporation, Merced, Calif., a corporation of Delaware

Application April 16, 1937, Serial No. 137,261
7 Claims. (Cl. 302—50)



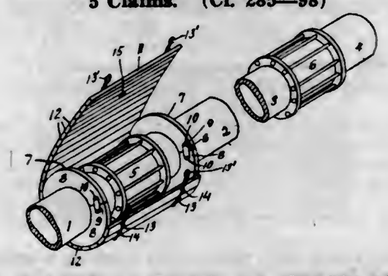
1. In a pneumatic conveyer of the character described, a screw conveyer operatively mounted in a casing and arranged for compacting at its discharge end pulverulent material received at the other end, an enlarged casing enclosing the discharge end of the screw conveyer communicating with a discharge pipe for conveying the material to the desired point, means for forcing a stream of compressed air from said enlarged casing directed generally toward said discharge pipe, a rotary propeller adjacent the discharge end of said screw conveyer arranged for ejecting material from the screw conveyer into said enlarged casing for taking up by said air stream, and means operable from without the casings for adjusting said propeller longitudinally of the screw conveyer to regulate its distance from the discharge end thereof.

2,127,694

PROTECTION OF PIPES

Stuart P. Miller, Scarsdale, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey

Application March 27, 1936, Serial No. 71,167
5 Claims. (Cl. 285—98)



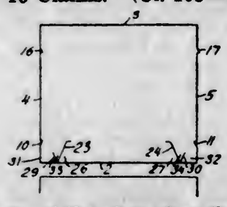
1. A housing comprising a plurality of slats having their outsides secured to a sheet of flexible felt base material and forming with said felt base an articulated member, a plurality of segmental end members adapted to form end closures for the housing, said articulated member being adapted to be wrapped about said end members and to form therewith a housing for the reception of protective material.

2,127,695

FLEXIBLE INTERLOCKING SHINGLE

Stuart P. Miller, Scarsdale, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey

Application July 21, 1936, Serial No. 91,716
16 Claims. (Cl. 108—7)



5. A shingle of the class described, comprising a body portion provided with a locking opening adapted to interlock, when the shingles are laid, with the locking opening of another similar shingle and a locking member having a portion adjacent and attached to the body portion of said shingle adapted to overlie a portion of an overlying shingle and a terminal portion adapted to underlie another portion of said overlying shingle.

9. An interlocking shingle adapted to be laid in overlapping and underlapping relation with other shingles, said shingle comprising a substantially rectangular body portion provided with upper and lower edges of substantially equal length, a plurality of locking portions lying substantially within the outline of said body portion, said locking portions being adapted to underlie a plurality of locking portions of an underlying shingle.

2,127,696

NUT AND METHOD OF MAKING SAME

Edward W. Mitchel, Detroit, Mich.

Application October 6, 1937, Serial No. 167,491
5 Claims. (Cl. 10—86)

1. A method of forming a nut consisting in forming an elongated planal body with a pair of ribs projecting outwardly from one face thereof and extending parallel to each other at opposite sides of the medial line of said body, severing therefrom, sufficient material to constitute a nut



body with the ribs extending across said body in parallel relation to each other, forming an opening in said nut body between said ribs and threading the same and pressing said ribs into arcuate form with the concavity of said ribs facing each other.

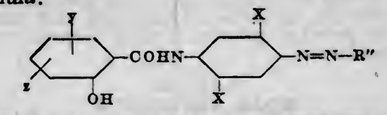
2,127,697

WATER-INSOLUBLE AZO DYESTUFFS

Heinrich Morschel, Leverkusen-Wiesdorf, Eugen Rimele, Leverkusen-I. G. Werk, and Felix Gund, Cologne, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application January 24, 1936, Serial No. 60,740. In Germany February 9, 1935
4 Claims. (Cl. 260—203)

1. Water-insoluble azo dyestuffs of the general formula:



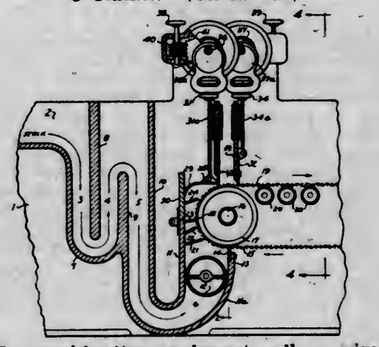
in which one X stands for an alkoxy group, the other X stands for a substituent selected from the group consisting of alkoxy, alkyl and halogen, y stands for a member selected from the group consisting of hydrogen, methyl and chlorine, z stands for a member selected from the group consisting of hydrogen and methyl, R'' stands for the radical of a 2,3-hydroxynaphthoic acid arylamide, yielding when produced on the fiber in general violet to blue shades of good fastness properties.

2,127,698

PAPER MAKING MACHINE

Nickolas J. Niks, Munising, Mich.

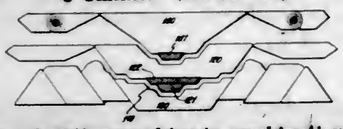
Application August 26, 1936, Serial No. 97,969
5 Claims. (Cl. 92—44)



1. In combination, a breast roll, a wire belt extending around said roll, at least one reach of said wire belt extending in a horizontal direction from said breast roll, means for conveying stock from a point below said breast roll including a passageway having one wall extending vertically

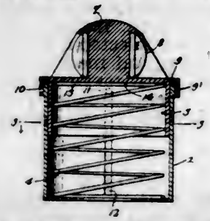
downwardly from a point adjacent the periphery of and substantially beneath the center of the breast roll, and a second vertical wall opposite said first vertical wall thereby defining a vertical portion of said passageway below said breast roll, said second wall extending upwardly to a point above the breast roll, and an adjustable substantially horizontal slice extending from a point above the breast roll to said second vertical wall.

2,127,699
KNITTING MACHINE
Ladislaus Robacynski, Brooklyn, N. Y.
Application January 22, 1937, Serial No. 121,806
3 Claims. (Cl. 66—63)



1. In a knitting machine in combination, a pair of cooperating needle beds, needles slidable in said needle beds and transferable from one to the other of the needle beds, needle jacks for operating said needles, needle jack pushers for operating said needle jacks, a carriage, a plurality of stationary cam blocks carried by said carriage and arranged to define two cam passageways one of which is forward of the other, and movable cam blocks in each of said cam passages, said movable cam blocks being extensible and retractable to vary the contour of their respective cam passageways.

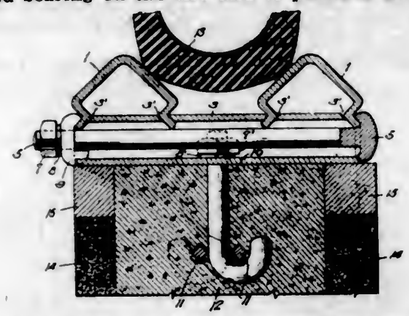
2,127,700
ROAD REFLECTOR
Harold J. Rosener, New Ulm, Minn.
Application July 3, 1937, Serial No. 151,932
1 Claim. (Cl. 40—125)



In a road reflector of the character specified, a cylindrical casing or housing formed in its inner surface with a vertical key-way, a hollow cylindrical piston mounted for vertical reciprocating movement in the casing, said piston formed with an upper semi-spherical or ball-like head normally exposed above the upper edge of the casing and provided on its outer surface with an outwardly projecting pin or stud working in said key-way, light reflectors carried by said semi-spherical head, a coil spring for normally supporting the piston in raised operative position, said spring arranged with its upper end closely fitting within the hollow body portion of the piston and its lower end bearing on the bottom of the casing or housing, and an interiorly threaded collar screwed on the upper end of the casing and formed with an inwardly extending beveled flange limiting the upward movement of the piston.

2,127,701
TRACK FOR HIGHWAYS
Emil Schmid, Washington, D. C.
Application March 9, 1937, Serial No. 129,925
5 Claims. (Cl. 238—4)

1. In a track for highways, a guide rail formed of two convergent downwardly inclined planar surfaces for supporting a resilient tire on its outer peripheral edges, a continuous open space between said surfaces enabling the central portion of the tire to yield to the pressure of the load bearing on the tire and to protrude down-



wardly in said open space, thus forming a wedge-like key between the inclined surfaces, for the purpose of holding the tire securely in its lateral position, and for the further purpose of checking any tendency of the tire to climb out of the guide rail while in motion.

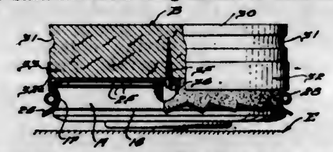
2,127,702
DECOLORIZING AND FILTERING AGENT
Richard W. Schmidt, Redondo Beach, Calif., assignor, by mesne assignments, to The Evanston Company, Los Angeles, Calif., a corporation of Nevada
No Drawing. Application February 19, 1935, Serial No. 7,261
9 Claims. (Cl. 252—2)

2. The method of producing a filter-aid having decolorizing properties which comprises: heating a powdered mixture consisting substantially of diatomaceous earth and woody material to a temperature sufficient to carbonize said woody material; thereafter contacting the carbonized product with a mild gaseous oxidizing agent until a desired decolorizing value is imparted to said product, and maintaining said product throughout said contacting step at a temperature materially higher than said carbonization temperature.

3. The method of producing a filter-aid having decolorizing properties which comprises: heating a powdered mixture consisting substantially of diatomaceous earth and woody material to a temperature sufficient to carbonize said woody material; and not substantially less than 600° centigrade; thereafter contacting the carbonized product with a mild gaseous oxidizing agent until a desired decolorizing value is imparted to said product, and maintaining said product throughout said contacting step at a temperature materially higher than 600° centigrade.

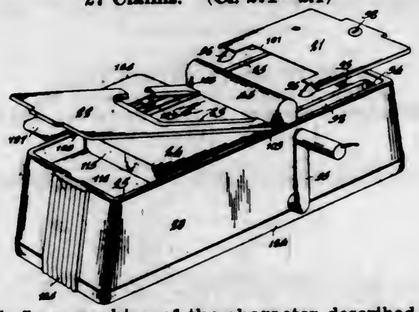
2,127,703
METHOD OF APPLYING ABRADING DISKS TO GRINDING OR POLISHING MACHINES
Victor G. Schwenke, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application November 30, 1936, Serial No. 113,320
1 Claim. (Cl. 51—197)

The method of applying an abrading disk or disks to an abrading head having a groove formed in its periphery, which comprises the steps of placing the disk or disks over the working face of the head, forcing an annular ring member down over the head to fold the edges of the disk down over said annular groove, simultaneously puncturing the center of said sheet, and thereafter shifting a ring-like binder device over the fact of said annular ring member and said head



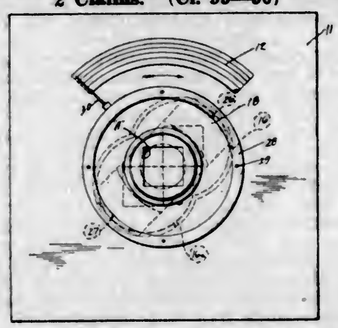
to anchor the same in position within the groove and bind the sheet to the head.

2,127,704
STRIP FEED MECHANISM FOR RECORD MACHINES
Joel F. Sheppard and Charles J. Manuel, Dover, N. H., and William A. Pringle, Niagara Falls, N. Y., assignors to American Sales Book Company, Inc., Niagara Falls, N. Y., a corporation of Delaware
Application April 4, 1935, Serial No. 14,664
27 Claims. (Cl. 271—2.4)



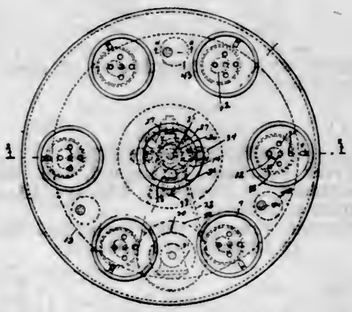
1. In a machine of the character described, in combination, strip feeding mechanism, means for operating said feeding mechanism in a main feed cycle, means for operating the feeding mechanism in a supplemental feed cycle to advance the strip a shorter distance than at the main cycle to adjust strip slack, means whereby said second mentioned operating means operates the feeding mechanism at the supplemental cycle to feed the strip at a less velocity than at the main cycle, and a positive stop device cooperating with the feeding mechanism for terminating the main feed cycle before beginning the supplemental cycle.

2,127,705
CAMERA SHUTTER
Grover C. Spicer, Lyndhurst, and Otto J. Lange, Fairview, Ohio
Application September 28, 1937, Serial No. 166,098
2 Claims. (Cl. 95—56)



1. A camera shutter comprising a fixed plate having a central opening and a diametrical guide groove across its inner face, a pair of overlapping blades both slidable radially in said groove, said blades having square openings the edges of which extend at 45° angles to the line of movement of the blades and which openings may be registered more or less with each other, and a cap plate rotatable on the fixed plate and enclosing the blades, said plate having a pair of intersecting eccentric circular grooves therein, the blades having pins engaged in said grooves.

2,127,706
COCKTAIL GLASS COOLER
Harry W. Talbot, San Francisco, Calif.
Application December 23, 1935, Serial No. 55,880
12 Claims. (Cl. 259—54)

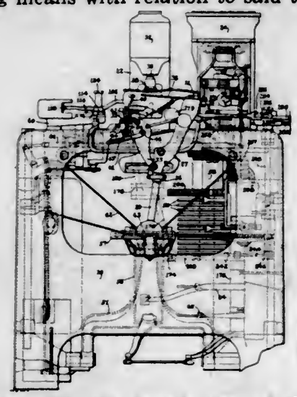


1. Apparatus for cooling drinking glasses by shaking ice around in them, comprising a casing having a top, means on said top for supporting the glasses upright with ice in them, a member below said top extending under the several glasses when in position, an electric motor in the casing, and cam means actuated by said motor for moving said member, horizontally in a generally elliptical path of travel while maintaining the glasses respectively substantially against rotation on their vertical axis, and connections between said member and said glasses whereby the latter are moved in separate, spaced, generally elliptical paths of travel of generally the same size and shape as the path of travel of the member.

2,127,707
MACHINE FOR OPERATING ON SHOES
Laurence E. Topham, Wenham, and Clyde L. Knott, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 6, 1937, Serial No. 129,458
21 Claims. (Cl. 12—17)

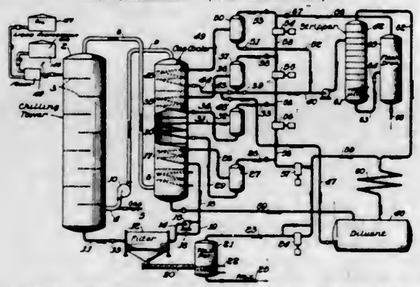
1. A machine for operating upon the bottom margin of a shoe having, in combination, means for operating upon a shoe, a shoe supporting jack, means for relatively moving the jack and operating means to transfer the point of operation about the shoe, a templet, a movable guiding device engaging the templet to relatively position the jack and operating means to locate the shoe laterally with relation to the line of feed at the point of operation, means for positioning the guiding device relatively to the operating means during the transfer of the point of operation about the shoe to cause the operating means to follow any one of a plurality of predetermined length size contour paths about the shoe, said positioning means having provision for

adjustment to vary the path followed by the operating means with relation to said templet in



accordance with the length size of shoe being operated upon.

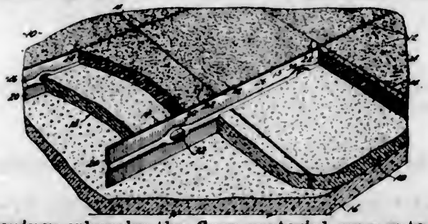
2,127,708
DEWAXING SYSTEM
Vanderveer Voorhees, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application June 30, 1934, Serial No. 733,271
12 Claims. (Cl. 196—18)



1. The process of dewaxing a wax bearing petroleum lubricating oil comprising dissolving the oil in liquefied hydrocarbon gas, continuously introducing the resulting solution, at a pressure in excess of its vapor pressure and a temperature sufficient to retain substantially all the wax in solution, into a chamber where it is brought into countercurrent contact with a current of an inert gas maintained at a pressure substantially equal to or above the vapor pressure of the entering oil solution and precooled to a temperature approximating that desired for the oil treated, controlling the volume of the gas contacted with the solution so that the temperature of the solution is reduced partly by evaporation of diluent to a point where substantially all the wax contained therein is crystallized, filtering the wax from the cold slurry of wax, oil and liquefied gas, and employing the refrigerating effect of the resulting filtrate to cool the said gas before contacting with the oil solution.

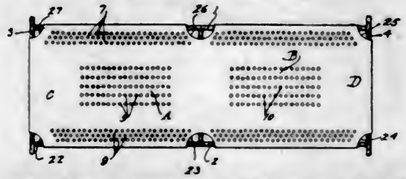
2,127,709
DIVIDING BAR
Samuel C. Awbrey, Kansas City, Mo.
Application January 18, 1937, Serial No. 121,144
4 Claims. (Cl. 94—17)

1. A dividing bar for terrazzo and like floors comprising a sheet metal bar of uniform width, having uninterrupted, parallel, straight edges; said bar being formed to present a centrally disposed longitudinal rib at one of its sides and a corresponding longitudinal groove in the other side thereof, said rib having enlargements at equally spaced-apart intervals, provided with



openings whereby the floor material may extend therethrough, said rib being so formed and reinforced throughout its entire length as to present uniform resistance to a binding force, whereby the bar will naturally take a regular arcuate form when bowed transversely.

2,127,710
FURNITURE CONSTRUCTION
Ralph B. Baker, Mount Prospect, Ill.
Application February 1, 1937, Serial No. 123,329
1 Claim. (Cl. 5—186)

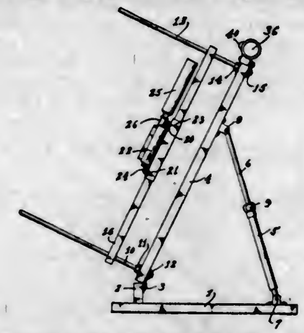


A one-piece bottom for a bed or the like, said bottom comprising an elongated and substantially continuous and imperforate sheet of elastic material provided with two groups of longitudinally extending and parallel inner rows of holes disposed about the longitudinal axis of the sheet and with the groups disposed to leave substantial areas of imperforate material between the groups and between each group and an adjacent end of the sheet, said sheet being also provided with longitudinally extending parallel outer rows of holes disposed adjacent each longitudinal margin of the sheet and spaced from said two groups to leave an imperforate strip of the sheet between said two groups and said outer rows.

2,127,711
HOLDER FOR PROOFREADING
Arthur J. Baldauf, Highland Park, Ill.
Application May 2, 1936, Serial No. 77,525
1 Claim. (Cl. 88—39)

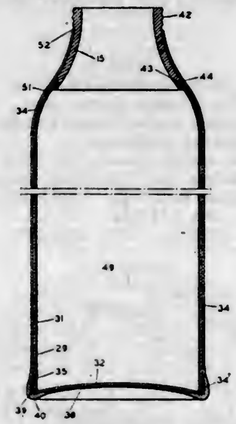
A proof-reader's work support including a base adapted to rest on a horizontal surface and a flat bed hinged to said base for angular adjustment to convenient inclined position; means for securing said bed in angular adjustment; posts perpendicular to said bed secured thereto adjacent the two corners of one side margin of the bed; a bar slidable on said posts in parallel relation to said bed; means for securing said bar in desired position on said posts; a slide movable along said bar and having extended bearing engagement therewith; two rods secured at similar ends to said slide and extending across said bed from side to side thereof and parallel thereto and with their other ends free and unsupported; and a carriage slidable along said rods for supporting a

magnifying glass and having a part encircling one of said rods; a magnifying glass in said carriage; the construction being such that when the bed is in inclined position the weight of the glass,



carriage and rods will tend to tilt the slide with respect to said bar to frictionally lock the slide to the bar, and the weight of the carriage and glass will tend to tilt the carriage with respect to the rods to frictionally lock the carriage to the rods.

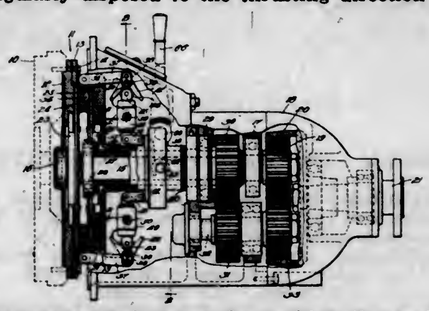
2,127,712
HIGH PRESSURE TANK
Blasius Bart, East Orange, N. J.
Application December 5, 1934, Serial No. 756,041
2 Claims. (Cl. 220—3)



2. A tank comprising a preformed collar having a groove in its external periphery adjacent its lower end, and a multiple layer shell of metal, with an inner layer having its upper edge inset in said groove, and an outer layer projecting above the groove and enclosing the lower portion of the collar.

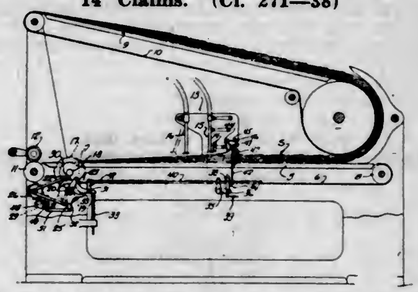
2,127,713
CLUTCH MECHANISM
Percy H. Batten and Henry J. Dunkelow, Racine, Wis., assignors to Twin Disc Clutch Company, Racine, Wis., a corporation of Wisconsin
Application May 21, 1937, Serial No. 143,877
14 Claims. (Cl. 192—48)

1. In clutch mechanism, the combination of clutch devices connected to separate rotary parts, a clamping member connected to one of the devices and shiftable to drivably connect both devices, a lever pivoted on one of the devices and connected to the member, spring actuated means rockable on the last-named device and engageable with an arm of the lever, the arm being angularly disposed to the thrusting direction of



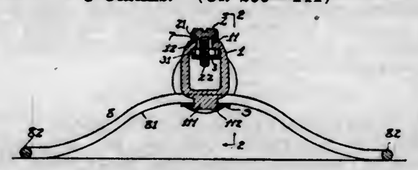
the means, and means for rocking the spring actuated means to thereby move the lever and shift the member to engage the devices.

2,127,714
SHEET FEEDING MACHINE
Frank R. Belluche, Racine, Wis.
Application October 28, 1937, Serial No. 171,508
14 Claims. (Cl. 271—38)



1. In a sheet feeding machine of the continuous type having a feed board to support a bank of sheets, separating and forwarding mechanism operable on the topmost sheet, and means for advancing the bank of sheets over the board: intermittent drive mechanism for said sheet advancing means to properly position the topmost sheet with respect to the separating and forwarding mechanism, said sheet advancing means being operable throughout a complete cycle of the machine so that the advance of the bank of sheets to the separating and forwarding mechanism is substantially continuous.

2,127,715
SPRAY HEAD
Ernest N. Bonner, Detroit, Mich.
Application January 23, 1937, Serial No. 122,086
3 Claims. (Cl. 299—141)



1. A spray head comprising a hollow body provided with means for connection to a supply pipe and having in its upper wall an externally countersunk opening, a washer having a similar opening and having its underside bevelled to fit the

countersunk portion of the opening in the body, and a screw having a shank of less diameter than said openings, the said shank extending through said openings into said body and being secured in position by screw means, the head of said screw being bevelled upon its underside to fit the countersunk portion of said washer and the undersides of said washer and said screw having each a series of radial grooves therein.

2,127,716

PROCESS OF HYDROGENATING FATTY ACIDS

Otto Brücke, Hochspeyer, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York

No Drawing. Application May 8, 1936, Serial No. 78,639. In Germany May 24, 1935
7 Claims. (Cl. 260—409)

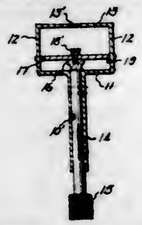
1. A process for hydrogenating free fatty acids without increasing the amount of completely saturated fatty acids substantially which comprises treating a mixture consisting principally of free fatty acids having one, two, three and more than three unsaturated linkages with hydrogen in the presence of a catalyst at a temperature of about 80° C. to about 130° C. at a pressure of about 25 atmospheres of hydrogen until free fatty acids having three or more unsaturated linkages are converted into free fatty acids having one and two unsaturated linkages without substantial increase of fully saturated free fatty acids.

2,127,717

RAZOR

Roy B. Bryant, Dallas, Tex.

Application July 14, 1936, Serial No. 90,582
6 Claims. (Cl. 30—72)



4. A razor including, a tubular handle, an offset arm extending upwardly from the handle, a stationary clamping member carried by the upper end of said arm, a movable clamping member adapted to move into engagement with the stationary member to clamp a cutting blade therebetween, a rod slidable within the handle and having the movable member attached thereto, said attachment permitting the rod to undergo rotation with relation to said member, threaded means on the upper end of the rod above the movable clamping member for engaging the stationary member to clamp the same together, and an offset arm having its upper end secured to the movable member and having its lower end slidable on the rod for guiding the movement of the movable member.

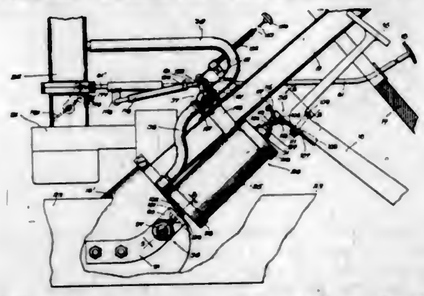
2,127,718

FREEWHEELING MECHANISM

William P. Dalrymple, Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application May 4, 1931, Serial No. 534,761
2 Claims. (Cl. 192—.01)

1. In automobile clutch control mechanism, the combination with a clutch control member, an intake manifold, a throttle valve cooperating therewith, a throttle arm for moving said valve, and an accelerator rod adapted to actuate said throttle arm, of a pneumatically operating power unit comprising a chamber and a cooperating movable member, means operatively connecting said power unit with said clutch control member, means for transmitting suction from said intake manifold to said power unit, a valve adapted to control the transmission of suction, a valve actu-



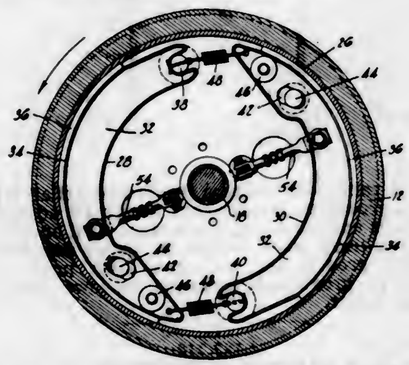
ating device therefor, and a member pivotally mounted on said throttle arm to swing relatively thereto and operatively connected with said accelerator rod and with said valve actuating device whereby initial movement of said accelerator rod in one direction moves said member relatively to said throttle arm to move said valve actuating device, and thereafter transmits motion to said throttle arm for opening said throttle valve.

2,127,719

CLUTCH MECHANISM

Adiel Y. Dodge, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Original application March 14, 1932, Serial No. 598,855. Patent No. 2,087,968, dated July 27, 1937. Divided and this application May 10, 1937, Serial No. 141,704
2 Claims. (Cl. 192—77)



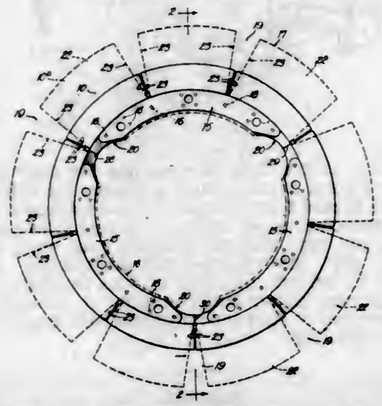
1. A clutch comprising a driving member, a hollow flywheel secured thereto, a dust plate secured to the flange of the flywheel, a driven member, a drum on the driven member arranged coaxially within the flywheel, anchors on the dust plate, friction members pivoted on the anchors, and movable by centrifugal force into drum engagement, means assisting the centrifugal force, and yieldable means for counteracting the centrifugal force imparted to the friction members.

2,127,720

METHOD OF FORMING CONE CLUTCH MEMBERS

Clarence M. Eason, Waukesha, Wis., assignor to Industrial Clutch Company, a corporation of Wisconsin

Original applications May 27, 1935, Serial No. 23,558, now Patent No. 2,090,411, dated August 17, 1937, and August 29, 1935, Serial No. 38,368, now Patent No. 2,059,935, dated November 3, 1936. Divided and this application July 16, 1936, Serial No. 90,932
8 Claims. (Cl. 29—159)



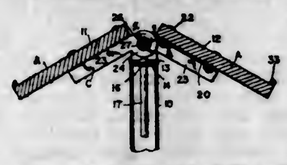
1. The method of forming a cone clutch member which comprises forming a flat blank to the desired configuration, forming in said blank circumferentially spaced notches which open from the outer periphery of the blank and extend inwardly to positions spaced inwardly from the outer periphery of the blank, securing separate friction facings preferably of high unit pressure capacity upon the portions of the blank between said notches and in proximity to the outer margin of the blank while the blank is flat, and thereafter folding and forming the segmental margin portions of the blank between said notches into the form of a cone rim.

2,127,721

ADJUSTABLE DISPLAY RACK SHELF AND MOUNTING THEREFOR

Ernest R. Erickson, Des Moines, Iowa, assignor to C. E. Erickson Company, Inc., Des Moines, Iowa, a corporation of Iowa

Application January 26, 1937, Serial No. 122,405
3 Claims. (Cl. 211—150)



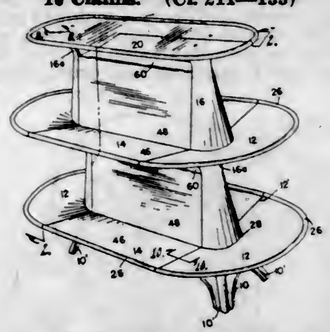
1. In a structure of the kind described, a pair of upright tubular posts, a plate on the upper end of each post having a countersunk portion projected into the post, each plate being adapted to be locked to its post, each plate having an upright flange, the flanges of the respective plates being substantially parallel with each other, a pair of shelves, brackets on the shelves having disc-like portions, and means for locking the disc-like portions of the brackets to the flanges of said plates.

2,127,722

DISPLAY RACK

Ernest R. Erickson, Des Moines, Iowa, assignor to C. E. Erickson Company, Inc., Des Moines, Iowa, a corporation of Iowa

Application April 27, 1937, Serial No. 139,224
10 Claims. (Cl. 211—135)



1. In a partial assembly for a rack, a supporting member, a shelf member and an upright member having adjacent coacting, successively overlying flanges and means for securing the flanges together, a second similar partial assembly, the edges of the shelf and upright members being backturned, spaced combined shelf and upright members interposed between the partial members, having backturned flanges at their ends and channel shaped clips receiving the backturned flanges for locking together the partial assemblies and the combined shelf and upright members.

2,127,723

TORCH

Arthur J. Fausek and Irwing F. Fausek, Clayton, Mo.

Application September 7, 1935, Serial No. 39,525
5 Claims. (Cl. 158—27.4)



1. A torch of the class described provided with passageways formed therethrough for passage of oxygen and fuel gas to the nozzle of the torch, cut-off means carried by the torch for temporarily interrupting passage of oxygen and fuel gas through said passageways to the nozzle of the torch, and electrical means associated with the torch for re-igniting said torch after the flame thereof has been extinguished by operation of the cut-off means, operation of said re-igniting means being controlled by actuation of said cut-off means and said electrical means including an electrical circuit which is grounded to the torch and which includes a block of metal against which the nozzle of the torch may be rubbed to produce sparks.

2,127,724

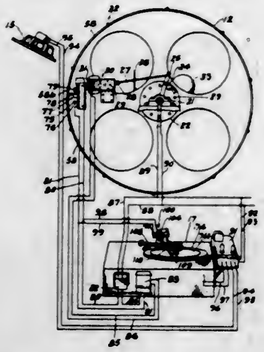
LOBBY DISPLAY MACHINE

Herman J. Fowler, Los Angeles, Calif., assignor to Photo-Vox, Inc., a corporation of Illinois

Application May 11, 1936, Serial No. 79,067
3 Claims. (Cl. 40—28)

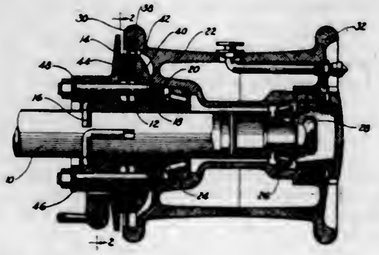
1. In an apparatus of the character described, supporting means, a drum rotatably mounted thereon, a series of pictures mounted on said drum, a motor, means operatively connected with

said drum to rotate the same in a step by step manner with intervening rest periods to bring said pictures successively into a display position, a phonograph having a record disk whereon is recorded matter descriptive of said series of pictures whereby said pictures are described according to the sequence in which they are displayed by the rotation of said drum, a motor to rotate the record disk of said phonograph, circuit controlling means to open and close a circuit through the motor which operates said drum, a mercury



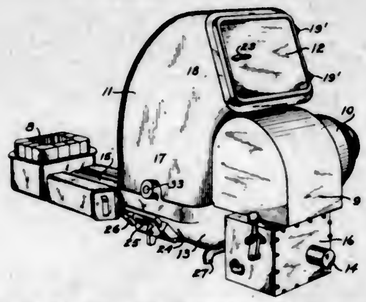
switch which forms a part of said circuit controlling means, and which is pivotally mounted to gravitate from the closed to the open position, there being an operative connection between said mercury switch and the stylus carrying arm of said phonograph whereby, when said arm returns to the outside of the record disk said mercury switch is operated to cause renewed rotation of said drum thereby to synchronize the step by step rotation of said drum with the audible descriptions given by said record disk of the individual pictures being displayed.

2,127,725
BRAKE
Frederick C. Frank, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 11, 1932, Serial No. 598,252
7 Claims. (Cl. 188—18)



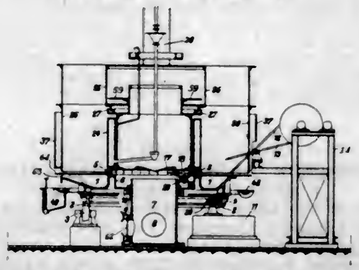
1. A brake structure comprising a fixed member having a circumferential flange having a friction face thereon, a member having a second friction face axially movable on said fixed member, means extending longitudinally through said fixed member and secured to said axially movable member at one end, an annular thrust member secured to said means at the other end, and actuating means pivoted on said fixed member and engaging said thrust member.

2,127,726
STOKER
John Goetz, Wauwatosa, Wis.
Application October 3, 1936, Serial No. 103,880
11 Claims. (Cl. 198—64)



1. In a stoker, feed mechanism for delivering fuel to a place of utilization, a hopper for delivering fuel to said feed mechanism and having a laterally directed upper wall and a fuel inlet opening at one side thereof beneath said wall, and means for interchangeably positioning said hopper to permit injection of fuel through said inlet opening either longitudinally or laterally of the direction of fuel delivery from said hopper by said mechanism.

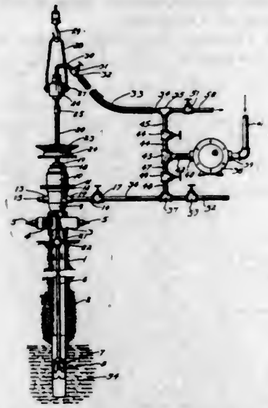
2,127,727
ROTARY HEARTH FURNACE
Kurt R. Göhre, Jakob Schwalb, and Paul Speichert, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application April 13, 1937, Serial No. 136,576
In Germany September 7, 1935
18 Claims. (Cl. 266—20)



1. A rotary hearth furnace for the production of lead from sulphide ores comprising an annular rotary hearth, a stationary hood above said hearth, said hood extending close to the outer rim of the hearth, a windbox in the center of the hearth, a plurality of nozzles operatively associated with said windbox and opening on to the hearth, rabble arms extending through said hood to said hearth, and means for intermittently and successively controlling the passage of air through said nozzles.

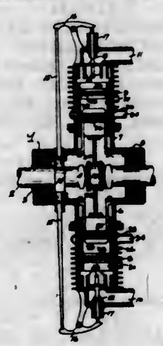
2,127,728
METHOD OF AND APPARATUS FOR COMPLETING WELLS UNDER PRESSURE
Claude B. Grant, Muskogee, Okla., assignor to Fred G. Beckman, Muskogee, Okla.
Application December 7, 1935, Serial No. 53,316
8 Claims. (Cl. 255—24)

1. The process of completing a well having a casing comprising lowering into said well a tubing having a rotary drilling tool on the lower end thereof, securing to the upper end of said tubing means for rotating the same, closing said casing about said means with a rotatable and slidable sealing connection therewith, rotating said tubing and tool while circulating washing fluid downwardly through said casing and upwardly through said tubing until the well is completed to remove the debris displaced by the drilling tool, drawing



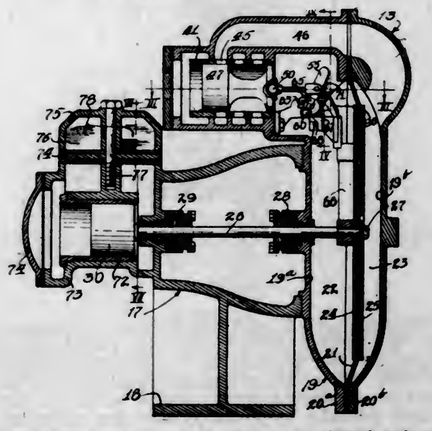
the tubing and tool upwardly upon completion of the drilling operation until the connection between the tubing and said means for rotating the tubing is just below the point at which the casing was closed about said means, closing the casing about said tubing just below said connection, opening the casing above said connection, closing the tubing adjacent said connection, removing the means for rotating the tubing, connecting flow lines to the tubing, and opening the tubing to flow the well.

2,127,729
INTERNAL COMBUSTION ENGINE
Lloyd L. Grant, Spokane, Wash.
Application July 20, 1936, Serial No. 91,485
2 Claims. (Cl. 123—50)



2. In an internal combustion engine, the combination with a pair of fixed, spaced axially alined cylinders each having air ports opening into their outer ends, of a pair of rigidly joined hollow pistons reciprocable in the cylinders, said pistons each having a depressed head forming a compression chamber at its outer end, a fixed abutment in the inner end of each piston, each abutment having a fuel inlet-port and a valve therefor, said abutments each having spaced supporting legs and one of said legs having a fuel-supply passage extending through the abutment to an inlet-port.

2,127,730
PROPORTIONING MOTOR
Lewis O. Gunderson, Chicago, Ill., assignor to Electro-Chemical Engineering Corporation, Chicago, Ill., a corporation of New Jersey
Application October 18, 1935, Serial No. 45,590
1 Claim. (Cl. 121—48)

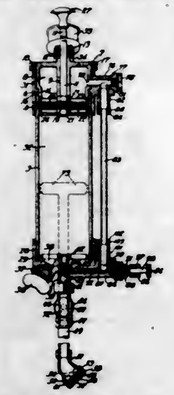


A water motor comprising a casing having a circular body portion and a dual cylindrical valve housing offset therefrom marginally thereof, a diaphragm dividing said body portion into two chambers each having passages communicating with the interior of said valve housing, open ended multi-ported sleeves within said valve housing opening into said passages, one of said sleeves having an inlet port and the other an outlet port, double piston-type valves reciprocally mounted within said sleeves for controlling said ports to build up pressure first on one side and then on the other side of said diaphragm, at least one open end of a sleeve acting as a conduit joining a chamber with a port during one position of a valve, a spring toggle mechanism connected to said valves to operate the same and means secured to said diaphragm for actuation of said mechanism to cause a positive throw of said valves and thus effect a pulsation of said diaphragm.

2,127,731
SPRAYING APPARATUS
Stanley A. Hayes, Berkeley, Calif.
Application December 14, 1936, Serial No. 115,673
2 Claims. (Cl. 299—85)

1. A spraying device of the character described comprising a cylindrical fluid-container chamber, a piston longitudinally movable within said chamber, a cap closing one end of said fluid-container chamber and having a cylindrical pressure chamber therein in axial alignment and in communication with the first mentioned chamber, a cap closing the other end of the fluid-container chamber, said last mentioned cap having a mixture conduit extending axially therethrough, a spray head connected with the discharge end of said mixture conduit, a manually operable valve controlling the passage of fluid to said spray head, a nozzle having an enlarged portion filling the end of the mixture conduit adjacent the fluid-container chamber and having a reduced exten-

sion of less exterior diameter than the diameter of said mixture conduit, a passage through the enlarged portion and reduced extension of said nozzle for conducting fluid from said fluid-container chamber into said mixture conduit, said second cap also having a laterally disposed conduit intersecting and communicating with the mixture conduit between the wall of said last



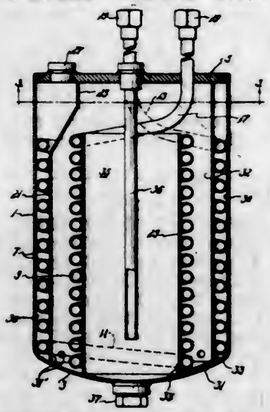
mentioned conduit and the reduced extension of said nozzle at a position between the fluid-container chamber and the valve, means for conducting fluid from the pressure chamber into said laterally disposed conduit, and a metering valve in said laterally disposed conduit for controlling the flow of fluid through the last mentioned conduit to the mixture conduit.

2,127,732

REFRIGERATING APPARATUS

Edward Heitman, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland

Application May 31, 1935, Serial No. 24,317
2 Claims. (Cl. 257—205)



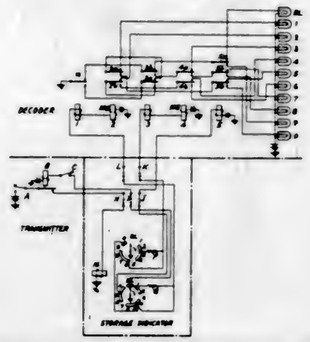
2. In combination in a fluid cooler a pair of cylindrical baffle sleeves disposed in spaced concentric relation, refrigerant evaporating conduit means coiled helically about the outer surface of each of said baffle sleeves and connected in series relation, a tank casing disposed in snug fitting relation over the conduit means coiled on the outermost sleeve, and abutting adjacent ends of the baffle sleeves, a cover plate on said casing abutting the opposite end of one of said baffle sleeves, inlet and outlet conduit means opening into the space in said tank casing for circulating fluid in intimate heat exchange relation around said conduit coils.

2,127,733

CODING AND DECODING APPARATUS

John A. Herbst, River Vale, N. J., assignor to The Teleregister Corporation, New York, N. Y., a corporation of Delaware

Application October 26, 1932, Serial No. 639,548
3 Claims. (Cl. 177—353)



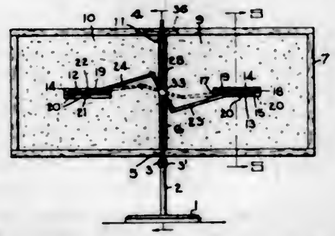
1. A system for transmitting price information regarding stocks or other commodities, comprising a settable device rotatable into different positions respectively corresponding to one of the digits 1 to 9 and 0 of said price, said settable device comprising two segmented distributor rings and two brushes respectively associated with said distributor rings for applying potentials to the segments thereof to transmit permutation code signals in accordance with the setting of the said device, a plurality of lines connected to said distributor rings, and means connected to said lines responsive to said permutation code signals for indicating the setting of the settable device.

2,127,734

FOCUSING DEVICE FOR AUTOMOBILE HEADLIGHTS

James Hill, Mitchell, Ontario, Canada

Application August 13, 1936, Serial No. 95,943
In Canada August 14, 1935
1 Claim. (Cl. 33—180)



In a headlight beam regulating device, a base, a central rod secured to the base, a vertically movable screen consisting of a framework and two panels, a central dividing bar from which the panels extend laterally, a block secured to the back of the screen and through which the central rod extends, a bolt extending through the

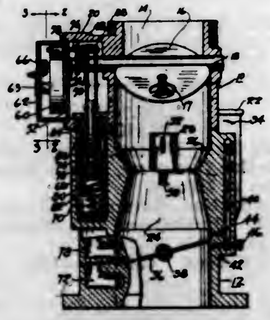
block on the central rod, a bolt extending through the dividing bar in front of the screen, a double arm swung on the latter bolt, slotted bars disposed at equal distances on the panel from the centre rod and provided with scales, bolts extending through the slotted bars to the back of the screen, arms connecting the bolts to the double arm and focal devices consisting of a bar secured centrally on the opposite ends of the bolts.

2,127,735

CARBURETOR

Scott F. Hunt, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application September 17, 1934, Serial No. 744,328
15 Claims. (Cl. 261—39)



9. In a carburetor having a main carbureting passage, a throttle valve, a choke valve having a spring pressed poppet relief valve, thermostatic means operably connected to the choke valve, a motor including a cylinder formed integral with the main carbureting passage, connecting means between the cylinder and the carbureting passage on either side of the throttle valve, a hollow spool-shaped piston slidably mounted within the cylinder, yielding means urging the piston to one extreme position, a vent in a portion of the piston operable to subject the interior of the piston and a portion of the cylinder to the pressure existing in the main carbureting passage posterior to the throttle valve, a portion of said piston being of reduced internal diameter, a hollow plunger slidable within said piston, a vent in a portion of the plunger designed to be closed under certain operating conditions by the portion of said piston of reduced internal diameter, and connecting means between said plunger and said choke valve whereby the motor influences the position of the choke valve and the thermostatic means influences the position of the piston whereby a charge of combustible mixture is bypassed beyond the throttle valve until the choke valve approaches substantially full open position.

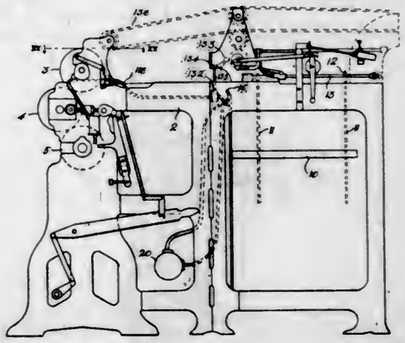
2,127,736

SHEET FEED MECHANISM

Joseph F. Jirousek, Cleveland, Ohio, assignor to The Chandler & Price Company, Cleveland, Ohio, a corporation of Ohio

Application May 3, 1935, Serial No. 19,688
12 Claims. (Cl. 271—31)

1. In apparatus of the character described, suction-means for lifting and forwarding a sheet from a stack, blast-heads adjacent the upper edge of the stack, blast-openings in said heads directed against the edge of the sheet, valve-means for controlling a blast through said blast-heads in timed relation with the operation of the



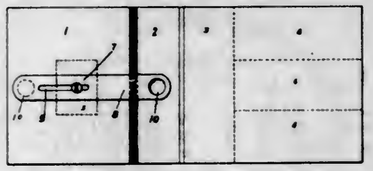
suction-means, and suction-means for further handling the forwarded sheet.

2,127,737

ADJUSTABLE BOOK STUB HOLDER

Stewart Paul Johnson, Passaic, N. J.

Application June 6, 1936, Serial No. 83,832
1 Claim. (Cl. 281—42)



In combination with a check book having check stubs and front and back covers therefor, of a holder for the stubs thereof, said holder comprising a plate in engagement with the outside of the front cover of said book, pivot means extending through said plate and through said front cover, a stub engaging member pivotally attached to said pivot means, said stub engaging member having a slot therein extending longitudinally thereof providing for lateral adjustment with respect to said pivot means, and said stub engaging member having offsets formed at the ends thereof for engagement with said stubs and said book cover.

2,127,738

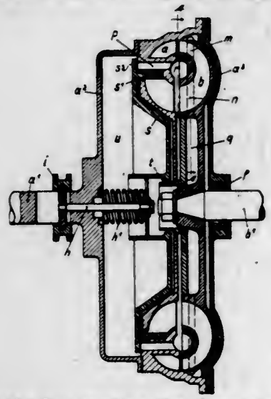
HYDRODYNAMIC FLUID COUPLING

Fritz Kugel, Heidenheim-on-the-Brenz, Germany

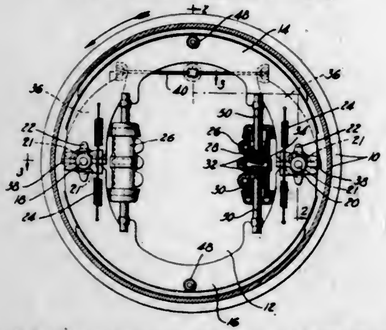
Application August 10, 1936, Serial No. 95,301
In Germany August 14, 1935
14 Claims. (Cl. 60—54)

1. In a hydraulic power transmitting device, a working chamber, a driving rotor and a driven rotor therein, and inclosing casing for said device additionally forming the outer wall of a rotatable reservoir connected to one of said rotors and extending substantially to the periphery thereof, a fluid passage extending from the peripheral region of said reservoir and running in an axial direction to said working chamber, and

a peripherally disposed valve member arranged adjacent said fluid passage and movable relatively thereto for varying the flow of fluid therethrough.



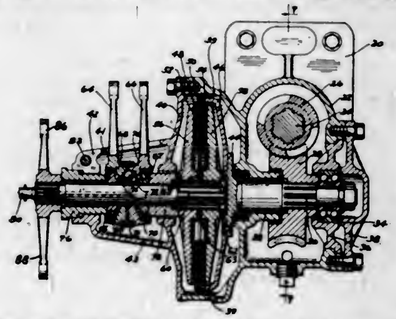
2,127,739
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application April 23, 1931, Serial No. 532,265. Divided and this application July 9, 1934, Serial No. 734,249
29 Claims. (Cl. 188—106)



1. A brake comprising a pair of shoes, a pair of fluid-pressure applying devices one adjacent and acting on each pair of shoe ends, a pair of mechanical-pressure applying devices one adjacent and acting on each pair of shoe ends, and means for applying balanced forces to said mechanical-pressure applying devices.

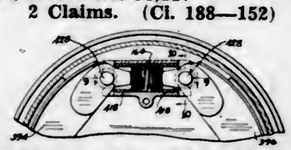
2,127,740
BRAKE
Ludger E. La Brie, Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application December 19, 1935, Serial No. 55,218
13 Claims. (Cl. 188—140)

1. In a mechanical servo power brake, a friction disc driven from an automotive vehicle drive shaft and rotatable therewith, a friction plate engageable with said friction disc, means for transmitting torque from said plate to wheel brakes including a coaxial shaft having levers at one end and said plate at the other, a pair of relatively rotatable control levers coaxially arranged with respect to said disc, plate and shaft and between said first named levers and plate, and means for causing relative axial movement between said control levers on relative rotation thereof to engage said disc and plate, means for operating one



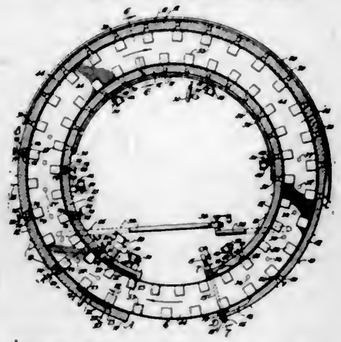
of the control levers, and means for permitting the other control lever to move in direct proportion to the rotation of said plate.

2,127,741
BRAKE
Ludger E. La Brie, Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application November 22, 1930, Serial No. 497,383. Divided and this application July 30, 1936, Serial No. 93,447
2 Claims. (Cl. 188—152)



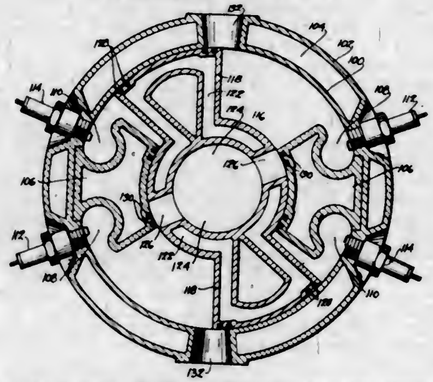
1. A brake comprising friction means having adjacent ends, a cylinder between said adjacent ends having transversely-notched ends and containing applying means acting on the friction means, and transverse anchor pins carried by the ends of the friction means and seated in the notches in the ends of the cylinder, said ends of the friction means having rigid extensions projecting beyond the anchor pins into the opposite ends of the cylinder and directly engaged by said applying means in the cylinder.

2,127,742
TUNNEL KILN
Lester L. Ladd, Lockport, Ill.
Application April 30, 1936, Serial No. 77,130
12 Claims. (Cl. 25—142)



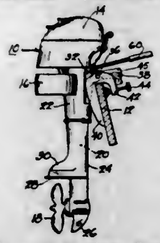
9. A tunnel kiln having a ware passage comprising a pre-heating zone, a cooling zone, and a firing zone between said pre-heating and cooling zones, said pre-heating zone having a longitudinal chamber in its roof and spaced ducts in the bottom wall of said chamber inclined downwardly away from the entrance end of said pre-heating zone and communicating with said passage, said cooling zone having a longitudinal chamber in its roof and spaced ducts in the bottom wall of said chamber inclined upwardly away from the exit end of said cooling zone and communicating with said passage, a ware conveyor movable through said passage, means for forcing air through said passage counter to the direction of travel of said conveyor, a pipe communicating at one end with said roof chamber of the cooling zone and at its other end with said roof chamber of the pre-heating zone, and a blower interposed in said pipe for moving hot air from said cooling zone to said pre-heating zone.

2,127,743
ENGINE
Owen C. Linthwaite, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application May 6, 1935, Serial No. 20,035
5 Claims. (Cl. 123—18)



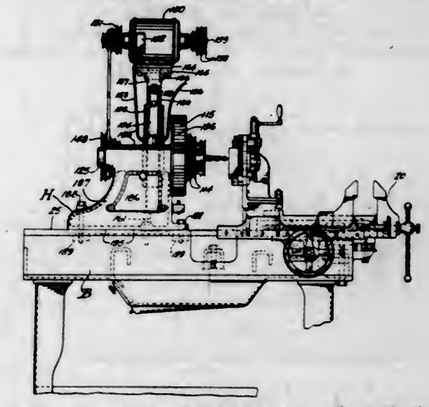
2. An engine having a cylinder, spaced arcuate-shaped hollow cylinder blocks having annular-shaped inner walls fixed in the walls of the cylinder, a plurality of spaced ports in said annular-shaped inner walls, pressure responsive valve members in the side walls of the arcuate-shaped cylinder blocks, a small cylinder forming a high pressure passage extending longitudinally through the first-named cylinder, a larger cylinder concentric with the small cylinder and forming a low pressure chamber intermediate said cylinders, spaced ports extending from the high pressure chamber through the low pressure chamber and directed toward the spaced ports in said annular-shaped inner walls of the cylinder blocks, exhaust ports through the walls of the first-named cylinder midway between the cylinder blocks, spaced ports in the walls of said larger cylinder directed toward the exhaust ports, a movable cylinder positioned between the larger cylinder and the cylinder blocks, a plurality of arcuate-shaped equally spaced blades fixed to the movable cylinder and adapted to oscillate in the first-named cylinder between the cylinder blocks, and means including ports extending through the movable cylinder to interconnect the high pressure passage with the spaced ports in the cylinder blocks and to interconnect low pressure chamber with the first-named cylinder between the side walls of the cylinder blocks and the blades.

2,127,744
OUTBOARD MOTOR
Owen C. Linthwaite, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application May 22, 1935, Serial No. 22,709
9 Claims. (Cl. 115—18)



1. In an outboard motor for a boat, a drive shaft, means including a bracket for turning the motor about an axis for steering, a resiliently mounted tiller for turning the motor about said axis for steering, and manually operable clamping means including spaced oppositely disposed conical resilient means interposed between the bracket and the motor for varying the resistance to steering movements.

2,127,745
HEADSTOCK FOR A GENERAL UTILITY MACHINE TOOL
Emil R. Lochman, Milwaukee, Wis.
Original application September 30, 1932, Serial No. 635,535. Divided and this application July 29, 1936, Serial No. 93,888
21 Claims. (Cl. 82—28)

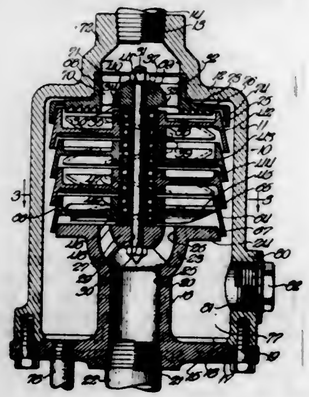


1. In a machine of the character described, the combination with a headstock standard having a telescopically extensible portion, of a spindle journaled in said standard, a motor carried by said portion, driving connections from the motor to the spindle, and a bed provided with a guideway upon which said standard is movable unitarily with said motor and connections.

2,127,746
SEPARATOR
Henry H. Logan, Chicago, Ill., assignor to Logan Engineering Co., Chicago, Ill., a corporation of Illinois
Application July 31, 1936, Serial No. 93,625
Renewed November 26, 1937
18 Claims. (Cl. 183—77)

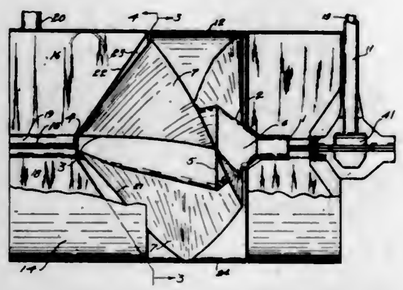
1. In a separator, the combination of a housing with a cover plate, said cover plate having a

standard and a plurality of rotors, each rotor having blades adapted to be engaged by a fluid medium to impel the rotors into rotation whereby liquid in the fluid medium is engaged by the blades of the rotors and thrown off centrifugally,



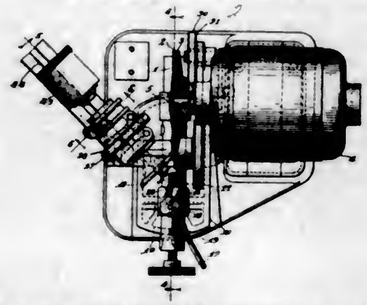
said rotors and cover plate being removable as a unit, said rotors being provided with a peripheral band adapted to act as a baffle to deflect liquid downward and outward, said baffles being frusto-conical in shape and overlapping baffles on adjacent rotors.

2,127,747
CURRENT MOTOR
John K. Luther, Granger, Wash.
Application July 30, 1934, Serial No. 737,608
1 Claim. (Cl. 170—168)



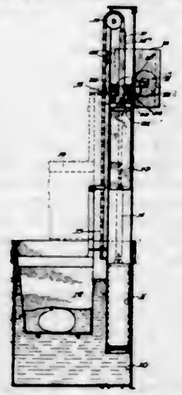
In a device of the class described, the combination of a shaft, a propeller hub disposed upon the shaft, such propeller hub having an enlarged head uniformly increasing in diameter from the leading end of the hub to form a frustacone and uniformly tapering from the maximum diameter of the head to form a frusto-conical trailing end, said leading end being of greater length than that of the trailing end, screw propeller blades spirally disposed about and secured to the hub, journal supports for the shaft, struts for supporting the journal supports, associated gear elements secured to the shaft to form a power take-off for the shaft, a plurality of bands disposed about the shaft, the central section of the band being secured to the outer periphery of the propeller blades and guide plates disposed in front of the propeller blades and secured to another one of the cylindrical bands.

2,127,748
VALVE GRINDING APPARATUS
Harry G. Miller, Denver, Colo.
Application June 14, 1934, Serial No. 730,574
Renewed December 28, 1937
6 Claims. (Cl. 51—105)



1. A grinding apparatus comprising rotatable grinding means having two coaxial grinding surfaces, each grinding surface having a surface of revolution generated by a substantially straight line generatrix, means for rotatably supporting the work, and means whereby the work support may be guided either to move the wheel-engaging portion of the work along a generatrix of one of said grinding surfaces or to move the wheel-engaging portion of the work along a generatrix of the other grinding surface, said guide means comprising means for mounting the work support to swing about an axis substantially tangential to the cutter at its portion of grinding contact with the work for shifting the work from one grinding surface to the other, and means for mounting the work support to swing about a second axis which is shiftable about said first axis, said second axis in one position being substantially perpendicular to a plane through said first axis and a generatrix of one of said grinding surfaces, and in another position being substantially perpendicular to a plane through said first axis and a generatrix of said other grinding surface.

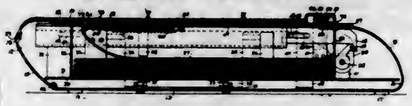
2,127,749
TIME CONTROLLED MECHANISM
John J. Noeth and Frederick E. Hummel, Chicago, Ill.
Application August 10, 1935, Serial No. 35,573
4 Claims. (Cl. 161—16)



1. A time controlled mechanism comprising a hollow standard with a sheave at its upper end,

a mounting plate beneath the sheave and at one side of the standard, having posts extending through an opening in said one side of and to the opposite side of the standard and secured removably to the standard by screws extending through the standard and into the posts, a device disposed outside of the standard and adapted to be raised automatically and lowered manually, a flexible connector extending over the sheave and having one end thereof connected to the device and its other end extending downwards into the standard, a toothed wheel disposed in the upper end of the standard beneath the sheave and mounted on the mounting plate for rotation on a fixed axis, a weight member vertically movable and guided in the standard, a vertically movable rack-member in the standard extending between and connected to the weight-member and said other end of the connector and adapted when the device is lowered and the weight-member is thus caused to be raised to be slid into engagement with the wheel and further adapted in response to drive of the wheel in one direction to be moved downwards until it is freed from the wheel and then to permit the weight-member to descend in the standard and cause the device automatically to raise, means for driving the toothed wheel in said one direction comprising an electric motor mounted on and disposed outside of the mounting plate, a switch for controlling the motor carried by the mounting plate on the outside thereof, and a movable switch controlling shoe in the standard mounted on the plate so that it is in the path of one of the members and is adapted when the device is lowered and the rack member is brought into engagement with the toothed wheel to be engaged by said member and moved into a position wherein it serves to close the switch and when said rack member is freed from the toothed wheel to become disengaged from said one member and to return automatically into a position wherein it serves to open the switch.

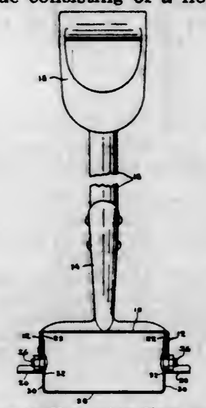
2,127,750
AUTOGRAPHIC REGISTER
William C. Pfeiffer, Dayton, Ohio, assignor to The Egry Register Company, Dayton, Ohio, a corporation of Ohio
Application February 5, 1936, Serial No. 62,462
10 Claims. (Cl. 282—21)



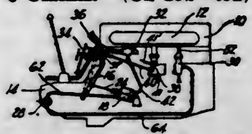
8. In an autographic register, a casing, a carrier in said casing for holding a plurality of zigzag folded paper webs, a movable table having an edge thereon adapted to guide said paper webs and to engage the folds thereof, said table being arranged to support said paper webs for writing thereon, a feeder on said table adapted during the motion thereof in one direction to engage and propel said paper webs and in another direction to disengage and release said paper webs, and a stationary member adapted to cooperate with said edge to free said folds from engagement therewith during the motion of said table in one direction.

2,127,751
SOD CUTTING TOOL
Emil H. Picha, St. Paul, Minn.
Application June 14, 1937, Serial No. 148,016
2 Claims. (Cl. 97—226)

1. A sod cutting tool comprising a frame member consisting of a substantially flat horizontal plate having lateral end portions extending downwardly to form vertical flanges, said flanges being perforated, an operating handle extending rearwardly from said frame, two gauges having upwardly extending flanges provided with perforations, a blade consisting of a horizontal member having upwardly extending vertical flanges, said member and flanges having sharpened edges and said flanges being perforated, and a bolt at each side of the device passing through the perforations of said frame flanges, gauge flanges and blade flanges respectively.



2,127,752
CLUTCH CONTROL MECHANISM
Harold W. Price and Earl R. Price, South Bend, Ind., assignors to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application May 31, 1935, Serial No. 24,305
6 Claims. (Cl. 192—.01)

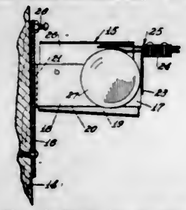


1. In an automotive vehicle provided with a transmission, an engine, and a clutch interconnecting the two, power means for controlling the operation of the clutch comprising a pressure differential operated motor, valve means for initiating the clutch disengaging and engaging operations of the motor, and a plurality of serially connected valves operated by the transmission and engine for controlling the clutch engaging operation of the motor.

2,127,753
TELLTALE DEVICE
Bruno Radtke, Chicago, Ill., assignor to Exhibit Supply Company, Chicago, Ill., a corporation of Illinois
Application November 14, 1936, Serial No. 110,835
7 Claims. (Cl. 200—52)

1. An anti-tilt device comprising a channel bracket having a horizontal bottom plate in which is formed a longitudinally extensive trough, means at one end of said trough providing a mounting member for said bracket, the latter having an end wall portion at the opposite end of said trough and opposite side wall portions between said mounting member and said end wall, a switch member mounted on said end wall above said trough and having an elongated flexible operating arm extending toward the center of the trough and substantially parallel therewith, and a ball member adapted to roll in said

trough into and out of position beneath said operating arm for substantially wedging engage-



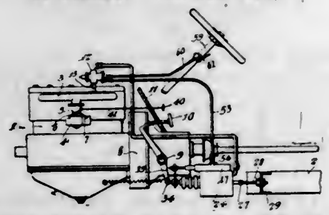
ment beneath the latter to move the same and operate said switch responsive to tilting of said bracket.

2,127,754

FREEWHEELING APPARATUS AND CLUTCH CONTROL

Clifton R. Roche, Los Angeles, Calif., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application February 24, 1931, Serial No. 517,862
19 Claims. (Cl. 192—.01)



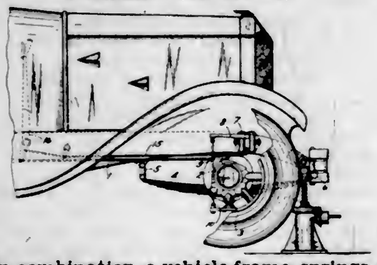
1. In an automobile having a clutch, the combination of a gas engine having an intake manifold of varying vacuum conditions, a pneumatic appliance, a connection from the intake manifold to the pneumatic appliance for controlling the latter, a spring actuated pneumatically controlled valve in said connection operating to open the connection when a relatively high partial vacuum is in the intake manifold, means connecting the pneumatic cylinder with the clutch to open the clutch, hand-operated means near the driver's position and operatable at will for pulling the spring actuated valve in a direction to oppose the force acting on the valve through the agency of the partial vacuum in the intake, to inhibit the action of the valve and enable the automobile to be driven at will without free wheeling or automatic clutch control.

2,127,755

HYDRAULIC LOCK FOR VEHICLE SPRINGS

Ralph H. Rosenberg, Grosse Pointe, Mich., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application November 1, 1932, Serial No. 640,626
2 Claims. (Cl. 188—2)



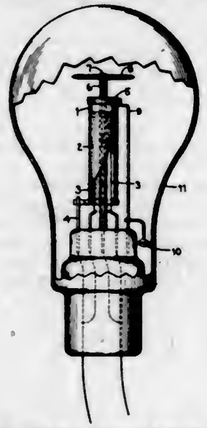
1. In combination, a vehicle frame, springs connected therewith, axle and wheel assemblies connected with the springs, shock absorbers mounted on the frame adjacent to each wheel and connected with the axle, a brake system for the wheels, and means connected with and operable upon operation of the brake system for locking the shock absorbers against substantial movement.

2,127,756

ELECTRIC LAMP

Samuel Ruben, New Rochelle, N. Y.

Application December 20, 1935, Serial No. 55,344
5 Claims. (Cl. 176—1)



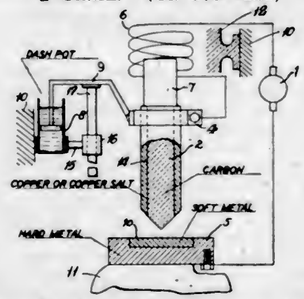
1. An electric lamp comprising an indirectly heated cathode and an incandescible anode consisting of a plate of a refractory metallic carbide opposite an end of the cathode and crossing the axis of the cathode, in an ionizing medium from a source consisting of an alloy of mercury and cadmium and having a pressure less than .001 mm. Hg at 20° C.

2,127,757

BEACON LIGHT

Peter Saracco, San Francisco, Calif., assignor of one-third to Charles Dannen, San Francisco, Calif., and one-third to William H. Brown, Palo Alto, Calif.

Application August 9, 1935, Serial No. 35,459
1 Claim. (Cl. 176—121)



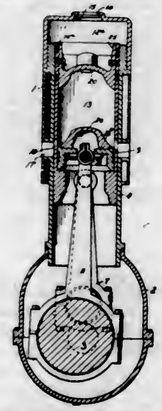
A beacon light comprising an open arc between a carboniferous electrode containing vaporizable metal imparting a characteristic color to said arc flame and a pool of molten and boiling metal open to the atmosphere, solid at atmospheric temperatures and maintained in liquid condition by the heat of the arc, a solid heat-resistant metal container for confining said molten metal in position to act as an electrode in said arc, said container being positioned so that no part thereof contacts said arc, and means for intermittently breaking the arc between said carboniferous electrode and said molten metal and re-making said arc before said molten metal solidifies.

2,127,758

INTERNAL COMBUSTION ENGINE

William L. Schmitz, Los Angeles, Calif.

Application January 4, 1936, Serial No. 57,533
15 Claims. (Cl. 123—50)



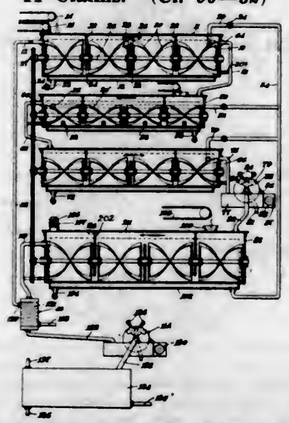
1. In an internal combustion engine, a cylinder, a piston slidable within said cylinder, a second piston slidable within the first piston, a crankshaft, and connecting rods from said pistons to the crankshaft, the cranks on said shaft being proportioned to impart substantially one-fourth the stroke of the first piston to the second piston, the angular relation of the cranks being arranged to cause the short stroke piston to follow substantially ninety degrees behind the long stroke piston.

2,127,759

METHOD OF AND APPARATUS FOR PRODUCING WORT OR THE LIKE

John F. Silhavy, Saginaw, Mich.

Application June 5, 1934, Serial No. 729,092
11 Claims. (Cl. 99—52)



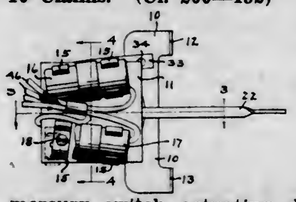
1. A process for the continuous production of beer wort, which comprises feeding water, malt, and cereals or the like, substantially continuously to a jacketed mash mixer where the materials fed in are mixed, discharging the mixture continuously, continuously filtering the solid materials from the liquid, running the liquid to a hops mixer where hops are added, boiling this mixture, discharging the hopped mixture, filtering off the hops without pre-cooling and then using the hot wort as a heating medium to be circulated thru the jackets of the mash mixer in counter-current flow whereby the wort is cooled.

2,127,760

SELECTIVE ACTUATOR FOR MERCURY SWITCHES

Joseph H. Staley, Columbus, Ind., assignor to Electric Switch Corporation, Columbus, Ind.

Application November 1, 1937, Serial No. 172,188
10 Claims. (Cl. 200—152)



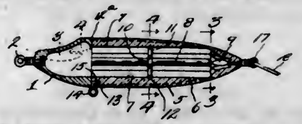
1. In a mercury switch actuating device, a switch carrier member, means rockably supporting said member, a cam member, an operating member, said cam member being shiftably mounted in relation to said operating member in a plurality of positions, and said operating member being shiftably mounted in relation to said carrier member in a plurality of positions, means interlocking said carrier member, cam and operating member in any one of the shiftable positions thereof, and biasing means cooperating with said cam member determining positions of rest of said carrier member.

2,127,761

FISH LURE

George Beck, Irvington, N. J.

Application December 29, 1937, Serial No. 182,325
11 Claims. (Cl. 43—46)



1. A fish lure comprising a chambered body formed from transparent material, magnifying reflecting members forming the inner wall of the body, and a reflecting member within the chamber of the body and from which reflected light rays pass through the magnifying reflecting members.

2,127,762

BATHTUB SEAT ATTACHMENT

George B. Bentz, New York, N. Y.

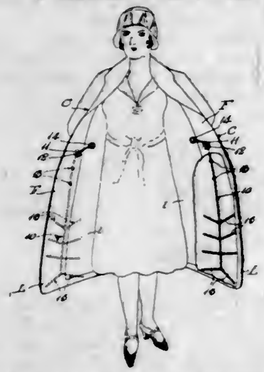
Application September 14, 1937, Serial No. 163,846
3 Claims. (Cl. 4—185)



1. A bathtub attachment comprising an elongated seat provided at its ends with rigidly at-

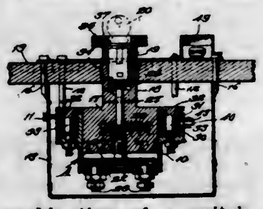
tached inherently rigid end plates which project vertically in at least one direction from said seat, said end plates being disposed in downwardly converging planes to abut the inner sides of the side walls of a bathtub and wedge tightly against the same.

2,127,763
GARMENT
George B. Bentz, New York, N. Y.
Application September 18, 1937, Serial No. 164,565
4 Claims. (Cl. 2—85)



1. In a long coat or similar garment, the front of which is divided vertically thereby subjecting the lower front corners of the garment to danger of dragging upon the floor when the wearer is in a sitting position with the garment open, and at other times, lifting cords connected with said lower front corners of the garment and extending upwardly therefrom, and garment-carried means for holding said lifting cords in elevated positions to hold said corners a safe distance from the floor; the greater portions of said lifting cords being disposed between the garment proper and the usual facings or lining thereof, the upper ends of said cords being disposed accessibly at the inner side of said facings or lining, said facings or lining being provided with openings through which said cords pass slidably.

2,127,764
SAFETY SWITCH
Lewis M. Browder, East Columbus, Ohio
Application February 26, 1936, Serial No. 65,911
2 Claims. (Cl. 200—44)

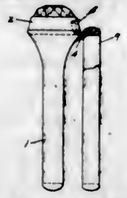


1. The combination of a switch, means for moving the switch to position for closing an electric circuit, key operated means for locking the switch open, a carrier block for the switch and including a fitting for the second-named means, means for locking the switch closed and including a socket in the carrier block and a pivoted lever having a bolt adapted to engage the socket, means for moving the bolt from the socket and including an arm, and means for automatically moving the switch to open position.

2,127,765
BLEACHING PULP
Ferri Casciani, Niagara Falls, N. Y., assignor to Niagara Alkali Company, Niagara Falls, N. Y., a corporation of New York
No Drawing. Application July 23, 1937, Serial No. 155,341
3 Claims. (Cl. 8—105)

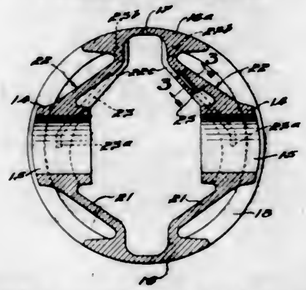
1. A method of bleaching pulp which comprises treating an aqueous pulp suspension containing not over approximately 4 per cent pulp, with free chlorine, in amount insufficient for complete chlorination of the non-cellulose impurities, removing the liquor, washing with water, reconverting the fiber into a thin aqueous suspension of concentration not greater than that of the first suspension, treating with additional chlorine in excess of the amount required for direct chlorination of the remaining impurities, making the pulp alkaline so as to form hypochlorite from the residual chlorine, allowing time for hypochlorite bleaching to take place, removing liquor, washing and bleaching with hypochlorite liquor.

2,127,766
TWIN FINGER RING
Alfred E. Coleman, Corvallis, Oreg.
Application December 8, 1937, Serial No. 178,716
4 Claims. (Cl. 63—15)



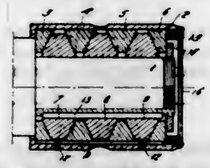
1. A twin ring finger structure comprising a master ring, a link member pivotally joined to said master ring, a companion ring that is provided with an inner recess, and the said link member being provided with a projecting means to pivotally engage said recess when held in contact therewith by a wearer's finger.

2,127,767
PISTON
Ray E. Day, Detroit, Mich.
Application October 14, 1935, Serial No. 44,865
7 Claims. (Cl. 309—13)



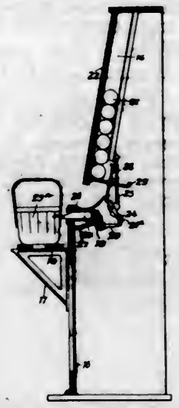
1. A piston comprising a head, pin bosses, a skirt separated from the head and having a longitudinal slot at one bearing side, and horizontal bimetallic strut members extending from the skirt to the bosses and each comprising a main body formed of the metal of the skirt and an insert formed of a metal of different expansion characteristics so as to exert forces tending to close said slot when the piston is heated, said insert being disposed entirely within the strut.

2,127,768
FRICTION DRIVING DEVICE
André Leon Victor Clement Debrie, Paris, France
Application November 2, 1937, Serial No. 172,444
In France November 16, 1936
10 Claims. (Cl. 64—30)



1. A friction driving device wherein a driving rotating shaft supports a hob connected with the members to be driven, comprising rings contacting with each other interposed between the hob and the shaft and alternatively connected the ones with the hob and the others with the shaft some at least of said rings presenting frustoconical contacting faces, the axis of said frustocones being that of the shaft and the angle between the generatrices and said axis being so determined in accordance with the weight of the hob and the coefficient of friction of the contacting faces, that the driving strain may have a predetermined value.

2,127,769
MERCHANDISE DISPENSING SYSTEM
Sam Engró, Memphis, Tenn., assignor of forty-nine one-hundredths to Charles Arthur Jean Mrs. Charles W. Jean, and Ralph Nelson Jean, Memphis, Tenn.
Application April 1, 1935, Serial No. 14,184
21 Claims. (Cl. 235—1)

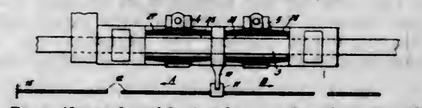


1. In a vending machine, means for supporting articles of merchandise in a stack, means for releasing a single article at the bottom of the stack, means settable in accordance with the price of such merchandise, a key for actuating said releasing means, and calculating means on said key constructed and arranged for actuation by said settable means when the key is so actuated.

2,127,770
PRINTING PASTE THICKENER
Erhart Frans, Leipzig, and Max Hardtmann, Naunhof, near Leipzig, Germany
No Drawing. Application July 28, 1934, Serial No. 737,466
8 Claims. (Cl. 8—6)

1. A printing paste having as, a nonadhesive non-alkaline thickener a polar hydrophile alcohol containing at least 8 carbon atoms insoluble in water and a solution of an emulsifying water soluble hydrophile salt of an aliphatic sulfo acid containing at least 8 carbon atoms in the aliphatic nucleus in water.

2,127,771
THREAD GUIDE BRAKE
Woldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany
Application January 23, 1935, Serial No. 3,164
In Germany February 6, 1934
2 Claims. (Cl. 66—126)



2. In a thread guide brake mechanism for flat knitting machines, a thread guide rod, fixed stops limiting the reciprocating movements of said thread guide rod, a brake housing, and two brake members arranged in said brake housing and acting successively on said brake guide rod toward the end of its movement in either direction as limited by said fixed stops.

2,127,772
TAPING MACHINE
Guido Horn, Berlin-Weissensee, and Wilhelm Lippold, Glienicke-Norbahn, Germany, assignors to the firma Guido Horn, Berlin-Weissensee, Germany
Application August 12, 1937, Serial No. 158,792
In Germany November 27, 1935
3 Claims. (Cl. 242—75)



3. A taping machine having a tension device and a braking device allowing braking of the roll of tape depending upon a determined tension of the tape, comprising a shaft mounted in a stationary bearing, a carrier for the roll of tape rotatably mounted on said shaft, a brakable disc forming part of said carrier, a supporting member fixed upon said shaft, a short shaft carried by said supporting member, a brake lever pivoted on said short shaft and adapted to cooperate with

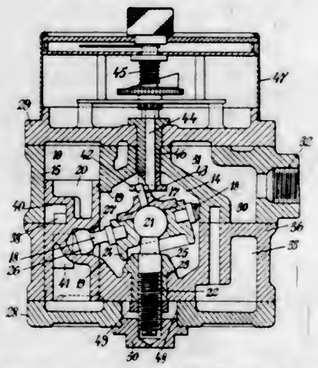
said brakable disc, a guide roller carried by the free end of said brake lever, a three-armed tension lever also pivotally mounted upon said short shaft, two of the arms of said three-armed tension lever being symmetrically arranged with respect to one another, said brake lever having mounted thereon an extension member forming a stop with which the two symmetrical arms of said three-armed tension lever may cooperate to limit their oscillating path, a spring acting on one arm of said three-armed tension lever, a bolt having said spring acting on said tension lever adjustably mounted thereon, a projection carried by said supporting member for guiding one end of said bolt, means whereby the opposite end of said bolt may be slidably mounted selectively in one of the two symmetric arms of said three-armed tension lever to allow operation of the machine in one or the other direction of rotation, a loose disc carried by said opposite end of said bolt forming an abutment for said spring and resting upon the mounting means of the arm of said three-armed tension lever holding and guiding said bolt, and a guide roller carried by the free end of the middle arm of said three-armed tension lever, both of said guide rollers being arranged outside the periphery of said brakable disc in the path of the unrolling tape.

2,127,773

LIQUID METER

Frank Horton, London, England, assignor to Foreign Rights (Precision Meters) Limited, London, England

Application September 8, 1936, Serial No. 99,845
In Great Britain December 27, 1935
8 Claims. (Cl. 73—244)



1. A liquid meter operated by the pressure of the liquid, comprising a series of cylinders arranged about a central axis, pistons reciprocable in said cylinders, a swash plate device having nutatory motion operatively coupling the pistons together, each piston functioning as a valve for controlling the flow of liquid into and from the succeeding cylinder and means for adjusting the length of the stroke of the pistons to calibrate the meter.

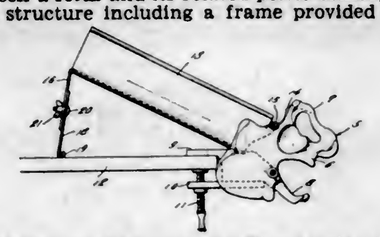
2,127,774

APPARATUS FOR TEACHING OBSTETRICS

Julian Bay Jacobs, Arlington County, Va.

Application April 27, 1936, Serial No. 76,666
Renewed January 12, 1938
16 Claims. (Cl. 35—17)

1. In combination with a pelvic manikin, an artificial fetal structure having a head smaller in size than the natural proportioned relationship between a fetus and its related pelvic orifice, said fetal structure including a frame provided with



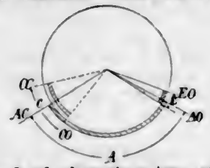
prominent portions corresponding to the shoulders and hips of a natural fetus with the usual bulk of flesh and muscle thereon.

2,127,775

INTERNAL COMBUSTION ENGINE

Michel Kadenacy, Paris, France

Application September 27, 1934, Serial No. 745,814
In Great Britain August 14, 1934
14 Claims. (Cl. 123—65)



4. A method of charging two-stroke cycle internal combustion engines, which comprises introducing the main charge by atmospheric pressure, by controlling an inlet orifice so that the said inlet orifice is opened when the exhaust gases are moving outwardly through the exhaust passage consequent upon their mass exit from the cylinder and while the exhaust orifice remains open, and so that the said inlet orifice is reclosed before the said exhaust orifice is closed, and in introducing supplementary charge under a pressure higher than atmospheric pressure towards the end of the atmospheric charging period, the said supplementary introduction of charge commencing shortly before the end of the atmospheric admission period and terminating shortly after the closure of exhaust.

2,127,776

BOTTLE CLOSURE

Max Krueger, Newark, N. J.

Application November 27, 1934, Serial No. 755,037
Renewed April 29, 1937
5 Claims. (Cl. 215—38)



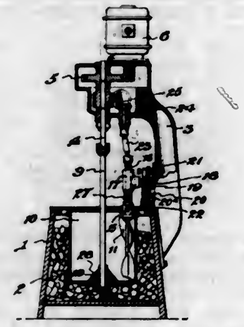
5. A bottle closure comprising a two-piece cap having an inner portion and an outer portion slidably coacting to cover a bottle mouth, the cap portions having side walls adapted to engage the side walls of the bottle adjacent the bottle mouth, the cap portions having juxtapositioned ears provided with openings through said ears, and a spring member, the ends of the spring member passing through the openings in the ears to hold the parts together, the spring member engaging against a wall of one of the cap portions to hold the portions in operative position on a bottle mouth.

2,127,777

ICE-CREAM FREEZER

Hügo Kunzi, Stuttgart-Feuerbach, Germany

Application January 21, 1937, Serial No. 121,723
In Germany January 23, 1936
9 Claims. (Cl. 259—85)



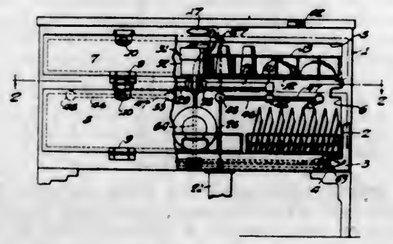
1. In an ice-cream freezer, the combination of a rotary freezing vessel for the ice-cream material with a spattle worm having two threads of different diameters arranged inside said freezing vessel with the thread of smaller diameter spaced from the wall of the freezing vessel for raising the ice-cream material in said freezing vessel and the other thread making substantially point contact with said wall for spattling and scraping the ice-cream material from the wall of the freezing vessel, actuating means for rotating the spattle worm and actuating means for rotating the freezing vessel at a speed which is a multiple of that of the spattle worm and in the opposite direction to the direction of rotation of the spattle worm.

2,127,778

DISHWASHING AND STERILIZING MACHINE

Joseph D. Lewis, Santa Barbara, Calif.

Application November 12, 1935, Serial No. 49,381
7 Claims. (Cl. 141—9)



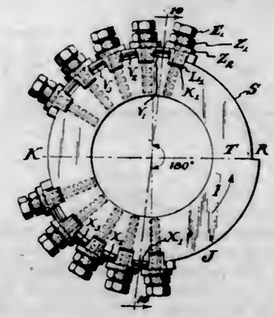
1. In a machine of the character described, a cabinet having an opening equipped with a door, supporting shelves located within the cabinet in vertically spaced relation, a water distributor within the cabinet located between the shelves, and sterilizing means comprising a plurality of horizontally disposed pipes located at the bottom of the cabinet and containing heating units, said pipes being perforated, and a connection between the water distributor and said pipes for filling the latter when the former is in operation.

2,127,779

TOOL FOR CUTTING CURVED TOOTH BEVEL GEARS

Benedetto Mammano, Milan, Italy, assignor to "Societa Ingranaggi Mammano", Milan, Italy, a company of Italy

Application February 10, 1936, Serial No. 63,232
12 Claims. (Cl. 29—105)



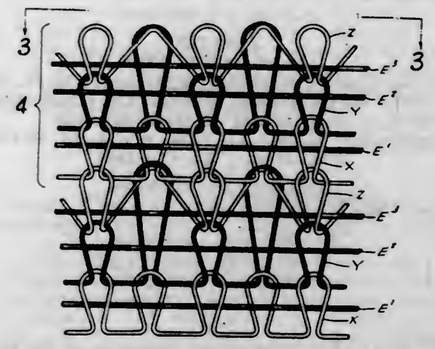
1. A tool for cutting curved tooth bevel gears continuously by the generating process, in which the tool axis is parallel to the axis of the basic crown wheel, having a plurality of cutters, of which two "finishing" cutters, disposed at 180°, have the external cutting edge of the external finishing cutter and the internal cutting edge of the internal finishing cutter substantially at the same radius and other "subsidiary" cutters with external and internal cutting edges assembled near the corresponding finishing cutters, the setting of these subsidiary cutters at different distances from the axis of the tool giving rise to paths displaced at the great end but coinciding at the small end of the teeth to be cut.

2,127,780

ELASTIC TOP HOSIERY

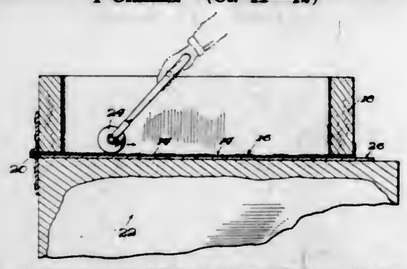
John Loyn Marshall, Chattanooga, Tenn., assignor to United Hosiery Mills Corporation, Chattanooga, Tenn., a corporation of Tennessee

Application July 25, 1936, Serial No. 92,542
2 Claims. (Cl. 66—172)



2. A circular knit ribbed stocking top comprising rib wales and plain wales, each rib wale comprising regular stitches and tuck stitches in alternation throughout said top, the rib stitches in any given course being either all regular or all tuck, and a continuous elastic thread inlaid between the plain and rib wales throughout said top.

2,127,781
GLASS ETCHING
George R. McKay, Garden City, N. Y., assignor to McKay Company, New York, N. Y., a partnership
Application March 12, 1936, Serial No. 68,527
4 Claims. (Cl. 41—42)



1. A process of etching glass which includes the steps of coating that portion of a pervious screen surrounding the design to be etched with a suitable acid resist, positioning the coated side of the screen against the glass, and applying to the uncoated side of the screen an etching compound of such consistency that the interstices of the screen will not become clogged and a maximum concentration of etching agent is deposited on the glass.

2,127,782
PROCESS FOR CANNING AND COOKING OATMEAL
Edgar R. McShane, Baltimore, Md.
No Drawing. Application October 20, 1937, Serial No. 170,121
1 Claim. (Cl. 99—182)

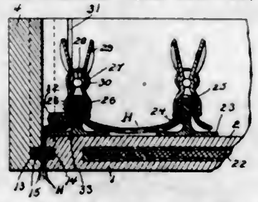
A process for canning and cooking oatmeal or rolled oats, comprising the steps of placing dry oatmeal or rolled oats and hot water in a can, hermetically sealing the can, immediately agitating and pre-cooking for approximately eleven minutes at about 212° F. to cause the pieces of oatmeal to rapidly absorb the water and revert toward natural shape before breaking down of the starches can occur and to insure rapid penetration of heat through the entire can contents, and performing a final cooking and sterilizing operation for approximately two hours at about 240° F.

2,127,783
SHOE STIFFENER
Charles Edward Reynolds, Watertown, Mass., assignor to Cambridge Rubber Co., Cambridge, Mass., a corporation of Massachusetts
Application August 17, 1936, Serial No. 96,404
10 Claims. (Cl. 12—146)



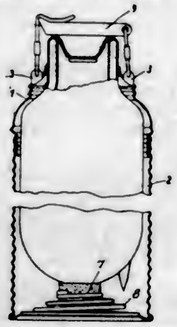
1. That improvement in methods of making shoes in which a stiffener is incorporated, which consists in providing a fibrous stiffener impregnated with a quantity of rubber sufficient to bind the fibers of the stiffener, but insufficient to water proof the stiffener and prevent a ready absorption of sufficient water for tempering purposes, tempering said stiffener with an aqueous dispersion of rubber, incorporating the tempered stiffener in a shoe assembly while the coating applied in the tempering operation is still in a tacky condition, and during said tempering operation applying such a quantity of rubber to the stiffener that, combined with the original rubber content of the stiffener, it will make the stiffener substantially waterproof.

2,127,784
PERMANENT-HAIR-WAVING MACHINE
Gustav Rösch, Valparaiso, Chile
Application March 4, 1935, Serial No. 9,278
11 Claims. (Cl. 132—36)



1. In apparatus of the class described, a vessel having a bottom and side walls fixed with relation to the bottom, and detachable end walls, means holding said end walls in liquid-tight engagement with said bottom and side walls, in combination with a plurality of shaper and clamp assemblies locatable in the vessel crosswise between the side walls thereof, said vessel having provisions to pass the hair into the vessel at the bottom at the front end of the same between the edge of the bottom and the adjacent end wall.

2,127,785
CLOSURE DEVICE
Franz Schimpf, Leipzig, Germany, assignor to Hugo Schneider Aktiengesellschaft, Leipzig, Germany
Application June 4, 1935, Serial No. 24,969
In Germany June 27, 1934
5 Claims. (Cl. 215—13)



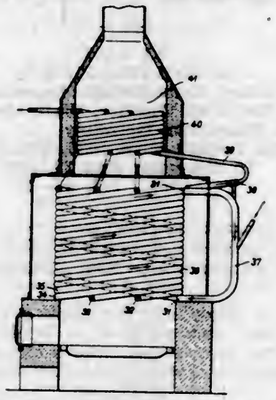
1. The combination of a glass vacuum flask, an external casing for said glass flask having in the lower part thereof a resilient bottom supporting device for the flask and having in the upper part a reduced portion for receiving a drinking cup and a closure member for closing the flask in a fluid-tight manner with a hinge connection for connecting the closure member to said reduced portion of the external casing and a manually actuatable wire clip hold down device on said reduced portion of the external casing for securing the closure member in the operative position said hinge connection and wire clip hold down device being connected to the reduced portion of the external casing between the

periphery and the centre thereof, so as not to project beyond the periphery of said reduced portion.

2,127,786
MANUFACTURE OF SOUND RECORDS
Charles Schinzel, Troppau, Czechoslovakia
No Drawing. Application October 23, 1931, Serial No. 570,755. In Germany September 4, 1929
7 Claims. (Cl. 179—100.3)

1. In the manufacture of sound films and talking motion picture films the improvement which comprises registering the sound waves on a finely grained to grainless silver halide emulsion layer highly photo-sensitized, and transferring the original sound record thus obtained onto a photographic material provided with a finest grained to grainless light-sensitive layer highly photosensitized by hyper- or ultra-sensitizing.

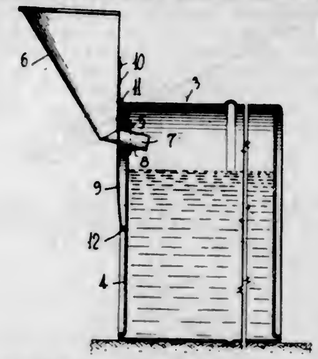
2,127,787
WATER TUBE STEAM GENERATOR
Martin Schmidt, Kassel-Land, Germany
Application July 17, 1935, Serial No. 31,896
In Germany August 6, 1934
9 Claims. (Cl. 122—249)



1. A water-tube steam generator, which in addition to the quantity of water continuously fed in and evaporated during one passage through the boiler, contains an additional mass of water, units comprising steam-generating tubes and downcomer tubes, means connecting said steam-generating tubes and said downcomer tubes the steam-generating tubes of each circulating unit being continuously connected with the downcomers of the next unit, to form a group of units having a substantially closed circulating path, and means in said connecting means to separate the steam from the water-steam mixture produced in said steam-generating tubes, whereby the water in said mixture after separation of steam therefrom may continue to flow through said downcomer tubes.

2,127,788
FUNNEL
Clarence Gilbert Schmutzler, Beaver Dam, Wis.
Application October 5, 1937, Serial No. 167,453
4 Claims. (Cl. 226—31)

1. A funnel of the character described, comprising a hopper having a laterally extending discharge spout at its lower end portion, lug means arranged on the exterior of said spout and adapted to engage the wall of an opening through which the spout is inserted, and resilient means operatively connected to the hopper and adapted to engage said wall for maintaining the



lug in engagement with said wall, said resilient means including legs secured to the hopper and extending downwardly below said spout.

2,127,789
PROCESS FOR THE STABILIZATION OF CELLULOSE ESTERS
Otto Sindl, Paris, France, and Georg Frank, Moedling, near Vienna, Austria, assignors to "Afag" Finanzierungs A. G., Schaffhausen, Switzerland
No Drawing. Application September 25, 1936, Serial No. 102,628. In France October 9, 1935
6 Claims. (Cl. 260—102)

1. In the stabilization of simple and mixed cellulose esters which have been prepared by esterifying cellulose in the presence of at least one sulfuric acid radical containing catalyst, the process which comprises removed the harmful retained catalyst residues by thoroughly freeing such a cellulose ester from esterification bath residues and treating said ester in at least one stabilizing bath, in which said ester is substantially insoluble, containing at least one organic compound represented by the general formula

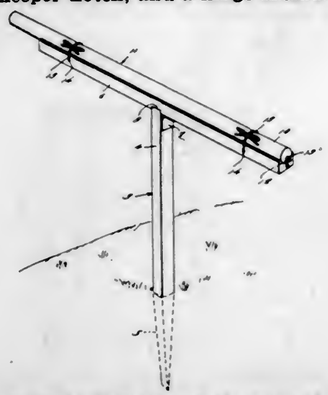
$$R'(OR'')_n(COOR''')_m,$$

wherein R' and R''' are radicals selected from the group consisting of hydrogen and hydrocarbon residues of low molecular weight, R'' is a hydrocarbon residue of low molecular weight, m is an integer ranging from 1 upwards and n is zero or an integer ranging from 1 upwards, while the sum of m plus n equals at least 2.

2,127,790
FISHING ROD HOLDER
Tommie Louise Gayden Smoot, Whitfield, Miss.
Application October 21, 1937, Serial No. 170,276
1 Claim. (Cl. 248—38)

A portable fishing rod holder of the class described comprising a longitudinally elongated rod accommodation and supporting member provided in its upper side with a groove extending from end to end and constituting a channel for reception of the fishing rod handle, said member being provided at longitudinally spaced points with transverse openings adapted to accommodate insertable and removable cords for tying and fastening the rod in said channel, said member being provided in its under side and at a point intermediate its ends with a transverse keeper notch, a supporting and anchoring stake adapted for disposition at right angles to said member, said stake

having its lower end pointed, the upper end thereof being adapted for removable reception in said keeper notch, and a hinge including sec-



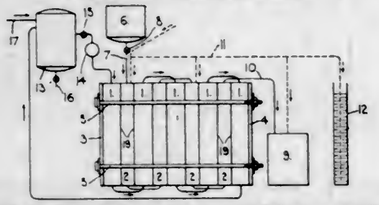
tions attached to the stake and adjacent portion of said member within the vicinity of said notch to facilitate folding and to promote rigid assembled erection of the parts for use.

2,127,791

APPARATUS FOR PURIFYING RUBBER LATEX AND LIKE DISPERSIONS

Henry Potter Stevens and Joseph William Ward Dyer, London Bridge, England, assignors, by mesne assignments, to The British Rubber Producers' Research Association, London, England

Application June 11, 1936, Serial No. 84,762
In Great Britain June 17, 1935
3 Claims. (Cl. 23—252)



1. Dialyzing apparatus comprising a series of thin dialyzer cells separated by membranes, alternate cells being adapted to contain water or an aqueous solution and intermediate cells the liquid to be dialyzed wherein the water cells contain means for reinforcing the membranes and maintaining them in position so arranged that the separating membranes project within the intermediate cell frames into the intermediate cells whereby to obtain effectively thin intermediate cells.

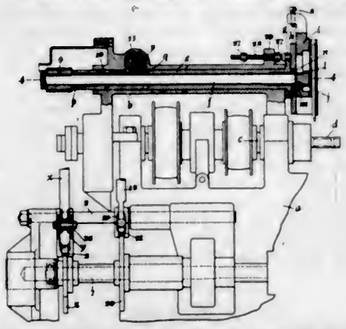
2,127,792

TURNING LATHE

William Swift and Leslie Roland Perkins, Birmingham, England, assignors to Joseph Lucas Limited, Birmingham, England

Application November 16, 1937, Serial No. 174,844
In Great Britain November 16, 1936
8 Claims. (Cl. 82—2)

1. A lathe or lathe attachment comprising the combination of a pair of coaxial spindles arranged one within the other, the inner spindle being both slidable and rotatable, and the outer spindle being nonrotatable but slidable with said inner spindle, a bearing carrying said spindles, a guide mounted transversely on one end of said outer spindle, a tool-carrying slide on said guide, means on said inner spindle for moving said slide on said guide, a pinion on said inner spindle, a toothed member engaging said pinion, a cam



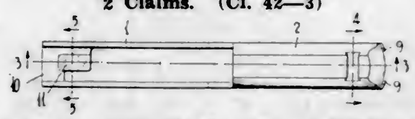
for imparting movement in one direction to said toothed member, spring means for imparting movement in the opposite direction to said member, and means for imparting sliding movement to said outer spindle.

2,127,793

AUTOMATIC PISTOL

Georg Walther, Zella-Mehlis, Germany, assignor to the firm Carl Walther, Waffenfabrik, Zella-Mehlis, Thuringia, Germany

Application December 28, 1936, Serial No. 117,949
In Germany May 30, 1936
2 Claims. (Cl. 42—3)



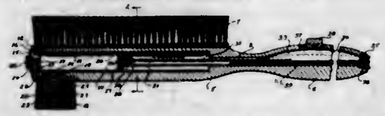
1. In an automatic fire arm, a locking slide substantially consisting of a light-metal alloy and having hard-metal inserts therein at areas where said slide is subjected to particular stresses.

2,127,794

DISPENSING DEVICE

Gothard Wastman, Husumverken, Sweden

Application February 19, 1935, Serial No. 7,244
4 Claims. (Cl. 221—78)



1. In a pressure feeding device, a body, a chamber therein, a plunger operable within said chamber, a notched stem therefor, a bowed leaf spring hinged at one end and engaging said notched stem at its free end and means for flattening said leaf spring to extend its overall length to advance said plunger stem notch by notch.

2,127,795

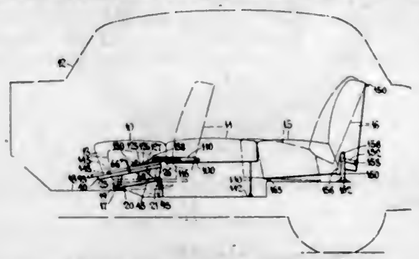
CONVERTIBLE VEHICLE STRUCTURE

Le Grand S. Whedon, Medina, N. Y.

Application July 27, 1936, Serial No. 92,738
5 Claims. (Cl. 155—7)

5. In a vehicle body, a convertible passenger carrying structure including two units adapted to be converted selectively into a bed or seats, each

unit including a seat bottom normally inclined upwardly and forwardly from their rear edges, members connecting one unit to said body and movable to carry said one unit from a position of inclination of its seat bottom to a position levelling the latter seat bottom, means carried in the vehicle body and having connections to the other unit for bodily altering the elevation of the latter unit, mechanism connected to said means and to said other unit for guiding the latter upon said means toward and away guiding the latter sub-



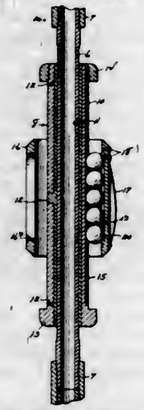
stantially horizontally upon said means toward and away from said one unit independently of the elevating action, said other unit having a normally upright portion pivotable thereon and provided with means for adjusting the upright portion to a substantially horizontal position, whereby said units can be abutted against each other and levelled along a substantially horizontal plane, and members supported by said body and connected to said means to adjust the seat bottom of said other unit from an inclined position to a substantially horizontal position.

2,127,796

BEARING STRUCTURE

Orvis C. Willis, Rodessa, La.

Application November 17, 1937, Serial No. 175,109
1 Claim. (Cl. 308—6)



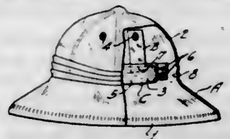
A device of the character described, comprising, in combination, a well casing, a well tube operable within said casing, a sleeve fixed to said tube and formed with longitudinally extending grooves, a collar about said sleeve and formed with longitudinally extending grooves adapted for alignment with said first mentioned grooves, springs carried by said collar and yieldably connecting said collar to said casing whereby to permit reciprocation of said sleeve relative to said collar, and a plurality of ball bearings within said grooves for effecting a bearing connection between said sleeve and said collar, said ball bearings coacting with said sleeve and said collar to space the opposed peripheries of said sleeve and said collar a sufficient distance apart to form longitudinally extending passages between said ball bearings whereby to permit a free flow of liquid or the like through said passages and enable said collar to be connected in close proximity to said casing for effecting a centralization of said tube within said casing.

2,127,797

HEADWEAR

Edward Wittcoff, University City, Mo.

Application August 22, 1935, Serial No. 37,378
2 Claims. (Cl. 2—182)



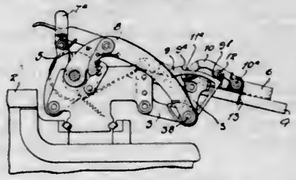
1. A hat including a rigid crown, a fabric-like sweat-band adjustable in diametrical dimension for fitting heads of different sizes and normally of reduced diametrical dimension relatively to, and annularly disposed horizontally within the crown, and means for suspendingly securing the band to, and in spaced relation throughout its width and perimeter inwardly from, the wall of the crown, said means comprising a plurality of separate flat lengthwise substantially rigid straps disposed in spaced relation one from the other and lengthwise extending vertically with respect to and within the crown, and eyelets disposed in the crown in a spaced annular series and providing ventilating openings into the crown at points spaced upwardly from the upper margin of the sweat-band, said eyelets also engaging the straps at their respective upper ends for securing the straps to the crown and each of the straps being attached at its lower depending end to the band whereby to support the fabric-like sweat-band in substantially free swinging relationship within the crown.

2,127,798

PAPER POSITIONING APPARATUS FOR TYPEWRITERS

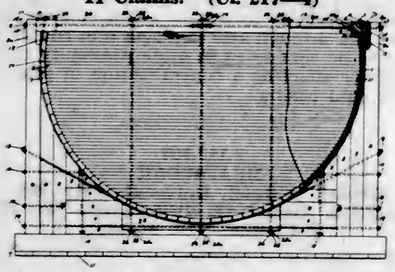
Carlos Wittenmyer, Mount Clemens, Mich.

Application September 16, 1936, Serial No. 100,978
3 Claims. (Cl. 197—127)



1. In combination with a typewriter having a platen roller in a swinging frame adapted to be turned upward from, and downward to operative position, a table extending in position adapted to feed a sheet of paper to said typewriter, and having a gage stop thereon adapted to locate the sheet of paper in position to be written on, means for clamping said sheet of paper in said position, and a cam on said swinging frame adapted to engage said clamping means to open said clamping means at each end of the travel of the platen.

2,127,799
TANK OR FLUME
Ray C. Hansen, Portland, Oreg.
Application May 25, 1935, Serial No. 23,429
11 Claims. (Cl. 217—4)



1. An apparatus of the character described having a sub-structure comprising a semi-circular trough, a foundation, a timber disposed vertically on said foundation at either side of said trough, a pair of spaced longitudinally disposed supporting members between which said trough is suspended, and a joist disposed longitudinally and exteriorly of said trough on either side thereof and bearing on said timbers to form a support for said supporting members.

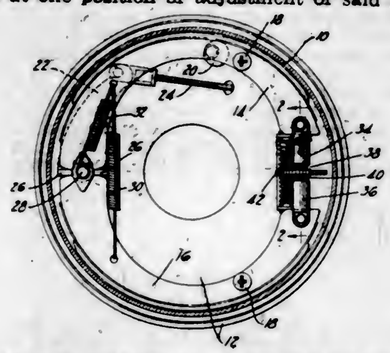
2,127,800
WASHBOARD
Robert J. Aston, Pittsburgh, Pa.
Application May 26, 1936, Serial No. 81,907
1 Claim. (Cl. 68—231)



A washboard comprising a pair of metallic parallel channel legs, a head construction connecting said legs, a plurality of parallel cylindrical members extending into the channels of the legs, and cylindrical spacers fitted on the ends of said members, said legs having the edges of the channeled portions bent inwardly to engage the spacers to thereby hold the spacers against inward movement relative to said members.

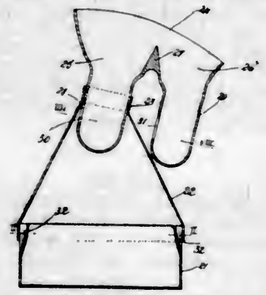
2,127,801
BRAKE
Rudolph A. Goepfrich, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application November 27, 1936, Serial No. 112,849
3 Claims. (Cl. 188—79.5)

1. A brake adjustment comprising two parts adjustably threaded together, and a spring member mounted on the exterior of the outer part and extending through the outer part into engagement with the inner part and which is effective at one position of adjustment of said parts



to lock them together to prevent relative turning thereof.

2,127,802
APPARATUS FOR INHALATIONS
Léon Paul Séné, Louveciennes, France
Application August 13, 1936, Serial No. 95,772
In France August 14, 1935
3 Claims. (Cl. 128—195)

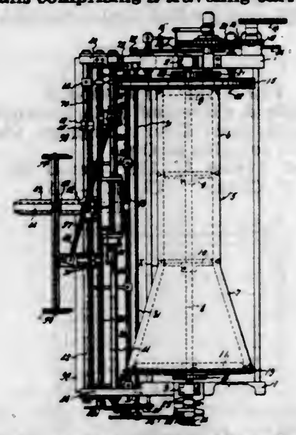


3. In an apparatus for inhalations, a receptacle having a hood upwardly extending therefrom, said hood forming a vapor chamber with said receptacle and having a vapor outlet, said vapor chamber having inlets for admitting air thereto, and a bucco-nasal separating device comprising a hollow body having a rim adapted to fit over the nose and mouth of the wearer, and air tight partition dividing said body into a mouth chamber and a nose chamber and a hollow extension from each chamber, each extension being adapted to register with and to be inserted through said outlet, each extension having a closed outer end forming a receiver and having an opening through its side wall, whereby either chamber may selectively be used for inhalations from said receptacle, the opening through the wall of the extension of the other chamber discharging the products of respiration into the atmosphere.

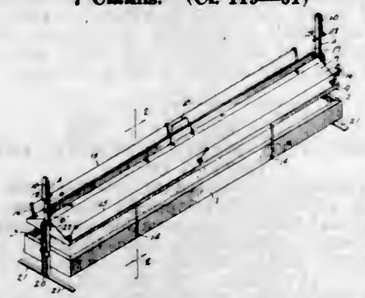
2,127,803
WARPING MACHINE
Eugene R. Alderman, South Hadley, Mass.
Application April 9, 1934, Serial No. 719,694
Renewed May 8, 1936
6 Claims. (Cl. 28—33)

1. In a warping machine in combination, a rotating warp beam having a cylindrical outer surface merging into a diverging conical end, the outer diameter of said conical end being not less than approximately twice the diameter of said

cylindrical surface, said warp beam adapted to be filled to the outer diameter of its conical end with a plurality of conically ended warp sections successively wound thereon in nested end to end relation, variable speed driving means for said rotating warp beam to maintain a substantially uniform winding speed of the yarns being wound on said beam as each warp section builds up from the diameter of the cylindrical core to the outer diameter of the conical end of said beam, means for winding a sheet of yarns simultaneously into a warp section on said beam and for successively forming said warp sections each with conically shaped ends for nested relation on said beam, said means comprising a traveling carriage carrying thereon a condensing reed, and spaced forwardly thereof a serving roll positioned in close proximity to said beam, said roll being arranged to guide the yarns from said reed around a substantial arc of contact to bring said yarns into a flat sheet in directing the same onto said beam, traversing mechanism actuated during the winding operation to impart translative travel to said carriage in a straight path at an angle to said beam axis which is approximately the same as the slope of the conical surface of said beam, whereby said serving roll is maintained in approximately the same guiding position relative to the yarn wound on said beam from the beginning to the end of the winding operation.

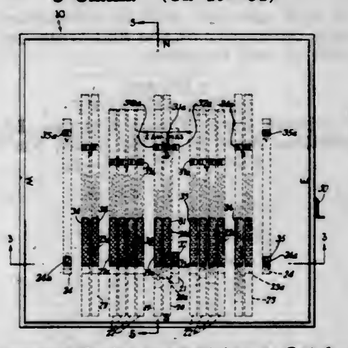


2,127,804
POULTRY FEEDER
Howard A. Ballard, Napa, Calif.
Application March 9, 1936, Serial No. 67,858
7 Claims. (Cl. 119—61)



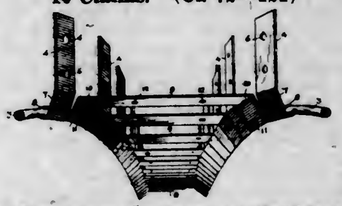
6. A poultry feeder comprising a trough provided with a rectangular open top, a cover for the top and having its lower edges lying in the same plane, and means for supporting the cover at points above the trough and cover, and at the desired distance above the trough top, said supporting means being secured to the trough at its ends and midway between the trough sides, whereby adjustable headroom of the same height is provided for the poultry along the sides and ends of the trough.

2,127,805
GAME TABLE
Harold P. Battle, New Rochelle, N. Y., assignor of one-fourth to J. S. Hargrove
Application January 27, 1937, Serial No. 122,537
8 Claim. (Cl. 40—64)



1. A scoring device comprising a flat board, a plurality of parallel plates slidably mounted on the board, a member on said board covering said plates and formed with openings to expose portions of said plates, and releasable means for locking said plates against sliding movement.

2,127,806
FLEXIBLE CORNER BEAD
Jack F. Burt, Valparaiso, Ind.
Application October 30, 1935, Serial No. 47,468
10 Claims. (Cl. 72—121)

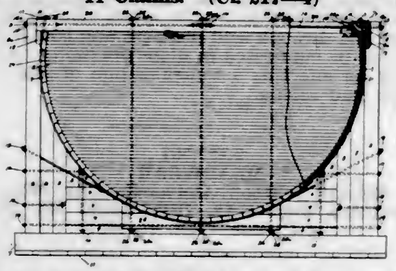


1. In flexible corner beads, a flexible supporting wire, a plurality of clips constituting one group alternating with a plurality of other clips constituting a second group the whole being adapted to have one group of clips fastened to the curved surface of an arch and the other group secured to the face of the wall of which the arch is a part.

2,127,807
INDICATING INSTRUMENT
Victor E. Carbonara, Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application November 14, 1933, Serial No. 697,997
5 Claims. (Cl. 116—129)

1. In an indicating instrument, an indicating dial mounted for angular movement about a vertical axis and having an annular rim with indicating marks thereon, and an index cooperating

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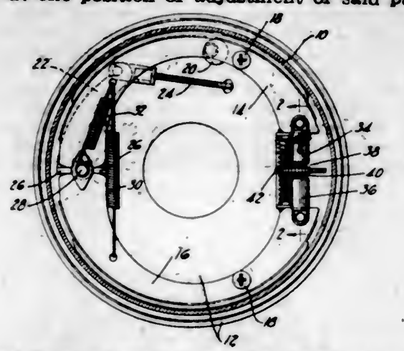
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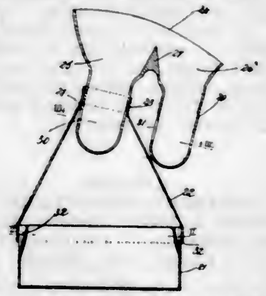
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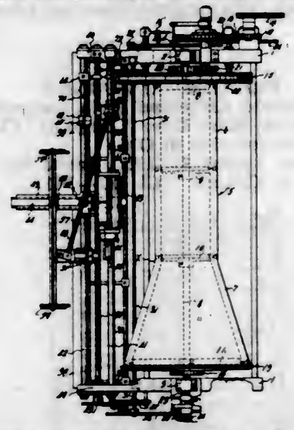


3. In an apparatus for inhalations, a receptacle having a hood upwardly extending therefrom, said hood forming a vapor chamber with said receptacle and having a vapor outlet, said vapor chamber having inlets for admitting air thereto, and a bucco-nasal separating device comprising a hollow body having a rim adapted to fit over the nose and mouth of the wearer, and air tight partition dividing said body into a mouth chamber and a nose chamber and a hollow extension from each chamber, each extension being adapted to register with and to be inserted through said outlet, each extension having a closed outer end forming a receiver and having an opening through its side wall, whereby either chamber may selectively be used for inhalations from said receptacle, the opening through the wall of the extension of the other chamber discharging the products of respiration into the atmosphere.

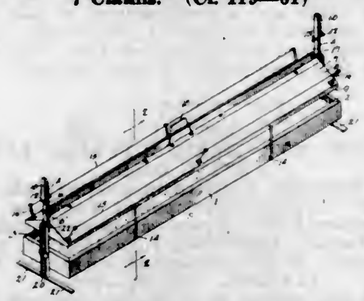
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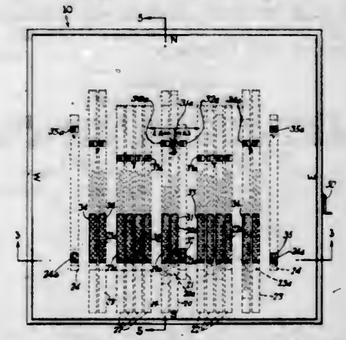


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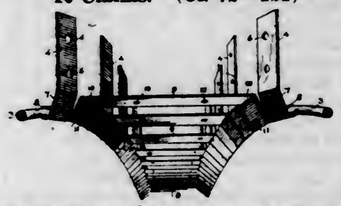
6. A poultry feeder comprising a trough provided with a rectangular open top, a cover for the top and having its lower edges lying in the same plane, and means for supporting the cover at points above the trough and cover, and at the desired distance above the trough top, said supporting means being secured to the trough at its ends and midway between the trough sides, whereby adjustable headroom of the same height is provided for the poultry along the sides and ends of the trough.

2,127,805
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Application January 27, 1937, Serial No. 122,537
8 Claim. (Cl. 40—64)



1. A scoring device comprising a flat board, a plurality of parallel plates slidably mounted on the board, a member on said board covering said plates and formed with openings to expose portions of said plates, and releasable means for locking said plates against sliding movement.

2,127,806
FLEXIBLE CORNER BEAD
Jack F. Burt, Valparaiso, Ind.
Application October 30, 1935, Serial No. 47,468
10 Claims. (Cl. 72—121)

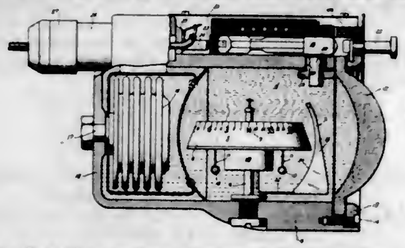


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2,127,807
INDICATING INSTRUMENT
Victor E. Carbonara, Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application November 14, 1933, Serial No. 697,997
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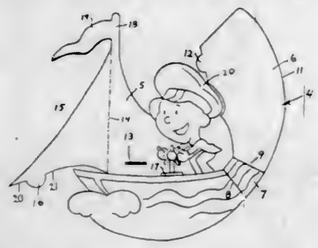
1. In an indicating instrument, an indicating dial mounted for angular movement about a vertical axis and having an annular rim with indicating marks thereon, and an index cooperating

with said rim and comprising a substantially flat member positioned adjacent said rim in a vertical plane passing through said axis, the outer



edge of said member sloping substantially continuously outwardly of the dial from one end to the other of said member.

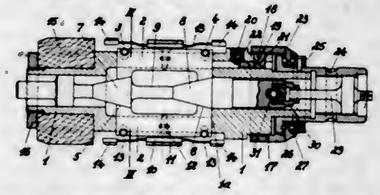
2,127,808
PAPER NOVELTY
Claude Carey Cloud, Chicago, Ill.
Application June 19, 1936, Serial No. 86,133
3 Claims. (Cl. 46—35)



1. A paper novelty including sections interconnected by an intermediate section along converging fold lines at an edge of each of said interconnected sections whereby said interconnected sections may be folded along said lines to dispose said interconnected sections in substantially parallel relation, one of said interconnected sections having a slot therein, the other of said interconnected sections including a tab insertable through said slot to interconnect said interconnected sections remote from said intermediate section and incline said interconnected sections relative to each other transversely and toward the slot and tab respectively and also incline said interconnected sections relative to each other longitudinally and away from said intermediate section, a further section joined along a fold line to one of said interconnected sections whereby said further section may be folded along said fold line upon said one interconnected section, said further section including a tab at a free edge thereof and said one interconnected section having a slot therein through which said tab may be inserted to interconnect the free edge of said further section with said one interconnected section, and means on said interconnected sections to provide a rocking movement of said novelty when air is blown thereagainst.

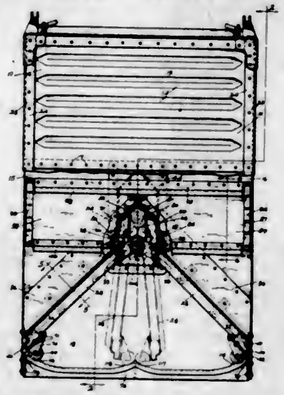
2,127,809
MEANS FOR FINISHING GROOVED HOLLOW METAL BODIES
Paul Cüppers, Augsburg, Germany, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany, a corporation of Germany
Application December 18, 1936, Serial No. 116,548
In Germany December 18, 1935
8 Claims. (Cl. 29—90)

1. In a device of the kind described, in combination a casing, a plurality of tools of rhomboid shape movably mounted at the periphery of said



casing, the greatest width of said tools in their center being smaller than the width of the grooves to be finished, and guiding means for said tools.

2,127,810
FREIGHT CONTAINER
Frank Ditchfield, Cleveland, Ohio, assignor to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Application August 31, 1936, Serial No. 98,637
17 Claims. (Cl. 221—144)

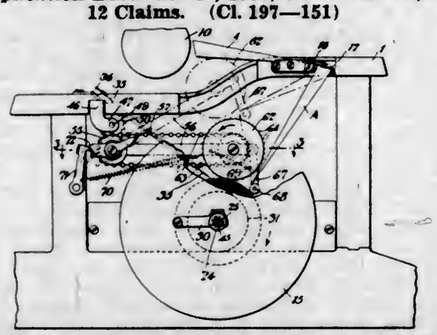


1. A railway container of the character described comprising a body, said body being provided with opposed vertical slots, a shaft extending through said container and said slots, a plurality of doors for the bottom of said body arranged on opposite sides of said shaft, said doors having their upper portions pivotally connected to said shaft and extending downwardly in diverging relationship, the lower portions of said doors having sealing relationship with the body of said container in the closed position of said doors, cooperable means secured to said shaft and said container for imparting vertical movement to said shaft and a hood secured to said body above said shaft in parallel relationship therewith, said hood protecting said shaft and reinforcing said body against bulging stresses.

2,127,811
PROCESS FOR MANUFACTURING LUBRICATING OILS
Egon Eichwald, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application June 15, 1936, Serial No. 85,332. In the Netherlands August 29, 1933
15 Claims. (Cl. 260—407)

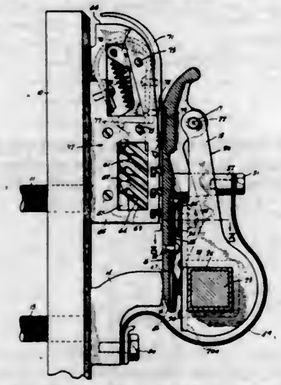
1. In the process of producing polymers suitable for lubrication from fatty oils by treating with a polymerization catalyst, the improvement comprising treating a semi-drying fatty oil with a small amount of anhydrous boron fluoride, whereby the oil is simultaneously polymerized and hydrolyzed, and maintaining said oil during this treatment at an elevated temperature at which polymerization predominates and hydrolysis is substantially suppressed, for a time sufficient to produce a polymer which is soluble in hydrocarbon oils and capable of materially raising the viscosity of a viscous hydrocarbon oil when dissolved therein in small quantities.

2,127,812
TYPEWRITING MACHINE
William Alfred Gabrielson, Syracuse, N. Y., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y., a corporation of New York
Application December 11, 1936, Serial No. 115,335
12 Claims. (Cl. 197—151)



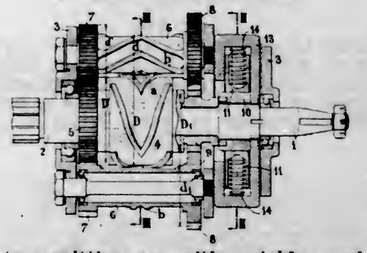
1. The combination of a carriage that is fed step by step for letter spacing, carriage driving mechanism, a ribbon supply device, a ribbon receiving spool, a wheel carrying radial pins adapted to engage the cylindrical surface of the coil of ribbon on the receiving spool, and means to positively rotate said wheel from the carriage driving means in uniform steps substantially equal in extent to the step by step movement of the carriage.

2,127,813
CIRCUIT INTERRUPTER
Herbert C. Graves, Jr., East Bradford Township, Chester County, Pa., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa., a corporation of New Jersey
Application June 6, 1936, Serial No. 83,857
22 Claims. (Cl. 200—87)



1. In a circuit breaker having spaced contact structures one of which is resilient, a bracket rotatable about a fixed axis located adjacent one of said structures, a rigid bridging member supported by said bracket with one end portion thereof adjacent both said axis and said one of said contact structures, operating means rigidly connected to said bracket for rotating said bracket and said bridging member from an open circuit position to a closed circuit position, and means operable during all circuit-opening and circuit-closing movement of said bridging member for biasing said end portion of said bridging member into abutting engagement with said one of said contact structures, said operating means including a rigid pressure-applying member disposed in abutting engagement with an intermediate portion of said bridging member for displacing said bridging member and said resilient contact structure to produce between both of said contact structures and said bridging member circuit-closing contact pressures.

2,127,814
TRANSMITTING GEAR WITH VARIABLE SPEED
Henry Guiraud, Nancy, France
Application June 12, 1937, Serial No. 147,839
In France May 20, 1937
3 Claims. (Cl. 74—260)

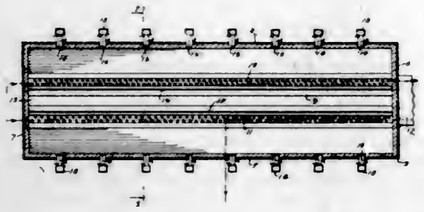


1. A transmitting gear with variable speed comprising a driving shaft, a driven shaft in axial alinement with the said driving shaft, a planet wheel-carrier freely mounted on the said shafts, a sun pinion freely mounted on the driving shaft, means connecting the said pinion with the said shaft and adapted for modifying the orientation of the one relatively to the other, a sun drum secured to the driving shaft and provided on its periphery with screw threads, a sun pinion secured to the driven shaft, at least one spindle on the planet wheel carrier and on the said spindle two planet pinions and one planet drum connected the one to the other, the said pinions meshing respectively with the said sun pinions on the driving and driven shafts, and the said planet drum being provided on its periphery with screw threads engaged with a great play between the threads of the said sun drum, the ratio between the diameters of the pitch line of the sun and planet drums being different from the ratio between the diameters of the pitch lines of the driven sun pinion and the corresponding planet pinion.

2,127,815
ART OF HEATING
Willis S. Gullette, Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine
Application April 26, 1933, Serial No. 668,000
10 Claims. (Cl. 196—110)

9. An oil heater comprising a chamber generally rectangular in horizontal cross section, two groups of serially connected substantially vertical substantially straight tubes extending

through the roof and through the floor of said chamber and arranged in relatively long and narrow banks disposed with their longer axes substantially parallel to the two longer walls of the said chamber, said banks being spaced from each other and a substantial distance from said



longer walls, an exit flue communicating with the space within said chamber between said banks of tubes, and a plurality of burners arranged at horizontally spaced points along each of said longer walls and positioned to discharge flames into the space between said longer walls and the adjacent tube banks.

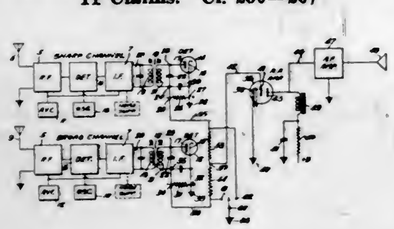
2,127,816

MULTICHANNEL RADIO RECEIVING SYSTEM

Poul F. G. Holst, Oaklyn, and Loren R. Kirkwood, Collingswood, N. J., assignors to Radio Corporation of America, a corporation of Delaware

Application August 29, 1936, Serial No. 98,444

11 Claims. Cl. 250—20)



4. In a radio receiving system having a pair of signal receiving and amplifying channels, the combination of a pair of diode rectifier devices one coupled to each of said channels to receive and to demodulate the signal output therefrom, automatic volume control means for each of said channels effective to control the amplitude of signals applied to said diode rectifier devices, each of said diode rectifier devices comprising a cathode connected to ground and having a diode output resistor connected at its positive terminal to said cathode and ground, a pair of signal and biasing potential output leads one from a negative terminal of each of said output resistors, a pair of series connected resistor elements each having a relatively high resistance with respect to each of said diode output resistors connected between said output leads, a common audio frequency amplifier for said channels having an input amplifier tube provided with a cathode connected to ground and a control grid connected to an intermediate tap point between said series connected resistor elements whereby the signal output and bias potential from said signal channels are applied jointly to said amplifier device, and means for selectively grounding either of said output leads thereby to render ineffective either of said signal amplifying channels selectively.

2,127,817

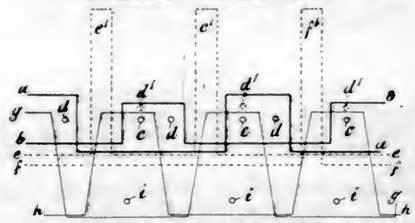
METHOD OF WEAVING FABRIC

Herbert Mellor Jameson, Bridgnorth, England, assignor of one-half to H. & M. Southwell Limited, Bridgnorth, England, a British company

Application December 16, 1935, Serial No. 54,577

In Great Britain December 21, 1934

2 Claims. (Cl. 139—405)



1. A method of weaving a fabric having a surface formed from face warp threads and face weft threads interwoven over a backing, which method consists in raising the desired face warp threads by means of jacquard mechanism, in raising and lowering opposed series of chain warp threads of the backing non-simultaneously so that one series is raised subsequent to the lowering of the other series, in inserting one of a pair of face weft threads in each group of weft threads above lowered chain warp threads so as not to be bound down or restrained except by the face warp threads where these are raised by the jacquard mechanism and therefore so as to have initially a floating or partially floating insertion, in inserting the remaining weft threads of each group between raised and lowered chain warp threads, and in beating up said floating or partially floating weft thread over the chain warp threads and over a face weft thread of the last preceding lash.

2,127,818

WASHABLE WALL COVERING AND METHOD OF MAKING THE SAME

George W. Jennings, Chicago, Ill.

No Drawing. Application January 11, 1936, Serial No. 58,755

2 Claims. (Cl. 134—46)

1. A composition for covering surfaces comprising the following ingredients in substantially the proportions set forth,

	Per cent by weight
Pigment	50
Glue	3.5
Acetic acid, glacial	2.2
Sodium acetate	.5
Aluminum sulphate	.8
Water	43

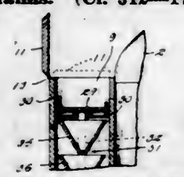
2,127,819

COMBINATION FURNITURE

Bennett Ray Jones, Perryopolis, Pa.

Application June 2, 1936, Serial No. 83,138

2 Claims. (Cl. 312—176)



1. A cabinet having a shelf slidably mounted therein, and a rack mounted within said cabinet adjacent said shelf and having frame members slidably engaging said shelf and a wall of said cabinet whereby to permit sliding movement of said rack to projected and retracted positions relative to said cabinet independently of any operation of said shelf.

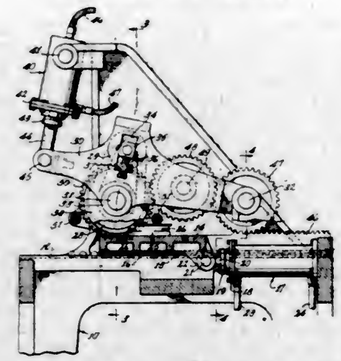
2,127,820

BLANKING AND FORMING PRESS

James H. Kindelberger, Inglewood, Calif., assignor to North American Aviation Corporation, Inglewood, Calif., a corporation of Delaware

Application August 7, 1936, Serial No. 94,790

2 Claims. (Cl. 164—28)



1. In a progressive pressing device, a frame, a die supporting table reciprocally mounted upon said frame, means for reciprocating the table, a cradle pivotally mounted at one end to said frame, a pressure roller journaled in said cradle in spaced relation to the cradle pivot, an idler roller journaled in the cradle, a resilient pressing member belted around the pressure and idler rollers, a driving rack carried by the table, gear means journaled upon the pivotal center of said cradle mounting and engaging said rack, driving means between said gear and pressure roller, and means for controlling the movement of the free end of the cradle toward or from the table.

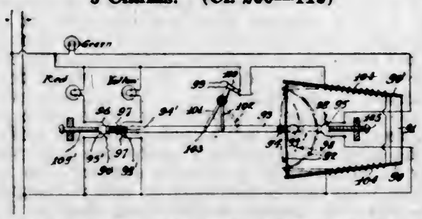
2,127,821

THERMOSTATICALLY OPERATED ELECTRICAL DEVICE

Emil Klahn, New Vernon, N. J.; Johanna Margaret Percival administratrix of said Emil Klahn, deceased

Original application July 26, 1926, Serial No. 124,917, now Patent No. 2,005,549, dated June 18, 1935. Divided and this application May 16, 1935, Serial No. 21,899

3 Claims. (Cl. 200—113)



1. In a multi-circuit thermostatic switch, heat responsive means, a snapping element moving in one direction when said means is heated and in another direction when said means is cooled, a switching mechanism movable with said snapping element, switches spaced along the path of movement of said mechanism, to be operated when engaged thereby, said switches having friction means for frictionally engaging said mechanism to resist movement thereof, said mechanism having friction means cooperating with said switch friction means to restrain movement of said mechanism until sufficient force is applied to said mechanism by said heat responsive means.

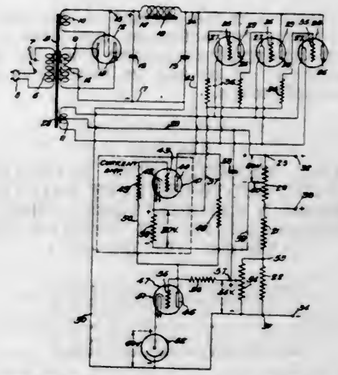
2,127,822

REGULATED POWER UNIT

Winfield R. Koch, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application January 31, 1936, Serial No. 61,777

10 Claims. (Cl. 171—312)



1. A voltage regulating power supply unit comprising a voltage supply circuit having positive and negative output leads, a voltage output resistor connected in shunt with said leads, a voltage regulating tube having its space path included serially in said last named connection and having a control grid whereby the impedance of said space path is varied, means including a grid control circuit connected with said output resistor adjacent to the positive end thereof to provide an initial negative biasing potential on said control grid, a direct current amplifier including an electric discharge device having a control grid, an anode connected with said positive supply lead, and a cathode connected with said voltage output resistor in common with said grid control circuit connection, a resistor in said last named connection providing with the resistance of said output resistor a minimum total predetermined resistance in the grid circuit of the regulating tube, means providing an adjustable tap connection adjacent to the negative end of said output resistor, a voltage amplifier tube having a control grid connected with said adjustable tap connection, and a cathode connected with the negative end of said output resistor, a voltage regulating tube in said last named connection providing substantially constant reference voltage for said unit, and means for coupling said voltage amplifier to said control grid of the direct current amplifier.

2,127,823

ICE WARNING DEVICE

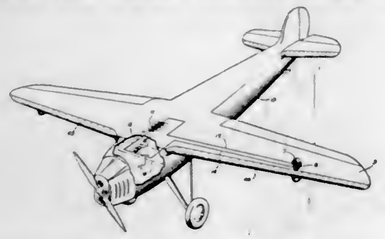
Paul Leifheit, Oswego, Ill., assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y., a corporation of New York

Application December 14, 1935, Serial No. 54,466

7 Claims. (Cl. 177—311)

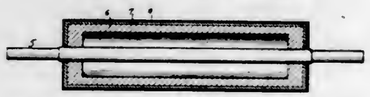
1. An ice responsive device for aircraft comprising means providing a passage for a fluid,

means in said passage for actuation in one direction by said fluid, means at the entrance of said passage upon which ice is collected when moisture is present in said fluid at freezing temperatures whereby said entrance becomes blocked by the



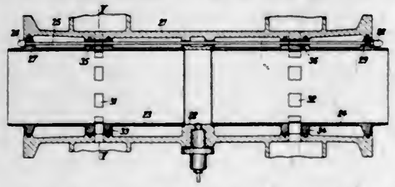
ice formation and the passage of the fluid is cut off, and means for actuating the second-named means in the opposite direction when the passage of fluid is cut off by the ice formation on said third-named means.

2,127,824
PRINTING MEMBER FOR INTAGLIO OR ROTARY PHOTOGRAVURE PRINTING
August A. Leuchter, Augusta, Maine
Application April 17, 1928, Serial No. 270,639
5 Claims. (Cl. 101—401)



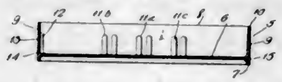
1. A printing member having a permanent base of hard, impervious, non-corrosive metal, and a thin outer layer of a different kind of metal for providing a rotary photogravure printing surface and which throughout its entire area is intimately and solidly united with such base, and which layer is of a character suitable for etching such printing surface, the outer layer being sensitive to electrolytic dissolution of its metal and the metal of the base being neutral thereto.

2,127,825
ENGINE CYLINDER
Otto Mader, Dessau-Ziebigk, Germany, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany
Application April 15, 1935, Serial No. 16,415
In Germany April 23, 1934
7 Claims. (Cl. 123—173)



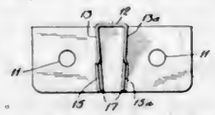
6. In a liquid cooled internal combustion engine in combination, a cooling jacket, two separate liners mounted in said jacket in axial alignment, said liners having the form of thin-walled tubes throughout that part which extends over the area of the higher temperatures and pressures, an annular flange projecting inwardly from said jacket between the adjoining ends of said liners, seats for the said liner ends formed on said flange, elastic means arranged to act on points of said liners outside of said area, for pressing said liner ends onto said seats and means for relieving said liners from the gas pressures acting on said pistons.

2,127,826
COUNTER TRAY
Pierre H. Meyer, Mount Vernon, N. Y.
Application March 14, 1936, Serial No. 68,894
3 Claims. (Cl. 206—72)



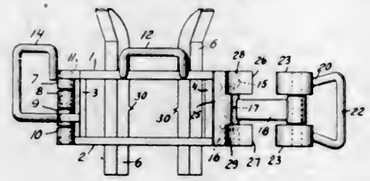
1. A merchandise display tray of the class described comprising a unitary molded rectangular body of rigid material consisting of a bottom wall and upwardly extending side and end walls having perpendicularly straight, smooth and unobstructed outer surfaces, the inner surfaces of said side walls being tapered from the bottom wall upwardly and outwardly to form relatively thin upper edges on the walls of said tray, the side and end walls joining the bottom wall by a fillet, the inner surfaces of opposed walls of said tray having pairs of inwardly projecting vertically arranged bar like lugs so placed apart as to snugly receive relatively thin partition members to be inserted therein, said lugs extending from the bottom wall of the tray upwardly and terminating at a point below the upper edges of said walls, said pairs of said lugs being arranged on the inner surfaces of both the side and end walls of the tray in directly opposed relation one with respect to the other, the side walls of the tray having a plurality of pairs of said lugs, and the inner surfaces of the walls of said tray intermediate the pairs of lugs thereon paralleling the outer surfaces of the tray.

2,127,827
PARTITION END SUPPORTING DEVICE
Pierre H. Meyer, Mount Vernon, N. Y.
Application July 31, 1936, Serial No. 93,611
1 Claim. (Cl. 312—140)



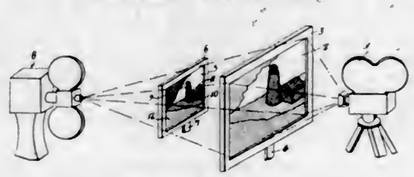
An end support for partitions of the class described comprising a base plate of sheet material having a smooth upper surface, a substantially rectangular U-shaped clip of a width substantially equal to the width of the base plate and consisting of spaced side walls joined at one end by a cross head, the cross head being perpendicular to and integral with one side edge of the base plate with the side walls of said clip arranged over the base plate intermediate the ends thereof, the lower edges of the side walls being arranged in spaced relation to the upper surface of the base plate to provide free and unlimited flexure of said side walls upon the upper surface of the base plate, means whereby the base plate may be attached to a suitable support, the free end portions of the side walls of said rectangular clip being of greater height than that part of the walls joining said cross head to form upwardly projecting lips or flanges, and said lips or flanges being flared laterally to provide free insertion of a partition in said clip.

2,127,828
WELDING CLAMP
George Robert Milton, Arp, Tex., assignor to Sinclair Prairie Oil Company, Tulsa, Okla., a corporation of Maine
Application December 28, 1935, Serial No. 56,524
1 Claim. (Cl. 113—102)



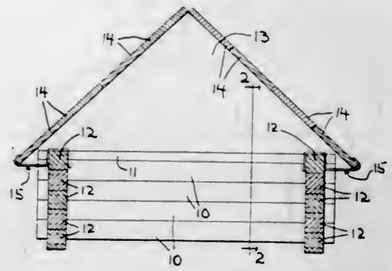
A device for holding tubular casings or pipes in aligned relation for welding, comprising a pair of arcuate members, each comprising upper and lower, longitudinally-spaced, circumferentially-extending ring sections and longitudinally-extending circumferentially-spaced connecting members rigidly secured to said ring sections, a hinge connection between said arcuate members at one side, means for clamping the other sides of said members firmly together and about a casing or pipe, circumferentially-spaced, longitudinally-extending centering and aligning bars, each having at least a portion thereof extending inwardly of said ring sections, the ends of said aligning bars at one side of the device projecting longitudinally beyond their adjacent ring section and being flared outwardly to provide inwardly-converging surfaces for guiding a pipe into said device after said device has been secured about another pipe, and inwardly-directed tapered projections extending across the inner side of said aligning bars and positioned between said ring sections for slightly spacing adjacent ends of casing or pipes clamped in said device.

2,127,829
METHOD OF PRODUCING COLOR EFFECTS IN PHOTOGRAPHY
Willis H. O'Brien, Los Angeles, Calif.
Application April 28, 1936, Serial No. 76,775
2 Claims. (Cl. 88—16.4)



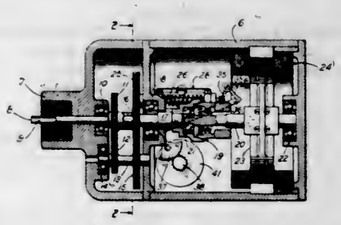
1. The method of producing colored photographic effects in motion pictures, which consists in photographing with a color camera a scene having portions of said scene lighted with a predetermined light intensity to cause said color camera to register said portions of said scene, preventing said color camera from registering other portions of said scene, photographing another scene, adding portions of said other scene to the color film produced by said color camera by projecting said second scene upon a screen, coloring said image projected onto said screen or selected portions thereof with desired color values, and re-exposing said color film in a color camera to photograph said projected and colored image on said screen upon the unexposed portions of said color film.

2,127,830
TOY BUILDING CONSTRUCTION
Nils I. Paulson, Chicago, Ill., assignor to Halsam Products Company, Chicago, Ill., a corporation of Illinois
Application April 5, 1937, Serial No. 135,052
1 Claim. (Cl. 46—20)



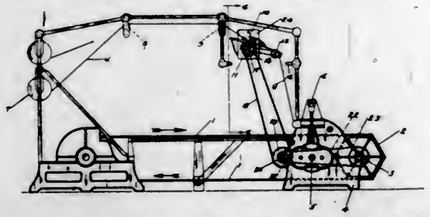
In a toy building construction, the combination of a plurality of logs in crossed relationship to each other and having notches in their faces at a short distance from their ends for providing interlocking engagement with each other, gable members at opposite ends of the building having oppositely sloping end faces and extending at their ends beyond the outer faces of the side walls of the building, roofing boards mounted on said gable members at opposite sides of the building, and clips formed of metal strips bent into the form of sockets adapted to have a strong grip on the upper logs of the side walls of the buildings and extending sidewise from the sockets and bent to provide hooks at a substantial distance outwardly beyond the ends of the gable members so as to engage the lower edges of said roofing boards for holding said boards in position on said gable members.

2,127,831
CENTRIFUGAL ELECTRIC TACHOMETER
Wladimir A. Reichel, Bellerose, and Morris F. Ketay, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application February 4, 1937, Serial No. 124,150
6 Claims. (Cl. 175—183)



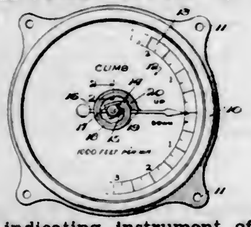
6. A speed indicating device comprising centrifugal means motivated in proportion to the speed to be indicated, self-synchronous means comprising a relatively movable field and armature, an alternator supplying energy to said field, means maintaining said alternator at constant speed, said centrifugal means controlling the movement of said field, and means for connecting said device to an engine, said last means controlling both said centrifugal means and said constant speed means.

2,127,832
MACHINE FOR STAPLING BINDING WIRE TO BOX PARTS
Alfred L. Rosenmund, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware
Application December 6, 1934, Serial No. 756,219
10 Claims. (Cl. 1—8.2)



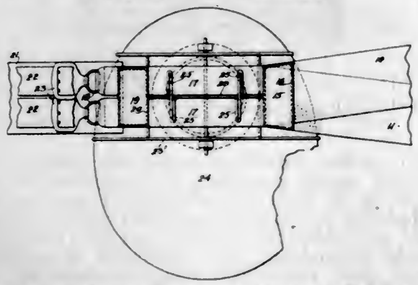
1. In a machine of the character described, the combination of stapling mechanism to staple binding wire to box parts, means to feed binding wire to the stapling mechanism, and means to control said feeding means in accordance with the back pull of the binding wire at the stapling point.

2,127,833
RATE OF CLIMB INDICATOR
Gregory V. Rylsky, New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 17, 1936, Serial No. 101,347
11 Claims. (Cl. 264—1)



1. In an indicating instrument of the class described, a pressure responsive element comprising a curved strip and a diffusing layer for said strip, said layer and said strip forming between them a pressure chamber.

2,127,834
COLOSTOMY POUCH APPARATUS
Isaiah F. Spindell, Lynn, Mass.
Application December 18, 1934, Serial No. 758,062
3 Claims. (Cl. 128—283)



1. A colostomy pouch apparatus having, in combination, a pouch-supporting wire cage for removably holding a pouch in position against the body of the wearer, and a waistband consisting of two longitudinally elastic webs of equal length disposed side by side in overlapped relationship throughout their lengths with their intermediate back-engaging portions disposed relatively parallel and partially overlapped and with opposite pairs of proximate end portions of said webs converging toward each other and having their extremities disposed in superposed relation, a transverse stay at the junction of each pair of converging end portions with said parallel intermediate portions and fastened to both of said webs so as to maintain the intermediate portions of the latter normally parallel and partially overlapped, means fastening the extremities of each pair of end portions in superposed relation, and means for separably attaching the opposite superposed ends of the webs to said pouch-supporting wire frame.

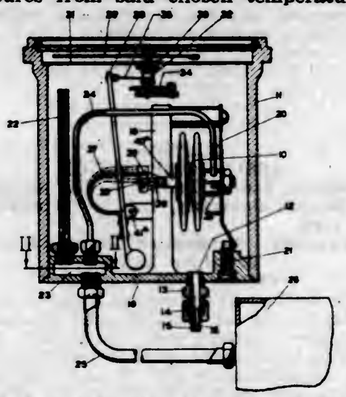
2,127,835
GAUGE ROD
Miles E. Tower, Spokane, Wash.
Application March 8, 1938, Serial No. 194,598
6 Claims. (Cl. 33—126.7)



1. The combination with a measuring rod, its rigid stem and handle, and a housing rigid with the stem, of a tube telescoping within said housing and enclosing the rod, and coacting means on the tube and rod for limiting outward movement of the tube, a wiping device mounted in the telescopic tube for co-action with the rod, a spring-device engaging the rod and the wiping device urging the tube to its outermost position, and means on the housing retaining the tube in telescoped position.

2,127,836
RATE OF CLIMB INSTRUMENT
Adolf Urfer, New Rochelle, N. Y., assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y., a corporation of New York
Application February 25, 1936, Serial No. 65,713
6 Claims. (Cl. 264—1)

1. In a rate of climb indicator for aircraft, the combination of an expansible diaphragm device operated in accordance with changes in altitude, a capillary tube connected to the interior of said diaphragm device for providing a restricted flow of air from said device in accordance with the rate of change of altitude, and indicating means operated by said device for indicating said rate of change of altitude, said capillary tube having a passage of such area as to properly restrict the air flow at a chosen temperature and being composed of a material having a coefficient of expansion of the order of 0.000035 so that the cross-section of the capillary passage is changed under departures from said chosen temperature sufficiently to compensate the action of the rate of climb indicator by taking into account changes in the viscosity of the air due to temperature changes to provide correct indications under varying temperature conditions.



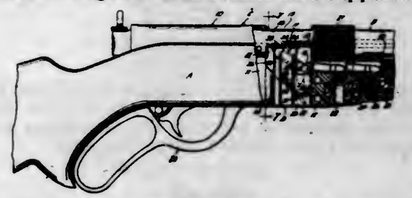
2,127,837
BUILDING CONSTRUCTION
Charles S. Wensel, Houston, Tex., assignor of one-fifth to J. P. Markham, Jr., and two-fifths to M. C. Jarvis, both of Houston, Tex.
Application September 25, 1936, Serial No. 102,444
8 Claims. (Cl. 72—46)



1. In a building construction a support member, a bendable strip attached thereto and having an edge thereof bent outwardly therefrom to form a flange, a filler strip lying within the angle thus formed, and fastener means passing through one of the flanges of said channel to secure the filler strip therein.

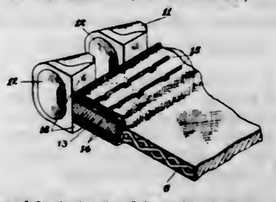
2,127,838
REPEATING FIREARM
Marriner A. Browning, Ogden, Utah, assignor to J. M. & M. S. Browning Company, Ogden, Utah, a corporation of Utah
Application July 27, 1936, Serial No. 92,822
8 Claims. (Cl. 42—17)

1. In a firearm, a barrel, a tubular magazine therebeneath, a frame enclosing a breech block movable towards and from the rear end of the barrel, a carrier pivoted to said frame for movement from cartridge receiving position with respect to the magazine to cartridge delivering position with respect to said barrel and vice versa, interengaging means between said carrier and breech block for initiating upward and downward movements of said carrier, a spring guide bearing at one end against said carrier and supported at



its other end in said frame whereby said first mentioned end may be moved vertically with the carrier, and a coiled spring about said guide and adapted to move said carrier to each of its extreme positions when the end of said guide in engagement with said carrier is moved past center.

2,127,839
SEPARABLE INTERLOCKING FASTENER AND METHOD OF MAKING THE SAME
Alfred E. Carlile, Meadville, Pa., assignor to Talon, Inc., a corporation of Pennsylvania
Application July 12, 1933, Serial No. 680,107
2 Claims. (Cl. 24—205)

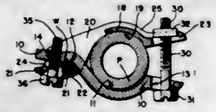


1. A separable interlocking fastener of the class described comprising a pair of flexible supports, cooperating series of fastener members arranged in uniformly spaced relation along the edge of said supports, said members being made from non-metallic material having portions projecting from the tape adapted to interlock with similar members on the opposite tape, and other relatively thin flat portions overlapping said support, said thin portions having curved extensions extending longitudinally along the tapes to provide a substantially continuous line of the non-metallic material, and a continuous row of stitches passed through said flat portions to hold them in position on said tapes.

2,127,840
GROUNDING FITTING
Lewis H. Church, Westfield, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a corporation of New Jersey
Application September 24, 1937, Serial No. 165,449
4 Claims. (Cl. 173—273)

3. A grounding fitting for a grounding wire comprising a pair of clamping members, a hinge bearing upon each clamping member which hinge bearings are opposed to each other so that a grounding wire received therebetween is engaged on directly opposite surfaces thereof, the hinge bearings being bulged in the same direction to provide substantially parallel bearing surfaces, at least one hinge bearing being a groove facing towards the other hinge bearing which groove is adapted to receive a wire to be grounded, clamping seats upon the clamping members between which a metallic conductor is adapted to be clamped, operating means to force the clamp-

ing members together to grip the metallic conductor between the clamping seats and grip the grounding wire between the hinge bearings and within the groove, and a second operating screw



engaging an end of each clamping member adjacent to the hinge bearings to assist the first operating means in bending the grounding wire to conform to the bulged hinge bearings.

2,127,841

CONDENSATION PRODUCTS OF HIGH MOLECULAR ALBUMINOUS SPLIT PRODUCTS

Walter Gellendien, Berlin-Charlottenburg, Germany, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany, a corporation of Germany

No Drawing. Application January 15, 1935, Serial No. 1,900. In Germany January 16, 1934

7 Claims. (Cl. 260—121)

1. Textile treating agents consisting of the alkaline condensation products of water soluble higher molecular products of simple hydrolysis of albuminous materials containing amino groups with a replaceable hydrogen atom, with a compound selected from the group consisting of the compounds of the general formula

$$\text{Halogen—C}(R_1R_2)\text{—CO—X}$$

wherein X stands for a $—OR_3$ group or a $—N(R_3R_4)$ group, at least one of the R_1, R_2, R_3 and R_4 groups stands for a higher molecular aliphatic group, the remaining three R's being hydrogen or a hydrocarbon group, and compounds of the general formula

$$\text{Halogen—CO—}R_5\text{—Y—}R_6$$

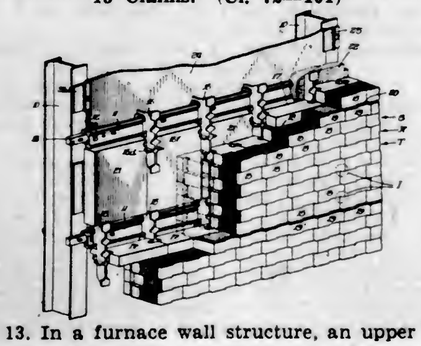
wherein R_5 stands for a hydrocarbon group and R_6 stands for a hydrocarbon group and at least one of the two groups contains no less than 8 carbon atoms in an aliphatic hydrocarbon chain, and wherein Y stands for one of the atoms or atom groups O, S, SO_2, NR_7, $CONR_7$, NR_7CO or NR_7SO_2, wherein R_7 stands for hydrogen or a hydrocarbon group.

2,127,842

FURNACE CONSTRUCTION

Louis H. Hosbein, Glencoe, Ill., assignor to M. H. Detrick Company, Chicago, Ill., a corporation of Delaware

Application June 15, 1935, Serial No. 26,766
Renewed December 8, 1937
13 Claims. (Cl. 72—101)



13. In a furnace wall structure, an upper tile anchoring member for a single tile column, an independent lower tile support and anchoring member spaced from said upper anchoring member, an upper refractory tile engaging said upper tile anchoring member, a lower tile resting on and engaging said lower support and tile anchoring member, and a series of intermediate tiles interlocked with said upper and lower tiles and with each other.

2,127,843

CASEIN COMPOSITION

Carl Iddings, Staten Island, N. Y., assignor to The Muralo Company, Inc., a corporation of New York

No Drawing. Application August 30, 1935, Serial No. 38,666
4 Claims. (Cl. 134—12)

1. The method of improving a casein solution characterized by its stability and substantially undiminished viscosity over long periods of time comprising treating the same at temperatures exceeding approximately 170° F. and subsequently subjecting said solution to the action of sodium perborate at a relatively reduced temperature to produce an improved color.

2,127,844

DOUBLE SILICATES OF ZIRCONIUM AND METHODS OF MAKING SAME

Charles J. Kinzie, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application June 12, 1934, Serial No. 730,265
4 Claims. (Cl. 23—110)

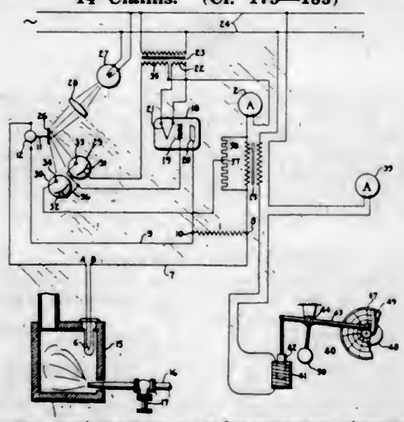
1. The method of making a double silicate of zirconium which consists in heating a charge composed of finely-milled zirconium silicate and zinc oxide at temperatures below fusion but sufficiently high to secure a substantially complete reaction and decomposition of the zirconium silicate to form a zinc zirconium silicate ($ZnZrSiO_5$).

2,127,845

MEASURING APPARATUS

John D. Ryder, Cleveland, Ohio, assignor to Bailey Meter Company, a corporation of Delaware

Application March 25, 1933, Serial No. 662,848
14 Claims. (Cl. 175—183)



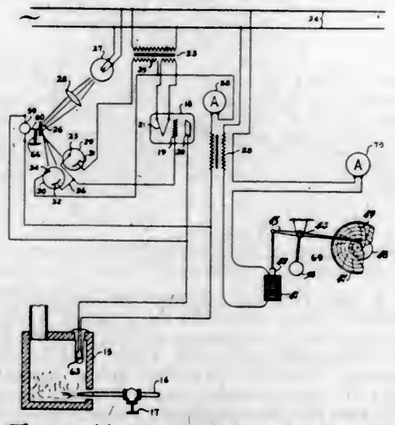
1. In combination, a galvanometer circuit including a galvanometer, a resistance, and a voltage generator; a measuring circuit including said resistance, a source of current, an electronic discharge device, and a current measuring instrument in circuit with the said device; and means controlled by said galvanometer for electrically controlling the effective resistance of said device.

2,127,846

MEASURING APPARATUS

John D. Ryder, South Euclid, Ohio, assignor to Bailey Meter Company, a corporation of Delaware

Original application March 25, 1933, Serial No. 662,848. Divided and this application January 2, 1936, Serial No. 57,158
13 Claims. (Cl. 175—183)



1. The combination with a galvanometer having a movable member, of means for producing a deflection of said member, said means including a variable impedance and a source of current associated with the galvanometer for producing a potential effective for deflecting the member, an electron discharge device having an input circuit and an output circuit, said output circuit including the source of current and the impedance, and means controlled by the movable member for regulating the energization of the input circuit.

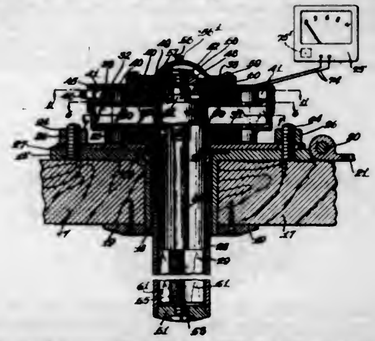
2,127,847

NAUTICAL INSTRUMENT

Fritz Schulte, Philadelphia, Pa., assignor to John L. H. Hand, Bala-Cynwyd, Pa.

Application March 14, 1936, Serial No. 68,971
7 Claims. (Cl. 73—122)

1. In a device for integrating boat speed with respect to the water through which the boat is travelling, an electric counter, an electric circuit for operating the counter, a self-contained unit having an intermediate flange to be located inside a boat about an opening through a submerged portion of the boat wall, having a tubular casing to extend outwardly from the flange through the opening into the water and, on the boat interior side of the flange, the unit having a hollow head member closing and externally re-entrant with respect to the inner end of the casing and interiorly sealed from the casing interior and the self-contained unit including a rotor inside the tubular casing and having inwardly of the flange pivot support in the head member and outwardly of the flange having an operating vane for operating by exposure to the water through which the boat is passing, cooperating contacts within the head included in the electric circuit, a speed reduction train of gears within the head for making and breaking the contacts and a magnetic coupling between the rotor and head operating the speed reduction



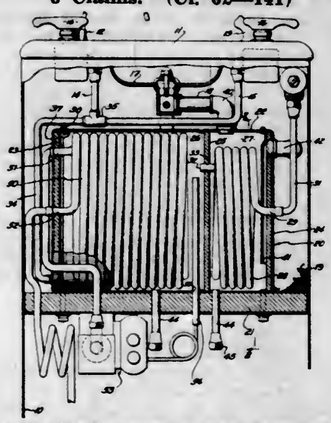
gears, said coupling including a magnet inside the head above the said pivot-support of the rotor and a cooperating magnet on the inner end of the rotor radially spaced from the inwardly extended pivot of the rotor.

2,127,848

LIQUID DISPENSING DEVICE

Lawrence C. Smith, Kenmore, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.

Application December 19, 1936, Serial No. 116,765
3 Claims. (Cl. 62—141)



1. In a liquid dispenser, a tank having a metallic partition forming two thermally connected chambers therein, refrigeration means associated with one chamber, a radiator disposed in the remaining chamber and having a liquid inlet connected externally of the chamber to a liquid supply source and a liquid outlet directed into said first chamber, a draught arm extending from said first chamber, a waste conduit adapted to direct waste liquid received from the draught arm into said remaining chamber, and a drain conduit communicating with said remaining chamber.

2,127,849

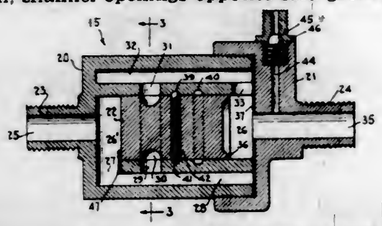
LEAK CHECK FOR HYDRAULIC BRAKES

R. Harry Stone, Bound Brook, N. J., assignor to Titeflex Metal Hose Co., a corporation of New Jersey

Application September 11, 1937, Serial No. 163,400
5 Claims. (Cl. 303—84)

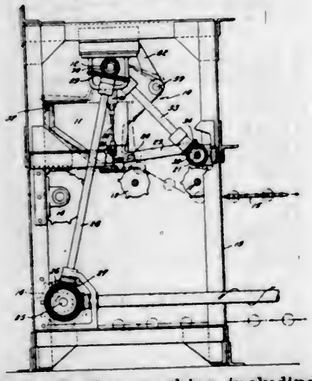
1. In a device of the character described comprising a cylinder provided with a piston cham-

ber having a supply port and a transmission port for pressure fluid and an axially directed channel connecting with each port, a reciprocable piston in said chamber, one end thereof facing said supply port and the other end facing said transmission port, a circumferential groove in said piston, channel openings opposite said groove for



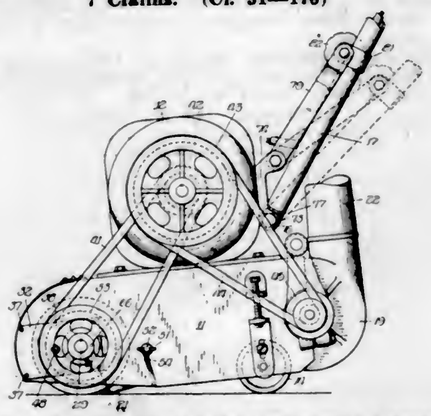
a communication of the fluid from one of said channels to the other channel and resisting means to maintain said piston in normal position, when the fluid pressure is substantially the same in both the supply and the transmission channel and to furthermore maintain said piston in abnormal position, after it has been moved by a difference in pressure in a direction away from said supply port.

2,127,850
CONFECTION MACHINE
William J. Taylor, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Application June 23, 1936, Serial No. 86,719
18 Claims. (Cl. 107—29)



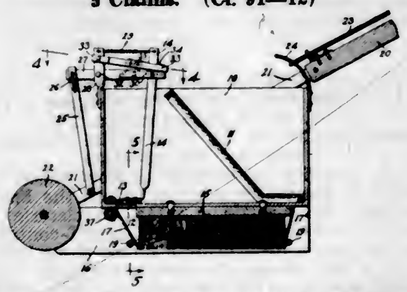
1. In a confection machine including a conveyor, a plurality of mold carriers transported thereby and means for advancing said conveyor continuously, a filling unit comprising a tank pivotally supported above the conveyor and adapted to oscillate longitudinally thereof, said tank including a hopper, a plurality of filling cylinders therein, a plurality of filling nozzles in alignment with said cylinders, plungers in said cylinders, movable valve mechanism which in one position connects the cylinders with the hopper and in another position connects the cylinders with the nozzles and means for actuating said pistons and valve mechanism in timed relation, the pistons being raised when the valve mechanism is in the position to connect the hopper and cylinders and lowered when the valve mechanism is in the position to connect the cylinders and nozzles, and means for oscillating said tank whereby the nozzles, during part of the movement of the tank, travel in register with a mold carrier on the conveyor at which time the nozzles are connected with the cylinders, the pistons thereof are lowered and the molds of the carrier are filled.

2,127,851
FLOOR SURFACING MACHINE
Frederick E. Wadhams, Chicago, Ill., assignor to Lincoln-Schlueter Floor Machinery Co., Inc., Chicago, Ill., a corporation of Illinois
Application November 1, 1935, Serial No. 47,863
7 Claims. (Cl. 51—176)



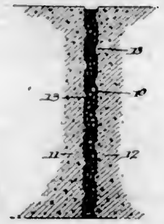
3. A floor treating machine including a frame, a treating drum mounted on a shaft, a driving belt connected with said shaft and bearing housings journalled onto said shaft and including elongated radially extending plate structures, means for securing said plate structures rigidly to said frame but removable in a radial and sidewise direction whereby said treating element and bearing housings may be removed as a unit from said frame and belt for replacement by another such unit with a different treating element.

2,127,852
FIELD MARKER
Lee H. Adamson, West Los Angeles, Calif.
Application March 1, 1937, Serial No. 128,415
5 Claims. (Cl. 91—12)



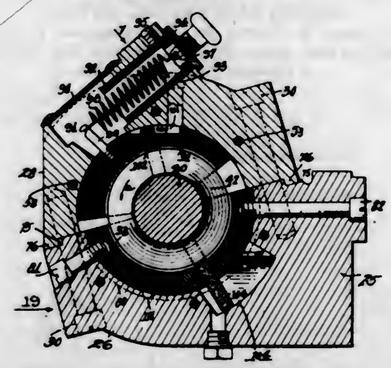
5. A marker including a reservoir of box form having a marking brush secured lengthwise along its bottom, a carrier wheel connected to the forward end of said reservoir by short pivotal arms to permit said wheel to move up and down relative thereto, a handle connected to said wheel and extended rearwardly and upwardly to the operator, a valve-controlled outlet from said reservoir to said brush, fixed side members at opposite sides of said reservoir adapted to slide upon the surface being marked to prevent tilting, and means for detachably connecting the handle to said reservoir for lifting said reservoir bodily on said wheel.

2,127,853
EXPANSION JOINT
Harry M. Austin, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application November 6, 1936, Serial No. 109,587
6 Claims. (Cl. 94—18)



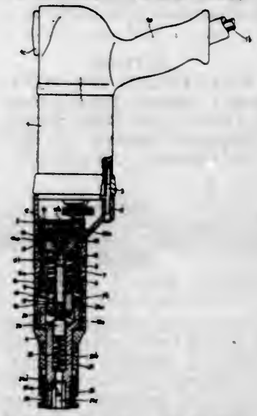
1. Expansion joint material having its surface formed with a plurality of portions offset from the main plane of the surface and connected thereto by walls inclined throughout their area, said portions being arranged in rows with adjacent portions at angles to the others.

2,127,854
SELF-ADJUSTING SPINDLE BEARING
Stanley W. Bath, Shrewsbury, and Harvey M. Allison, Worcester, Mass., assignors to John Bath & Company, Worcester, Mass., a corporation of Massachusetts
Application April 15, 1936, Serial No. 74,526
1 Claim. (Cl. 308—66)



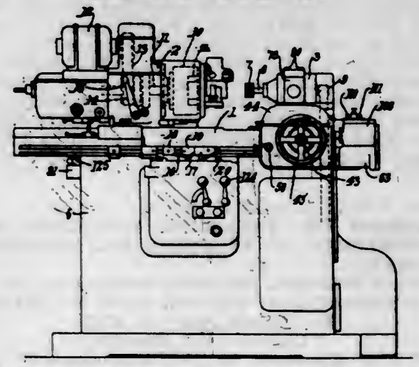
In a machine tool, a spindle having a normal direction of rotation and a bearing therefor comprising a bearing support and a cap having internal segmental cylindrical surfaces of equal radius, means to secure said support and cap together with the axis of one cylindrical surface offset laterally from the axis of the other cylindrical surface, a fixed bearing member having concentric inner and outer surfaces and secured in said support, a movable bearing member having eccentric inner and outer surfaces and mounted for angular movement in said cap but with the axes of the inner surfaces of said fixed and movable members concentric and with said inner surfaces in direct bearing engagement with said spindle, and a spring to move said movable bearing member in a direction opposite to said normal direction of spindle rotation to an angular position in which the force of said spring is balanced by the frictional drag of the spindle on said movable bearing member.

2,127,855
POWER-OPERATED TOOL
Ernst Baumgratz, Franz Kratz, and Hermann Steinhart, Stuttgart, Germany, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany
Application September 28, 1934, Serial No. 746,008
In Germany October 4, 1933
5 Claims. (Cl. 64—29)



1. In a device of the character described, a rotatable driving member, a driven member rotatable and slidable relative thereto and coaxial therewith, one of said members carrying a plate provided with radial semi-cylindrical grooves in the face thereof and annular collars provided with cylindrical openings in alinement and registering with said grooves, cylindrical clutch rollers rotatably mounted in said grooves and openings and bearing against the complementary surfaces of said grooves, the other member being provided with a plurality of recesses adapted to receive said rollers and thereby couple together said members, and resilient means urging said members together but permitting relative axial displacement thereof to disconnect said rollers from said recesses when the torque between said members exceeds a predetermined maximum.

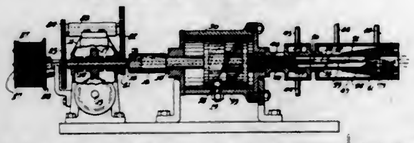
2,127,856
GRINDING MACHINE
Harold L. Blood, Worcester, Mass., assignor to The Heald Machine Company, Worcester, Mass., a corporation of Massachusetts
Application December 21, 1936, Serial No. 116,879
19 Claims. (Cl. 51—95)



1. In a grinding machine, a spindle having a

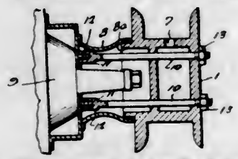
wheel thereon, a member in which said spindle is journalled, a work-supporting member having a workpiece mounted therein, means for procuring a relative movement between said members, means for supporting one of said members for movement relative to the supporting structure upon engagement between the wheel and the workpiece, and means responsive to said movement relative to the supporting structure for procuring a change in the machine operation.

2,127,857
EXTRUDING MACHINE
William G. Bond, Wilmington, Del.
Application January 26, 1933, Serial No. 653,730
Renewed January 27, 1937
29 Claims. (Cl. 18—13)



20. In an extruding machine, a worm for feeding material into a forming tube, a shaft for driving said worm, a bearing for said shaft, said bearing constituting one end of the forming tube, a support for said bearing, a follower on said support positioned adjacent said shaft and adapted to turn on an axis normal to the shaft, a cam surrounding said shaft and fixed thereto for cooperating with said follower whereby said shaft is reciprocated as it is turned, and means for turning the same.

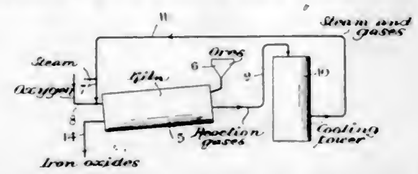
2,127,858
AUTOMOBILE EXTRACTOR
James C. Coleman, Magnet, Manitoba, Canada
Application August 18, 1936, Serial No. 96,676
1 Claim. (Cl. 242—95)



A device of the class described for attachment to a wheel having a hub and threaded studs extending from said hub, said device comprising a cylindrical drum having a closed front end and an intermediate internal web extending transversely thereof, means for securing said drum to said hub comprising rods extending through said end and web and having rear end sockets threaded on to said studs, nuts threaded on to the outer ends of said rods, respectively, and a cylindrical spacer intermediate the hub and drum clamped therebetween, said drum having a concentric annular flange on the rear side thereof over which the front edge of said spacer is fitted to axially align the spacer with the drum and hub.

2,127,859
METHOD OF TREATING ARSENIDE AND MIXTURES OF ARSENIDE AND SULPHIDE ORES
Paul D'Aragon, Montreal, Quebec, Canada
Application June 18, 1936, Serial No. 85,912
In Canada June 18, 1935
3 Claims. (Cl. 23—224)

2. The process of treating a mixture of iron arsenide and sulphide ores to produce iron oxides, elementary sulphur and orpiment which comprises continuously passing the ore through a kiln in which it is heated to a temperature above 750° C. in the absence of reducing agents, continuously passing a mixture of steam, oxygen and sulphur dioxide through the kiln in countercurrent contact with the heated ore and in such proportions as to promote reactions resulting in complete oxidation of the iron content of the ore and in the production of elementary sulphur and orpiment in the gaseous state substantially in

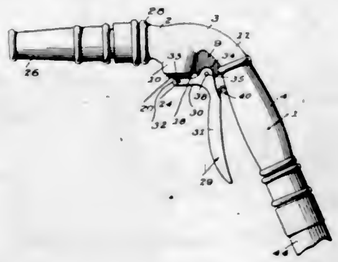


accordance with the following equation

$$16FeAsS+4FeS_2+4SO_2+11O_2+16H_2O=10Fe_2O_3+8As_2S_3+2S_2+16H_2O$$

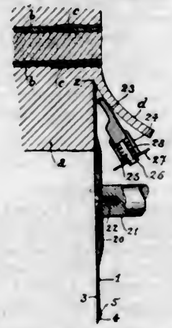
continuously withdrawing the iron oxides from one end of the kiln, continuously passing the reaction gases from the opposite end of the kiln to a cooling tower where the gases are cooled sufficiently to precipitate the elementary sulphur and orpiment and continuously returning to the kiln the gases remaining in the cooling tower after the recovery of the elementary sulphur and orpiment.

2,127,860
LIQUID DISPENSING DEVICE
George B. Davis, Jr., Washington, D. C.
Application June 22, 1937, Serial No. 149,762
4 Claims. (Cl. 221—84)



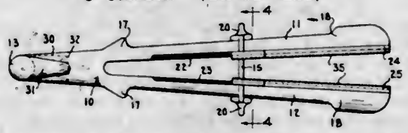
1. In a device for the purpose set forth, a casting including an intermediate portion, a forward end portion and a rear end portion arranged in depending relation with respect to said intermediate portion and providing a hand grip, said casting being formed with a channel from end to end thereof, a valve seat on the wall of said channel intermediate the ends of the latter and a valve chamber spaced from and aligning with said seat, the channel being of decreasing diameter from the inlet end to the valve chamber and of increased and uniform diameter from the exit of the valve chamber, a bodily slidable valve structure mounted in said chamber for coacting with said seat to close said channel, said structure depending at its lower end from said chamber, and a spring controlled angle-shaped pressure operated lever pivotally suspended from said intermediate portion forwardly of said hand grip and being slidably connected to the lower end of said structure.

2,127,861
TOOL FOR CUTTING UP INTO SLICES PRODUCTS HAVING SOFT AND HARD PARTS
Lucien Gandriaut, Lyon, France
Application July 26, 1935, Serial No. 33,420
In France July 30, 1934
2 Claims. (Cl. 146—102)



1. A tool for cutting into slices a product having soft and hard parts comprising a blade having a cutting edge adjacent to a smooth face and another face having a marginal toothed portion for sawing the hard parts of said product, and the edge of the said marginal toothed portion opposite to the said cutting edge being adjacent to a part which makes with the virtual prolongation of the said toothed face an angle greater than the angle of the said toothed portion with the smooth face, the said part being thus adapted for clearing away the fragments of hard matter resulting from the sawing of said toothed portion.

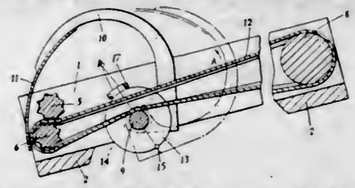
2,127,862
LINE STRETCHER
Ernest Christian Gebs, New York, N. Y.
Application August 16, 1937, Serial No. 159,383
9 Claims. (Cl. 24—126)



8. A device of the type described comprising a V-shaped member having a pair of relatively movable extended arms, an annulus circumscribing and abutting against the arms of said member and movable thereupon, the opening of said annulus being such that movement thereof along said arms causes the free ends of said arms to approach each other, a gripping element slidingly mounted on the inner face of each of said arms, attached to and movable in conjunction with said annulus, whereby objects, when gripped between said elements and moved outwardly relative to the V-shaped member, cause the annulus to be advanced along the exterior surfaces of the arms whereby the gripping elements engage objects positioned therebetween more tightly and vice versa.

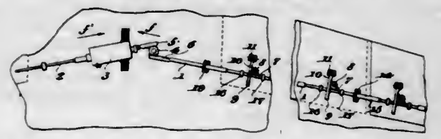
2,127,863
RECTILINEAR FIBER COMBING MACHINE
Percy Joseph Gillespie, London, England
Application December 18, 1937, Serial No. 180,645
In Great Britain December 29, 1936
7 Claims. (Cl. 19—115)

1. In a rectilinear fiber combing machine, the combination with the endless drawing-off band, the oscillatable upper sword shaft disposed transversely to the band and the sword-carrying arms secured to the shaft one adjacent each edge of the band, of a pair of constraining members, each lo-



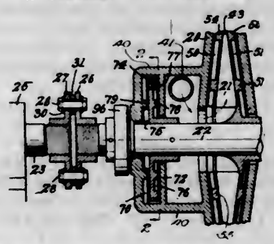
cated on the sword shaft between one of the arms thereon and the adjacent edge of the band and presenting a smooth surface to engage said edge in the event of the band creeping transversely.

2,127,864
CONTROL DEVICE FOR THE FLAPS OF AIRCRAFT
René Girard, Bourges, France, assignor to Compagnie des Avions Hanriot, Paris, France, a corporation of France
Application January 30, 1937, Serial No. 123,288
In France February 25, 1936
2 Claims. (Cl. 244—83)



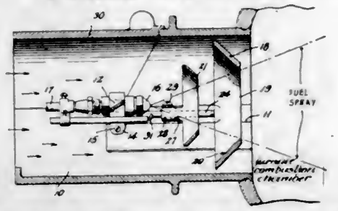
1. In an airplane wing having a split flap hinged on the wing and an aileron on which another split flap is hinged, means for simultaneously controlling all of said split flaps comprising a rectilinear rod extending throughout the entire spread of the wing and serving as the axis of rotation of the aileron, toothed racks carried by said rod, pinions meshing with said racks, and transversely extending bars connected to said split flaps at one end and provided with toothed racks at the other end meshing with said pinions.

2,127,865
SEAL FOR CENTRIFUGAL PUMPS
Robert H. Goddard, Worcester, Mass.
Application August 31, 1934, Serial No. 742,251
2 Claims. (Cl. 286—9)



1. In a centrifugal pump operating under suction and having separate intake and discharge portions, an impeller shaft having a disc thereon, a casing having a partition, vanes fixed on said casing at the side of said disc more remote from the pump intake, and additional vanes mounted on each side of said movable disc, the movable vanes on the side of the disc adjacent the fixed vanes being of less outside diameter than the inner diameter of said fixed vanes.

2,127,866
NOZZLE STRUCTURE FOR BURNERS FOR LIQUID FUEL
Alfred Robert Haase, Hollis, N. Y.
Application October 5, 1935, Serial No. 43,697
4 Claims. (Cl. 158—76)



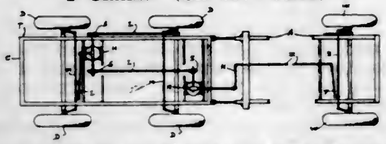
1. A liquid fuel burner including a spray tip from which the fuel is ejected under pressure in the form of a conical spray, a tubular casing surrounding said spray tip and having an air intake at its rear end and communicating with the combustion chamber of a furnace at its forward end, a pair of longitudinally spaced rearwardly flared rear and forward hollow frusto-conical deflector members, the forward member defining a port of greater diameter than the diameter of the port of the rear member and said members being arranged within said casing with the periphery of the rear member in spaced relation with the inner wall thereof, said rear member being adjustable towards and away from the forward member and towards and away from the spray tip for controlling intermixing of the air and the fuel spray as the mixture is projected into the combustion chamber of the furnace.

2,127,867
METHOD OF FORMING POROUS BODIES
Allen M. Harvey, Olean, N. Y.
Application March 26, 1936, Serial No. 71,003
5 Claims. (Cl. 25—156)



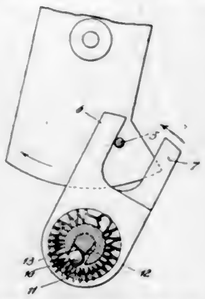
1. A method of making porous bodies, which includes mixing 15% to 20% by volume of clay and 80% to 85% of combustible granules, adding water to the mixture to form a plastic mass, forming the mass into bodies of the shape desired, placing one face of each body upon a heat insulating support, and applying heat at gradually increasing temperatures to the opposite face of each body to form in said body a series of pores connected to said opposite face thereof by passages formed by gas pressure resulting from the combustion of said granules.

2,127,868
TRAILER STEERING MECHANISM
James M. Huffman, Oriand, Calif.
Application November 23, 1936, Serial No. 112,398
1 Claim. (Cl. 280—33.55)



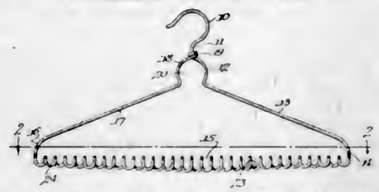
The combination with an automobile and its steering mechanism, a trailer having front and rear sets of steering wheels, steering mechanism for each set of wheels, rotatable steering heads secured on the trailer below the horizontal plane occupied by the chassis of the trailer, one of said steering heads being disposed adjacent the rear axle of the trailer and the other adjacent the front axle of the trailer on opposite sides of a line passing longitudinally through the center of the trailer, a link disposed on a line passing through the longitudinal center of the trailer with its opposite ends connected to the steering heads, links projecting from the rear steering head to the steering mechanism of both sets of wheels of the trailer, and means connecting one of the steering heads to the steering mechanism of the automobile.

2,127,869
TUMBLER CONTACT
Helmut Junghans, Eckenhof in Sulgen, near Schramberg, Germany
Application May 4, 1936, Serial No. 77,892
In Germany April 3, 1935
6 Claims. (Cl. 200—86)



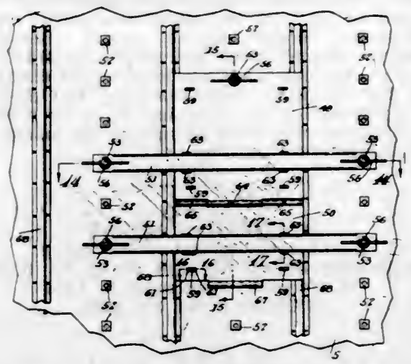
1. In a device of the character described, a spindle having a pair of flat portions thereon with an axially disposed dividing edge therebetween, a bush mounted on the said spindle and having a radial bore, a rocking member mounted to rock on the said spindle, said bush and rocking member being secured to each other, at least one ball in the said bore of the bush, and a helical spring surrounding the said bush to form a complete ring and pressing the said ball resiliently against the said flat portions on the spindle.

2,127,870
GARMENT HANGER
Clarence E. Kennedy, Pampa, Tex.
Application July 29, 1937, Serial No. 156,410
6 Claims. (Cl. 223—88)



1. A hanger of the class described having a substantially horizontally disposed supporting member, said member being provided with alternately opened transversely arranged loop portions bent medially of their width to constitute a rounded top surface and downwardly inclined arms, whereby a garment carried by the supporting member is prevented from falling off or from being wrinkled.

2,127,871
APPARATUS FOR STOPPING LEAKS IN SHIPS
Vassil Raynovich Kozloff, Los Angeles, Calif.
Application September 4, 1935, Serial No. 39,119
7 Claims. (Cl. 114—227)



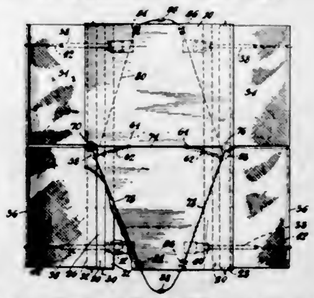
1. Apparatus for stopping leaks in vessels comprising a sheet of rubber placed over a hole in the hull of a ship, a fabric sheet vulcanized to the back of said rubber sheet, strips vulcanized to said fabric sheet and said rubber sheet along the edges thereof, said strips and said sheets being provided with openings extending therethrough, internally threaded sockets permanently secured to the hull beneath the strips, studs externally threaded throughout their entire length adapted to be threaded in the sockets and projecting through the openings in the strips, and nuts threaded on said studs against the strips to clamp the sheet of rubber against the hull over the hole.

2,127,872
VACUUM MASSAGING APPARATUS
Nikolaus Kutz, Cologne, Germany
Application February 12, 1937, Serial No. 125,485
In Germany October 13, 1936
1 Claim. (Cl. 128—300)



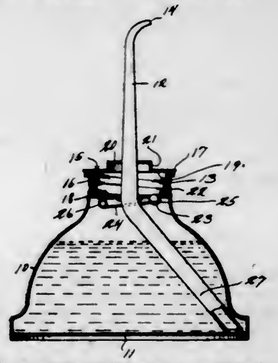
A vacuum massaging device comprising a body portion having a suction head, said head having a recess wider at its inner end than at its outer end, the inner end of said head terminating in an arched wall whereas the outer peripheral edge terminates in an outwardly and upwardly curved supporting flange, said body having a bore extending therethrough into the arched wall and communicating with said recess, a tapered detachable insert formed of resilient material conforming substantially in outer dimensions with the internal dimensions of the recessed head so as to be held securely therein, the ends of said insert having opposed flat surfaces, the exposed flat surface of said insert lying flush with the peripheral edge of the head, an annular rubber massaging element securely engaged over the head flange, said element extending below the plane of the exposed surface of said insert, said insert having at least one aperture communicating with said bore, and a hollow rubber bulb connected to said body portion and communicating with said bore.

2,127,873
TENNIS GAME
Yves C. Le Guiliou, New York, N. Y.
Application June 9, 1937, Serial No. 147,206
25 Claims. (Cl. 273—30)



1. A game device adapted for use in games involving a bounding ball, comprising an elongated playing board, and sloping side barriers having channel-like ball receiving means adjacent the lower portion thereof, positioned adjacent the longitudinal sides of said board, said barriers being adjustable as to height and position with respect to the playing surface of said board.

2,127,874
OIL CAN
Carl H. Leonard, Wakefield, Nebr.
Application April 17, 1937, Serial No. 137,558
2 Claims. (Cl. 221—48)

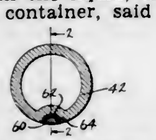


1. An oil can comprising a receptacle, a flexible bottom carried by said receptacle, a threaded neck carried by said receptacle, a hollow closure threadably engaging said neck, said closure having vent means therethrough, a spout, a discharge tube integral with said spout and extending through said closure and terminating at a point adjacent the junction of said bottom and the side wall of the receptacle, a ball valve engaging said vent means, and a resilient arm fixed at one end to said closure and provided with an eye at the other end engaging said valve to normally hold said valve in closed position.

2,127,875
DISPENSING GAUGE
Leo H. Lippert and Jean F. York, Sioux Falls, S. Dak.
Application April 29, 1936, Serial No. 76,976
1 Claim. (Cl. 201—48)

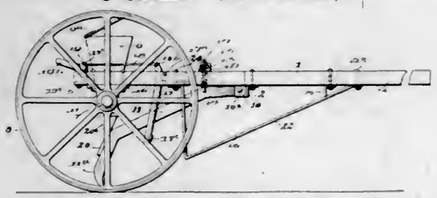
In a device arranged to be interposed in an electrical circuit for measuring a quantity of an

electrically conducting liquid in a container, the combination of a metallic draft pipe arranged to be immersed in the liquid, and insulatingly mounted in the container, said metallic draft



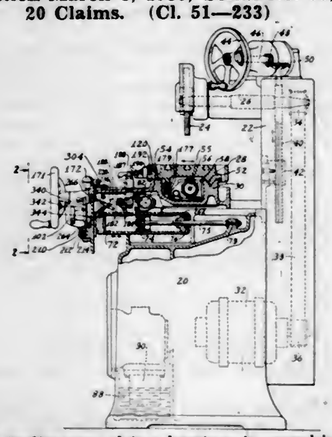
pipe having a longitudinal groove extending from one end to the other, and a longitudinal electrode mounted in said groove and insulated from said draft pipe, said electrode and draft pipe being exposed to the liquid.

2,127,876
SEED PLANTER
Frederick William Maage and John Randrup Manila, P. I.
Application October 6, 1936, Serial No. 104,288
8 Claims. (Cl. 111—52)



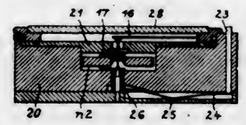
1. In a seed planter comprising a frame, a seed box, traction wheels supporting said frame, and seed depositing means operable by the turning of said wheels; the combination of a pair of lineally extending inclined lift members rigidly carried by the frame one at each side thereof forwardly of said wheels, each of said lift members providing a downwardly and rearwardly inclined surface whereby to engage embankments in advance of the wheels and lift the wheels from the ground to stop the same and said seed depositing means from operating as the planter ascends the embankment.

2,127,877
GRINDING MACHINE
George F. Maglott, Wrentham, Mass., assignor to Brown and Sharpe Manufacturing Company, a corporation of Rhode Island
Application March 3, 1936, Serial No. 66,803
20 Claims. (Cl. 51—233)



1. A grinding machine having in combination with a base, a rotary grinding wheel spindle, a longitudinally reciprocable work table, a traversable slide on which one of said elements is carried, a hydraulic system for the machine including a cylinder and piston operatively connected to reciprocate the table, a reversing valve operatively connected to reverse the direction of movement of the table, a fluid motor operatively connected to traverse the slide, a metering valve operatively connected to admit measured amounts of fluid under pressure to the slide fluid motor to move the slide a predetermined distance, and fluid pressure connections actuated directly by movement of the reversing valve for actuating the metering valve to impart an increment of movement to the slide.

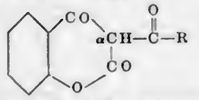
2,127,878
MAGNETIC COMPASS
Karl Martin, Rathenow, Germany
Application August 25, 1936, Serial No. 97,752
In Germany September 2, 1935
13 Claims. (Cl. 33—222)



3. In a magnetic compass, the combination with a mass of non-magnetic electrically conducting material having a chamber with curved walls formed therein, of a magnetic needle member pivotally mounted to oscillate freely within said chamber and having an arcuate face conforming with and disposed in close proximity to the curved walls thereof, said mass of material having a thickness equal to a substantial portion of the length of the needle member and said needle member being of relatively large cross section as compared with its length, and a direction indicating element rigidly attached to said needle member and movable therewith, said direction indicating element being located outside of said chamber.

2,127,879
TEXTILE OR THE LIKE PESTPROOFING MEDIUM AND USE
Henry Martin, Basel, Switzerland, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland
No Drawing. Application January 29, 1937, Serial No. 123,061. In Germany February 7, 1936
11 Claims. (Cl. 167—37)

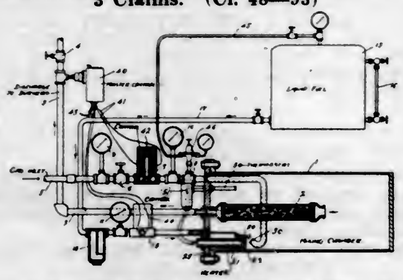
2. A devitalizing composition of matter for combatting pests of the insect class, containing as its essential active ingredient a compound represented by the formula



R being a member of the group consisting of —O.lower alkyl, —O.aralkyl, —NH_2, —NH.lower alkyl, —NH.aryl, aryl.N.lower alkyl, —NH— and —N=cycloalkyl, lower alkyl, aralkyl and phenyl.

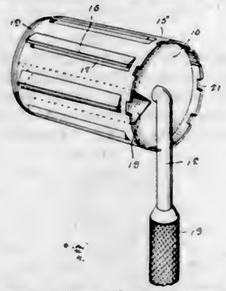
8. A devitalizing composition of matter for combatting pests of the insect class, containing as its essential active ingredient α-aceto-benzotetronic acid.

2,127,880
APPARATUS FOR THE PRODUCTION OF COMBUSTIBLE GAS
Charles A. Medsker, Cleveland Heights, Ohio, assignor to The Ferrolene Oxygen Co. of Ohio, Cleveland, Ohio, a corporation of Ohio
Application March 28, 1934, Serial No. 717,871
3 Claims. (Cl. 48—93)



1. In apparatus of the character described, the combination of a mixing chamber, a conduit for introducing an enriching hydrocarbon liquid thereinto, a control valve in said conduit, means in said chamber for vaporizing said liquid, a second conduit for passing a stream of combustible gas into said chamber, a control valve in said second conduit, means for removing the mixture of gas and vaporized liquid from said chamber, and a master control simultaneously regulating both of said control valves and thus regulating the flow of said liquid and said gas into said chamber, said master control regulating said flow of gas and said flow of liquid in direct proportion to the rate of removal of said mixture therefrom.

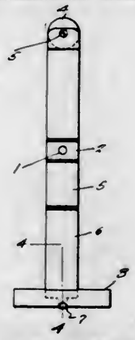
2,127,881
SAFETY RAZOR
Leopold Morris, Victoria, Tex.
Application May 10, 1937, Serial No. 141,851
5 Claims. (Cl. 30—40)



1. A razor of the character described comprising a roller-like head, a split expansible and contractible cylinder snugly embracing the said head and having outwardly extending cutting edges disposed tangentially to the said cylinder, a handle fixed to the head, and an end formed on the cylinder and engageable with the handle to hold the cylinder selectively adjusted against movement on the head.

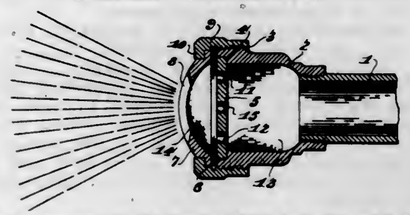
2,127,882
JAR HOLDER
Harvey McClelland Morris, Frederick, Md.
Application September 28, 1937, Serial No. 166,186
1 Claim. (Cl. 294—33)

A device of the class described comprising a pair of duplicate members having straight intermediate portions, means for connecting said portions together, and said members having downwardly diverging parts terminating in depending straight and parallel parts, said members having their upper portions diverging upwardly, a handle located between the ends of said upwardly diverging parts and connected therewith and gripping members connected with the ends of the



straight parallel parts, each gripping member including a straight resilient sleeve and a core of wood or the like and a tongue on the lower end of each parallel part passing diametrically through the member and bent transversely against the outer surface of the sleeve to secure the member to said parallel part.

2,127,883
SPRAY NOZZLE
Herbert E. Norton, Brockport, N. Y.
Application May 9, 1935, Serial No. 20,641
8 Claims. (Cl. 299—120)

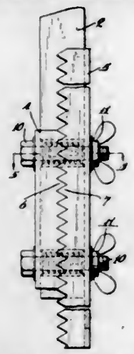


8. A spray nozzle comprising a hub, said hub having a shoulder and seat formed in one end thereof and having a male thread on the outside thereof, a twirling plate resting in said seat and closing the end of the sleeve, a washer resting on the end of the hub and the edge of the twirling plate, a shallow substantially spherical segmental plate having its edge resting on said washer, a sleeve having an inwardly turned flange on one end engaging over the outer edge of said segmental plate and having a female thread at the other end engaging the male thread on the hub and clamping the parts together, slanting twirling openings through said twirling plate and discharge opening means through said segmental plate arranged along a substantial portion of a single great circle of said segmental plate, to produce a flat spray mist, the cross-sectional area of said discharge opening means being less than the area of the twirling openings.

2,127,884
LADDER LEVELING ATTACHMENT
Harvey Myers Overpeck, Philadelphia, Pa.
Application December 11, 1937, Serial No. 179,366
4 Claims. (Cl. 228—63)

1. A leveling attachment for a ladder rail, comprising a pair of channeled members adapted to

be disposed in channel opposed relation with said rail therebetween, interdigitating coupling means between the members, one of said members being fixed relatively to the rail, the other member being of greater length than the fixed member and longitudinally movable to project beyond the



adjacent end of the supporting rail, means for securing said members against relative movement, and means effecting the automatic shifting of the longer member relative to the shorter member when said securing means is released, in a manner to disconnect said interdigitating means.

2,127,885

METHOD OF COLORING OXIDE-COATED ALUMINUM SURFACES

Ralph E. Pettit, Indianapolis, Ind., assignor to Aluminum Colors Incorporated, Indianapolis, Ind., a corporation of Delaware

No Drawing. Application August 17, 1933, Serial No. 685,654

4 Claims. (Cl. 41—41)

3. A method of producing variegated colored oxide coatings on aluminous metal surfaces, comprising impregnating said surface with a dye solution, decolorizing a portion of said surface by treatment with a solution of nitric acid, and subsequently impregnating said surface with another dye solution.

2,127,886

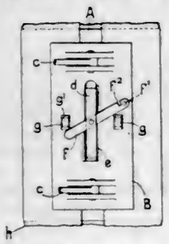
STICK-HANDLED APPLIANCE FOR THE CARE OF FLOORS AND STAIRS

Max Plön, Basel, Switzerland

Application July 30, 1937, Serial No. 156,594

In Switzerland December 24, 1936

7 Claims. (Cl. 15—231)



2. In a stick-handled appliance for the care of floors and stairs, the combination of a brush body, a handle fixed thereon, a removable stick carrying plate above the brush body, having a slot for the passage of said handle, a supporting pin combined with the handle and a locking lever rotatably mounted on said pin, capable of being turned into alignment with the said slot for removal of the stick carrying plate or transversely thereto for securing the plate to the brush body.

3. In an appliance for the care of floors and stairs, the combination of a brush body, a handle fixed thereon, a removable cloth retaining plate above the brush body, having a slot for the passage of said handle, for clamping the upwardly turned edges of a cloth surrounding the brush body, and locking means combined with the handle and arranged to firmly hold said cloth retaining plate down onto the brush body.

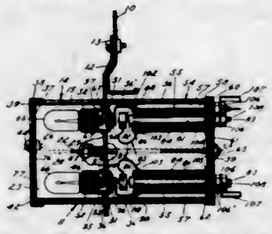
2,127,887

TELLTALE SIGNAL LIGHT

Alden G. Rayburn, Sausalito, Calif., assignor of forty percent to Arthur D. Knox, Nashville, Tenn., and twenty percent to Eddy S. Rayburn, Sausalito, Calif.

Application October 31, 1934, Serial No. 750,900

8 Claims. (Cl. 177—326)



7. A visible indicator comprising a supporting plate; a hollow cylinder on each side of said supporting plate; a cover for the exposed end of one of said cylinders; a partition plate having lugs thereon in the other of said cylinders, bolts passing through said lugs, said supporting plate and the cover on said cylinder and means on said bolts for securing said cover on said cylinder and said cylinders and partition to said supporting plate.

2,127,888

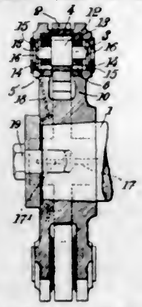
VIBRATION REDUCING DEVICE

Raoul Roland Raymond Sarazin, St.-Prix, France

Application November 21, 1935, Serial No. 50,992

In Germany December 11, 1934

1 Claim. (Cl. 74—574)



A device for reducing the vibrations of a moving part which comprises in combination two elements including a mass and a member connected to said moving part, a runway carried by one of the two aforesaid elements extending from one side of said last mentioned element to the other side thereof, two lugs carried by the other element, one disposed on each side of said runway respectively, a runway carried by each of said lugs respectively on each side of the first mentioned runway and overlapping it, a cylindrical rolling body of less diameter than the least dimension of either runway adapted to cooperate with these three runways and extending longitudinally thereof, and two stops for preventing axial displacements of the rolling body, said stops being secured respectively to each of said lugs on either side of said rolling body

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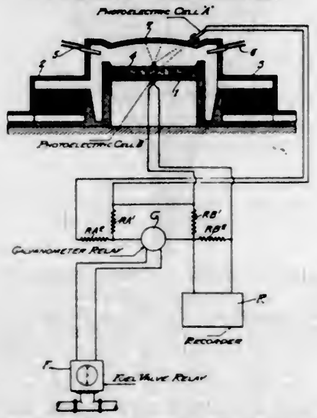
2,127,889

METHOD AND APPARATUS FOR DETERMINING THE TEMPERATURES OF MOLTEN BATHS

William E. Shenk, East Orange, and Bernard M. Larsen, Elizabeth, N. J., assignors to United States Steel Corporation, New York, N. Y., a corporation of New Jersey

Application November 30, 1935, Serial No. 52,400

8 Claims. (Cl. 73—343)



4. Means for determining the temperature of a molten bath disposed on a hearth enclosed from the atmosphere which comprises means energized by the heat energy of the bath to produce electric energy bearing a known relation to the temperature producing said heat energy, means energized by the heat energy of the inner portion of the bath enclosure to produce a second electric energy of similar characteristics to the first said energy, means to apply one of said electric energies to the forming of a continuous record translatable in degrees temperature, means to continuously indicate the voltage difference between said energies, means to induce a falling temperature gradient in the bath and said bath enclosure, and means to induce a rising temperature gradient in said bath and said bath enclosure when the voltage difference between said electric energies approximate zero.

2,127,890

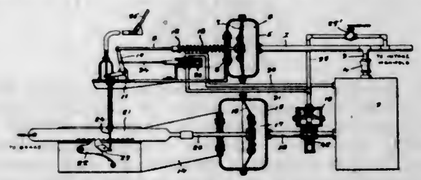
AUTOMATIC SAFETY BRAKE DEVICE

Ellery M. Sills and Norman A. Sills, Portland, Oreg.

Application November 17, 1937, Serial No. 175,113

4 Claims. (Cl. 188—152)

1. An automatic safety brake device comprising a main vacuum means connected to a vacuum source, a storage vacuum means connected to said main vacuum means to have a vacuum developed therein by the latter and to maintain said vacuum therein when the vacuum in said main vacuum means is destroyed or interrupted from any cause, a vacuum operated means connected to a brake mechanism and to said storage vacuum means to bring about operation of said brake mechanism for full application of brakes of said mechanism when subjected to the vacuum in said storage vacuum means, said vacuum operated means including a locking means to secure said vacuum operated means in a position for the full application of the brakes, a vacuum actuated valve controlling the communication of said vacuum operated means with said storage vacuum means and normally interrupting said communication, a vacuum actuated lock operating means connected to said main vacuum means and to the locking means to free the vacuum operated means as long as subjected to the vacuum of said main vacuum means and adapted to automatically effect actuation of the locking means to secure the brakes fully applied when free of vacuum by the interruption of the vacuum in the main vacuum means from any cause, and a valve means operated by said vacuum actuated lock operating means and controlling the vacuum from the storage vacuum means to said vacuum actuated valve to bring about actuation of said vacuum operated means for the full application of the brakes when the vacuum in said main vacuum means is destroyed.



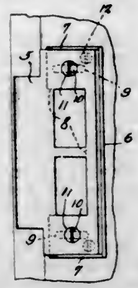
2,127,891

DOOR LATCH GUARD

Edmund M. Starling, Valdosta, Ga.

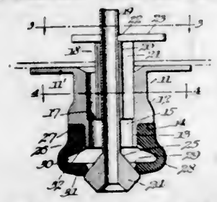
Application April 4, 1936, Serial No. 72,805

1 Claim. (Cl. 292—346)



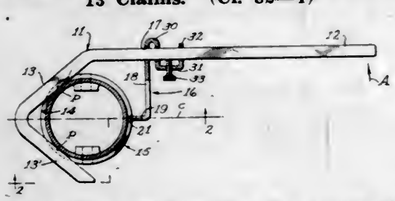
A guard plate for guarding the sliding bolt of a door latch, comprising a plate, a flange extending along one of the longitudinal edges of the plate, flanges extending along the ends of the plate, said flanges extending at right angles to the plate, said flanges contacting at the ends thereof, one edge of the plate being cut away, the portions of the plate at the ends of the cut away portion having transversely disposed elongated openings, a keeper plate resting on the guard plate and being of a length to exactly fit between the flanges at the ends of the guard plate and having openings to receive screws, whereby the keeper plate may be adjustably secured to the guard plate, and said keeper plate having openings adapted to register with the cut away portion of the guard plate to receive the sliding bolt with which the plates are used.

2,127,892
FILLING APPARATUS
Robert J. Stewart, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application May 16, 1936, Serial No. 80,196
12 Claims. (Cl. 226—124)



1. A filling valve comprising a plug, and a flexible resilient body having a passage therethrough, said body having at one end a freely inwardly extending annular flange whose inner edge, which defines a portion of said passage, normally contacts said plug to form a seal therewith, said flange flexing when engaged by the lip of a container during a filling operation to free said edge from the plug to permit flow between said edge and plug, the container lip forming a seal with said flange.

2,127,893
PISTON RING GROOVE AND LAND TOOL
Charles D. Stromgren, Los Angeles, Calif.
Application April 3, 1936, Serial No. 72,587
13 Claims. (Cl. 82—4)



1. A tool for beveling the ring groove lands of a piston embodying: a frame piece having a handle section and a guide section adapted to engage in a ring groove at two angularly spaced points; a post member mounted on said handle section and extending inwardly toward a piston engaged in said guide section; a cutter on said post, said cutter having an inclined cutting edge adapted to engage the land adjacent the groove containing said guide and a shoulder on said cutter adapted to engage the side wall of said groove opposite the engaged land, said cutting edge and said shoulder forming an acute angle, said shoulder being provided with rounded edges; and means for adjusting said cutter to vary the inclination of the cutting edge.

2,127,894
SYNTHETIC RESINS AND PROCESS OF MAKING SAME
Theodor Sutter, Basel, Switzerland, assignor to Ciba Products Corporation, Dover, Del., a corporation
No Drawing. Original application June 30, 1931, Serial No. 548,039. Divided and this application January 24, 1936, Serial No. 60,737. In Switzerland July 11, 1930
6 Claims. (Cl. 260—3)

1. Process for improving both the flux and the resistance to distortion under heat of amine-formaldehyde condensation products obtained by reacting a primary aromatic amine with more than an equimolecular proportion of a formaldehyde yielding compound in the presence of a mineral acid and subsequently precipitating the product by an agent of alkaline character, which comprises adding phenolpolyalcohols to said amine-formaldehyde condensation product in any phase of its production.

2,127,895
PARACHUTE
William E. Tingle, Butte, Nebr.
Application November 11, 1936, Serial No. 110,337
1 Claim. (Cl. 244—152)



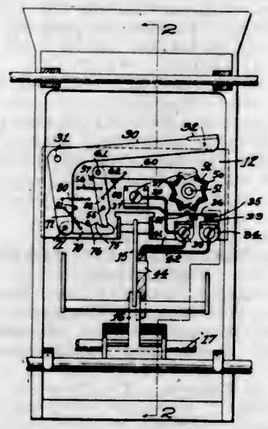
A parachute which includes suspension cords converging to a point of attachment to a harness, said parachute having a circular series of holes near the crown, an unfettered imperforate and continuous fabric ring which is scalloped on its inner margin, said ring being annularly secured to the parachute at its outer margin below the holes, and a pull cord having plural cords branching from its upper end to points of connection with the crests of the scallops, its lower end hanging near the harness.

2,127,896
METHOD OF PRODUCING ELASTIC OBJECTS FROM POLYVINYL ALCOHOLS
Herbert Vohrer, Berlin, Germany
No Drawing. Application January 14, 1937, Serial No. 120,635. In Germany August 13, 1936
7 Claims. (Cl. 18—55)

1. A method of producing elastic objects from polyvinyl alcohols comprising preparing a mixture containing a polyvinyl alcohol, 15 to 50% by weight of softening agents and not more water than the quantity of softening agent present in the mixture is able to withhold, working up such mixture into a kneadable mass, pressing such mass into the desired form and heating such pressed mass to a temperature of 135 to 180° C.

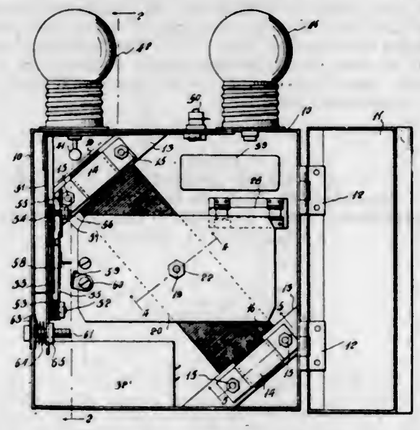
2,127,897
CARD-CONTROLLED IMPRESSION MECHANISM
Edward G. Watkins, Gardner, Mass., assignor to Simplex Time Recorder Co., Gardner, Mass., a corporation of Massachusetts
Application November 22, 1937, Serial No. 175,796
8 Claims. (Cl. 101—297)

1. In a time recording apparatus comprising a card chute, a card support, printing devices adapted to make a record on a card resting on said support, electro-magnetic means to actuate said printing device to make said record, and an electro-circuit for said means, that improvement which consists in providing mechanism to successively close and open said electric circuit, a



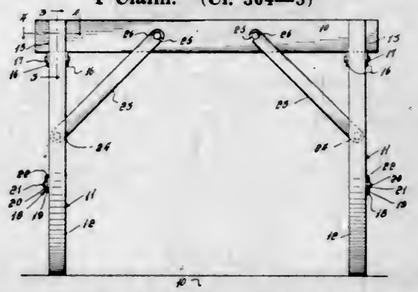
spring-operated device to actuate said mechanism, and card-engaged means to tension and then release said device as the card is inserted and seated on said support.

2,127,898
LOW VOLTAGE FENCE CHARGER
Homer E. Webster, Nellsville, Wis.
Application February 6, 1936, Serial No. 62,708
2 Claims. (Cl. 200—153)



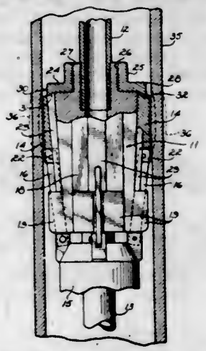
1. A device of the class described having a casing, a rotor therein, circuit closing contacts, means to close said contacts through the operation of the rotor, a frame in said casing anchored at one end and mounting said contacts, a bolt extending loosely through the casing having screw-threaded connection with the frame operable to adjust the position of the frame to vary the spacing of the contacts, an expansive coil spring on said bolt engaging the casing and the frame, a block overlapping one of the contacts, a bolt on the frame on which the block is mounted extending beyond the block, a disc slidable on the latter bolt engaging a free end of the other contact, and a nut threaded on the latter bolt operable against the disc to adjust the position thereof.

2,127,899
TABLE BENCH OR TRESTLE
Marcus Westwang, Kalispell, Mont.
Application October 7, 1937, Serial No. 167,854
1 Claim. (Cl. 304—5)



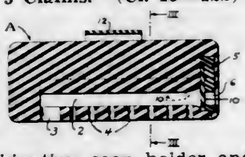
A structure of the class described having a top bar, supporting devices therefor, said devices comprising legs, spreading means connected to the legs, said legs being notched at one end to engage the top bar, cleats pivoted to the legs adjacent the bases of the notches at points outwardly of the notches and arranged to directly support said top bar to minimize danger of splitting of the legs, compressible material lining the grooves, and the spreading means for the legs comprising links pivoted to the legs and to each other, one of the links having a hook thereon engageable with the other link to limit their relative movement.

2,127,900
TUBING CATCHER
Victor York, Whittier, Calif.
Application April 6, 1936, Serial No. 72,908
7 Claims. (Cl. 103—219)



1. In a tubing catcher of the character described for connection to a string of tubing insertable in a well casing, the combination of: a body having means for connecting it into a string of tubing, said body having upwardly diverging dovetailed guides; jaws slidable on said guides in dovetailed engagement therewith from lowered position to raised position; shoulder means removably mounted on said body forming stops engageable by said jaws so that the upward movement of said jaws on said guides will be thereby limited; a mass member mounted on said body so as to have vertical movement; and means connecting said mass member to said jaws.

2,127,901
SOAP HOLDER AND APPLICATOR
Leland J. Arms, San Francisco, Calif.
Application February 17, 1937, Serial No. 126,188
5 Claims. (Cl. 15—122)



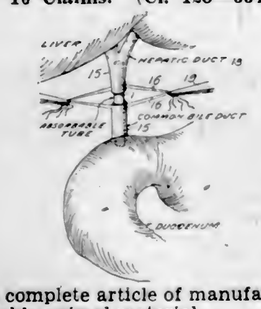
1. A combination soap holder and applicator comprising a body portion formed of a permeable material and having a compartment formed therein for the reception of a cake of soap, a rigid plate secured in one end of the body and having an opening formed therein through which a cake of soap is insertable, and means for automatically closing said opening.

2,127,902
FEEDING HEAD FOR RECIPROCATING OR SHAKER CONVEYERS
Ernst R. Bergmann, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application November 11, 1935, Serial No. 49,157
12 Claims. (Cl. 198—220)



1. In a shaker conveyer, an extensible trough section wholly supported on the ground adjacent its forward and rearward ends independently of the remainder of the conveyer, and a reciprocating trough section supported on said extensible trough section for reciprocable movement therealong in such a manner as to be freely movable therealong and cause an increase in the frictional resistance of said extensible trough section against the ground, said reciprocating trough section having feed control means pivotally connected to the forward end thereof and extending in advance thereof and adapted to selectively grip said extensible trough section and cause it to move with said reciprocating trough section or permit said reciprocating trough section to freely move along said extensible trough section.

2,127,903
TUBE FOR SURGICAL PURPOSES AND METHOD OF PREPARING AND USING THE SAME
Arthur Bowen, Los Angeles, Calif., assignor to Davis & Geck, Inc., Brooklyn, N. Y., a corporation of New York
Application May 5, 1936, Serial No. 77,930
10 Claims. (Cl. 128—334)



1. As a complete article of manufacture, a tube of absorbable animal material.

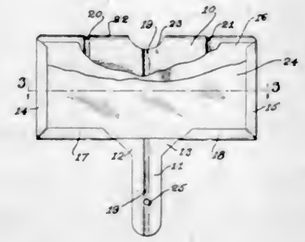
2,127,904
COMPOSITION AND PROCESS FOR SOAKING SILK AND TEXTILE MATERIALS
Dale S. Chamberlin, Bethlehem, Pa., assignor to Warwick Chemical Co., West Warwick, R. I., a corporation of Rhode Island
No Drawing. Application July 23, 1935, Serial No. 32,773
21 Claims. (Cl. 28—1)

1. A process of soaking which comprises immersing a textile material in a bath containing a soaking oil as a negatively charged disperse phase and a discharging agent adapted to gradually discharge the bath, said discharging agent consisting of an ammonium salt.

2,127,905
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, University City, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application September 25, 1937, Serial No. 165,684
14 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a chemical compound characterized by the presence in the molecule of: (a) at least one radical obtained by dehydroxylation of a hydroxylated fatty acid body; (b) at least one radical obtained by the elimination of at least two carboxylic hydrogen atoms of a polybasic carboxylic acid; and (c) at least one amine radical characterized by having present in place of at least one amino hydogen atom, a substituent radical obtained by dehydroxylation of a radical selected from the class consisting of poly-hydroxy alkyl and poly-hydroxy alkyl-oxy-alkyl radicals; and said molecule being further characterized by the fact that there is present at least one ester linkage involving at least one of the hydroxyl radicals of the poly-hydroxy amine component (c) above described and the polybasic acid radical (b) previously described.

2,127,906
CARD HOLDER
Carleton B. Esch, Indianapolis, Ind.
Application April 18, 1938, Serial No. 202,677
2 Claims. (Cl. 40—16)

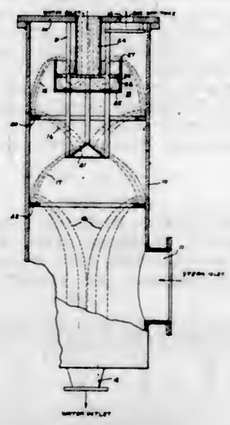


1. In a card display holder, a plate of at least card size, card retaining flanges turned over from the ends of the plate to receive the card between them and the plate, a tongue extending from the central lower portion of the plate, a flange upturned from the bottom edge of the plate on each side of said tongue, and a valley extending across the plate to open from the flange side of the plate, and a lip turned forwardly and upwardly from the top edge of the plate, said valley being centrally, vertically disposed across the plate and continuing down onto said tongue, and additional vertical valleys across the plate opening at both top and bottom ends of the plate, the bottom openings of said additional valleys being formed through the bottom flanges.

2,127,907
PRODUCTION OF IRON COMPOUNDS
Peter Fireman, Lambertville, N. J., assignor to Magnetic Pigment Company, New York, N. Y., a corporation of New York
No Drawing. Application March 20, 1937, Serial No. 132,099
2 Claims. (Cl. 23—200)

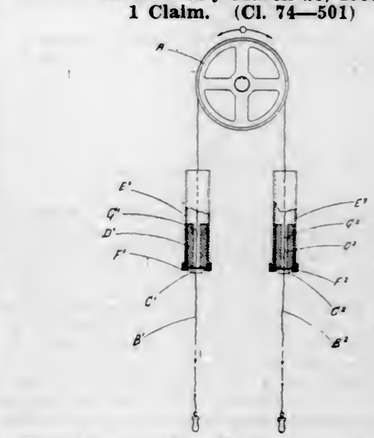
1. The method of preparing an hydrated oxide of iron suitable for pigments which comprises immersing metallic iron in a solution of an iron salt, heating and maintaining the temperature of the solution at approximately 90° to 95° C., and simultaneously supplying a gas containing free oxygen to the solution.

2,127,908
BAROMETRIC CONDENSER
Frederick K. Fischer, Prospect Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 1, 1937, Serial No. 134,238
4 Claims. (Cl. 261—110)



1. In a condenser, a vertical shell having a steam inlet and a water outlet at the lower portion thereof and having an air offtake at the upper portion thereof, a weir arranged in the upper portion of the shell and providing for the discharge of a downwardly-flowing and radially-divergent water curtain for condensing steam flowing upwardly therethrough and means for supplying water to the weir, said weir including a receptacle having an upwardly-extending circumferential wall over the edge of which flows water to provide said sheet and means extending circumferentially of and radially inward from the inner surface of the wall to provide for inward deflection of water flowing upwardly adjacent to the wall so as to produce a flow condition minimizing the level of water in the receptacle above the top edge of the wall.

2,127,909
AUTOMATIC RETURN DEVICE FOR CONTROL MEMBERS
Friedrich Freitag, Wallstadt, Germany, assignor to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany, a joint-stock company of Germany
Application February 3, 1938, Serial No. 188,591
In Germany March 28, 1936
1 Claim. (Cl. 74—501)



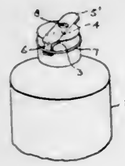
In mechanism for effecting return to a neutral position of a control device displaceable in either direction from such position, the combination with a pulley operatively connected to the control device, a flexible member passing over said pulley and having generally vertical runs, an abutment connected to each of said runs, a weight supported for engagement by each of said abutments, each of said weights being positioned for engagement by the associated abutment on initiation of movement of the flexible member in a direction to raise such abutment and the weight engaged thereby, whereby on release of the flexible member, the weight thus raised will return the flexible member and the pulley to the initial position thereof, and stationary means cooperating with each of said weights to guide the latter in the direction of the associated runs of said flexible member.

2,127,910
ADVERTISING DISPLAY DEVICE
William John French, Nunhead, London, England
Application April 23, 1938, Serial No. 203,735
In Great Britain March 29, 1938
5 Claims. (Cl. 40—126)



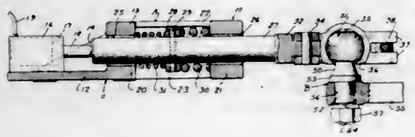
1. An advertising display device comprising a hollow body in the form of an article as seen in perspective, formed of thin flexible material, marginal lugs upon said body extending from the short sides thereof, a support for said body, a slot for each lug in said support through which said lug may be passed and its end bent to prevent its withdrawal from the slot, and means for securing said bent part of said lug to said support.

2,127,911
SELF-CLOSING TUBE AND CAP
Horace William Goss and Reginald Griffin Goss, Toronto, Ontario, Canada
Application March 15, 1937, Serial No. 130,846
3 Claims. (Cl. 221—60)



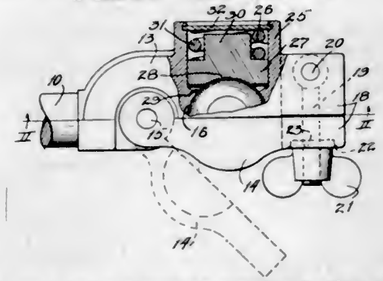
1. In a dispensing container having a dispensing opening and a valve slidably mounted to open and close said opening and having an angularly arranged extension formed with a hooked extremity, an elastic band encircling said container and extending about said valve extension and holding said valve closed, said hooked extremity co-operating with the elastic band to hold same in position, the arrangement of the valve and elastic band being such that the band normally retains the valve with its other extremity overhanging the said band to further retain same in position.

2,127,912
TRAILER HITCH
Matthew P. Graham, George H. Hufferd, and Joseph E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio, a corporation of Ohio
Application November 2, 1936, Serial No. 108,782
3 Claims. (Cl. 188—142)



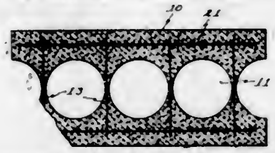
1. A trailer hitch comprising a frame member having a flat plate portion adapted to be secured to a trailer and a cylindrical portion extending laterally therefrom, said cylindrical portion having a chamber therein intermediate the ends thereof, a tongue member slidable through the cylindrical portion of the frame member, a collar secured to the tongue member in the chamber of the cylindrical member, coiled springs disposed around the tongue member between the collar and the cylindrical member on each side of the collar, a fluid-tight cylinder mounted on the flat plate portion of the frame having a plunger therein with a shank extending therefrom into abutting relation with the end of the tongue, a tube leading from said cylinder to transmit fluid therefrom to operate the brakes of a trailer whereby a drawing of the tongue member away from the frame member will compress one of the springs to pull the frame member and the trailer while a forward surging of the frame member onto the tongue will move the plunger in the cylinder for compressing the fluid therein to actuate the trailer brakes.

2,127,913
HITCH OR COUPLER
Matthew P. Graham, George H. Hufferd, and Joseph E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio, a corporation of Ohio
Original application November 2, 1936, Serial No. 108,782. Divided and this application May 13, 1937, Serial No. 142,342
2 Claims. (Cl. 280—33.15)



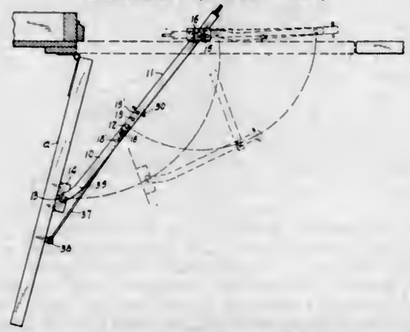
1. In a hitch, a tongue member having a housing on the end thereof provided with a flat side face and a segmental spherical depression in said face, a closure member having a flat side face with a segmental spherical depression therein pivoted to said housing and adapted to be swung against the flat side face of the housing with the depression therein in alignment with the depression in the housing to form a ball socket, said closure member and said housing having openings through the bottom thereof communicating with the ball socket to permit the shank of a ball stud to extend therefrom, a boss portion formed on the back of the housing member having a cylindrical bore therein registering with the segmental spherical socket depression thereof, a seating element having a segmental spherical depression in the face thereof slidable in said bore, and spring means urging said seating element toward the segmental spherical depression in the housing.

2,127,914
COMPOSITION BUILDING BLOCK
Carl A. Hadland, Leon, Wis.
Application December 24, 1936, Serial No. 117,453
8 Claims. (Cl. 72—42)



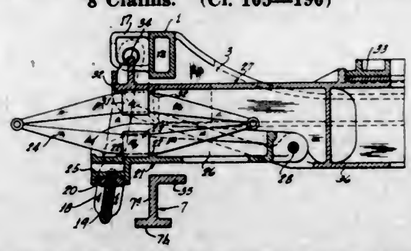
1. A composition building block having a plurality of vertically disposed substantially annular vertical passageways therethrough and having semi-circular recesses at the opposite ends thereof; a plurality of spaced apart vertically disposed transversely extending re-inforcing plates, each of said plates having a recess opening on the opposite side edges and a pair of spaced apart recesses opening at the upper edge thereof, the corresponding recesses of the different plates being in substantial alignment, one of said plates extending across said block between each pair of adjacent apertures and between the end apertures and the adjacent end recesses respectively; and a plurality of metal bars embedded in said block longitudinally therein, each of said metal bars being mounted and passing through the corresponding recesses of said plates.

2,127,915
DOOR CHECK
John C. Hallada, Milwaukee, Wis.
Continuation of application Serial No. 90,278, July 13, 1936. This application April 5, 1937, Serial No. 134,931
4 Claims. (Cl. 292—263)



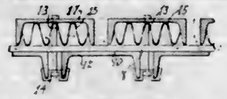
1. A door check comprising a pair of toggle levers, a pivotal connection between adjacent end portions thereof, a latch having a tongue rockably seated on one of said end portions, and means on said tongue for embracing the other of said end portions to releasably retain said end portions in substantial alignment, said latch and tongue being rockable in response to pressure applied thereto lengthwise of said first named end portion to thereby release the other of said end portions.

2,127,916
RAILWAY TRUCK STRUCTURE
Einar G. Hallquist, Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application July 13, 1935, Serial No. 31,143
8 Claims. (Cl. 105—190)



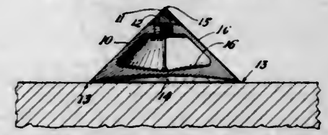
1. In a railway truck, framing, a swing hanger pivoted thereto, a bolster yieldingly carried at one end by said hanger, said bolster having spaced side walls, and a pair of rigid arms connected to the lower part of said hanger and pivoted to said walls.

2,127,917
SEPARATOR
James C. Hobbs, Painesville, Ohio
Continuation of application Serial No. 149,558, November 20, 1926. This application September 20, 1933, Serial No. 690,295
17 Claims. (Cl. 122—491)



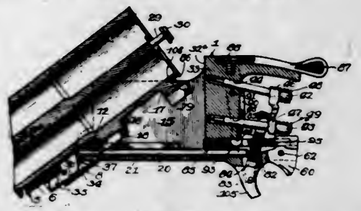
1. In a separator, a baffle having an opening therethrough, a plurality of members disposed on opposite sides of said baffle over said opening, the members on each side being spaced apart and those on one side being staggered with respect to those on the other side, whereby a plurality of devious paths is provided for the passage of fluid through the opening.

2,127,918
CONTAINER FOR PHARMACEUTICAL PURPOSES
Gustav Philip Hofmann, New York, N. Y.
Application August 24, 1933, Serial No. 686,528
11 Claims. (Cl. 215—1)



1. In a container for pharmaceutical preparations having a base, an indicating outer bounding surface upstanding vertically from the base, any vertical cross section of which bounding surface is substantially parabolic or hyperbolic in form whereby the resultant force on the hand effected by grasping any part of said bounding surface with the hand is upwardly along the said surface to thereby direct the hand upwardly along the surface.

2,127,919
FIREARM
Ole Horsrud, Chicago, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application March 30, 1936, Serial No. 71,590
12 Claims. (Cl. 42—45)

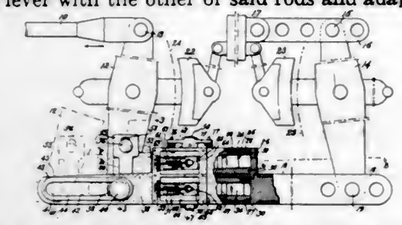


1. In a firearm, of the over-under type, a breech portion, a barrel portion swingably mounted with relation to the breech portion for breaking purposes, a cocking pin longitudinally slidable in the lower portion of the breech portion, mechanism for longitudinally moving the cocking pin during breaking, said barrel portion having a shell chamber block at its rear end, said shell chamber block having a longitudinally extending groove in its bottom portion, which groove moves into position over the cocking pin when the firearm is closed.

2,127,920
SLACK ADJUSTER
Thomas James, Jr., Oaklyn, N. J., assignor to Universal Slack Adjuster Company, Camden, N. J., a corporation of New Jersey
Application May 20, 1937, Serial No. 143,690
11 Claims. (Cl. 188—200)

1. A slack adjuster for brake rigging for railway cars comprising a lever having a normal stroke for the operation of the brakes, a spreader operatively associated with the brakes, a pair of piston rods slidably mounted upon the spreader and adapted to be extended beyond one end of the latter, adjusting means associated with each rod

and the spreader and adapted for inependently holding said rods against movement in one direction relatively to the length of the spreader, a cross-head pivotally connecting the lever and one of said rods, a fulcrum pin pivotally connecting the lever with the other of said rods and adapted



for alternately moving said rods relatively to the length of the spreader upon abnormal strokes of the lever for taking up slack in the rigging, and a guide bar upon the spreader and located between said rods and forming a stop support for the lever when in brake release position.

2,127,921

SPINNING UNIT

Frederick Kent, Glen Rock, N. J., assignor to Sipp-Eastwood Corporation, Paterson, N. J., a corporation of New Jersey

Application October 19, 1937, Serial No. 169,830
18 Claims. (Cl. 117—9.5)



1. A yarn twisting unit including supporting structure, a rotor journaled in and having a spindle projecting from said structure, and a holder spaced from said structure and receiving the spindle and confined by the rotor to coaxial relation with the spindle and carried by and normally held from the rotation with the rotor and supporting the wound mass of yarn to be twisted in substantially coaxial relation to the spindle, said spindle having a yarn passage extending therethrough first toward said structure and then diverted into coincidence with the space between the latter and said holder, and said unit having means, arranged to flank the mass, for confining within a given orbit the portion of the yarn which, upon issuing from the diverted part of said passage, is directed from said structure.

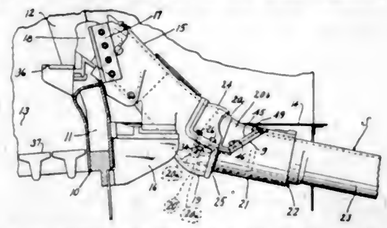
2,127,922

STOKER CONVEYER

Paul A. Ketchpel, Bergenfield, N. J., assignor to The Standard Stoker Company, Incorporated, a corporation of Delaware

Application January 30, 1937, Serial No. 123,120
9 Claims. (Cl. 198—15)

1. The combination including a pair of conduits, a spherical seat formed in an end of one of said conduits, a spherical element at the adjacent end of the other of said conduits received in the spherical seat of the first named conduit to form a flexible connection between said conduits, a conveyer screw in the first named con-



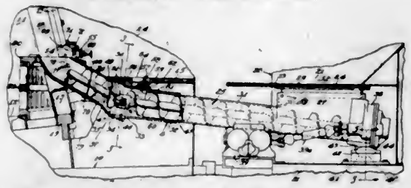
duit, a conveyer screw in the second named conduit, and a universal joint connecting said conveyer screws in approximate coincidence with the flexible connection between said conduits, said spherical element including an upper section detachably connected to said second named conduit.

2,127,923

STOKER MECHANISM

Joseph B. MacKenzie, Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y., a corporation of Delaware

Original application January 23, 1935, Serial No. 3,058, now Patent No. 2,072,821, dated March 2, 1937. Divided and this application January 28, 1937, Serial No. 122,724
6 Claims. (Cl. 198—15)



1. The combination including a pair of conduits, a spherical seat formed in an end of one of said conduits, a spherical member formed at the adjacent end of the other of said conduits, said spherical member being received in the spherical seat of the first named conduit, a clamp detachably secured to said first named conduit over said spherical member to form a universal connection between said conduits, a conveyor screw in the first named conduit, a conveyor screw in the second named conduit, and a universal joint connecting said conveyor screws in approximate coincidence with the universal connection between said conduits, a section of said spherical member being hinged to the second named conduit and arranged to be swung away from its operative position upon removal of said clamp.

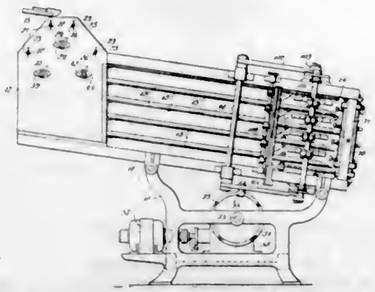
2,127,924

CAN BOXING MACHINE

Wallace D. Kimball, Jackson Heights, Cornelius I. Braren, Jamaica, and George P. Schaefer, Bronx, N. Y., assignors to Standard-Knapp Corporation, Long Island City, N. Y., a corporation of New York

Application August 17, 1936, Serial No. 96,496
19 Claims. (Cl. 226—15)

1. A machine of the class described comprising the combination of a packing mechanism including means for stacking cans in a plurality of superposed rows to form a charge and ejecting mechanism for discharging the charge into a case, the stacking mechanism being adjustable for cans of different diameter, and mechanism for receiving cans from a single line and distributing them to the superposed rows of the stacking means comprising a casing having an opening for the reception of cans delivered to said machine and a plurality of channels below said opening and connected respectively to the superposed rows of the packing mechanism, means centrally disposed beneath said opening for directing successive cans passed through said opening into a different one of said channels, and means for varying the size of said opening to accommodate cans of different diameter while maintaining the centralized relation betwen said opening and said can directing means.



4. In a machine of the class described a can stacking chamber having a plurality of shelves arranged therein one above the other for receiving each a row of cans to form a tier or layer to be ejected therefrom into a case, inclined superposed storage runways for delivering cans to said shelves, gate mechanism for admitting cans from the runways to the can stacking chamber, said storage runways having two sections differing in slope, the section having the greater slope being adjacent the gate mechanism whereby upon the opening of said gate mechanism the cans on said storage runways to form the next tier move quickly into the stacking chamber.

8. In a machine of the class described a can stacking chamber having a plurality of vertically spaced shelves, means for delivering a row of cans to each shelf to form a tier or layer for a carton, a funnel-shaped member disposed adjacent said chamber, means for supporting a case with its mouth telescoped upon the smaller end of the funnel-shaped member, means for ejecting a tier or layer of cans from the stacking chamber through the funnel-shaped member into the case, yielding means arranged within said funnel member for holding the cans of each horizontal row in contact with one another, and yielding means forming a part of the funnel member for holding the superposed cans of the several layers in contact with one another as they pass through said funnel into the carton.

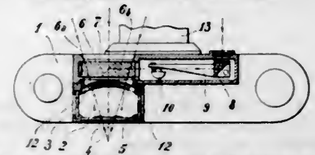
13. In a machine of the class described means for stacking cans in a plurality of rows arranged one above the other, means for shifting said cans in the direction of their axes, and an operating mechanism for said machine adapted to impart a plurality of operations to said shifting means during a single cycle of operation, said operating mechanism comprising a cam member having a changeable cam surface whereby the number of operations of said shifting means during a single cycle of operation may be altered, constant speed power means for operating said machine, and a change-speed drive for operatively connecting said power means and said cam member for varying the speed of said cam inversely to the number of operations imparted thereby to the shifting means during a single cycle, so as to maintain constant the number of cans shifted by the shifting means in a given period of time regardless of the number of shifting operations occurring during a cycle.

2,127,925

COMBINED RANGE FINDER AND VIEW FINDER

Ludwig Leitz, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany

Application January 22, 1936, Serial No. 60,160
In Germany January 31, 1935
2 Claims. (Cl. 95—44)



1. In a photographic camera having an objective, a combined coincidence range finder and a photographic view finder, the latter comprising a transparent ocular member, forming an eye opening, a rectangular mark on the objective side of said member defining and surrounding said eye opening, a concave transparent member spaced a distance in front of said ocular member, a concave partly silvered rectangular frame portion on said concave member facing the said mark for reflecting the same in infinity to frame the field of view, a wholly transparent glass body in front of the said view finder provided with a centrally disposed partly silvered semi-transparent surface for reflecting the central portion of the image from the range finder into the optical axis of the view finder to appear centrally within the framed field of view superimposed thereupon when the said range finder is operated and means actuated by the objective for operating the range finder.

2,127,926

WRISTLET

Richard D. Mason, Scotia, N. Y.

Application March 6, 1935, Serial No. 9,647
9 Claims. (Cl. 2—170)



1. A wristlet comprising a continuous elastic band and a sponge rubber lining secured to said band, said wristlet having a depression along one edge thereof.

2,127,927

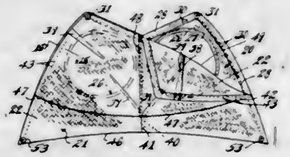
BRASSIÈRE AND BUST GARMENT

Raleigh McCabe, Chicago, Ill.

Application July 6, 1936, Serial No. 88,924
1 Claim. (Cl. 2—42)

A brassière or the like garment as described, comprising inner and outer members, said inner member having breast openings whereby said in-

ner member snugly fits the bust at all points, and said outer member adapted to substantially cover said inner member and having breast pockets adapted to support the breasts, said members being secured together along their lower edges



and along a line immediately below the breasts whereby to form a diaphragm band, said members being detachably attached at points at the top thereof whereby said outer member may be partially or wholly folded downwardly to expose either or both breasts.

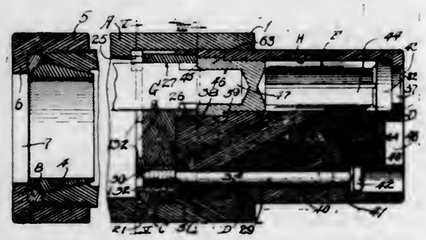
2,127,928

PLUG AND RECEPTACLE

Thomas E. McDowell, Chicago, Ill., assignor to The Pyle-National Company, Chicago, Ill., a corporation of New Jersey

Application May 24, 1937, Serial No. 144,452

3 Claims. (Cl. 173—332)



1. In an electric coupling of the class described; a shell; two separable insulating body members in said shell carrying a plurality of electric contacts; one or the inner of said body members being axially and then rotatably assembled in the shell; said shell and member having cooperating tongue and groove means for guiding the member axially and preventing rotative movement of said member until seated in said shell; said shell having an internal seat for said member; said shell and member having cooperating means for limiting rotative movement of said member when seated; the other or outer of said members being axially assembled in said shell; said shell and said outer member having cooperating tongue and groove means for guiding it and preventing relative rotation between it and said shell; said inner member having threaded bushings for receiving securing bolts; securing bolts in the outer of said members; said bushings and bolts being aligned when said inner member is rotated to its limit in one direction; said shell having means constituting a shoulder engageable by said inner member when rotated to its limit in said one direction to prevent axial movement of the inner member away from its seat, the construction being such that when said members are connected together by said bolts axial displacement of the connected members is prevented by engagement of the inner member with said shoulder and rotative movement of the connected members is prevented by the tongue and groove guide means of said shell and said outer body member.

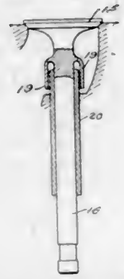
2,127,929

METHOD OF MAKING VALVES

Clarence W. Miller, Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application July 1, 1935, Serial No. 29,248

8 Claims. (Cl. 29—156.7)



1. The process of manufacturing poppet valves and the like comprising, providing a disc on the stem coaxial therewith and in spaced relation to the head of the valve, and then forming said disc into a skirt arranged in generally spaced relation about said stem.

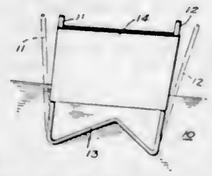
2,127,930

DISPLAY DEVICE

Alex F. Osborn, Buffalo, N. Y., assignor to Magill-Weinsheimer Company, Chicago, Ill., a corporation of Illinois

Application July 13, 1936, Serial No. 90,435

13 Claims. (Cl. 40—125)



12. A display device comprising a display element having a display receiving surface and supporting means therefor, said supporting means having a portion extending generally laterally of the plane of the display element to provide a base for the supporting means whereby the display element may be held in upright position and a resilient wire frame upon which the display element is mounted comprising a plurality of spaced substantially parallel uprights, said display element having portions adapted to embrace said uprights, and said uprights being normally spaced from each other a distance slightly greater than the distance between said embracing portions of the display element whereby the display element is resiliently held tautly upon said uprights upon release thereof after mounting of the display element thereon.

2,127,931

RADIATOR GRILLE SCREEN

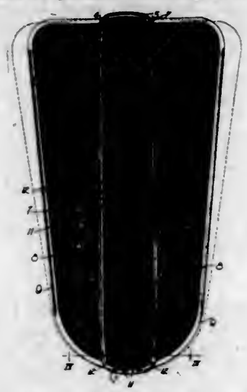
Joseph W. Osten, Wilmette, Ill.

Application June 1, 1937, Serial No. 145,644

6 Claims. (Cl. 293—54)

1. The combination with an automobile radiator grille, of an automobile grille screen comprising a plurality of screen sections arranged in overlapping relation with respect to one another.

and guide means connecting the overlapping screen sections to permit shifting and pivoting of



the screen sections with respect to one another to vary the size and shape of the screen.

2,127,932

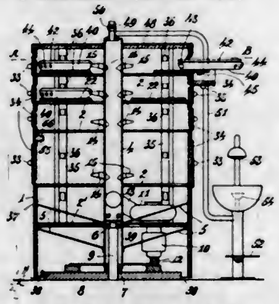
STERILIZING APPARATUS FOR SURGICAL AND DENTAL APPLIANCES AND THE LIKE

Joseph Pellkofer, Regensburg, Germany

Application July 24, 1937, Serial No. 155,479

In Germany August 3, 1936

6 Claims. (Cl. 21—93)



1. Sterilizing apparatus comprising a cabinet having therein a plurality of sterilizing compartments, a straight tubular conduit for a gaseous sterilizing medium in said cabinet, said compartments being grouped around said conduit, and branch conduits for discharging gaseous sterilizing medium from said straight conduit into said compartments severally, said cabinet and said straight conduit being rotatable about the axis of the latter.

2,127,933

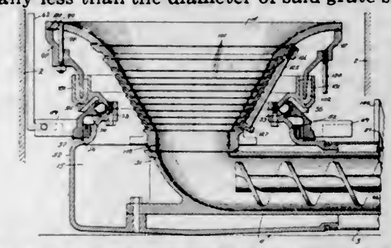
STOKER FOR SOLID FUEL

Gordon M. Peltz, Elmhurst, N. Y., assignor, by mesne assignments, to Henry M. Brooks, New York, N. Y., William Tudor Gardiner, Augusta, Maine, and Jacob H. Nissley, Manheim, Pa., as trustees

Application July 11, 1931, Serial No. 550,127

23 Claims. (Cl. 110—45)

1. In a solid fuel stoker, the combination of a burner structure including a substantially annular underfeed centerfeed grate, a base therefor provided with an inner upwardly-rising wall forming a conduit for directing fuel toward the center opening through said grate and an outer upwardly-rising stationary wall reaching to said grate structure to provide a passageway for combustion air, said outer wall being provided on its outer side with a substantially annular substantially horizontal bearing of a diameter materially less than the diameter of said grate struc-



ture, and said outer wall also being provided with a skirt extending downwardly over said bearing to shield the latter from ashes falling from said grate, a ring mounted on said bearing and depending therefrom to further shield the bearing from ashes, an ash scraper on said ring, and means for rotating the ring.

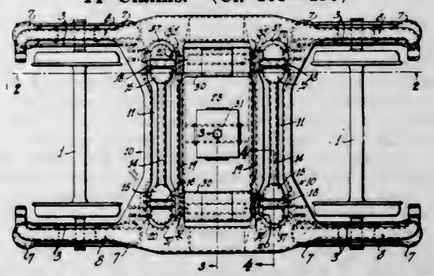
2,127,934

RAILWAY TRUCK

Harry M. Pflager, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware

Application April 20, 1935, Serial No. 17,415

14 Claims. (Cl. 105—190)



2. In a railway truck, a truck frame including spaced cross transoms, springs supported directly by said transoms and constructed and arranged to yield vertically and horizontally, spring caps mounted on said springs, swing hangers carried by said spring caps, a spring plank carried by said swing hangers, and a bolster yieldably mounted on said spring plank.

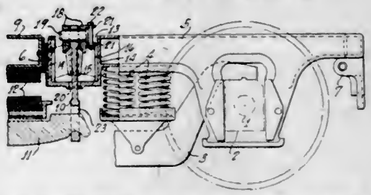
2,127,935

RAILWAY TRUCK

Harry M. Pflager, St. Louis, Mo., and Edmund S. Beckette, East St. Louis, Ill., assignors to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware

Application August 12, 1935, Serial No. 35,710

14 Claims. (Cl. 105—190)



1. In a railway truck, framing, rubber members thereon, elements between said members.

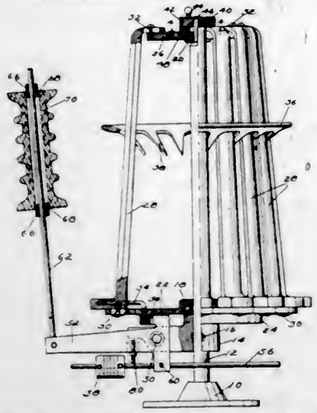
said members being compressed horizontally between said framing and said elements to support the latter, hangers carried by said elements, and a bolster carried by said hangers.

2,127,936

WIRE WINDING APPARATUS

Robert C. Pierce, Niles, Mich., assignor to National Standard Company, Niles, Mich., a corporation of Michigan

Application November 29, 1935, Serial No. 52,065
4 Claims. (Cl. 242—25)



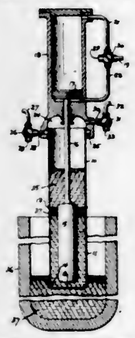
1. A swift comprising a base formed on its lower face with a cylindrical braking flange, a plurality of uprights secured in an annular series about the periphery of the base and which converge upwardly to form a generally conical body upon which wire or the like may be wound, a plate paralleling the base and securing the upper ends of the uprights together, a spindle rotatably engaging the base and said plate, friction means carried by the upper end of the spindle and engaging said plate, and a ring having a series of inwardly-projecting fingers the inner ends of which are spaced apart slightly more than the diameter of said plate and which project between said uprights when the ring is below said plate.

2,127,937

MAKING BEARINGS

Robert D. Pike, Piedmont, Calif., assignor to Kalif Corporation, Emeryville, Calif., a corporation of Delaware

Application April 17, 1935, Serial No. 16,818
7 Claims. (Cl. 22—203)



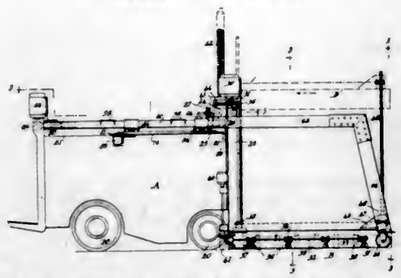
1. The method of making bearings by cast-welding plastic bronze onto an iron or steel tube by heating said tube then treating the surface thereof to be welded with a molten flux and then replacing said flux with said bronze in molten condition, the temperatures of said tube and said bronze being insufficient to cause the maximum firmness of weld, the flux being superheated to a temperature at which heat is imparted to the surface of the tube to be welded to produce the maximum firmness of weld; said method being characterized by forming a casting space between said tube and a movable object at about the same temperature as said tube, removing said object after solidification of the bronze in said casting space and before said solidification occurs at said object and draining out any remaining molten metal and flux.

2,127,938

LIFT TRUCK OR THE LIKE

George H. Pride, New York, N. Y.

Application August 12, 1936, Serial No. 95,510
17 Claims. (Cl. 214—65)



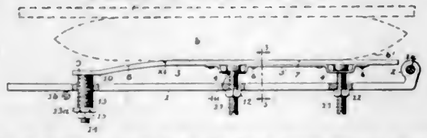
1. A lift truck or the like, comprising a mobile body, a load-carrying support, rotatable relatively to said body in a horizontal plane whereby to permit handling of material at a plurality of radial points about the truck and being also horizontally movable in a plurality of radial lines relatively to said body, and means coacting with the latter and with a floor or similar surface independent of said body for supporting and vertically moving said load-carrying support while maintaining the latter in a substantially unchanged horizontal attitude.

2,127,939

SHUTTLE BINDER

Erich Richter, Cedar Grove, and Hugh Thissen, Hawthorne, N. J.

Application March 22, 1938, Serial No. 197,348
6 Claims. (Cl. 139—185)



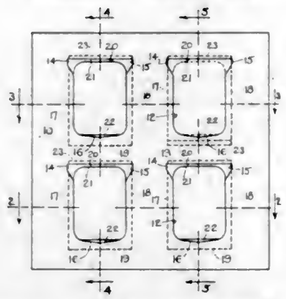
1. A shuttle check including supporting structure itself including an elongated body member and a screw device screwed into and projecting laterally from one end portion of said member, an elongated shoe member beside and extending lengthwise of the body member and having the end portion corresponding to said end portion of the body member bent toward the body member and bearing against said device, means, adjacent to said device, to clamp fast together the shoe member and said structure, and means, removed from said device toward the other ends of the members, to confine the shoe member against angular displacement in a plane cutting the two members lengthwise thereof.

2,127,940

MOUNT FOR FILMS AND THE LIKE

Irwin C. Rinn, Chicago, Ill.

Application March 8, 1938, Serial No. 194,626
7 Claims. (Cl. 40—159)



1. As a new article of manufacture, a mount for films and the like, comprising a pair of sheets of stiff material set face to face, said sheets being provided with companion registering openings constituting a film exposure opening or window, one of said openings being longer than the other to establish a lip of the other opening at one end of said window, and said opening being of increased width at each side of said end to establish an insertion aperture, said aperture being of width at least as great as the film to be inserted into the mount, together with a cementitious connection between the sheets, said connection being continuous with the exception of an unconnected border at each side of the window, and of width substantially as great as the insertion aperture aforesaid, and with the exception of an unconnected border at each end of the window, the said border at the insertion aperture end being of less dimension lengthwise of the window than the said border at the opposite end of the window, whereby a film may be inserted lengthwise through the insertion aperture until completely inserted, and whereby said film may then be moved backwardly to bring its last inserted end portion into the said unconnected border at the insertion aperture end, substantially as described.

6. As a new article of manufacture, a mount for films and the like, comprising a pair of sheets of stiff material set in opposition to each other, there being window openings in the sheets, means to retain the sheets in co-operative relationship, said means being discontinuous around the window to thereby establish a film edge engaging border, one sheet having means through which the film is inserted endwise between the sheets, and the window opening at the opposite end of one of the sheets slanting with respect to the direction of film insertion, whereby as the film end reaches said end of the window opening the engagement of said film end with the end of the window opening is progressive across the window opening during the final stages of film insertion, substantially as described.

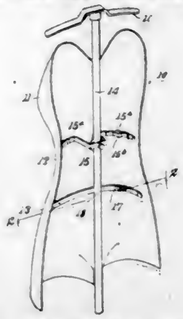
2,127,941

MOLDABLE AND ADJUSTABLE DISPLAY FORM

Ida R. Rock, Brooklyn, N. Y., assignor to Silhouette Form Co. Inc., New York, N. Y., a corporation of New York

Application June 26, 1935, Serial No. 28,406
8 Claims. (Cl. 223—68)

1. A display form for garments comprising an integral flexible hollow body of sheet material simulating the front of the human torso, and a bendable nonresilient member secured to an inner portion of said body transversely thereof and spaced from the upper and lower edges of said



body whereby bending said member will flex adjacent portions of said body to vary the size thereof.

2,127,942

ELASTIC COUPLING

Fritz Schmidt, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England, a British firm

Application September 13, 1937, Serial No. 163,640
In Germany March 20, 1936
4 Claims. (Cl. 64—14)



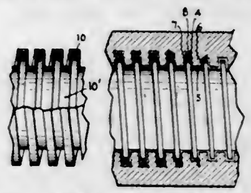
1. A coupling comprising axially spaced plates each having ribs projecting from its face next to the other plates with the ribs on one plate alternating circumferentially with the ribs on the other, and rubber blocks between the ribs and adhering thereto, said blocks extending diagonally to the planes of the plates.

2,127,943

METHOD OF MAKING CORRUGATED FLEXIBLE TUBES

R. Harry Stone, Bound Brook, N. J., assignor to Titeflex Metal Hose Co., a corporation of New Jersey

Application January 30, 1934, Serial No. 708,951
3 Claims. (Cl. 113—35)



1. The method of forming a flexible, corrugated tube comprising a helically disposed strip having a longitudinal groove and the edges of adjacent convolutions interfolded to form a helical seam, the said seam being fixed and the tube depending for its flexibility on the bending of the material in the corrugation which consists in helically disposing a strip having a longitudinal groove and interfolding the edges of adjacent convolutions to form the helical seam and introducing into the interior of the seam as it is formed a thread of solder, the solder being passed through a flux bath whereby the flux is carried by the solder into the seam.

2,127,944
PROCESS FOR REPRODUCING IMAGES
Robert R. Tanner, Detroit, Mich., assignor to Parker-Wolverine Company, Detroit, Mich., a corporation of Michigan
No Drawing. Application June 13, 1936, Serial No. 85,053
3 Claims. (Cl. 95—5)

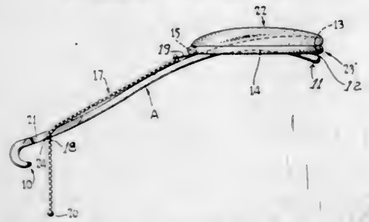
1. The method of reproducing wood graining upon a solid surface which comprises preparing a wood panel to accentuate the grain thereof, initially exposing a photographic plate to a source of white light of uniform intensity, partially desensitizing said exposed plate, photographing said prepared wood panel through a color filter on said plate to produce a positive reproduction of the grain of the wood thereon, said color filter serving to exclude light of short wave length and subsequently utilizing a photogravure process for reproducing the image from said plate upon a solid surface.

2,127,945
DRIED EGG PRODUCT AND METHOD OF PRODUCING THE SAME
Samuel Tranin, Kansas City, Mo.
No Drawing. Application October 10, 1935, Serial No. 44,391
5 Claims. (Cl. 99—113)

1. A method of processing egg whites consisting of mixing liquid egg white with glucose to form an emulsion and prevent souring of the egg white when treated with an acidifying agent, acidifying the emulsion to effect separation of a scum containing chalaza and stringy portions of the egg white, removing the scum, and dehydrating the remaining portion of the emulsion to form a brittle, transparent and crystalline product.

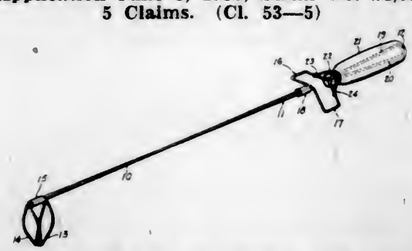
5. An egg white product comprising a dehydrated mixture of egg white, an edible acid of the type consisting of lactic and tartaric acids in the proportion of approximately one-half of one per cent acid prior to dehydration, and glucose in sufficient quantity to prevent the acid from souring the egg white.

2,127,946
APPLICATOR
Grace E. Troeller, St. Albans, N. Y., assignor to Durex Products, Incorporated, New York, N. Y., a corporation of New York
Application April 7, 1937, Serial No. 135,393
5 Claims. (Cl. 128—127)



1. An applicator or inserter device for installing in a cavity of the human body a distensible article, such as a pessary of the type having a resilient annular rim and a body of elastic sheet material; said device comprising an elongated shank having at one end an abutment adapted to be engaged removably with the inner circumference of said annular rim; a flexible tension member having near one end a hook device for engagement removably with a region of said rim remote from said abutment; and means whereby said flexible member may be connected at various selected points along its length with an intermediate region of said applicator shank, and serving when placed under tension and so connected to distend said article to any desired and suitable extent for application.

2,127,947
TONGS
Le Roy Weiss, Milwaukee, Wis.
Application June 3, 1935, Serial No. 24,699
5 Claims. (Cl. 53—5)



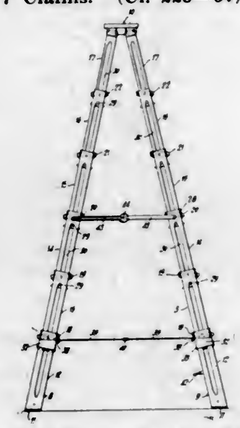
1. In a device of the character described the combination of a pair of wire strands, a supporting handle at the rear ends thereof, a pair of strand actuators adjacent the forward end of said handle each formed on one of said strands, and a pair of pivoted jaws formed at the forward ends of said strands, the portions of said strands between said jaws and said actuators being crossed for the purpose described.

2,127,948
PIANO CASING TOP CONSTRUCTION
Everett Worthington, Chicago, Ill., assignor to Story & Clark Piano Company, Chicago, Ill., a corporation of Delaware
Application May 6, 1936, Serial No. 78,225
19 Claims. (Cl. 84—177)



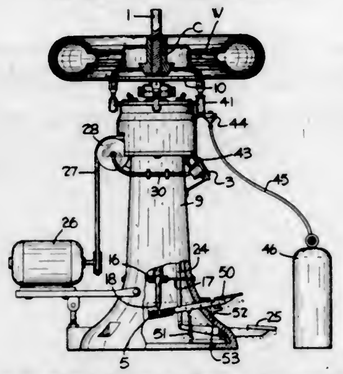
1. A piano casing having a top provided with a sound outlet opening therein, a cover for closing said opening, having front and rear edges in the horizontal closed position thereof, and instrumentalities for mounting said cover to slide forward edgewise in the horizontal plane thereof into a horizontal position with its front edge projecting a distance beyond the front edge of said top wall, and with said opening uncovered behind the rear edge of the cover, including parallel movable guiding means extending forward and rearward under the opposite ends of said cover, connected at the front ends thereof to the front portion of the cover, by which the latter is supported in both its closed and any forward position thereof, parallel stationary guides for said guiding means, fixed on the under side of the top, and stop means to limit said forward horizontal displacement of the cover in the plane thereof.

2,127,949
FOLDING LADDER
Paul Zeman, New York, N. Y.
Application May 8, 1936, Serial No. 78,556
7 Claims. (Cl. 228—37)



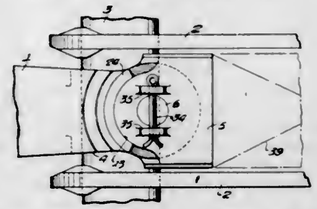
1. In a collapsible and extensible ladder in combination, a series of pairs of telescoping sections, with steps mounted thereon, a locking means, carried by each of the telescoping sections to lock it in an extended position by engaging the adjacent section, manually operable releasing means for releasing one of said locking means, and means carried by each section for releasing the locking means of the adjacent section.

2,127,950
STATIC AND DYNAMIC WHEEL BALANCE TESTER
Claude C. Bennett, South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash., a corporation of Washington
Application October 5, 1936, Serial No. 104,045
13 Claims. (Cl. 73—51)



1. In a wheel balance tester, in combination, an upright spindle and a normally horizontal wheel supporting table fixed thereto constituting a wheel support, means mounting said wheel support for rotation and oscillation normally about a point in the wheel's axis adjacent its center of gravity, to indicate dynamic unbalance, and selective means for restraining oscillative movement of the spindle at a point remote from said table to cause oscillation of said spindle about a point in the wheel's axis distant from its center of gravity, to indicate static unbalance.

2,127,951
DRAFT RIGGING
Emil H. Blattner, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application December 7, 1934, Serial No. 756,531
11 Claims. (Cl. 213—72)

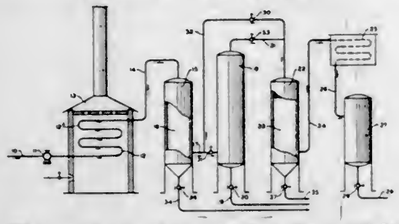


1. A swiveling coupler comprising a stem with a pair of rearwardly extending apertured flanges at the rear end thereof, a member with flange means received between said stem flanges and formed with an aperture normally registering with the stem flange apertures, and pivotal means extending through said apertures for connecting said member to said stem, the end surfaces of said flanges and flange means being coaxial with the apertures, said stem having surfaces disposed between the flanges coaxial with the flange apertures and normally engaged by the end surfaces of said member flange means, said member having surfaces coaxial with the flange apertures and normally engaged by end surfaces of said stem flanges, said pivotal means engaging a portion of said member to hold it in position, said portion preventing the assembly of said pivotal means except in one direction relative to said member, wherefore it is desired that said member be prevented from accidental assembly with the normally-positioned stem when upside down, said flange means having the upper surface formed of substantially different area from the lower surface and the engaged surfaces on the stem between the stem flanges being formed to correspond with the upper and lower surfaces of said member flange means, without interfering with normal angling between said coupler and member, and maintaining full normally vertical bearing area between said stem surfaces and the corresponding edge surfaces of the flange means, for the full vertical extent of said flange means, and for substantial distances on either side of the longitudinal center line of the coupler, while preventing assembly of the pivotal means with the coupler and member when the latter are in other than normal relative positions.

2,127,952
PROCESS OF MAKING REACTED PLASTER
Parker C. Choate, Essex, Mass.
No Drawing. Application October 21, 1935, Serial No. 46,047
14 Claims. (Cl. 106—34)

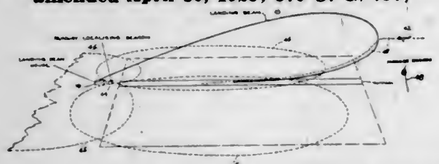
1. The process of forming an economic reacted plaster, which consists in tumbling a mixture of CaO and gypsum during the propagation of an inter reaction.

2,127,953
PROCESS OF TREATING HYDROCARBON OILS
Harry E. Drennan, Whittenburg, Tex., assignor to Phillips Petroleum Company, a corporation of Delaware
Application July 25, 1936, Serial No. 92,631
4 Claims. (Cl. 196—52)



2. The method of increasing the anti-knock qualities of hydrocarbon motor fuels boiling within the gasoline range which comprises passing said hydrocarbons while in the vapor phase and at a temperature within the range of 500° to 1,200° F. in contact with a body of caliche of the limestone type at a flow rate so regulated that the boiling range of the treated product is not materially altered.

2,127,954
RADIO BEAM AND RECEIVING DEVICE FOR BLIND LANDING OF AIRCRAFT
Francis W. Dunmore, Washington, D. C., assignor to the Government of the United States, as represented by the Secretary of Commerce
Application August 5, 1932, Serial No. 627,625
16 Claims. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



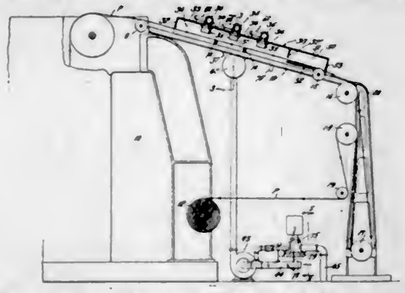
1. A method of guiding aircraft approaching a landing surface which consists of transmitting a directive radio beam at a suitable angle with respect to said landing surface, and guiding said craft to follow a predetermined line of constant received signal below the angle of maximum radiation of the beam.

2,127,955
METHOD OF PRINTING
Philip A. Frazier, Oak Park, Ill.
No Drawing. Application July 17, 1936, Serial No. 91,095
9 Claims. (Cl. 101—426)

1. In relief or letterpress printing the method of supplying moisture to material to be printed, comprising spraying the printing ink of an oil or grease base with water in finely divided form just prior to the time said printing ink is applied to a printing face.

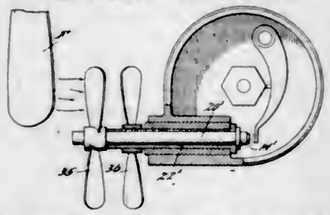
2,127,956
METHOD AND APPARATUS FOR DRYING PRINTING INK
Robert Helmer, Douglaston, N. Y., assignor to The International Printing Ink Corporation, New York, N. Y., a corporation of Ohio
Application December 26, 1935, Serial No. 56,244
12 Claims. (Cl. 34—48)

9. The method which comprises printing at room temperature with an ink containing a combustible binder dissolved in a volatilizable and inflammable solvent which is substantially non-volatile at room temperature, and then applying to printed ink through a gaseous medium heat of



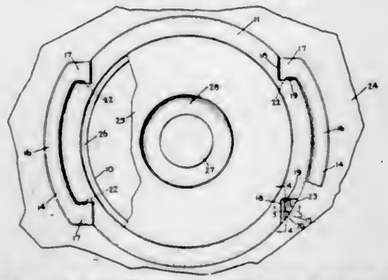
sufficient intensity to volatilize the ink solvent instantaneously and ignite the solvent vapor, and limiting the time of application of said heat to a period so short that the heat does not char the ink binder.

2,127,957
TIMER FOR INTERNAL COMBUSTION ENGINES
Myrl Ives and James D. La Bell, Flint, Mich.
Application February 19, 1937, Serial No. 126,718
15 Claims. (Cl. 200—30)



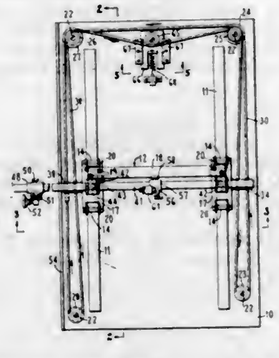
11. A circuit interrupter for internal combustion engine ignition systems including, in combination, a pair of contacts, means to oscillate one of said contacts, means mounting the other contact to move in a circular path and a fan exposed to air moving by said interrupter to move said contact in its path.

2,127,958
PAIL
Francis H. McCormick, Dayton, Ohio, assignor to Edison General Electric Appliance Company Incorporated, Chicago, Ill., a corporation of New York
Application May 25, 1937, Serial No. 144,656
5 Claims. (Cl. 220—94)



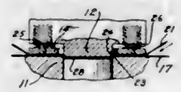
5. A cooker pail and the like comprising a receptacle for receiving edibles provided with a flange extending outwardly from the upper edge thereof and having a substantially flat upper surface, oppositely positioned handles for said pail having flat hand grasping portions outside of the flange and relatively close to it, the handles also having hinge parts at the ends of the hand grasping portions extending inwardly and the flange having spaced seats below its upper space receiving said hinge parts, means pivotally connecting said hinge parts to the walls of the seats, and the seats supporting the hinge parts to hold the handles with the upper surfaces of the hand grasping portions substantially in the plane of the upper surface of the flange, and the pivotal connecting means providing for pivotal movement of the hand grasping portions to substantially vertical positions.

2,127,959
UNIVERSAL CUTTING MACHINE
James D. McKiernan, Brooklyn, N. Y., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application May 28, 1937, Serial No. 145,279
9 Claims. (Cl. 266—23)



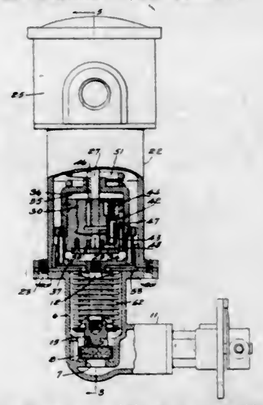
1. A cutting machine including a torch-supporting structure, a carriage on which said structure is supported, guides along which the carriage travels, and flexible cable means connected to and movable with the carriage, and constructed and arranged to hold the carriage parallel to itself during its movement along said guides.

2,127,960
METHOD OF AND APPARATUS FOR PERFORATING
Thomas E. Piazze, Milwaukee, Wis., assignor to Milprint Products Corporation, Milwaukee, Wis., a corporation of Delaware
Application December 7, 1936, Serial No. 114,659
28 Claims. (Cl. 164—18)



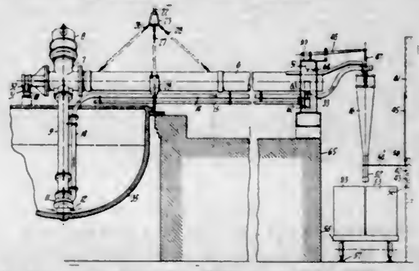
1. The method of shearing sheet material with the aid of cooperating dies, which comprises, positioning primary and secondary sheets of material between the dies, and causing said secondary sheet to fold over the cutting edge of one of the dies and to cooperate in folded condition with the cutting edge of the other die during subsequent shearing of said primary sheet.

2,127,961
ACTUATOR
William R. Ray, San Francisco, Calif., assignor, by mesne assignments, to General Controls Co., a corporation of California
Refiled for abandoned application Serial No. 432,631, March 3, 1930. This application November 11, 1935, Serial No. 49,271
12 Claims. (Cl. 60—52)



1. An actuator comprising cooperating cylinder and piston members forming a chamber, said cylinder being movable on said piston, a fluid pump on said piston, a motor for operating said pump to supply fluid to the chamber whereby said cylinder is moved relative to said piston in one direction, means for automatically moving said cylinder in an opposite direction to said one direction upon failure of the fluid supply to the chamber, and means operable upon movement of said cylinder in said opposite direction to release fluid from between the cylinder and piston.

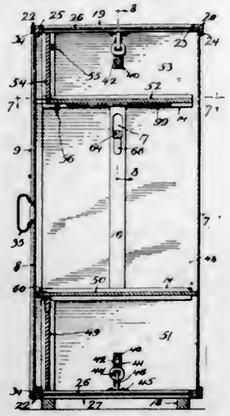
2,127,962
LIQUID CAUSTIC HANDLING EQUIPMENT
Leland S. Rosener, San Francisco, Calif., assignor to Great Western Electro-Chemical Company, a corporation of California
Application June 21, 1937, Serial No. 149,446
4 Claims. (Cl. 226—94)



4. An apparatus for filling vessels with a dangerous commodity as hot caustic comprising a centrifugal pump, means positioning said pump in a vessel to be pumped, a variable speed prime mover for driving said pump at selected speeds to effect delivery and non-delivery from said pump, control means at an operator's station for varying said prime mover speed, a glass shield for the operator at the operator's station, a carrier vehicle movable past said operator's station and carrying a plurality of vessels to be filled with said commodity in view of an operator behind said shield, means at said station for controlling

movement of said vehicle, means for receiving the pump discharge and for directing said discharge into a vessel to be filled including a discharge spout insertable into a filling opening in said vessel, means for raising and lowering said spout from and into a vessel, control means for said spout raising and lowering means at said operator's station, and an operator operated means for positioning said spout accurately above the filling opening in a desired vessel carried past said spout by said vehicle.

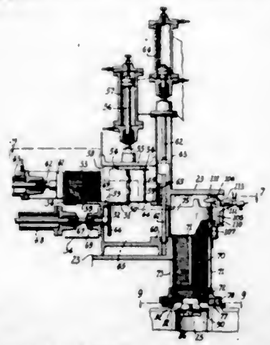
2,127,963
MOTHPROOF CABINET
George Rottman, Brooklyn, N. Y.
Application January 17, 1934, Serial No. 706,946
2 Claims. (Cl. 312—146)



2. A collapsible cabinet comprising a blank bent on vertical lines to form side and back walls, and a hinged door closing one side of said cabinet, top and bottom walls for closing the ends of the cabinet, grooved strips attached to the inner sides of the side walls of the cabinet and extending horizontally thereof, other grooved strips extending vertically and attached to said side walls inside of but adjacent said door of the cabinet, and a sliding panel slidable along said horizontal strips, and another panel slidable vertically in said second mentioned strips and cooperating with said first panel and with the walls of the cabinet to form an inner compartment accessible through said door and through said second panel, the forward edge of said horizontal panel forming a support for the lower edge of the sliding vertical panel, said horizontal panel being adapted to be moved backwardly to allow the vertical panel to slide vertically.

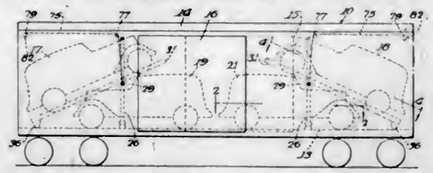
2,127,964
CAPPING AND SEALING APPARATUS
William Miles Ryan and John W. Bold, Brooklyn, N. Y., assignors to Ryan Coffee Corporation, Brooklyn, N. Y., a corporation of New York
Application January 3, 1935, Serial No. 194
27 Claims. (Cl. 226—68)

23. Apparatus for feeding covers to a sealing room which comprises means for maintaining a stack of covers within said room, means controlled by the height of said stack of covers within said room automatically to supply covers to said stack when its height falls below a predetermined level, said means comprising a chamber into which covers are supplied and from which they are supplied to said stack and means for changing the gaseous contents of said chamber when covers are placed therein for transfer to said stack.



25. A method of sealing a group of containers in an air free gas which comprises replacing air about containers to be sealed with the air free gas, separately replacing air about a group of closures with air free gas, bringing said containers and said closures separately into a common sealing room filled with said air free gas, and separately and individually placing and sealing closures on said containers in said room.

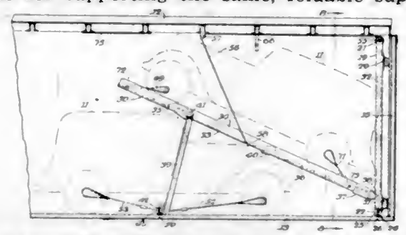
2,127,965
LOADING DEVICE
Sven J. Strid, Chicago, Ill., and Steadman O. Taylor, St. Louis, Mo., assignors to Evans Products Company, Detroit, Mich., a corporation of Delaware
Application September 20, 1934, Serial No. 744,812
16 Claims. (Cl. 105—368)



1. In a railway car, a pair of upright guide members having their upper ends pivotally secured to said car, a pair of automobile supporting members, means for slidably connecting said guide and supporting members together, means for elevating said members, extensions pivotally mounted on the outer ends of said supporting members for supporting the same on the car floor and means for automatically folding said extensions when said members are elevated to inoperative position.

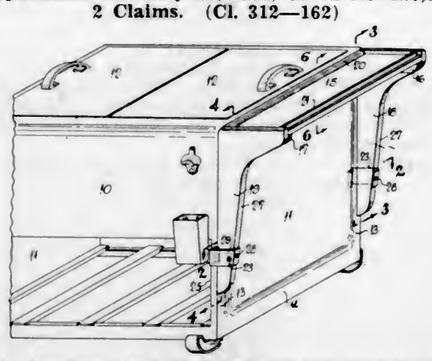
2,127,966
LOADING DEVICE
Sven J. Strid, Chicago, Ill., and Steadman O. Taylor, St. Louis, Mo., assignors to Evans Products Company, Detroit, Mich., a corporation of Delaware
Application June 24, 1935, Serial No. 28,126
6 Claims. (Cl. 105—368)

2. In a railway car for transporting automobiles, standards adjacent one end thereof pivoted to the upper portion of said car and movable to a position adjacent to and parallel with the end wall of the car, each standard comprising a one-piece rigid structure, means for detachably connecting said standards to the floor of said car, a platform slidably connected at its outer end to said standards and supported thereon, said platform engaging beneath the wheels of an automobile for supporting the same, foldable supports



for supporting the inner end of said platform, and means for folding said standards and platform longitudinally of the car into a position beneath the car roof.

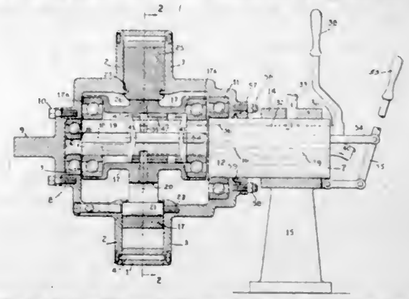
2,127,967
DISPLAY STAND
William E. Thomas, Charlotte, N. C., assignor to Lance Packing Company, Charlotte, N. C., a corporation of North Carolina
Application February 24, 1937, Serial No. 127,492
2 Claims. (Cl. 312—162)



1. A cabinet and display stand attached thereto, said cabinet having an end wall provided with depressions along its outer edges and along its upper edge, said display stand comprising a shelf and a pair of legs, one edge of the shelf fitting in the depression along the upper edge of the cabinet and the legs fitting in the depressions along the outer vertical edges of the cabinet and a pair of clamps engaging said legs and said cabinet for securing the display stand to the cabinet.

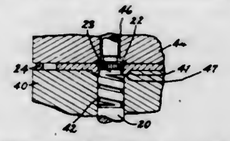
2,127,968
ROTARY STEAM ENGINE
Robert L. Bailey, Glendale, Calif.
Application September 3, 1935, Serial No. 38,895
7 Claims. (Cl. 121—57)

7. In a gaseous fluid engine, an external rotor mounted on a shaft, an internal rotor mounted within said external rotor and on a shaft eccentric with the shaft for said external rotor, a plurality of recesses in said internal rotor, pins in each of said recesses fixed to said external rotor, a plurality of radially disposed slots in said internal rotor, vanes in said slots movably engaged with said external rotor so as to divide the space between said rotors into a plurality of non-communicating chambers, radial ports in said rotor adapted to communicate with said chambers, an intake and an exhaust passageway in the shaft of said internal rotor adapted to communicate with said ports, a second intake passageway in the shaft of said internal rotor communicating with said first mentioned passageway adapted to permit introduction of gaseous fluid into said chambers to start rotation of said rotors, a slide valve mounted on said shaft of said internal rotor and adapted to slide thereon, a port in said



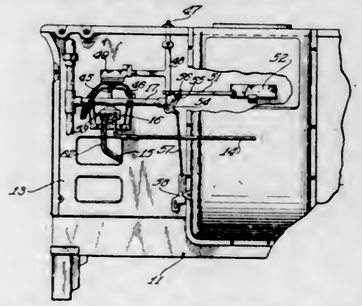
slide valve adapted to register with said second mentioned intake passageway, another port in said slide valve adapted to register with said first mentioned intake passageway and an exhaust port in said slide valve adapted to register with the ports in said internal rotor.

2,127,969
METHOD OF ASSEMBLING FLAT PLATES TO SHAFTS
William H. Dingwerth, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 7, 1935, Serial No. 43,897
9 Claims. (Cl. 29—148)



1. The method of affixing a plate to a shaft having a knurled portion, comprising the steps which include, blanking the plate, forming an opening in the plate, drawing the material about the opening away from the plane of the plate to form a larger opening, forcing the plate on the shaft, and then forcing the drawn material below the knurled portion of the shaft.

2,127,970
STOVE
Charles F. Gatons and Lawrence J. Hausser, Joliet, Ill., assignors to The Moore Corporation, Joliet, Ill., a corporation of Delaware
Application October 2, 1936, Serial No. 103,690
4 Claims. (Cl. 126—36)



1. In a stove having a two-fuel oven, a fluid fuel burner in said oven, a secondary air inlet to

said oven, and a flue outlet from said oven; control means movable to open and close said secondary air inlet and said flue outlet, valve means operable to control the supply of fuel to said burner, and interlocking mechanism for preventing movement of said valve means to open position when said control means is in closed position and for preventing movement of said control means to closed position when said valve means is in open position.

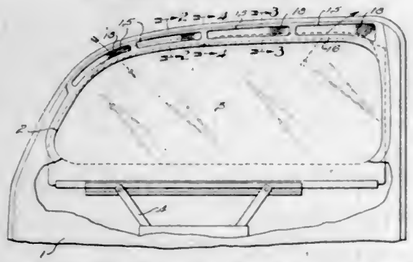
2,127,971

VEHICLE BODY VENTILATION

Otto F. Graebner, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware

Application August 30, 1935, Serial No. 38,585

4 Claims. (Cl. 296—44)



1. In an automobile door having a window opening, a transverse slot extending through said door above said window opening to permit the circulation of air to the interior of the car, a finish molding secured to the interior side of the door cooperating with said slot and carrying screening to filter the circulated air.

2,127,972

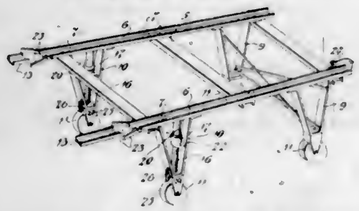
MEANS FOR SUPPORTING REMOVABLE VEHICLE BODIES

Allan Robert Hutchinson and Lancelot John Hutchinson, Glen Iris, Victoria, Australia

Application June 17, 1936, Serial No. 85,680

In Australia June 21, 1935

4 Claims. (Cl. 280—44)



1. Apparatus for the purpose specified, characterized by a horizontal frame, support means for said frame including a plurality of tubular members projecting downward from said frame, each said member having a flange at the lower end thereof, a nut aligned with and rotatably supported by each said member, a threaded shaft in threaded engagement with each said nut and projecting downward therefrom, a bearing block secured to the lower end of each said shaft, a roller journaled in each said block, means for releasably holding said block and shaft against rotation, and a guide member for each shaft rigidly secured to said frame and surrounding its shaft at a point near its respective bearing block.

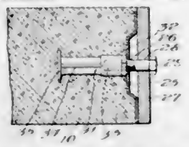
2,127,973

ANCHORING DEVICE

John Warren Isett, Hinsdale, Ill.

Continuation of application Serial No. 33,682, July 29, 1935. This application March 31, 1936, Serial No. 71,858

4 Claims. (Cl. 94—4)



2. In an anchoring assembly of the character described, an embedding member comprising a shank portion, a laterally extending portion and a socket portion, said socket portion being adapted to abut a concrete form or plate, together with means in combination therewith for maintaining said embedding member temporarily in abutting engagement with said form or plate, said means comprising a member having one extremity adapted to engage the form or plate and the opposite extremity adapted to interlock within said socket portion.

2,127,974

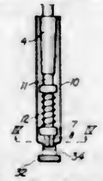
APPARATUS FOR HANDLING TUBES

Bror Anders Emil Johnson, Alsten, Sweden, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden, a joint-stock company of Sweden

Application April 18, 1938, Serial No. 202,735

In Sweden April 19, 1937

9 Claims. (Cl. 226—88)



1. In an apparatus for handling tubes of relatively soft material provided with a threaded closure cap, the combination of a mandrel having an end provided with sharp portions, a member for supporting the tube by said cap, means for positioning said tube on said mandrel and pressing said sharp portions against a bottom of said tube, and means for rotating said mandrel and said supporting member relative to one another to screw said cap to said tube.

2,127,975

FUMIGATING OR DEODORIZING DEVICE

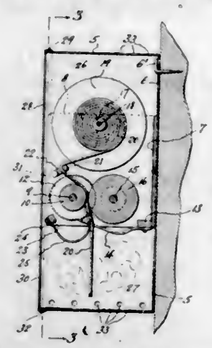
Archibald Kemp, Maplewood, Herman Winckler, Bloomfield, and William Carl Walton, West Orange, N. J.

Application December 24, 1936, Serial No. 117,588

2 Claims. (Cl. 21—111)

1. In a device of the kind described, a casing having vent openings, opposed feed rollers mounted within said casing intermediate its top and bottom ends, one of said rollers comprising a drive roller and the other an idler roller, said idler rollers being of substantially greater diameter than said drive roller, means above said rollers to supply cord-like combustible material for engagement by the nip of said rollers subject to down feeding movement by the latter upon rotation thereof, and a fixed resilient snuffer blade, a free end portion of said snuffer blade

being disposed to yieldably press said cord-like material against the circumference of said larger idler roller at a point substantially below the nip of the rollers without impeding its downward



movement while nevertheless pinching the same with snuffing effect to arrest combustion thereof at a point short of releasing the same from the nip of said rollers.

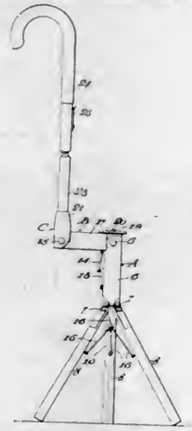
2,127,976

COMBINED CANE AND STAND

Philip Y. K.-Howat, Baltimore, Md.

Application December 14, 1936, Serial No. 115,862

10 Claims. (Cl. 135—47)



1. In a device of the character described, the combination of a handle portion, and a shank portion, said shank portion being composed of articulated sections adjustable to position for providing a supporting base section, a horizontal foot support section, and a vertical hand support section.

2,127,977

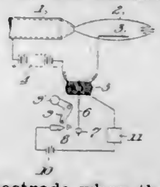
THERMIONIC RELAY CIRCUITS

Anthony H. Lamb, Elizabeth, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

Application September 7, 1935, Serial No. 39,654

11 Claims. (Cl. 175—320)

1. In a thermionic relay circuit, means for establishing a flame stream, an electrode normally heated to electron-emitting temperature by the flame stream, a second electrode for receiving electrons emitted by the first electrode, said second electrode being heated by the flame stream to a substantially lesser degree of electron emission than the first electrode and a source of potential and a current-responsive control device serially connected between said electrodes to complete a circuit in which a thermionic current is produced by the attraction of electrons



to said second electrode when that electrode has a positive potential with respect to the first electrode, said control device including a pair of contacts and movable means actuated by thermionic current flow in said circuit for controlling said contacts.

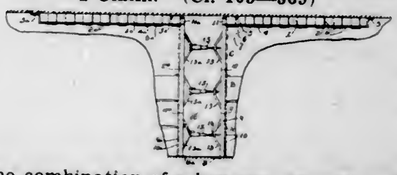
2,127,978

FREIGHT CAR BULKHEAD

Hubert J. Lee, San Jose, Calif.

Application September 29, 1936, Serial No. 103,110

1 Claim. (Cl. 105—369)



The combination of a box car, opposed pockets disposed below the car ceiling in parallel relation thereto and closely adjacent thereto, and extending transversely of the car substantially the width of the ceiling, sectional and hingedly connected bulkhead walls manually movable into and out of said pockets, collapsible brackets hingedly mounted on each wall section, the brackets on one wall section of one bulkhead being disposed opposite the brackets on the corresponding wall section of the other bulkhead so that spreading means may be operable between opposed brackets when the bulkheads are out of the pockets, spreading means operable between each two opposed brackets, and bumper elements associated with the uppermost portions of the bulkheads in operable relation to the car ceiling.

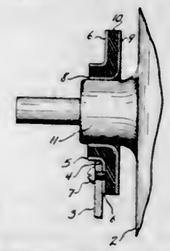
2,127,979

RESILIENT MOUNTING FOR MOTORS AND GENERATORS

Homer J. Loftis, Ironton, Ohio, assignor to Henrite Products Corporation, Ironton, Ohio, a corporation of Ohio

Application December 18, 1936, Serial No. 116,472

1 Claim. (Cl. 248—26)



In a resilient mounting for supporting motors, generators and similar machines, an inner sleeve

member having a radially extending end flange, a spaced outer sleeve member also having an end flange, and a body of resilient rubber interposed between and molded and bonded to said sleeves and their flanges, the natural shrinkage of said rubber body after molding serving to produce stresses in said rubber body of both shear and tension in three dimensions.

2,127,980

SUPPORTING MEMBER

Frederick A. Niemann, Chicago, Ill., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill., a corporation of Illinois

Application May 13, 1936, Serial No. 79,504

3 Claims. (Cl. 248—188)



1. In a folding support, an attaching plate adapted to be secured to an object to be supported, a downwardly extending stud mounted on said plate, a link pivotally mounted on said stud having an elongated slot therein, a tubular leg member resiliently secured to said link, and a pin mounted in said leg and extending through said slot for limiting the relative movement between said leg and said link.

2,127,981

SUPPORTING MEMBER

Frederick A. Niemann, Chicago, Ill., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill., a corporation of Illinois

Application May 13, 1936, Serial No. 79,505

4 Claims. (Cl. 248—188)



1. In a folding support, a first member adapted to be secured to an object to be supported, a threaded member pivotally mounted on said first member, and an internally threaded leg member screwed onto said threaded member and movable therewith relative to said first member between extended and retracted positions, said three members being adapted to be rigidly secured together in either of such posiitons by rotation of said leg into engagement with said first member.

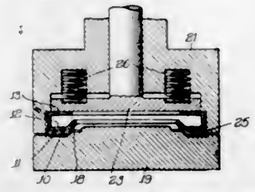
2,127,982

METHOD OF MANUFACTURING OIL SEALS

Harry L. Northup and Jens Agger, Chicago, Ill., assignors to Chicago Rawhide Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application March 2, 1936, Serial No. 66,600

9 Claims. (Cl. 29—148)



1. The method of manufacturing a self-contained permanently assembled oil seal, for insertion as a unit within a housing about a shaft, in which seal the packing element is made of flexible sheet material, such as leather, and has a somewhat conical sealing portion, which consists in taking the packing element while the sealing portion thereof is still in an unformed condition, assembling it with the other parts which are to make up the seal, placing the assembled parts in a press, and closing the press to form the sealing portion of the packing element into the desired conical shape and at the same time permanently secure it to the other parts.

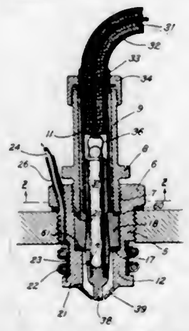
2,127,983

COMBUSTION CONTROL FOR INTERNAL COMBUSTION ENGINES

Edward B. Nowosielski, Bloomfield, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey

Application October 1, 1936, Serial No. 103,594

3 Claims. (Cl. 123—169)



1. An ignition accessory for internal combustion engines comprising, a current conducting body, a heating unit coiled about the body above its base and exposed within the combustion chamber of the engine, and insulating means interposed between the body and the heating unit, said means comprising a sheet of dielectric material wrapped about said body and held in position thereon within the superimposed turns of wire constituting said heating unit.

2,127,984

PROCESS FOR THE MANUFACTURE OF ARTIFICIAL SILK

Walter Ostermann, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Original application January 2, 1935, Serial No. 108. Divided and this application July 7, 1936, Serial No. 89,461. In Germany January 26, 1934

5 Claims. (Cl. 18—54)

1. In the method of removing the tackiness of freshly spun yarn bodies of hydrated viscose cellulose, the step comprising treating the yarn bodies of viscose cellulose prior to the first drying with an aqueous emulsion of a substance of the group consisting of fats and oils at a temperature above 70° C.

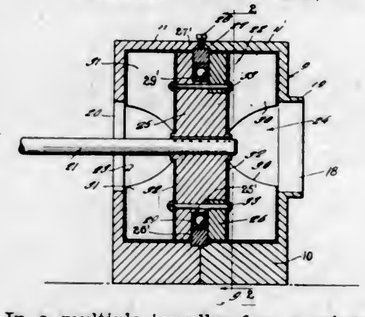
2,127,985

DUST AND DIRT COLLECTING AND DISPOSAL MACHINE FOR MINES

Tyra A. Philpott, Phoenix, Ariz.

Application October 22, 1936, Serial No. 107,096

2 Claims. (Cl. 230—128)



1. In a multiple impeller fan, a substantially cylindrical casing, an annular member countersunk in the inner face of said casing to extend inwardly therefrom in the diametrical center thereof, a fan in said casing including a rotor rotatably mounted on said member and dividing the casing into two compartments, said rotor having a rabbeted periphery and including a detachable side plate forming together with said rabbet a circumferential groove in the rotor receiving said member, anti-friction devices in said groove between said member and said rotor, and blades secured to opposite sides of the rotor for operation in said compartments.

2,127,986

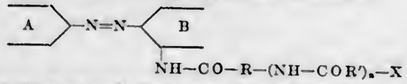
AZO DYESTUFFS

Hans Roos, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application January 30, 1935, Serial No. 4,185. In Germany February 9, 1934

4 Claims. (Cl. 260—160)

1. Azo dyestuffs of the general formula:



wherein A stands for a member selected from the group consisting of radicals of the naphthalene and benzene series free from a hydroxy or an amino group, B stands for a radical of the benzene series free from a hydroxy group and further amino and azo groups, R and R' stand for radicals of the benzene series and "n" stands for one or zero, and wherein X stands for a member selected from the group consisting of the amino group and the group N=N—R'', wherein R'' means a radical of an azo dyestuff coupling component, dyeing the vegetable fibre various shades which are well dischargeable both with a neutral and with an alkaline discharge paste.

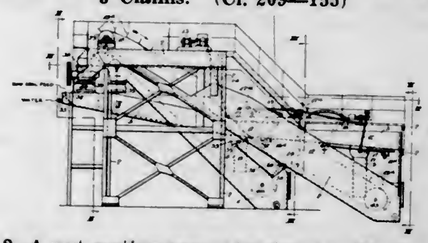
2,127,987

WASHER FOR COAL AND THE LIKE

Homer B. Slater, Pittsburgh, Pa., assignor to Koppers-Rheolaveur Company, a corporation of Delaware

Application June 25, 1936, Serial No. 87,276

3 Claims. (Cl. 209—155)



2. A wet sorting apparatus for classification of minerals in a liquid stream, comprising at least a main and a rewash launder each having an upper and a lower evacuating valved device depending at spaced intervals, sheathed elevators individual to the respective evacuating devices converging at their upper ends at substantially the same elevation in horizontal alignment crosswise of the launders upstream thereof, cross conveyors upstream of the launders for conveying material from the elevators to the launders, with the sheathing for the elevators and the launders arranged closely side by side, and a unified drive common to the elevators at the upper ends thereof crosswise of the launders and elevators; and in which each elevator is provided at its lower end with submerged length adjustable means comprising a wedge-block with a plurality of facing recesses, a bushing in a dead-eye bearing, wedge plates engageable in said recesses and a gib key for securing the wedge plates therein; and in which the valve operating means for each of the valves of the upper evactuating devices comprise a lever above the launders, a depending link outside the launders, between the outermost elevator and the launders, a shaft on the top of the interposed sheathing, connected to the depending link and to the shaft for the upstream valve by a link underneath the outermost sheathing, said shaft extending through the interposed sheathing to the inside of the upstream evacuating device.

2,127,988

COOKING UTENSIL

Harold Tarrant, Sydney, New South Wales, Australia

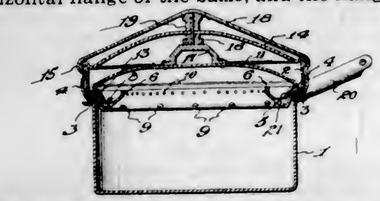
Application April 22, 1937, Serial No. 138,448

In Australia July 7, 1936

2 Claims. (Cl. 53—1)

2. A saucepan, having upon its upper end an extension of larger diameter, a hollow truncated conical baffle within the extension, having an open top with a surrounding ring of perforations, a perforated channel upon the lower end of the baffle, a vertical wall thereof fitting the upper end of the saucepan, a horizontal flange upon the top of said vertical wall resting upon the bottom of

the extension, an emergency lid, a flange thereof fitting within said vertical wall of the baffle, and having a horizontal flange resting upon the horizontal flange of the baffle, and the flange carried by said emergency lid fitting within the vertical wall of the baffle being inclined inwardly so as to deflect fluid within the channel at the lower end of the baffle, and means for holding the flange of the lid within said baffle.

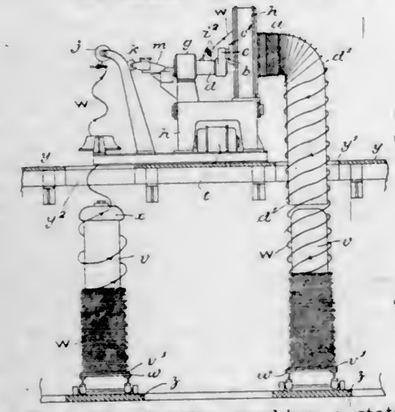


2,127,989

WIRE-DRAWING MACHINE

Charles Arnold Barron and Herbert Douglas Barron, Preston, England

Application February 16, 1937, Serial No. 126,097
In Great Britain February 26, 1936
11 Claims. (Cl. 205—16)



1. In a wire drawing machine, a stationary receiving drum, wire drawing means, means for traversing said drawing means in a circular path about said drum, a spindle on which the drum is mounted and means for holding said spindle stationary, an arm fast on said spindle, a rotatable spindle having its axis offset from that of the stationary spindle and its end journalled in the arm fast on the stationary spindle, and a guide carried by and offset radially from the axis of the rotatable spindle, by which guide the wire to be drawn is engaged on its way to the drawing means.

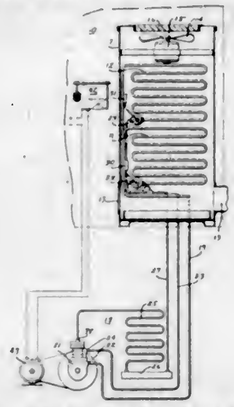
2,127,990

REFRIGERATING APPARATUS

Robert R. Candor, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application April 16, 1934, Serial No. 720,731
11 Claims. (Cl. 62—115)

9. Refrigerating apparatus comprising a relatively high pressure evaporator, a relatively low pressure evaporator, a compressor having a crankcase, cylinder and piston, said piston having a valved connection with said crankcase, said cylinder having an intake connected with said high pressure evaporator, said crankcase having an intake connected to said low pressure evaporator, an oil separator for said high pressure intake, means automatically introducing separated oil from said separator to said crankcase, and condensing means connected to said compressor and said evaporators.

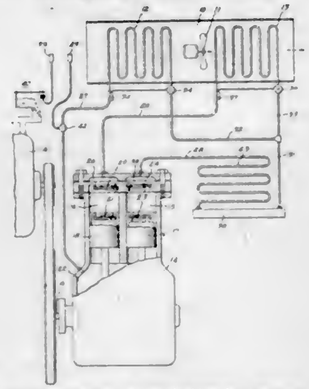


2,127,991

REFRIGERATING APPARATUS

Robert R. Candor, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application April 30, 1934, Serial No. 723,173
17 Claims. (Cl. 62—115)



1. In combination a relatively warm evaporator, a relatively cold evaporator, compressing means and condensing means connected to withdraw evaporated refrigerant from said evaporators, compress and condense the same and return condensed refrigerant to said evaporators, said compressing means including compressing chambers of substantially the same volumetric displacement, the suction line from said cold evaporator being connected to the intake of one of said compressing chambers, the discharge from said last named compressing chamber and the suction line from said warm evaporator being connected to the intake of another of said compressing chambers.

11. A car having a passenger enclosure having a row of seats, an air conditioning apparatus for said enclosure disposed between two seats comprising means creating a stream of air and cooling means in thermal exchange relationship with said stream of air.

2,127,992

WINDOW FASTENER

Ernest Carter, Melrose Highlands, Mass.

Application February 28, 1938, Serial No. 192,904
1 Claim. (Cl. 292—302)



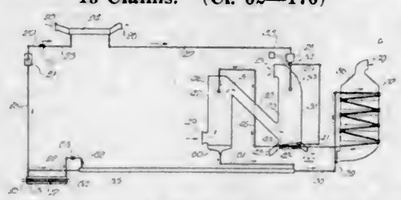
A fastening device for securing separable members in fixed position, comprising a plate member formed with an integral offset substantially wedge-shaped head, said plate member being adapted to be secured to one of said members so as to hold said head in spaced relation thereto, said head having an opening in one face, a socket member adapted to be secured to the other of said members, said socket member having an opening in one edge thereof, the interior of said socket member being shaped to receive said head so that when in assembled relation the opening in said head registers with the opening in said socket member, and a locking member comprising a pin adapted to be inserted into the openings in said socket member and head so as to hold the parts in fixed position.

2,127,993

AIR CONDITIONING SYSTEM FOR AEROPLANES OR THE LIKE

Robert B. P. Crawford, Fort Worth, Tex.

Application April 26, 1933, Serial No. 667,970
15 Claims. (Cl. 62—176)



12. In an air conditioning system, the method of conditioning air which comprises forcing air into a dehyrating chamber, spraying said air with a dehydrating solution, regenerating said solution by evaporating moisture therefrom, utilizing the pressure of the moisture vapor to effect circulation of said solution, condensing said vapor, cooling said air subsequent to dehydration thereof by evaporation of a portion of said condensed vapor, and cooling the regenerated solution by evaporation of the remaining portion of said condensed moisture.

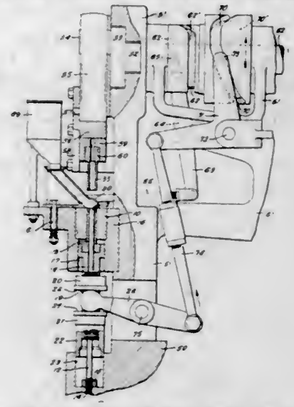
2,127,994

METHOD OF BRIQUETTING FINELY DIVIDED MATERIAL

James H. Davis and John C. Lemming, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application December 3, 1934, Serial No. 755,666
5 Claims. (Cl. 18—55)

1. The steps in the method of briquetting bodies from loose powdered material comprising: filling a vertically elongated mold cavity with the loose powdered material to be briquetted by dropping the loose powder therein by the force of gravity while forming said cavity by a receding movement of the bottom wall relative to the side walls of said cavity whereby to avoid entrapment of air within the powdered material during filling of the cavity, then moving said bottom wall upwardly to eject part of the loose material from the upper end of said mold cavity, then highly compacting the powdered material remaining in said cavity by an axially moving plunger.

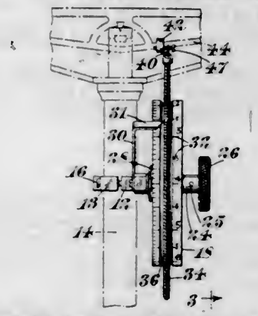


2,127,995

BALANCE OR WEIGHING SCALE

Herbert Henry Grainger, London, England, assignor, by mesne assignments, to Chicago Apparatus Company, Chicago, Ill., a corporation of Illinois

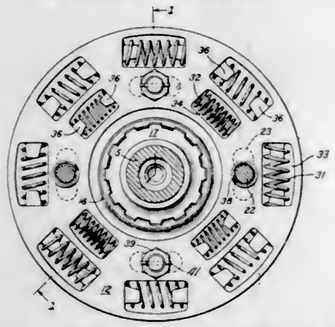
Application January 9, 1936, Serial No. 58,401
In Great Britain January 12, 1935
2 Claims. (Cl. 265—60)



1. A weight applying attachment for a balance having a beam arm and a center pillar on which said arm is fulcrumed, said attachment comprising a supporting bar, clamping means cooperating with one end of said bar for detachably clamping said bar to the center pillar, a mounting stud secured to the other end of said bar, a sleeve journaled on said stud, a calibrated drum secured to said sleeve, a weight applying cable wound about and secured at one end to the drum, a detachable clamp connected to the free end of said cable and having a generally U-shaped portion adapted to be slidably received on the beam arm and to be clamped to said beam arm, a manually operable knob formed on one end of said sleeve for rotating said drum to apply predetermined weights corresponding to different lengths of said cable to said beam arm, a spring

washer on said stud and clamped between the drum and the supporting bar to frictionally retain the drum in adjusted position, and a fixed reference member cooperating with the drum.

2,127,996
COUPLING MECHANISM
Clinton H. Havill, South Orange, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application March 19, 1937, Serial No. 131,913
4 Claims. (Cl. 64—27)



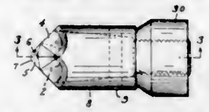
2. In a coupling, in combination, a driving plate having plural groups of spaced arcuate slots therein, a driven plate having arcuate slots registrable with each of the arcuate slots in said driving plate, resilient means disposed in one group of said slots to damp the vibrations produced by torque impulses of relatively high frequency, and resilient means of a different characteristic disposed within a second group of said slots to damp the vibrations produced by torque impulses of relatively lower frequency.

2,127,997
CHANGEABLE SIGN
Robert Huston and Edward C. Sonne, Davenport, Iowa
Application July 15, 1935, Serial No. 31,434
Renewed July 23, 1937
3 Claims. (Cl. 40—86)



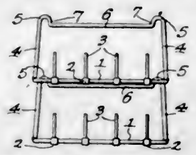
1. In a sign, a substantially flat member having two parallel spaced apart slot openings, two rotatably mounted spaced apart shafts operatively journaled on one side of said substantially flat member, an elongated flexible element having its two end portions wound on said two shafts respectively and its portion extending between said two shafts extending through one of said slot openings and then back through the other slot opening, indicia on said elongated flexible element, and a spring bow member with its two ends bent to form wedge angles having said end portions frictionally engaging those portions of said flexible elongated element that are in close proximity to said shafts and extending away from said shafts; said bow free of engagement with said belt on said shafts except at its two wedge ends and bowed away from that portion of said belt between said two shafts.

2,127,998
INSERTED SHAPED-TIP TOOL-BIT
Frederick Charles Jearum, Chipstead, England
Application June 16, 1936, Serial No. 85,600
In Great Britain June 17, 1935
9 Claims. (Cl. 29—96)



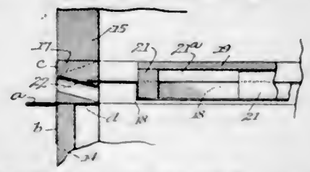
1. A tool of the class described, comprising a member having a threaded bore in its forward end and a rearwardly extending shank, opposed elements threaded into the bore and projecting from the forward end of the member, the forward ends of the elements having opposed faces and a recess therebetween, a superhard tool tip fitted into the recess with said faces in engagement therewith and the forward end of the tip projecting forwardly of the elements, and cooperating means including co-engaging surfaces inclined longitudinally of the tool for holding the tip firmly gripped between the elements.

2,127,999
PIN BOARD
John E. Johnson, Wilkes-Barre, Pa.
Application November 19, 1936, Serial No. 111,715
2 Claims. (Cl. 242—130)



2. The combination with a board including a frame, and upstanding holding devices on the frame for engagement with bobbins, cones or the like, there being openings in the pin board, of stacking elements connected to opposed ends of the frame, each of said elements including legs secured at their lower ends to the frame, and grips extending across the ends of the frame and constituting the sole connections between the legs above the frame, said grips being positioned above the level of the holding devices, there being centering means upstanding from the grips in planes parallel with the ends of the frame and overlying the openings in the pin board.

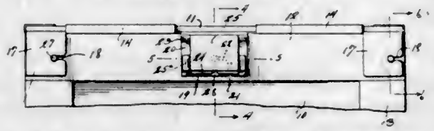
2,128,000
BEEHIVE
Oral A. King, near Norfolk, Va.
Application May 17, 1937, Serial No. 143,165
8 Claims. (Cl. 6—4)



4. A beehive control board for use with hive compartments arranged one above another comprising a frame-form member to be interposed between the top and bottom edges of adjacent compartments, a side of said frame member having a bee opening from the outside to the inside

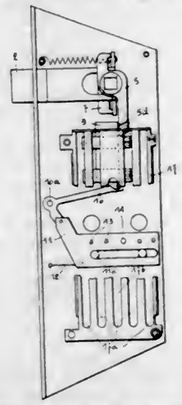
thereof, and an opening closure having vertical and horizontal portions at substantially right angles to one another adapted, respectively and selectively, to lie over such opening and to extend between the frame and the adjacent hive part.

2,128,001
LID FASTENING MEANS FOR BOXES
Ira E. Kotchavar, Blackwell, and Harry O. Snouffer, Grant County, Okla.
Application July 31, 1937, Serial No. 156,780
4 Claims. (Cl. 292—302)



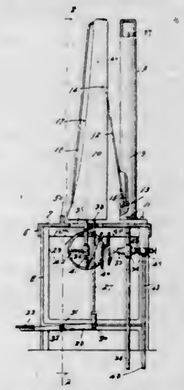
1. A box or case, including a side wall and a removable lid, the lid having a plurality of depending portions extending downward over the outer face of the wall, certain of said depending portions having longitudinally extending slots each open at one end and the slots extending in one direction, one of the depending portions having a slot extending longitudinally and then downward and opening on the lower edge of said portion, headed pins extending out from the body wall and adapted to be simultaneously engaged in said slots, and a latch slidingly mounted on the face of the last named depending portion and vertically shiftable thereon, the latch including a member having a vertical slot open at its lower end and engaging behind the head of the associated pin when the latch is lowered to thereby lock the lid against longitudinal movement.

2,128,002
LOCK FOR HOUSE DOORS
Léon Lebeau, Brussels, Belgium
Application August 2, 1935, Serial No. 34,469
In Belgium August 9, 1934
6 Claims. (Cl. 70—153)



1. A combination lock, adapted particularly for household use, comprising a bolt, a knob for said bolt, a roll-back removably secured to said knob and adapted to engage and operate said bolt, means for locking said roll-back, means for manipulating said locking means, racks controlling the displacement of said manipulating means, means operable according to a code for bringing said racks into a position wherein the manipulating means, and hence the locking means, are released, whereby the roll-back is unlocked and can be manipulated by said knob, and means adapted to act simultaneously on the manipulating means and on the racks so as to bring the locking means into its locking position and to hold it there.

2,128,003
GARMENT SLEEVE IRONER
John H. Leef, Minneapolis, Minn., assignor to Leef Bros., Inc., Minneapolis, Minn., a corporation of Minnesota
Application May 8, 1937, Serial No. 141,465
4 Claims. (Cl. 223—73)



1. In a device of the kind described, the combination with a table-like supporting structure, of a pair of co-operating upright pressing boots, one of which boots is relatively fixed to said supporting structure and the other of which boots is movable toward and from the fixed boot, a link connected at its lower end to the base portion of said fixed boot and at its upper end to an upper portion of said movable boot and supporting the latter for rocking movements and for movements toward and from said fixed boot, and a lifting device movable vertically through said supporting structure and having sliding or slipping engagement with the lower end of said movable boot.

2,128,004
HAMMER-DRIVEN SUPPORTING CLIP
Herman G. Lombard, Washington, D. C., assignor to Albert H. Tinnerman, Cleveland, Ohio
Application June 17, 1937, Serial No. 148,776
8 Claims. (Cl. 85—5)



1. A one-piece device for mounting an object on a support, comprising a strip of sheet metal folded back upon itself to provide a body bearing on the support including a section engageable with the object to be supported, a loop member struck and formed from the body, said loop comprising a stud projecting from one face of said body to be received in an aperture in the support and a collapsible head member adapted to be deformed by hammer blows to cause a distortion of the stud member in anchored engagement in the aperture in the support.

2,128,005

HAMMER-DRIVEN SUPPORTING DEVICE

Herman G. Lombard, Washington, D. C., assignor to Albert H. Tinnerman, Cleveland, Ohio

Application June 25, 1937, Serial No. 150,414
11 Claims. (Cl. 85—5)



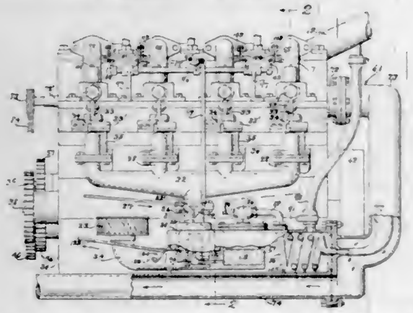
1. A one-piece sheet metal fastening device comprising an integral bearing member and shank member, said integral shank member depending from said bearing member to be received in an aperture in a support, a shank element having a free end struck and formed from said shank member, said free end of the shank element including a portion projecting above the said bearing member, said projecting free end portion of the shank element being adapted to receive hammer blows and thereby cause a distortion of the shank element in anchored engagement in the aperture in the support.

2,128,006

COMBINATION GASOLINE AND OIL ENGINE

Pietro Maniscalco, Toledo, Ohio

Application January 11, 1937, Serial No. 120,021
14 Claims. (Cl. 123—127)



1. In an internal combustion engine provided with intake means and fuel and air mixing means thereon, an exhaust manifold connected with the cylinder exhaust of the engine and extending toward the intake manifold, liquid fuel conducting means mounted within the exhaust manifold to be heated by the exhaust gases therein, means operative in said conducting means for mixing and diffusing the liquid fuel therein, and means operatively connecting said conducting means with said mixing means and including means adapted to condense the preheated fuel therein.

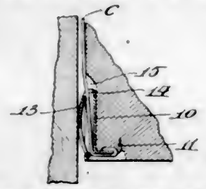
2,128,007

CABLE SECURING HOOK AND GLIDER

Aloysius F. Mantz, Los Angeles, Calif.

Original application April 1, 1936, Serial No. 72,066. Divided and this application May 7, 1937, Serial No. 141,270
6 Claims. (Cl. 16—202)

1. A cable securing hook and glider comprising a substantially L-shaped member, a prong projecting upwardly from the free end of the horizontal leg of said member, a resilient plate secured to and depending from the upper portion of the vertical leg of said L-shaped member, and said hook and glider being provided with an aperture for the reception of a flexible member



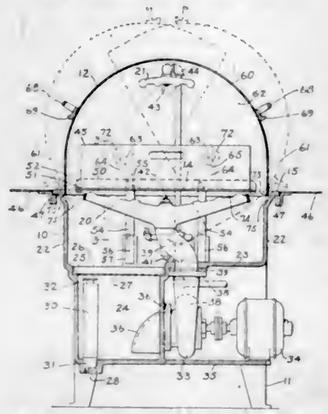
that connects said hook and glider to a sash balance.

2,128,008

WASHING MACHINE

David A. Meeker, Troy, Ohio, assignor to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio

Application October 12, 1934, Serial No. 748,003
22 Claims. (Cl. 141—9)



2. In a washing machine, an open top tank, an open bottom casing providing a unitary hollow cover member therefor, trunnions for said cover member, supporting means for said trunnions, said trunnions and supporting means being positioned on opposite sides of said tank intermediate the ends thereof and providing a pivotal axis for said cover member, said cover member being adapted to pivot as a unit about said axis to raise one end above the top of said tank and lower the remote end into the tank, said axis being positioned between a central vertical plane passing through the cover member and said remote end of the cover member to provide a path of movement for the cover member in which said first mentioned end travels through an arc of greater radius than said remote end upon movement of the cover to an open position.

2,128,009

MODEL AIRPLANE PROPELLER

Frank J. Merz, Jr., and George B. Merz, Seattle, Wash.

Application September 20, 1937, Serial No. 164,663
1 Claim. (Cl. 170—173)



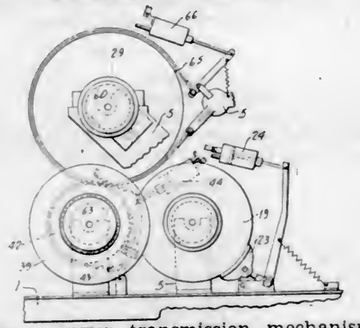
An article of manufacture comprising a miniature propeller having a hub with a center hole therein, said hub centrally and transversely severed to form equal parts with abutting faces fitted together, a groove formed around the hole in the hub on both the front and rear sides thereof, a pair of plates each having a right angular edge flange, and the flange of each plate fitting into the groove of the hub on each of its respective sides for the purpose of securing the severed parts of the propeller together in the form of a butt joint and as a unit in itself.

2,128,010

POWER TRANSMISSION MECHANISM FOR SWINGING CRANE EXCAVATORS OR THE LIKE

George E. Miller, Findlay, Ohio, assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio, a corporation of Ohio

Application August 7, 1937, Serial No. 157,939
2 Claims. (Cl. 214—135)



1. In a power transmission mechanism for swinging crane excavators or the like, a swingable mount, a swing shaft, a drum shaft, and a crowd and propel shaft supported in spaced parallel relation on said mount, clutch controlled power transmission means directly connecting one of the adjacent ends of each of the swing shaft and the crowd and propel shaft together for driving the latter at a predetermined low speed from said swing shaft, power transmission means carried by one end of the drum shaft having direct operative engagement with the adjacent opposite end of the swing shaft and clutch controlled connection with the adjacent opposite end of the crowd and propel shaft whereby the drum shaft is directly and constantly driven from the swing shaft, and the crowd and propel shaft is indirectly driven by the swing shaft through the drum shaft, and power means directly connected to the swing shaft.

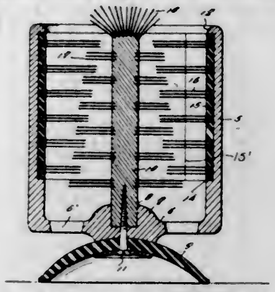
2,128,011

BRUSH

Charles Morgan, Shawnee on Delaware, Pa., assignor of two-fifths to Chester A. Coleman, Stroudsburg, Pa.

Application August 18, 1937, Serial No. 159,775
2 Claims. (Cl. 15—164)

2. A cleaning device for drinking glasses and for use in a water containing receptacle comprising a cylindrical container adapted to receive a glass therein open end foremost and having a bottom provided with a hub portion and a series of apertures grouped around the hub portion, a stem upstanding from the hub portion and having bristles mounted therein and radiating therefrom, bristles extending inwardly from the inner wall of said container, and a suction cup mounted on the underside of said hub portion for securing the container to the bottom of the receptacle, said cup being relatively large and flexible to provide for downward manipulation of the container under pressure exerted on a glass



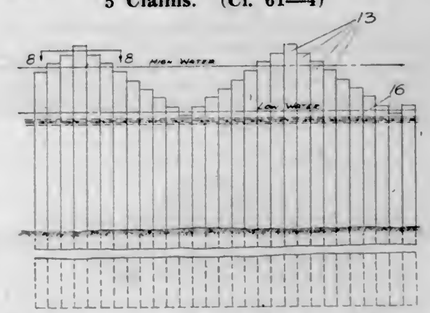
therein, and reactive to lift the container upwardly whereby water may be pumped into and out of the container and a glass therein.

2,128,012

BEACH PROTECTING BARRIER

James J. O'Rourke, Chicago, Ill.

Application April 7, 1937, Serial No. 135,562
5 Claims. (Cl. 61—4)



1. A protecting bulkhead of the character described adapted to be located on the bed of a sea spaced from a beach, comprising a wall with a plurality of portions extending to or above high water level and a plurality of intermediate portions at or below low water.

2,128,013

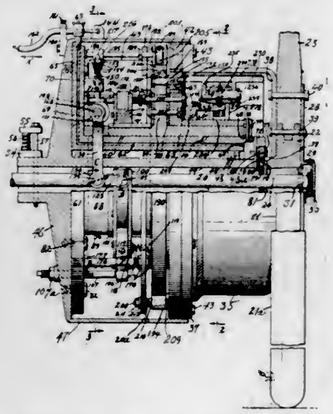
BRAKE

Walter H. Parnell, Brooklyn, N. Y., assignor of one-half to Jacob Silverstein, New York, N. Y.

Application March 12, 1937, Serial No. 130,460
10 Claims. (Cl. 188—2)

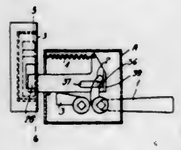
1. The combination of a brake drum, an internal ring gear fastened to the brake drum, a plurality of pinions in mesh with said internal ring gear, an axle housing, an axle in said housing, a wheel fastened to the outer end of said axle, said drum fastened to said wheel, a supporting barrel fastened to said axle housing, a sleeve rotatively supported on said barrel, stop collars on said supporting barrel to maintain said sleeve in position, means to lubricate the bearing surface of said sleeve, an external ring gear supported on said sleeve, an annular flange for said sleeve, said external ring gear fastened to said annular flange, the latter gear in mesh with said pinions, a pinion gear supporting ring rotatively supported on said annular flange, a detachable annular plate fastened to said annular flange to maintain said pinion gear supporting ring in position, axle bolts fastened to the pinion

gear supporting ring and rotatively supporting said pinions, brake bands coacting with said pinion gear supporting ring, means to contact said brake bands with said pinion gear supporting ring, means to release said bands from said



contact with the pinion gear supporting ring, brake shoes in connection with said sleeve, brake linings for said brake shoes, means to contact the brake shoes with the brake drum and release them therefrom, and an oil guard disc fastened to said external ring gear.

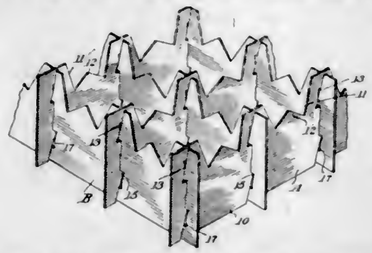
2,128,014
DOOR LOCK
Gösta Adolf Platin, Kalmar, Sweden
Application December 5, 1934, Serial No. 756,173
In Sweden December 7, 1933
7 Claims. (Cl. 292—66)



4. A door lock comprising a spring projected lock bolt, means including a handle at one side of the lock for moving the bolt along a rectilinear path, means including a handle at the other side of said lock for moving said bolt along an angular path, and keeper means operable subsequent to movement of said bolt into latching position along one of said paths for locking said bolt against movement from latching position along the other of said paths, said keeper means including a member automatically displaceable from a locking to an unlocking position by the bolt as it moves to latching position along said other path.

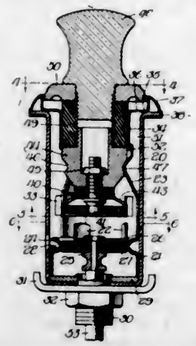
2,128,015
EGG CASE FILLER
Charles F. Sechrist, Seattle, Wash.
Application July 25, 1932, Serial No. 624,531
1 Claim. (Cl. 217—34)

A filler of the character described comprising spaced interfitted strip members forming pockets for the reception of eggs, all of said strip members having cut out portions in the upper edge portions thereof located between the interfitting points of said strip members, and tongues projecting upwardly from the bottom of said cut out portions and terminating substantially below the upper edge of the strip member, said cut out por-



tions and said upwardly projecting tongues being of such size as to afford protection of the eggs against breakage while exposing the major top portion of the eggs on all sides thereof.

2,128,016
CIGAR LIGHTER
John Sinko, Chicago, Ill.
Application May 10, 1934, Serial No. 724,849
13 Claims. (Cl. 219—32)

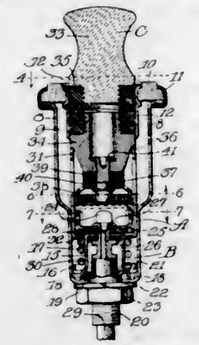


13. In a cigar lighter, a socket including a tubular casing having an entering opening at the front end thereof, a plug for removable insertion through the opening into said casing, a cup mounted on the inner end of said plug and having light openings in its rear wall, an igniting element mounted in said cup so as to permit passage of light from the element outwardly through the cup and between the plug and tubular casing, the inner end of said plug being tapered towards the igniting element.

2,128,017
CIGAR LIGHTER
John Sinko, Chicago, Ill.
Original application May 10, 1934, Serial No. 724,849. Divided and this application August 15, 1936, Serial No. 96,274
9 Claims. (Cl. 219—32)

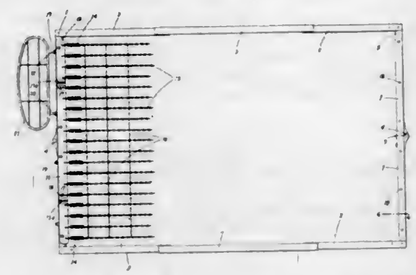
7. In a cigar lighter: a fixed tubular casing adapted to receive an igniting plug; an igniting plug provided at its inner end with a cup-shaped contact member in which is mounted a resistance wire having one end connected to said cup and the other end to a contactor on said plug insulated from the cup; a slotted washer mounted on the inner end of said casing so as not to rotate with respect thereto; and a contact unit in

the base of said casing comprising a contact terminal insulated from the casing and interlocked against rotation with respect thereto by means of ears projecting into said slotted washer whereby a clean electrical contact can be obtained by twist-



ing the cup-shaped contact on the plug thereagainst, and an electrical conductor extending through an end wall of the casing and having its end permanently connected to said contact terminal.

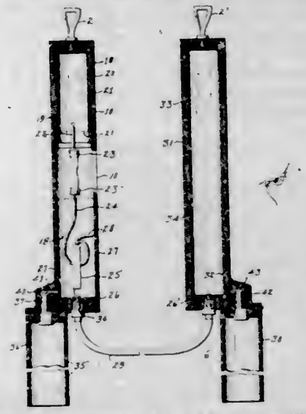
2,128,018
FOLDING BED
Isaac E. Skidmore, Fair Oaks, Calif.
Application June 18, 1937, Serial No. 148,882
1 Claim. (Cl. 5—114)



In a folding bed, a frame including end portions, said portions each comprising a plurality of sections disposed in end to end relation and hinged together for folding movement in a horizontal plane, and a removable spring unit for the bed; said unit including end rails each adapted to be disposed on the one end portion of the bed frame, the end rails each comprising a plurality of rail sections hinged together for folding movement in a vertical plane, and means to removably secure the end rails on the end portions of the frame when both are unfolded and to then prevent accidental folding of either.

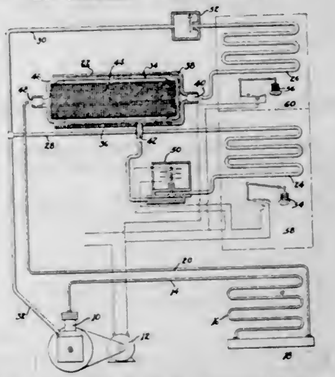
2,128,019
PHASE SEQUENCE AND VOLTAGE INDICATING MEANS
Harvey P. Sleeper, Short Hills, N. J.
Application November 30, 1935, Serial No. 52,302
8 Claims. (Cl. 172—245)

8. In a device of the character described, an insulating casing having an electrode thereon, a second electrode movable with respect to said casing, potential indicating means carried by said casing, and including condenser connections for electrically coupling the respective terminals of



said indicating means to said respective electrodes.

2,128,020
REFRIGERATING APPARATUS
Jacob Smilack, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application December 14, 1934, Serial No. 757,497
10 Claims. (Cl. 62—127)

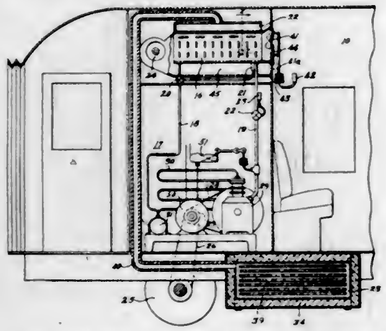


1. A refrigerating system comprising in combination, a refrigerant translating device, a condenser, a pair of evaporators, a restrictor having a passage of small cross-section and great length and having an inlet connected to said condenser at one end, a branch connection from said passage intermediate its ends to one of said evaporators, and another connection beyond said branch connection to the other of said evaporators.

2,128,021
REFRIGERATING APPARATUS
Harry F. Smith, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application March 31, 1934, Serial No. 718,315
18 Claims. (Cl. 62—117)

10. The method of conditioning air or the like which comprises thermally exchanging heat between said air and an evaporating refrigerant, reliquefying said refrigerant for re-use at rates above and below the requirements for condition-

ing said air, periodically throttling the exchange of heat between said air and refrigerant and simultaneously changing two phases of a volatile fluid including a vapor phase change by the removal of heat from said fluid into said refrigerant, and changing the phases of said fluid with addition of heat from said air to said fluid while said reliquefying rate is below the requirements for conditioning said air.



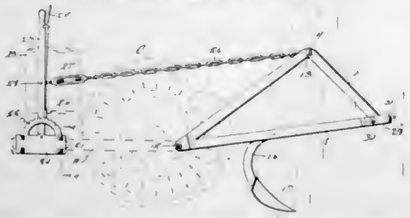
16. In combination, a first evaporator, a second evaporator, heat radiating fins each in thermal exchange relationship with both of said evaporators, means for supplying refrigerant to said first evaporator, means for independently supplying refrigerant to said second evaporator, and means for circulating air to be conditioned over said heat radiating fins whereby either evaporator may cool said air independently of the other evaporator.

2,128,022

FURROW OPENING ATTACHMENT FOR CORN PLANTERS

Uvalda Sparks, Sparta, Tenn., assignor of fifty percent to Waymon M. Mitchell, Sparta, Tenn.

Application September 23, 1937, Serial No. 165,398
3 Claims. (Cl. 97—225)



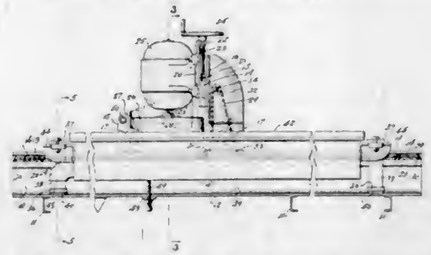
1. A furrow forming attachment for planters, including a pair of frames disposed in laterally registering position, each frame having the form of a scalene triangle, each frame at its rear end having means whereby it may be pivotally connected to a planter frame, the triangular frames being convergent upwardly and forwardly and bolted together at the apices of the frames, a plow beam having a foot and a plow, the beam being disposed between the forward ends of the convergent frames, braces connecting the basal portions of the triangular frames to the beam, means connecting the forward end of the beam to the forward ends of the frame, a lifting element having means whereby it may be detachably mounted upon the frame of the planter, and a flexible connection between the lifting element and the connected apices of the two triangular frames.

2,128,023

SUCTION BOX CONDITIONER

Harry G. Specht, Montclair, and Nelson W. Webb, Belleville, N. J., assignors to Eastwood-Nealley Corporation, Belleville, N. J., a corporation of New Jersey

Application March 8, 1937, Serial No. 129,654
5 Claims. (Cl. 51—56)



1. In a suction-box top surfacing machine, a track frame, the track rails of which are adapted to straddle a supported suction-box longitudinally aligned therewith, a wheeled carriage movable over said track rails intermediate the ends of said track frame and above said suction-box, a power rotated grinding means supported by said carriage for operative engagement with said suction-box top when moved by said carriage over the face thereof, means to adjust said grinding means relative to said suction-box top, a transverse shaft rotatably mounted on said carriage, means for manually rotating said shaft, drive sprocket means on said shaft, fore and aft idler sprocket means mounted on said carriage, chain means extending from end to end of said track frame, said chain means having respective ends thereof fixedly anchored to corresponding respective ends of said track frame, and said chain means extending over said drive sprocket means and beneath said fore and aft idler sprocket means.

2,128,024

GARMENT FORM AND METHOD FOR PRODUCING THE SAME

Marian Halstead Taft, Washington, D. C.

Application April 27, 1937, Serial No. 139,282
6 Claims. (Cl. 223—68)



1. The method of making garment forms which comprises the steps of snugly fitting to the portions of the body being reproduced a fabric base, applying to the exterior of the said base a stiffening covering formed of relatively short strips of fabric secured in herring-bone fashion with all edges of adjacent strips overlapped, cutting the thus formed shell along the center of the back to permit removal from the body in one piece, joining the cut edges, trimming and binding the arm holes, the neck, and the bottom edge of the shell, applying a covering to the interior surface of said fabric base which will form a plastic bonding surface, and finally applying a plastic stiffening and reinforcing layer to the interior bonding surface on the fabric base which is of proper thickness to provide the form with the desired degree of durability and permanency.

2,128,025

PRODUCTION OF IMPROVED WAX EMULSIONS

Karl Behringer, Mannheim, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application January 16, 1935, Serial No. 2,006. In Germany January 25, 1934
9 Claims. (Cl. 134—1)

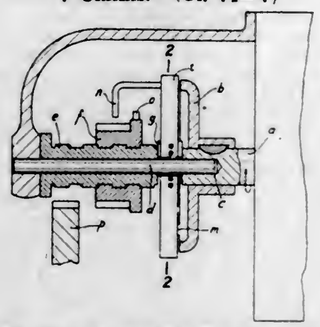
6. Storage stable aqueous emulsions of saponifiable waxes free from black dyestuffs, which emulsions are normally discolorable upon storage in metal containers but which contain an oxygen-containing practically colorless substance which is readily reducible by hydrogen at ordinary temperature and is selected from the class consisting of peroxides, perborates, percarbonates, persulfates, and the alkali metal salts of nitrobenzoic acids, nitrophthalic acids and nitrobenzene sulphonic acids which are not dyestuffs, in an amount such that said discoloration is precluded.

2,128,026

STARTING APPARATUS FOR INTERNAL COMBUSTION ENGINES

Albert Callsen, Stuttgart-Botnang, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung

Application June 22, 1936, Serial No. 86,634
In Germany July 5, 1935
7 Claims. (Cl. 74—7)



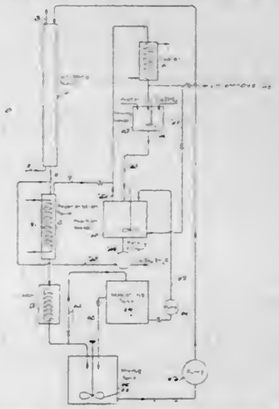
1. A starting apparatus for internal combustion engines comprising a driving shaft, a rotatable screw threaded driven shaft held against longitudinal movement relative to said driving shaft, a lost motion connection between said driving and driven shafts, yieldable means in said lost motion connection between said driving and said driven shafts, an internally threaded pinion axially displaceable along said threaded driven shaft and adapted for engagement with a toothed part of the engine to be started, and means comprising a member directly connected to and rotatable by said driving shaft and a member carried by said pinion, said members being relatively movable longitudinally and capable of relative rotary movement and one of said members movable in a path which intersects the path of movement of the other member whereby said members engage to angularly displace said pinion about the axis of said driven shaft should the teeth thereof fail to align with said toothed part of the engine on rotation of said driven shaft and axial displacement of said pinion.

2,128,027

RECOVERY OF SULPHUR DIOXIDE FROM GAS MIXTURES

Arthur Maurice Clark, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

Application April 14, 1938, Serial No. 202,065
In Germany and Sweden February 9, 1937
10 Claims. (Cl. 23—178)



1. A process for the recovery of SO_2 from a gas mixture containing the same, comprising bringing said gas mixture into contact with an absorbent consisting of a mixture of an aqueous medium and at least one substantially water-insoluble liquid organic base, thereafter removing the SO_2 from the absorbent, whereby the aqueous medium and the organic base form separate liquid phases, separating said phases, treating at least a portion of the aqueous medium so separated, in the presence of substantial amounts of dissolved SO_2 and of neutral sulphate, with a calcium compound adapted to precipitate calcium sulphate and which does not leave in solution any non-volatile acid radicle, separating the aqueous medium from the precipitated calcium sulphate and utilizing it, in admixture with said organic base and any untreated aqueous medium, for absorbing further quantities of SO_2 from said gas mixture.

2,128,028

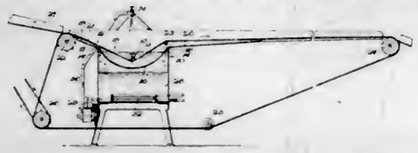
APPARATUS FOR APPLYING LIQUID MATERIAL TO GLOBULAR ARTICLES

William Morgan Hampton, Winter Haven, Fla., assignor to Brogdex Company, Pomona, Calif., a corporation of Florida

Application July 3, 1936, Serial No. 88,849
7 Claims. (Cl. 91—46)

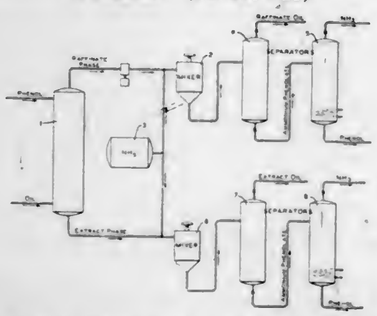
1. Apparatus for applying liquid material to globular articles comprising, a relatively shallow dip tank adapted to contain a relatively small body of liquid material, means for conveying or feeding such articles into and through said tank, rotatable means over which such articles pass for engaging and causing turning movement of

said articles, and means for maintaining a predetermined level of liquid material in said tank relative to said rotatable means whereby said rotatable means is at least partially immersed in said liquid material, said rotatable means being



so mounted relative to said liquid level and contiguous to said conveying or feeding means and of such diameter relative to the diameter of said articles that said articles are temporarily supported by and caused to pass over said rotatable means.

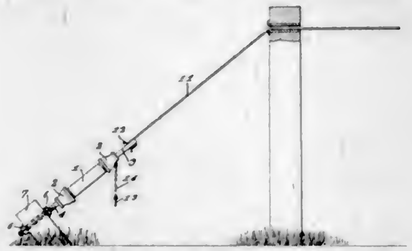
2,128,029
SOLVENT REFINING OIL
Waldersee B. Hendrey, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application October 17, 1936, Serial No. 106,097
2 Claims. (Cl. 196—13)



1. In the refining of hydrocarbon oil by solvent extraction with a phenol extraction solvent, the method of recovering the solvent from the oil comprising mixing the oil containing said solvent with anhydrous ammonia in at least equal molecular proportion with the phenol and under a pressure sufficiently elevated above atmospheric so that substantially all the phenol is converted into an addition compound substantially immiscible with the oil, separating the addition compound formed from the mixture while under said elevated pressure, introducing the withdrawn compound to a zone of reduced pressure such that the compound is decomposed into ammonia and the original phenol solvent without application of heat, and removing the product so formed.

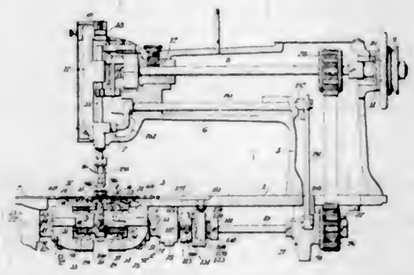
2,128,030
TIGHTENER FOR CABLES
Joseph J. Koleno, Joffre, Pa.
Application September 3, 1937, Serial No. 162,371
1 Claim. (Cl. 267—72)

A cable tightener comprising a rigid tube, an anchor rod secured in one end of the tube against rotation relative thereto and adjustably secured to an anchor, a tension rod slidably received by said tube and having a slot, a head formed on the tension rod, a coil spring bearing against one end of the tube and against the head and acting to urge the tension rod towards the anchor and a pin for insertion in the slot and against one end of the tube to retain the tension rod positioned to fully tension the spring during the securing of a cable to said tension rod and adapted to be



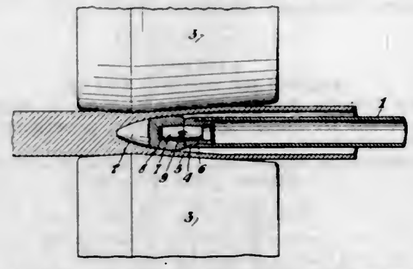
removed to free said tension rod for movement under the influence of the fully tensioned spring to tighten the cable and thereby remove slack therefrom.

2,128,031
SEWING MACHINE
Walter Myers, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application April 16, 1936, Serial No. 74,615
26 Claims. (Cl. 112—215)



1. In a sewing machine having a frame comprising a work-support and a bracket-arm overhanging said work-support, a rotary needle-reciprocating shaft journaled in said bracket-arm, a rotary actuating shaft journaled below said work-support and disposed substantially parallel to said needle-reciprocating shaft, driving connections for rotating said shafts in one-to-one relation, and endwise reciprocatory and laterally vibratory needle-bar operatively connected to said needle-reciprocating shaft, a needle carried by said needle-bar, a loop-taker operatively connected to said actuating shaft to rotate a plurality of times for each needle reciprocation, a feed-advance rock-shaft journaled below said work-support and disposed substantially parallel to said actuating shaft, a work-advancing feed-dog operatively connected to said rock-shaft, a feed-advance eccentric carried by said actuating shaft, a strap embracing said eccentric, a pin-and-socket connection between and having component elements extending respectively from said strap and rock-shaft, means for imparting lifting movements to said feed-dog, a needle-feed rock-shaft journaled in said bracket-arm and disposed substantially parallel to said needle-reciprocating shaft, connections for actuating said needle-feed rock-shaft from said feed-advance rock-shaft, and operative connections with said needle-feed rock-shaft for imparting lateral work-feeding movements to said needle in unison with the work-advancing movements of said feed-dog.

2,128,032
MANDREL-BAR CAP
William T. Wehman, Elyria, Ohio, assignor to National Tube Company, a corporation of New Jersey
Application January 25, 1938, Serial No. 186,879
3 Claims. (Cl. 78—103)



1. A tube mill mandrel-bar cap including a socket member for attachment to a mandrel-bar and providing a mandrel engaging face surrounding a tapered hole, and a mandrel-pin having a tapered end for insertion in said hole and an opposite end for mounting a mandrel, said pin having a transverse opening positioned so that when its first named end is inserted in said hole said opening will extend partly to either side of said face, whereby a wedge may be driven through said opening to initiate removal of said pin.

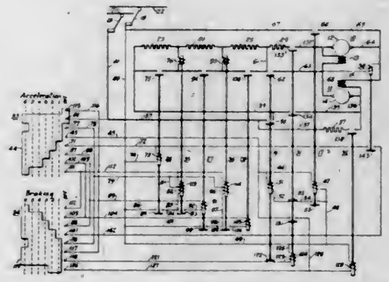
2,128,033
THREAD-CONTROLLING DEVICE FOR SEWING MACHINES
Sydney Zonis, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Original application October 22, 1935, Serial No. 46,071. Divided and this application June 4, 1937, Serial No. 146,325
2 Claims. (Cl. 112—254)



2. A thread-controlling device for sewing machines, comprising, a supporting post having a thread-guiding slot elongated lengthwise of said post and with a threading slit transverse to and opening into said slot substantially midway between the ends of said slot, two pairs of tension-disks mounted upon said post, a spring coiled about said post and bearing against the inner disks of said pairs of tension-disks, means limiting separating movement of the outer disks of said pairs of tension-disks, and thread-guards embracing said outer disks.

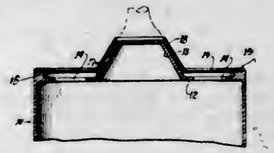
2,128,034
MOTOR CONTROL SYSTEM
Bascum O. Austin, Forest Hills, and Norman H. Willby, Irwin, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Original application January 2, 1935, Serial No. 68. Divided and this application August 31, 1936, Serial No. 98,758
6 Claims. (Cl. 172—179)

6. In a motor control system, in combination, a motor, switching means for establishing dynamic braking connections for the motor, a controller for controlling the operation of said switching means, a plurality of resistors for controlling the motor current during dynamic braking, a plurality of switches for shunting the resistors in sequential relation, a plurality of current limit relays cooperating with the controller



to control the sequential operation of the resistor shunting switches, means on said relays associated with said controller for changing the operating characteristics of the relays, and means for preventing the operation of said resistor shunting switches until the motor develops a predetermined voltage.

2,128,035
COLLAPSIBLE TUBE OR CONTAINER
Harold J. Boetel, Chicago, Ill.
Application May 20, 1937, Serial No. 143,645
6 Claims. (Cl. 221—60)



1. In combination with the body of a collapsible tube, means providing a head at one end of said body and having at least one discharge opening therein, means providing an outwardly extending, tapering valve member on said head, means providing a closure member associated with said head and including a tapering nozzle portion normally engaged upon and substantially enclosing said valve member and also including a substantially radial, axially resilient flange portion covering said opening, and means for securing the peripheral marign of the flange portion to said head.

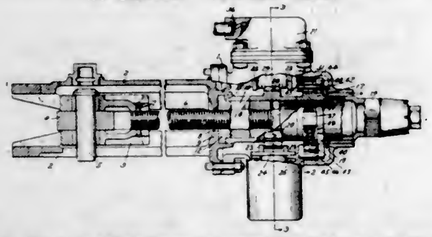
2,128,036
SKI PRESS
George P. Butler, Jr., Mount Kisco, N. Y.
Application February 3, 1938, Serial No. 188,526
17 Claims. (Cl. 280—11.37)

1. In a ski press, in combination, a central standard, a base rigid therewith and formed with ski tip receiving notches at opposite sides of the

standard and at equal distances therefrom, and means associated with the standard for resiliently thrusting the skis longitudinally of the standard toward the base.

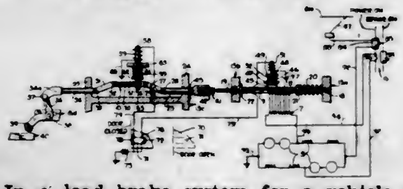


2,128,037
MOVEMENT RESTRAINING MEANS
Mortimer B. Cameron, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application April 8, 1937, Serial No. 135,617
20 Claims. (Cl. 188—203)



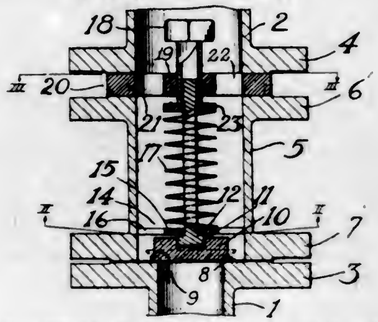
1. In a mechanism, in combination, a stationary part, an element selectively movable in either of two directions relative to said part, and means cooperating with said part and element for preventing unintentional movement of said element in either direction and automatically movable out of such cooperative relationship upon intentional movement of said element.

2,128,038
VARIABLE LOAD BRAKE
John Canetta, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application August 7, 1936, Serial No. 94,757
18 Claims. (Cl. 188—195)



1. In a load brake system for a vehicle, in combination, electric braking means, variable resistance means for varying the resistance in the circuit of said braking means, load controlled means for adjusting said variable resistance means according to the load on the vehicle, a member arranged to be moved in conditioning the vehicle to proceed after a stop has been made, and electro-responsive means responsive to movement of said member for rendering said load controlled means inoperative.

2,128,039
PRESSURE RELIEF VALVE
Alois Cibulka, Baytown, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application August 22, 1936, Serial No. 97,397
1 Claim. (Cl. 137—53)



In a pressure relief device including a pressure inlet nozzle and an outlet pipe, a valve, comprising a casing having an internal diameter greater than said nozzle; a frangible disc disposed between the adjacent ends of the casing and said nozzle; a valve head and stem within the casing, bearing on the nozzle end through said disc; a spider disposed between said casing and outlet pipe and a hollow bolt, threaded through the hub of said spider, slidably receiving the end of the valve stem; a spider within the casing encircling the valve stem adjacent the head and extending into sliding engagement with the walls of said casing and spring means for loading said valve, mounted between the spider within the casing and the hollow bolt and adjustable by means of said hollow bolt.

2,128,040
CABLE CONNECTER FOR OUTLET BOXES
Michael J. Conners, Larchmont, N. Y.
Application June 4, 1936, Serial No. 83,492
4 Claims. (Cl. 285—6.5)



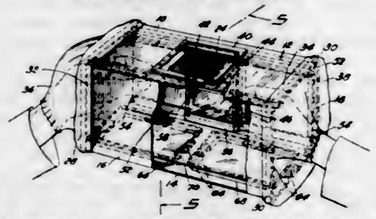
1. In combination with an outlet box having an opening in a wall thereof, a cable connecter comprising a tubular body portion adapted for insertion in said opening, means for retaining said tubular body portion in position in said opening, and means for retaining a cable within said tubular body portion, said last mentioned means comprising a resilient finger integral with the body portion and adapted to be retained in operative position by engagement with a wall of the outlet box, and means carried by said resilient finger for biting engagement with a cable when the finger is in operative position.

2,128,041
METAL REINFORCEMENT FOR SUSPENDERS
Hyman Epstein, Brooklyn, N. Y.
Application January 7, 1937, Serial No. 119,397
1 Claim. (Cl. 241—19)



A metal reinforcement for suspenders comprising a leather connecting member having an opening for receiving strap support elements, an eyelet member clamped on the edge of said opening, said eyelet member having a groove formed on its inner diameter, and an annular wire extended along said groove and having radially projecting end portions engaging into an opening in the eyelet member to hold the annular wire from turning, and said annular wire having an offset portion for engaging over said strap support elements to hold the elements from shifting in the eyelet member.

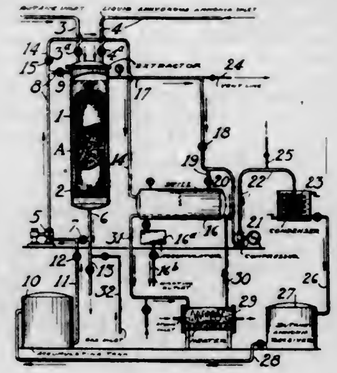
2,128,042
PORTABLE PRINTING AND DEVELOPING DARK CABINET
Morris Fink, New York, N. Y.
Application April 1, 1938, Serial No. 199,359
4 Claims. (Cl. 95—91)



1. A portable printing and developing dark cabinet comprising an elongated box having top, bottom, front and rear walls joined together and leaving completely open ends, a sight-opening in the top wall, an exposure opening in the rear wall, a suitably colored transparent closure mounted interiorly at said top wall and movable manually from within the cabinet to open and close said sight-opening, a suitably colored transparent closure mounted interiorly at said rear wall and movable manually from within the cabinet to open and close said exposure opening, a mount at said rear wall next adjacent said closure thereat for movably supporting a print holder, the said bottom wall being adapted to removably receive developer trays between said print holder mount and the front wall of the box, and flexible light-proof armlets removably mounted on said box walls at the opposite ends thereof to uncover and to close the said open ends of the cabinet box.

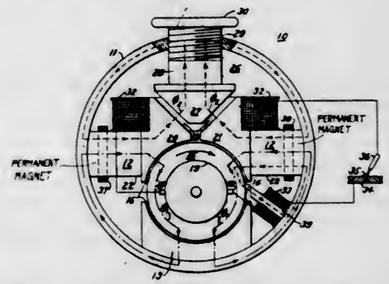
2,128,043
PROCESS OF EXTRACTING NICOTINE FROM TOBACCO
James B. Garner, Mount Lebanon, Pa., assignor to Hope Natural Gas Company, a corporation of West Virginia
Application July 11, 1936, Serial No. 90,071
10 Claims. (Cl. 87—28)

6. Process of extracting nicotine from tobacco, comprising treating the tobacco with liquid anhydrous ammonia to liberate the nicotine from its salts and with liquid butane to extract the liberated nicotine.



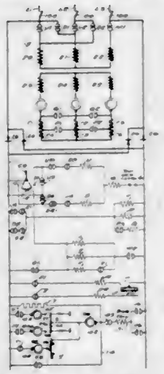
8. Process of extracting nicotine from tobacco by liberating the nicotine from its salts by neutralization with an alkaline reacting substance selected from the class of aqueous solutions of alkalies of sodium, potassium, calcium, strontium, barium and magnesium and the ethanolamines, and extracting the liberated nicotine with a liquefied, normally gaseous hydrocarbon.

2,128,044
DYNAMO-ELECTRIC MACHINE
Alfred Grabner, Vienna, Austria, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 31, 1936, Serial No. 98,749
In Austria October 26, 1935
16 Claims. (Cl. 171—227)



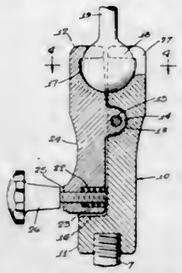
1. A dynamo-electric machine comprising in combination, a frame, a pair of field pole pieces of opposite polarity disposed therein, an armature with a pair of brushes, permanent magnet means in conjunction with the body portion of a field pole piece for providing an excitation flux, series coil means about the tip portion of a pole piece to provide an additive load-dependent magnetic control flux in the permanent magnet means for decreasing the excitation flux with increasing armature current, and adjustable means to vary the reluctance of the path of the load-dependent flux and thereby control the effectiveness of the excitation flux.

2,128,045
CONTROL SYSTEM
Clinton R. Hanna, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 5, 1937, Serial No. 124,258
12 Claims. (Cl. 187—29)



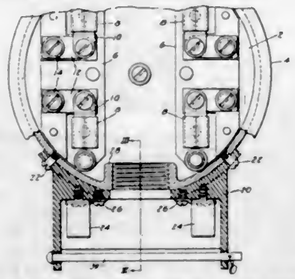
1. In an elevator system for moving a car up or down to a floor, a hoisting motor for the car, means for controlling the motor to operate the car, a brake for controlling deceleration and stopping of the car, a rotatable inertia switch, means for rotating the inertia switch in accordance with the speed of the car, and means responsive to a predetermined rate of deceleration in the rate of rotation of the inertia switch for decreasing the braking effect of the brake to decrease the rate of deceleration of the car.

2,128,046
TABLE
John P. Heil, Melrose Park, Ill.
Application April 25, 1936, Serial No. 76,329
1 Claim. (Cl. 248—181)



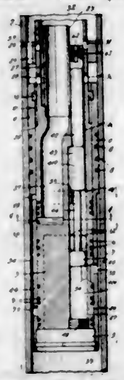
In a table for use by photographers or the like and which has a top and a standard, the combination of a fixed part on said standard and having a recess therein, a moveable part including a lug pivotally mounted in said recess, said parts including cooperating portions constructed and arranged to provide a socket, a ball mounted in said socket and connected to said top, a spring between said fixed and moveable parts and acting on said moveable part to hold this part in frictional engagement with said ball and thereby retain said top in the positions into which it is moved, and means mounted on the moveable part and engageable with the fixed part for positively locking said moveable part against said ball to retain said ball and top in a selected fixed position.

2,128,047
WATT-HOUR METER INSTALLATION
Paul Edward Hills, Missouri Valley, Iowa, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 6, 1937, Serial No. 129,450
2 Claims. (Cl. 247—2)



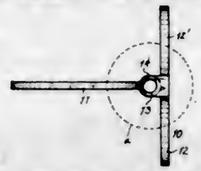
1. In a mounting for a watt hour meter of the type having contact blades projecting from the base thereof, a receptacle of cup-shape having contact jaws mounted therein for receiving said blades and the open side thereof being proportioned to be closed by said meter base, an opening in a side of the receptacle, and means for mounting said receptacle upon a support; a fuse housing having one side thereof shaped to conform to the side of the receptacle and having an opening therethrough registering with the opening in the side of the receptacle, means for securing said housing to the receptacle to be solely supported thereby, said receptacle having an open side opposite to said registering openings, a closure for said open side, fuse clips secured within said housing, electrical connections between said clips and certain of said terminal jaws, a weathertight closure for said open side of the housing having fuses secured thereto for cooperation with said fuse clips to retain the closure in operative position, and means for sealing said closure against unauthorized removal thereof.

2,128,048
HYDRAULIC MOTOR
Douglas Johnston, Greenwood, Miss.
Application May 8, 1937, Serial No. 141,441
13 Claims. (Cl. 121—157)



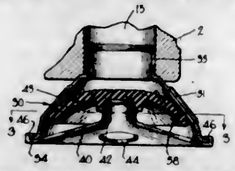
1. A hydraulic motor for a tramper comprising, in combination, a stationary piston having an inlet and an outlet passage each of which is provided with a port, a sleeve slidably mounted on the piston having a closed bottom providing, with the bottom of the piston, a sleeve chamber, a ram case slidably mounted on the sleeve and providing upper and lower pressure chambers, to the pressures in which said sleeve is responsive, the upper chamber having a less pressure area than the lower, an inlet and an outlet port in said sleeve co-operating with the corresponding ports in said piston for controlling the admission and discharge of pressure oil to and from said lower chamber, a port in said piston affording communication between said inlet passage and the upper chamber of the ram case, whereby pressure oil admitted to said inlet passage with the ram case and sleeve in their uppermost position will enter said lower pressure chamber and force the ram case downward to cause the upper end of the ram case to engage said sleeve and, supplemented by pressure in the upper chamber, move it downward to change the position of the ports so as to close the inlet to the lower chamber and permit pressure oil to discharge therefrom, while pressure oil entering said upper chamber will thereafter raise said ram case and cause its lower end to engage and raise said sleeve to its uppermost position, and means operating automatically in the described movements of the ram case and sleeve to cause the application of pressure within, or its removal from, said sleeve chamber, to permit the movements of the sleeve.

2,128,049
GOLF TEE
Stephen J. Karkoska, Cleveland, Ohio
Application March 9, 1938, Serial No. 194,777
1 Claim. (Cl. 273—33)



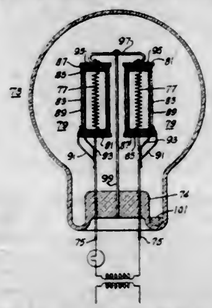
A golf tee comprising a T-shaped member formed of elastic material, the leg of said member having parallel sides throughout its length and said leg being longer than either of said arms, said member being formed with a vertical through opening in the plane of the leg of said T-shaped member but inwardly of the point of intersection of the leg with the arms of said member, the upper end of said opening forming a seat for a golf ball, the outer sides of the arms rearward of said opening being disposed parallel to the axis thereof, whereby the wall between said opening and said outer sides is adapted to cushion a blow against said wall.

2,128,050
VENT OPENING PROTECTOR
William C. Landis, Wilmerding, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 29, 1937, Serial No. 145,554
13 Claims. (Cl. 303—1)



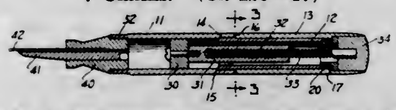
1. In a vent protector for the exhaust passage of a fluid pressure brake device or the like, a generally funnel-shaped body provided with a substantially conical portion having at the smaller end thereof a generally tubular portion, a substantially circular element formed of resilient material mounted in said conical portion, and a securing member extending across the open end of the conical portion for maintaining said element in position with the peripheral portion thereof engaging the inner face of said conical portion, a face of said element having a recess therein substantially centrally thereof, said member having a projection substantially centrally thereof extending into said recess.

2,128,051
ELECTRIC DISCHARGE APPARATUS
Erwin F. Lowry, Batavia, Ill., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Original application October 3, 1935, Serial No. 43,347. Divided and this application August 26, 1936, Serial No. 97,979
6 Claims. (Cl. 176—122)



1. In combination, a first electrode to be heated to emit electrons, a shell completely enclosing said first electrode and having means therein to transmit electrons generated in its interior therethrough, said shell to be heated by the heating energy emitted by said first electrode and being activated for electron emission when heated, a second electrode to be heated to emit electrons, a shell completely enclosing said second electrode and having means therein to transmit electrons generated in its interior therethrough, said last-mentioned shell to be heated by the heating energy emitted by said second electrode and being activated for electron emission when heated, means connecting each of said shells to the emitting electrode that it encloses, a gaseous atmosphere surrounding said electrodes and shells and means for impressing a periodic potential between said electrodes.

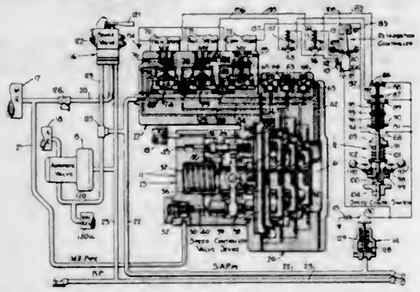
2,128,052
FOUNTAIN PEN
Charles J. MacNally, Jamaica, N. Y.
Application March 31, 1937, Serial No. 133,964
7 Claims. (Cl. 120—47)



1. In a fountain pen, in combination a barrel comprising two interfitting cylindrical tubes of substantially the same length, the outside diameter of the smaller tube being substantially equal to the inside diameter of the larger tube, a pis-

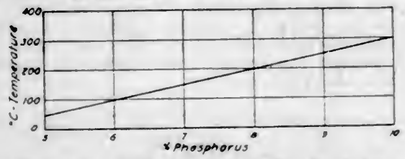
ton mounted to reciprocate within the larger tube and provided with a tubular rod extending into the inside of the smaller tube, said rod provided with a screw threaded interior, a cap adapted to completely enclose and swivel upon the smaller tube and having a screw projecting inwardly from the top and adapted to engage with the screw threaded tube whereby the piston may be reciprocated within the barrel upon the relative turning of the cap and larger tube.

2,128,053
BRAKE CONTROL MEANS
Donald L. McNeal, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application December 15, 1936, Serial No. 115,943
30 Claims. (Cl. 303—21)



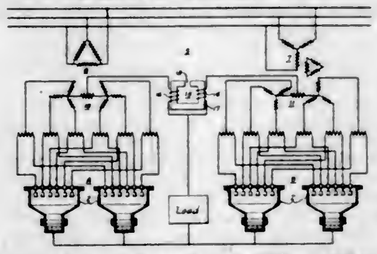
1. In a vehicle or train brake system, in combination, means for effecting an application of the brakes, speed controlled means for establishing a different upper limit for the degree of application of the brakes for each of a plurality of speed ranges, and means responsive to the rate of retardation of the vehicle or train for changing the limit established by said speed controlled means for a given speed range to that established by the speed controlled means for a different speed range.

2,128,054
METHOD OF WORKING ALLOYS
Edward L. Robinson, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 9, 1937, Serial No. 147,257
3 Claims. (Cl. 148—11.5)



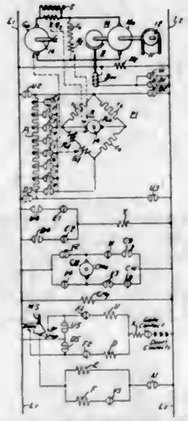
1. The method of working a solder alloy containing a predominating proportion of copper and between about 5% and 10% by weight of phosphorus which has been hot worked into a strip having a thickness of not less than .025 inch, which comprises, immersing the strip of alloy in an oil bath having a temperature of between 50° C. and the flash point of the oil for a period of time of less than one minute to prevent oxidation of the alloy during the heating and to render it ductile, and directly thereafter rolling the ductile strip of alloy in heated rolls to effect a reduction in thickness of substantially 8% to 20% per pass.

2,128,055
ELECTRIC CONVERSION SYSTEM
Herbert A. Rose, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 31, 1936, Serial No. 98,743
6 Claims. (Cl. 175—363)



1. An electric current converting system comprising a sectionalized converter having four substantially identical sections, a supply transformer having a three-phase primary winding and two substantially independent double three-phase secondary windings, each of said secondary windings feeding two converter sections, said converter sections operating in parallel, said secondary windings being so connected that the terminal voltages are displaced with respect to each other, an interphase transformer connected between said secondary windings, said interphase transformer generating a voltage causing said converter to operate double-double three-phase, said interphase transformer having a core provided with a non-magnetic portion to prevent saturation of said core by unbalanced direct current when operating with one section out of service.

2,128,056
REGULATING APPARATUS
Danilo Santini, Chicago, Ill., and Kenneth Martin White, Tenafly, N. J., assignors to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application July 31, 1936, Serial No. 93,618
17 Claims. (Cl. 171—119)



17. In a system for controlling the voltage of the armature of a generator, in combination, a Wheatstone bridge circuit with variable potential sources connected across the diagonals of said bridge one of said sources comprising the armature of a second generator, and one of the legs of said bridge comprising a field winding of said first mentioned generator and a field winding of said second generator in series circuit relation, the resistance of said field containing leg plus the resistance of the adjacent leg that is in series circuit relation with the armature of said second generator and the leg containing said fields substantially equalling numerically the volts generated by the armature of said second generator with one ampere of current flowing in the said field of said generator, and the resistance of the legs of said bridge being so proportioned that the resistance of the leg containing said fields divided by the said adjacent series circuit leg equals the resistance of the other leg adjacent to the field containing leg divided by the resistance of the leg opposite said fields and a second field in said second generator connected across the armature of said first mentioned generator, said second field being so connected that its ampere turns opposite those of the first mentioned field of said second generator.

2,128,057
SPRING COIL HANDLING APPARATUS
Frank N. Schindler, Chicago, Ill., assignor to A. Brandwein & Co., Chicago, Ill., a corporation of Illinois
Application January 21, 1937, Serial No. 121,605
12 Claims. (Cl. 198—131)



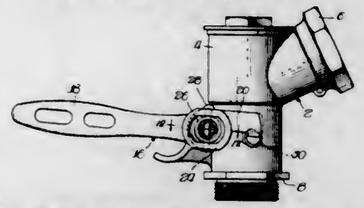
1. In a device of the class described and in combination, a conveyor, substantially flat guide bars adjacent the respective sides of said conveyor and extending substantially parallel thereto, and a plurality of supporting pins on said conveyor extending laterally therefrom and transversely to and beyond the plane of said guide bars.

2,128,058
ELECTRIC ALARM MAT
Albert D. Shaw, New York, N. Y.
Application May 11, 1937, Serial No. 141,904
2 Claims. (Cl. 200—86)



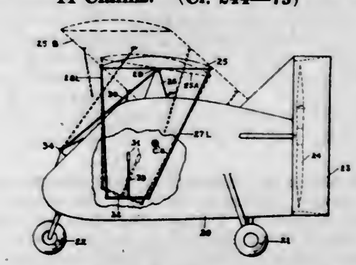
1. An electric alarm mat comprising flexible top and bottom sheet members of non-conducting material, a wire mesh contact substantially covering the top surface of the lower member, a plurality of spaced contact members extending through the top member, and rows of rubber yarn carried by said top member and arranged as a seam, with each alternate loop on the outer surface and each alternate loop on the inner surface of said top member, said seam presenting supporting members arranged on each side of each contact for normally supporting the contacts out of engagement with said wire mesh contact.

2,128,059
FUSIBLE STOP FOR FAUCETS
Walter Siegert, Dubuque, Iowa, assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa, a corporation of Iowa
Application April 6, 1936, Serial No. 72,955
26 Claims. (Cl. 137—162)



1. In valve mechanism, the combination of a self closing faucet having a valve operating spindle, a wrench comprising a socket member attachable to said valve spindle and a handle for moving said socket member as a unit therewith for operating said valve operating spindle to open the valve, and means engageable by said wrench for holding said handle and socket in valve opening position under normal operating conditions and to release the same for movement to valve closing position upon application of heat, said means comprising a lug assembly having at least two parts connected together by fusible material, the connected surfaces of said parts being disposed in a plane substantially parallel with respect to the normal direction of movement of said handle.

2,128,060
AIRCRAFT
George G. Spratt, Coatesville, Pa.
Application March 4, 1936, Serial No. 67,115
11 Claims. (Cl. 244—75)

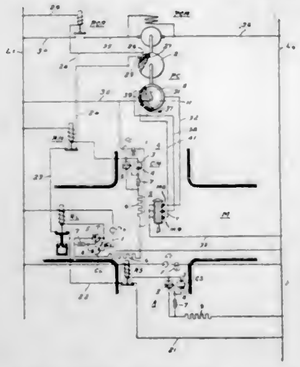


9. A tailless type aircraft comprising a body, a universal pivot mounting substantially above the center of gravity of the body, a main supporting wing carried by said mounting with the point of pivotation substantially in the plane of the wing, means to tilt the wing laterally with respect to the body and other means responsive to said lateral tilting to change the angular relation between the spanwise axis of the wing and the longitudinal axis of the body, said wing constituting the sole movable control surface.

2,128,061
CONTROL SYSTEM
Phillips Thomas, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application August 14, 1929, Serial No. 385,915
8 Claims. (Cl. 177—337)

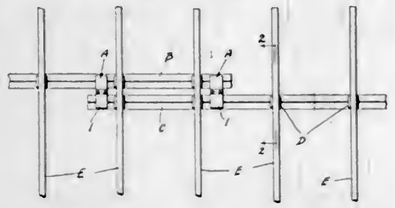
1. A traffic control system for two substantially parallel and opposite traffic lanes, compris-

ing a "stop" signal for each lane, means so disposed as to be actuated only by a unit of traffic in one lane taking a position to make a turn across the other lane and not by through traffic



in said one lane and means, to be actuated by said traffic-actuable means when said traffic-actuable means is actuated, for actuating a stop signal for said other lane.

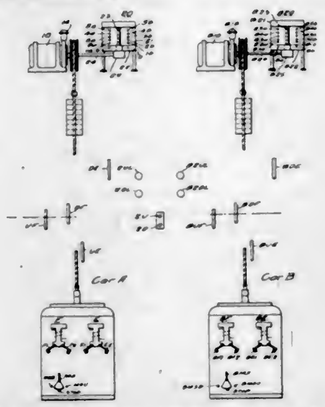
2,128,062
REINFORCING MEANS FOR CONCRETE STRUCTURES
Royal V. Ward, Upland, Calif.
Application July 13, 1936, Serial No. 90,394
3 Claims. (Cl. 72—122)



1. A clamp for reinforcing bars, comprising opposed plates, portions between the ends of said plates adapted to engage one another, opposed jaws at the outer ends of said plates, and means for securing said plates together, said jaws having substantially identical right angularly disposed bar engaging faces arranged to hold bars of square cross section in superposed overlapped relation with their edges in horizontal planes and their flat faces inclined to said planes.

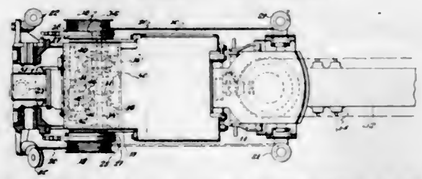
2,128,063
ELEVATOR CONTROL SYSTEM
Harold W. Williams, Chicago, Ill., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application December 9, 1936, Serial No. 114,960
39 Claims. (Cl. 187—29)

14. In an elevator system having a group of cars operable past a plurality of floors, call storing means for each car for recording desired stops of the corresponding car at any of said floors; limiting means for controlling said call storing means to restrict the number of stops assigned to the individual cars; and means effective in the event that a selected car, advancing from the rear of a different car passes a predetermined relative position with reference to said different car, for causing operation of said limiting means to restrict the assignment of calls to said different car.



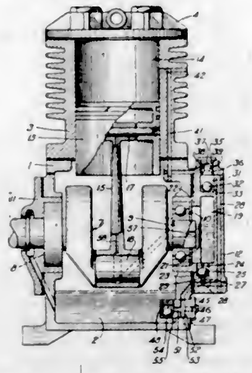
39. In an elevator system having a group of cars operable past a plurality of floors, means individual to said cars for recording intended stops of the corresponding car at any of said floors; signal elements for each of said cars for each of said floors; means controlled by said first-mentioned means for operating said signal elements corresponding to the stops recorded on said first-mentioned means; means for assigning different weighted values to the stops recorded on said first-mentioned means, dependent upon the position of the corresponding floors; and individual means responsive to a predetermined total of said weighted values for stops recorded for the corresponding car for modifying the assignment of operated signal elements among said cars.

2,128,064
KERF-CUTTING MACHINE
Claude O. Wood, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application March 28, 1936, Serial No. 71,371
Renewed January 13, 1938
15 Claims. (Cl. 262—30)



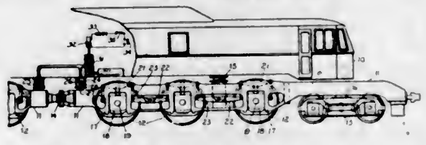
4. In a speed controlling mechanism, a drive motor, a driven member, a drive connection from said drive motor to said driven member including a gear and epicyclic gearing driven thereby, a reaction member for said epicyclic gearing, and means for controlling the driving speed of said epicyclic gearing comprising a control motor normally adapted to rotate at a slower speed than said driving motor, an electric circuit connecting said control motor with said driving motor, a drive connection from said controlling motor to said reaction member, means for connecting said controlling motor into or out of said electrical circuit, and braking means for holding said controlling motor from rotation when disconnected from said electrical circuit.

2,128,065
COMPRESSOR LUBRICATOR
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application September 4, 1935, Serial No. 39,134
15 Claims. (Cl. 184—6)



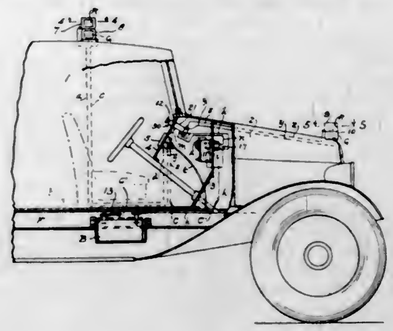
1. The combination with a fluid compressor having a compression chamber, a piston operative to compress fluid in said compression chamber, and a crankcase chamber, of a lubrication system comprising a passage communicating with the compression chamber and the crankcase chamber, whereby variations in the fluid pressure in said compression chamber are communicated to said crankcase chamber, check valve means in the passage for preventing back flow of lubricant into said crankcase, and a lubricant well communicating with said passage for receiving lubricant drawn from said crankcase on the suction stroke of said piston and subjected to fluid pressure supplied from said compression chamber on the compression stroke of said piston.

2,128,066
RAILWAY LOCOMOTIVE
Frank L. Alben, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 13, 1935, Serial No. 49,510
5 Claims. (Cl. 105—75)



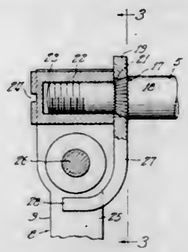
1. In a railway locomotive, in combination, a locomotive frame, a locomotive cab, a plurality of driving wheels at each side of the locomotive, an equalizing system on each side of the frame for distributing the weight carried by the driving wheels, a guiding truck disposed independently of the driving wheels and the equalizing system for normally carrying a predetermined part of the locomotive weight, and means acting between the cab and the frame for applying pressure directly on the locomotive frame independently of the equalizing system to transfer weight from the guiding truck to the driving wheels, said locomotive cab being normally supported on the frame at a point between the guiding truck and the point of applying said pressure.

2,128,067
APPARATUS FOR CONTROLLING VEHICULAR TRAFFIC BY RADIO
Constantine Alimaras, New York, N. Y.
Application April 17, 1935, Serial No. 16,750
1 Claim. (Cl. 177—337)



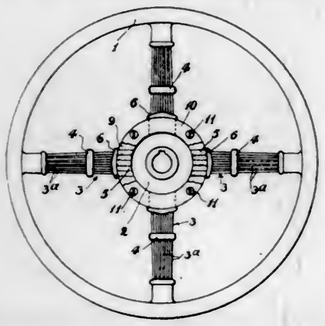
A device on a vehicle traversing highways, responsive to periodically transmitted wireless signals spaced to determine stop and go signaling periods, comprising a radio receiver, a stop and go signaling means, a step by step circuit closer, means for operating said stop and go signals individually by said circuit closer in alternate steps thereof, means responsive to a received wireless signal to move said circuit closer from one step to another, and manual means for operating said circuit closer one step whereby the signal operated by said circuit closer may be made to correspond with the proper display of said signals.

2,128,068
WINDSHIELD WIPER ARM
John W. Anderson, Gary, Ind., assignor to Productive Inventions, Inc., Gary, Ind., a corporation of Indiana
Application November 15, 1935, Serial No. 49,995
7 Claims. (Cl. 287—52.02)



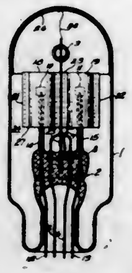
7. In a device of the class described and in combination, an actuating shaft having an outer annular portion of irregular contour, a key member having an opening formed therein, the annular wall of said opening being irregular and conforming substantially to the irregular contour of said outer portion of the shaft, a bifurcated wiper arm carried by and operatively related to said shaft in a manner to be driven thereby, and a laterally extending finger on said key member positioned between the bifurcations of said arm for providing a driving connection between said key member and arm.

2,128,069
STEERING WHEEL
Francis Cyril Ashby, Birmingham, England, assignor to Frank Ashby and Sons Limited, Birmingham, England, a company of Great Britain
Application August 28, 1936, Serial No. 98,297
In Great Britain September 14, 1935
14 Claims. (Cl. 74—552)



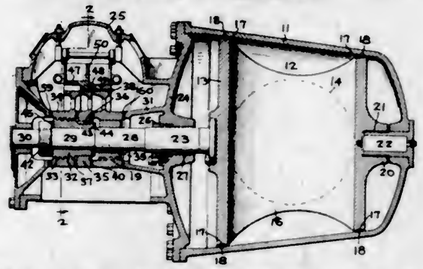
1. A steering wheel comprising a rim portion, a central boss having a plurality of open ended recesses in a horizontal face, separate rubber or like parts seated and confined laterally within said recesses, a clamping ring having recesses corresponding and opposed to the recesses in the boss to form therewith housings enclosing the rubber or like parts, a plurality of independent spokes having their inner ends extending into the housings and floatingly enclosed in the respective rubber or like parts, and means for pressing the clamping ring towards the boss in order to compress the rubber or like parts which are firmly secured to the spokes and boss.

2,128,070
ELECTRIC DISCHARGE DEVICE
Walter E. Bahls, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 10, 1936, Serial No. 58,533
3 Claims. (Cl. 250—27.5)



1. A space discharge device including an envelope, a cathode and a plurality of anodes, an electrostatic shield electrically continuous within the envelope separating said anodes and forming a chamber about each anode with an opening for each anode which leaves the direct line from such anode to the cathode unimpeded, said shield extending across all direct paths between any two anodes.

2,128,071
VALVE
Robert Bischoff, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania
Application July 25, 1936, Serial No. 92,553
1 Claim. (Cl. 74—1)

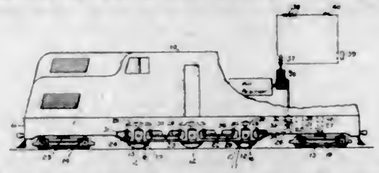


Valve shaft actuating means for a valve adapted to be moved in a straight line to unseat the valve and then rotated through a predetermined arc at the completion of the reciprocating movement to turn the valve from closed to open position and vice versa, comprising a shaft having a smooth external surface, a sleeve mounted on said shaft and having a smooth internal surface whereby the sleeve is free to turn independently of the shaft, means for preventing longitudinal movement of said sleeve with respect to said shaft, said sleeve having an externally screw threaded portion and a plain external portion, a gear sector having an internally threaded portion mounted on the threaded portion of said sleeve for moving said sleeve and said shaft axially when the gear is rotated, a second gear sector keyed to said sleeve for rotating the sleeve when said second gear sector is rotated, a third gear sector keyed to the shaft for turning the shaft when said third gear sector is rotated, each of said gear sectors having a toothed portion and a plain portion, a reciprocating bar adapted to be moved in a straight line and having three sets of teeth for intermeshing respectively with the teeth of said three gear sectors, the teeth being formed in said bar whereby the first set of teeth only are intermeshed with the teeth of the first gear sector when the bar is in one position, the second and third sets of teeth of said bar being adapted to intermesh simultaneously with the teeth of said second and said third gear sectors after the bar has moved a predetermined distance from the first position, and the first and third set of teeth of said bar being adapted to unmesh simultaneously from the teeth of said first and third gear sectors after the bar has moved a predetermined distance from the second position, and means for reciprocating said bar.

2,128,072
RAILWAY LOCOMOTIVE
Winston A. Brecht, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 13, 1935, Serial No. 49,511
5 Claims. (Cl. 105—75)

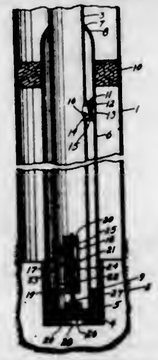
1. In a railway locomotive, in combination, a plurality of driving wheels, an equalizing system for distributing the weight carried by the driving wheels, a guiding truck at each end of the locomotive, a center pin on each one of said trucks, equalizing bars disposed at each side of the locomotive and connected between only one of said guiding trucks and said equalizing system for

distributing the locomotive weight between the driving wheels and the guiding trucks, said equalizing bars having fulcrum points fixed in the locomotive frame and one end resting on the center pin of one of said trucks, the locomotive



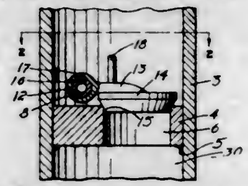
frame being disposed directly on the center pin of the other truck and means cooperating with the equalizing bars to create a moment about their fulcrum points for temporarily transferring weight between the guiding trucks and the driving wheels while the locomotive is in operation.

2,128,073
FLUID PRODUCING APPARATUS
Thomas E. Bryan, Oklahoma City, Okla.
Application December 23, 1935, Serial No. 55,866
9 Claims. (Cl. 103—232)



1. In a well flowing apparatus, a tubing adapted to extend into the well, means to admit well fluid into the said tubing, and means operatively independent of said first means to admit a gaseous substance into said tubing, adjacent to the lower end thereof when the pressure of the fluid at the bottom of said tubing bears a predetermined relation to the natural formation pressure, whereby the fluid in said tubing will be forced out of the well by said gaseous substance.

2,128,074
WELL FLOWING APPARATUS
Thomas E. Bryan, Oklahoma City, Okla.
Application April 20, 1936, Serial No. 75,265
6 Claims. (Cl. 103—232)

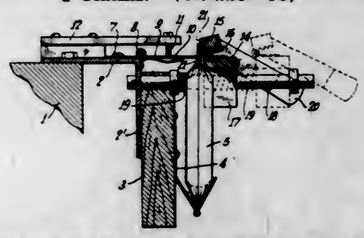


1. In combination with a well tubing having an opening through a wall thereof to admit gas under pressure thereto, a rotatable sleeve valve for controlling said opening, and means connected to said sleeve valve and located in the path of a fluid passing through said tubing for rotating said valve to close said opening upon upward movement of such fluid and for rotating said valve to open the same upon cessation of such upward movement.

2,128,075
MOTOR FUEL STABILIZATION
Richard G. Clarkson, Wilmington, Del., and Claude G. Wolff, Penns Grove, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 17, 1936, Serial No. 59,600
3 Claims. (Cl. 44—9)

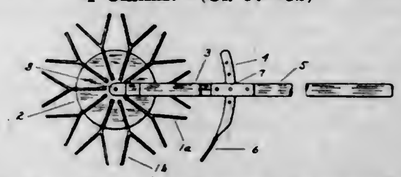
1. The method of producing a gum and color stable motor fuel containing cracked gasoline which comprises adding a small proportion of para-aminophenol to a crude cracked hydrocarbon distillate and distilling the resulting admixture to obtain a motor fuel containing cracked gasoline which is gum and color stable.

2,128,076
FOLDING APPARATUS
William S. Cloud, Wilmette, Ill.
Application July 16, 1937, Serial No. 153,897
4 Claims. (Cl. 226—56)



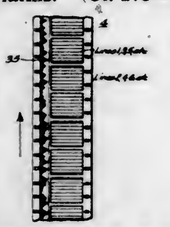
1. Folding apparatus comprising a pair of bars, a hinge connecting said bars, a yielding plate having an edge extending parallel to said hinge, means to support said bars for movement toward and away from said plate, and means for swinging one of said bars about said hinge to engage and displace said plate.

2,128,077
ROTARY CULTIVATOR
Clemm T. Custer, Martinsburg, W. Va.
Application October 15, 1936, Serial No. 105,785
4 Claims. (Cl. 97—52)



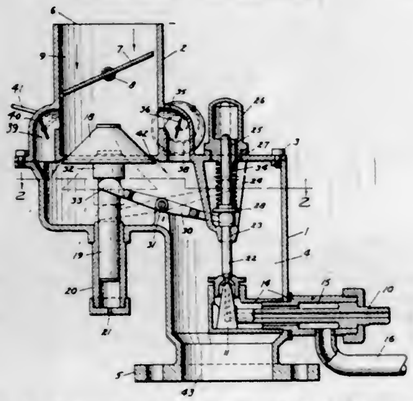
1. In a cultivating implement, the combination of a handle beam having a forwardly extending forked bracket, a circular rotating disk journalled in said bracket, transverse cutting blades slotted to straddle said disk and to be secured thereto, each cutting blade comprising a portion extending to either side of a radial position, and a cultivator blade adjustable in the handle beam to a position to assist the rotating tool in lifting surface soil and weeds.

2,128,078
TELEVISION SYSTEM
Robert L. Davis, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application March 6, 1929, Serial No. 344,788
28 Claims. (Cl. 178—5.6)



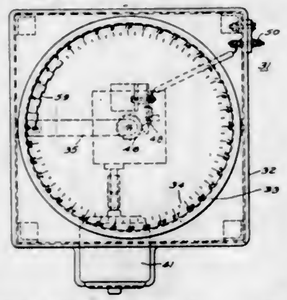
1. In a television system, a web having impressed thereon a plurality of frames; means for imparting movement to said web and means for scanning a plurality of different complementary portions of successive frames of said web during motion of said web.

2,128,079
CARBURETOR
Bailey P. Dawes, Detroit, Mich.
Application October 25, 1935, Serial No. 46,770
4 Claims. (Cl. 261—50)



2. A carburetor for atomizing fuel by mixing the same with air preparatory to being burned in an internal combustion engine comprising in combination, a casing encompassing a mixing chamber having an air inlet and an outlet for the mixture of air and fuel, a manually operated valve for controlling the flow of air through the air inlet, an upright conical valve reciprocably mounted in and responsive to the flow of air passing through said inlet and arranged to open in a downstream direction to progressively increase the effective unobstructed area of said inlet port, a fuel inlet for supplying fuel to the said mixing chamber, a tapered metering valve for said fuel inlet arranged to open to progressively increase the effective unobstructed area of said fuel inlet, said tapered metering valve having an inverted conical portion exposed directly to the air in the said mixing chamber, a chamber surrounding the fuel inlet in spaced relation therewith and provided with an outlet into the said mixing chamber, means for supplying gas to the last mentioned chamber, said last mentioned chamber directing a flow of gas by the fuel inlet before the fuel and gas passes out of the said outlet into the mixing chamber, the said fuel and gas upon passing through the said outlet impinging against the inverted conical portion of the tapered metering valve as it enters the mixing chamber, means interconnecting said conical and tapered valves for translating the opening movement of the conical valve to the tapered valve to simultaneously and correspondingly open the said tapered valve, the taper of the said metering valve being gauged relative to the taper of said conical valve whereby as the conical valve progressively opens responsive to an increase in volume of air flowing through said air inlet the tapered metering valve correspondingly progressively opens to admit a corresponding increase in the amount of fuel admitted to said mixing chamber to thereby maintain said fuel to air ratio in said mixing chamber approximately constant.

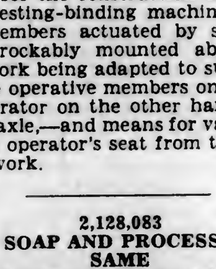
2,128,080
TIMING DEVICE
John W. Dawson, East McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 5, 1935, Serial No. 48,323
4 Claims. (Cl. 172—245)



1. A device for providing an indication relative to the current passed to a load device from an alternating-current source comprising, in combination, a rotatable support, a motor having driving connection with said support and disposed to rotate it in synchronism with the frequency of said source, a scale fixedly mounted relative to said support, and a glow discharge device carried by said support, said glow discharge device having a pair of electrodes disposed to be connected for energization on flow of current to said load device, said electrodes being spaced along the radius of rotation of said support whereby successive half cycles of the alternating current are indicated on radially spaced successive portions of said scale.

2,128,081
RADIATOR VENT VALVE
Edward E. Decker, Weymouth, Mass.
Application March 1, 1937, Serial No. 128,367
3 Claims. (Cl. 236—66)

1. A radiator vent valve comprising a casing having an inlet adjacent its bottom to be connected to a radiator, a tube secured at one end on and opening through the bottom of said casing and with its other end disposed within the casing adjacent the top thereof, a bracket mounted on said tube with an arm projecting laterally from each of opposite sides thereof, a valve head to seat on the end of the tube for controlling communication between the interior of said casing and the passage through said tube, a bimetallic thermostatic strip extending transversely of said upper end of the tube and having its ends fixed in the respective arms of said bracket, said



valve head being mounted on said strip intermediate the ends of the latter and seated on and unseated from the end of the tube upon flexure of said strip under influence of temperature changes in said casing.

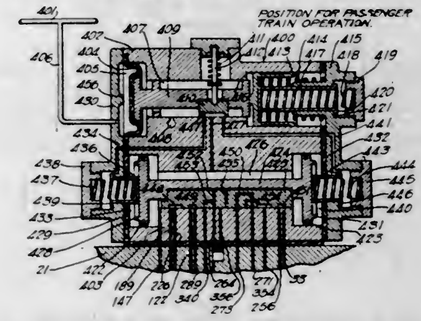
2,128,082
FRAME FOR AGRICULTURAL MACHINES AND MOWING MACHINES COMPRISING THIS FRAME
Albert Jules Marius Joseph Durand, Montargis, France
Application September 19, 1935, Serial No. 41,233
In France September 22, 1934
12 Claims. (Cl. 56—25)

1. In a frame applicable to agricultural work, particularly for the construction of mowing machines, harvesting-binding machines, an engine, operative members actuated by said engine, a framework rockably mounted about the axle, said framework being adapted to support the engine and the operative members on the one hand and the operator on the other hand at opposite sides of the axle,—and means for varying the distance of the operator's seat from the axle at will during the work.

2,128,083
WAX ACID SOAP AND PROCESS OF MAKING SAME
Carleton Ellis, Montclair, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application September 7, 1935, Serial No. 39,527
6 Claims. (Cl. 87—16)

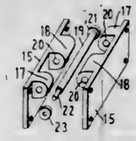
1. Process for making a transparent, petroleum-derived, water-soluble soap gel which comprises oxidizing spent alkaline solutions of hydrogen sulphide of petroleum origin, concentrating the oxidized spent alkali, incorporating a sufficient proportion of wax acids to react with uncombined alkali, and heating to complete the saponification and induce transparency.

2,128,084
FLUID PRESSURE BRAKE
Clyde C. Farmer, Pittsburgh, and Ellis E. Hewitt, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 10, 1934, Serial No. 747,734
37 Claims. (Cl. 303—23)



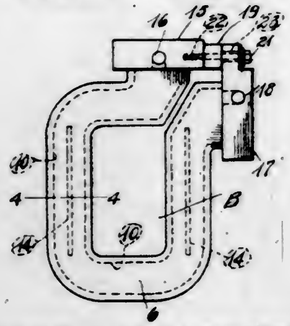
1. In combination with a fluid pressure brake equipment characterized by the use of a single brake controlling valve device adapted to be conditioned to function for different classes of service, a signal pipe carrying fluid at a different pressure in each of said classes of service, a change-over mechanism having positions for conditioning the brake controlling valve device for said classes of service and being selectively operative to any one of said positions, and means subject to the pressure of fluid in said signal pipe for controlling the operation of said change-over mechanism.

2,128,085
HINGE
Charles Fischer, New York, N. Y.
Continuation of application Serial No. 127,594, February 25, 1937. This application January 19, 1938, Serial No. 185,636
2 Claims. (Cl. 2—14)



1. In a goggle structure, the combination comprising a pair of metal frames adapted to retain lenses and shaped to afford bridge portions, a hinge means attached to the said frames at the ends of their respective bridge portions, the said hinge means including a pair of plates substantially the width and depth of the bridge portions, a long and short knuckle on each plate, the knuckles of one plate being identical with and spaced apart the same distance as the knuckles of the other plate, the long knuckles being adjacent to each other at the intermediate portion of the said hinge plates, thereby strengthening the hinge, the said knuckles being positioned along the longitudinal extreme outer edges of the said plates, each of the said plates being aligned with and attached to a respective bridge portion end of the frame so that the outer edge of the plate extends parallel to the outer edge of the respective bridge portion, and a hinge pintle adapted to be passed through and secured in registering openings in the knuckles.

2,128,086
WELDING TRANSFORMER
Wendolyn F. Gakle, Bay City, Mich., assignor to Kuhlman Electric Company, Bay City, Mich., a corporation of Michigan
Application February 27, 1936, Serial No. 66,029
3 Claims. (Cl. 175—362)



1. In a transformer of the class described and comprising a plurality of hollow secondary legs rigidly secured together in spaced apart relation, each leg comprising a pair of stamped plates, relatively wide strips interposed between said plates at the edges to hold them in spaced apart relation, means for securing the plates and strips together to form a rigid leakproof leg construction, and a spacer strip of the same thickness as the edge spacer strips mounted in said leg to reinforce said plates.

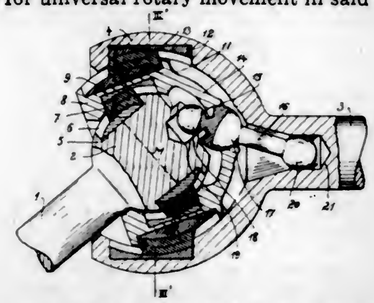
2,128,087
SELF-LUBRICATING BEARING
Thomas L. Gatke, Chicago, Ill.
Application June 10, 1936, Serial No. 84,423
2 Claims. (Cl. 308—238)



1. A self-lubricating molded bearing comprising a composition material of synthetic resin reinforced by a fabricated member of flexible strands of fibrous material having certain only of its strands covered by a lubricant encircled by an adhering protective coat of synthetic resin and having the remainder of its strands coated with synthetic resin only, whereby said last named strands are securely bonded together and hold said first named strands securely in position between them.

2,128,088
JOINT FOR THE CONNECTION OF SHAFTS
Hans Hanft, Munich, Germany
Application March 16, 1937, Serial No. 131,172
In Germany August 19, 1936
10 Claims. (Cl. 64—21)

1. A joint for the connection of shafts, in particular in automotive vehicles, comprising a joint head on one shaft and a joint socket on the other shaft, an intermediate ring interposed between said head and socket bearing means for said ring, a plurality of insets rotatably mounted in the co-operating faces of said head, socket and ring, driving members movably located within said insets, a guide member adapted to positively rock said intermediate ring and being at both ends in movable engagement with the ends of said two shafts and being held between said ends for universal rotary movement in said bear-

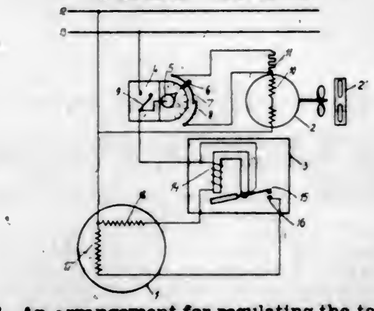


ing means of the intermediate ring, the centre point for the universal rotary movement of said guide member being situated in equal distance from the centre point of the joint system at any angular position of said two shafts.

2,128,089
ARTICLE OF MANUFACTURE
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application March 12, 1936, Serial No. 68,452
2 Claims. (Cl. 75—22)

1. An article of manufacture for use as an addition agent to molten metal, comprising, a mixture of from 1% to 25% by weight of chromium powder, not more than 10% by weight of a deoxidizing material with the balance substantially copper powder, the mixture being subjected to a sufficiently high pressure to compact the mixed elements into the desired form.

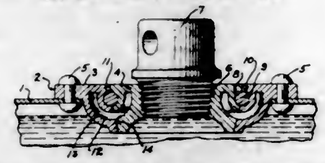
2,128,090
REFRIGERATING APPARATUS OF THE COMPRESSION TYPE
Rudolf Hintze, Berlin-Charlottenburg, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application December 16, 1937, Serial No. 180,196
In Germany December 28, 1936
4 Claims. (Cl. 62—4)



1. An arrangement for regulating the temperature in refrigerating apparatus of the compression type, comprising a driving motor for the compressor, a blower for cooling the condenser, a thermostat for controlling said driving motor in

dependence upon said temperature, a drive of adjustable speed for said blower, means for adjusting the operating temperature of said thermostat, and an operative connection between said means and said drive so as to adjust the speed of said blower in accordance with the adjustment of said thermostat.

2,128,091
FUSIBLE VENT
Roderick M. Iversen, Berkeley, Calif., and Newell B. Case, Seattle, Wash.
Application April 1, 1935, Serial No. 14,102
12 Claims. (Cl. 220—89)

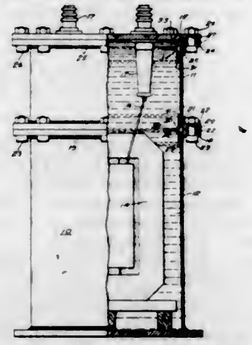


12. In a device of the character described, a tank having an orifice therein, a closure for said orifice, an emergency orifice in said closure, and closure means for said emergency orifice including a fusible retainer therefor insulated against the contents of said tank by an underlying air cell.

2,128,092
TANNING OF LEATHER OR HIDES WITH MINERAL TANNING AGENTS
Ludwig Jablonski, Berlin, and Kurt Lindner, Berlin-Lichterfelde, Germany, assignors to firm: Chemische Fabrik Grünau, Landshoff & Meyer A. G., Berlin-Grunau, Germany, a company of Germany
No Drawing. Application June 13, 1936, Serial No. 85,124. In Germany June 25, 1935
8 Claims. (Cl. 149—5)

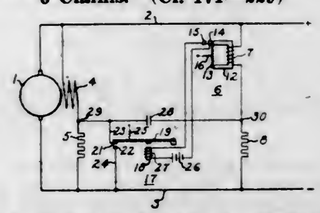
1. A method for the preparation of a tanning lye consisting of the step of adding higher molecular albumen cleavage products to tanning metal compounds selected from the group of trivalent chromium and iron salts, the amount of said albumen cleavage products being at least eight times that of said tanning metal compounds.

2,128,093
TRANSFORMER TANK STRUCTURE
William G. James, West Middlesex, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 26, 1935, Serial No. 18,302
4 Claims. (Cl. 220—85)



1. A transformer tank comprising, in combination, a lower case section of major size, an upper case section of lesser size assembled thereon by exterior attaching means, an interior seal comprising metallic bands carried on the upper and lower case sections presenting inwardly projecting meeting edges located inwardly of the internal surface of the case sections, and subsequently welded to unite the bands to provide a sealed joint between the case sections.

2,128,094
VIBRATING TYPE REGULATOR
Joseph F. Kovalsky, Turtle Creek, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 24, 1937, Serial No. 176,239
6 Claims. (Cl. 171—229)



1. In a regulator system, a dynamo-electric machine for supplying unidirectional current to circuit supply conductors and provided with a field winding, a field energizing circuit including said field winding and a field controlling resistor connected in series between said supply conductors, a primary relay for intermittently short circuiting said resistor for controlling the effective value thereof, a control circuit including the operating winding of said primary relay and a control circuit resistor, and anti-hunting means comprising a condenser connected from a junction point between the field winding and the regulating resistor and a junction point between the primary relay winding and the control circuit resistor.

2,128,095
DECORATIVE BUTTON
A. Hoyt Levy, Brooklyn, N. Y.
Application November 23, 1934, Serial No. 754,392
6 Claims. (Cl. 41—34)

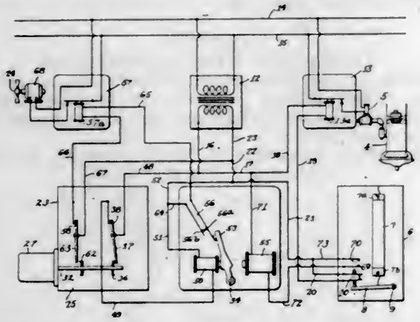


1. In a button, a molded non-metallic one-piece and slightly yieldable base having a comparatively thin flange and having a central recess therein, said recess being provided with an inwardly projecting bead adjacent the outer face of the base, and a one-piece non-metallic molded insert having a head and having a stud provided with a neck of substantially the internal diameter of the bead whereby the stud is adapted to be forcibly snapped into the recess to hold said base and insert together against separation, and a lateral projection on the base provided with a sewing hole.

2,128,096
CONDITION CONTROLLING APPARATUS
Albert J. Loepsinger, Providence, R. I., assignor to General Fire Extinguisher Company, Providence, R. I., a corporation of Delaware
Application April 11, 1935, Serial No. 15,811
5 Claims. (Cl. 236—44)

2. Apparatus for humidifying and ventilating

an enclosure comprising humidifying means, humidity responsive means in control thereof, ventilating means, and temperature responsive means in control thereof; said humidity responsive means being adapted to stop ventilation irrespective of the temperature responsive means upon drop in humidity; and said temperature re-



sponsive means including two movable control members, one of said members being movable by said temperature responsive means and left at its extreme position, and the other of said members being movable relative to the first member so that the control is effected by a variation in temperature from the previously attained extreme.

2,128,097

ACID RESISTING LAMINATED PRODUCT

Gerald H. Mains, Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application March 15, 1934, Serial No. 715,611
4 Claims. (Cl. 117—27.5)



1. An acid resistant spinning bucket comprising a plurality of layers of a mixture of an organic fibrous material and an acid resistant asbestos woven into a fabric, the organic fibrous material being present only in sufficient quantities to enable the weaving of the mixture and a reacted acid resistant binder impregnating the layers of the fabric and binding it into a spinning bucket of predetermined shape, the asbestos being present in quantity sufficient to give the desired strength to the spinning bucket when the organic fibrous materials have been destroyed by an acid.

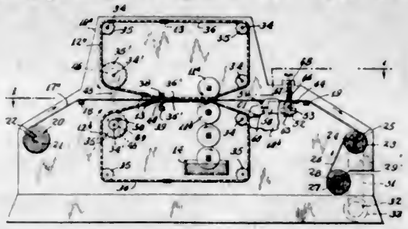
2,128,098

AUTOMATIC INKING MACHINE FOR TYPEWRITER RIBBONS AND THE LIKE, WITH UNINKED PORTIONS

Philip Mannino, New York, N. Y.

Application November 16, 1935, Serial No. 50,112
9 Claims. (Cl. 91—18)

1. A device of the class described, comprising a body, a ribbon inking device thereon and including superimposed inking members, means for guiding and drawing ribbon webs between said inking members, a pair of superimposed endless carriers on said body and equipped with protection strips adapted to periodically engage against



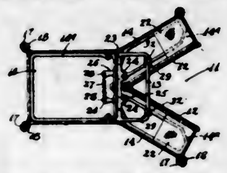
the top and bottom sides of said ribbon web and protect portions thereof from receiving ink.

2,128,099

GARMENT BAG

Saul H. Marks, New York, N. Y.

Application December 29, 1937, Serial No. 182,175
9 Claims. (Cl. 206—7)



1. A garment bag comprising a cloth bag having a flat top wall and an opening extending along a portion of said top wall and down one side of said bag, a fastening device for closing said opening, a frame for supporting a portion of said top wall extending from one end of the top wall towards the other end and past the center thereof and towards said opening, frame arms for supporting the other portions of said top wall and attached thereto on opposite sides of said opening and pivotally supported on said frame, means urging said frame arms apart to spread said opening, and a hanger for clothes within the top of said bag and connected with said frame and having a hook support extending from the top of said bag.

2,128,100

PREPARATION OF 4,4'-DIALKOXY DIPHENYLAMINES

Arthur M. Neal, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 5, 1936, Serial No. 83,807
9 Claims. (Cl. 260—571)

1. The process which comprises reacting at about 30° to about 95° C. a lower alkyl ester of an inorganic acid with a p-(4-alkoxy-anilino)-phenolate in which the alkoxy group is a lower alkoxy group in the presence of an inert solvent.

2,128,101

MANUFACTURE AND APPLICATION OF CARBAZOLE DERIVATIVES

Wilfred Archibald Sexton, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application May 7, 1935, Serial No. 20,295. In Great Britain May 7, 1934
4 Claims. (Cl. 260—164)

1. A dyestuff being the product formed by coupling 2-hydroxy-carbazole-3-carboxylic-dianisidide to a diazotized arylamine having a single benzene nucleus free from water-solubilizing groups.

2,128,102

OVERSHOT

Ralph P. Sherman, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas

Application June 22, 1936, Serial No. 86,514
8 Claims. (Cl. 294—99)



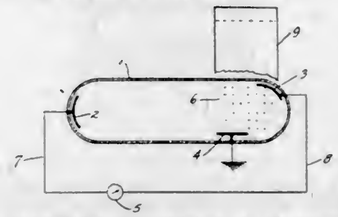
1. In an overshot, a tubular housing, tool gripping dogs enclosed within the lower end of said housing, means to support said dogs in said housing in position with said dogs latched on said tool, said means being rendered ineffective to retain said dogs in latched position in response to a predetermined pulling force applied thereto and wedging means in said housing below said dogs to unlatch said dogs when they are moved from latched position.

2,128,103

SELF GENERATING PHOTOTUBE

Albert G. Thomas, Lynchburg, Va.

Original application May 13, 1936, Serial No. 79,420. Divided and this application April 24, 1937, Serial No. 138,691
2 Claims. (Cl. 250—27.5)



1. A phototube comprising a photo-sensitive cathode, a photo-sensitive anode, an electron receiving element intermediate said cathode and anode, and means for creating a magnetic field perpendicular to a plane passing through said cathode, anode, and element to direct electrons from said anode upon said element and to assist in directing electrons from said cathode away from said element and onto said anode.

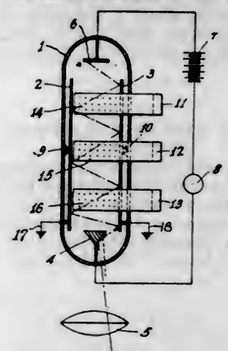
2,128,104

PHOTOTUBE

Albert G. Thomas, Lynchburg, Va.

Original application May 13, 1936, Serial No. 79,420. Divided and this application April 24, 1937, Serial No. 138,692
2 Claims. (Cl. 250—27.5)

1. A phototube comprising, a light reflecting photo-sensitive cathode, an anode, and a pair of opposed photo-sensitive surfaces adapted to reflect light from said cathode from one said surface



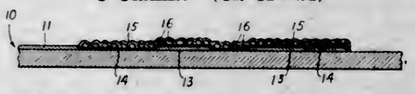
to the other said surface to liberate electrons from said surfaces.

2,128,105

RELIEF PRINT

John J. Tighe, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application July 30, 1934, Serial No. 737,483
8 Claims. (Cl. 41—24)



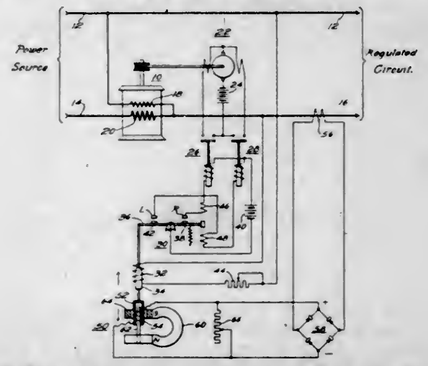
3. The combination with a sheet of paper, and a resinous thermographic ink imprint thereon, of a rosin binder on said ink imprint, and crystalline grain of sufficient grit size that individual particles are visible to the naked eye, in said binder, the binder covering the grain so that it is not exposed.

2,128,106

COMPENSATING MEANS

Lester G. Tubbs, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

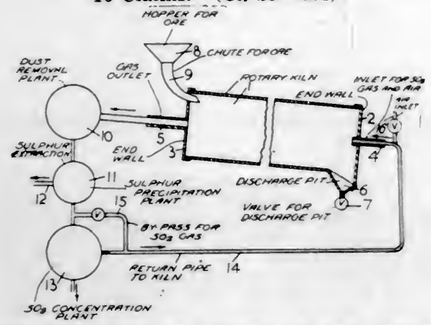
Application May 23, 1935, Serial No. 23,039
11 Claims. (Cl. 171—119)



1. In a system comprising an electrical circuit to be regulated and a regulator responsive to the voltage thereof, the combination of circuit-load compensating means comprising a control-modifying element for the regulator, and means for

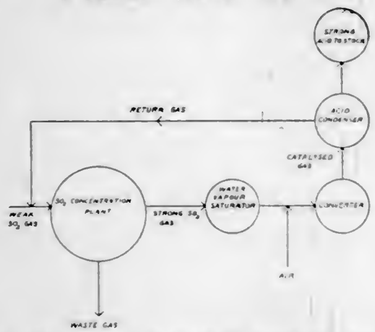
actuating said element comprising a winding movably mounted in a field of constant flux density and energized by a measure of the circuit current, thus biasing said element in accordance with the first power of its energizing current.

2,128,107
PROCESS FOR THE CONVERSION OF METAL SULPHIDES
Daniel Tyrer, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
Application September 13, 1934, Serial No. 743,899
In Great Britain September 13, 1933
10 Claims. (Cl. 23—224)



10. In a process for treating an iron sulphide ore wherein the ore is reacted with sulphur dioxide to produce elemental sulphur, the step comprising mixing the sulphide ore with not substantially less than about an equi-molecular amount of silica, and effecting the reaction between the ore and sulphur dioxide at a temperature above the sintering temperature of the ore, sintering and fusion of the ore being substantially prevented by the admixed silica.

2,128,108
MANUFACTURE OF SULPHURIC ACID
Daniel Tyrer and Arthur Maurice Clark, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
Application December 12, 1934, Serial No. 757,196
In Great Britain December 13, 1933
3 Claims. (Cl. 23—175)

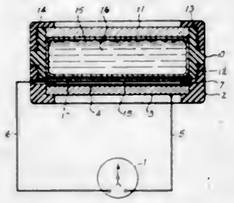


1. In the process of making sulphuric acid by the contact process, the steps of burning a source of sulphur in the presence of oxygen to produce a weak sulphur dioxide-containing gas, concentrating the sulphur dioxide, diluting the concentrated sulphur-dioxide gas with an oxygen-containing gas to provide a reaction gas containing at least 10% of sulphur dioxide and at least an amount of oxygen stoichiometrically equivalent to the sulphur dioxide in said reaction gas, contacting said reaction gas at a reaction temperature with a catalyst adapted to promote the reaction $SO_2+O \rightarrow SO_3$, separately recovering the sulphur trioxide and the sulphur dioxide and mixing the recovered sulphur dioxide with the weak sulphur dioxide-containing gas prior to concentration, the conditions of the reaction, viz., time, temperature, and concentration of sulphur dioxide per unit area of the catalyst being adjusted so that not more than 80% of the sulphur dioxide is converted to sulphur trioxide and so that the recovered sulphur dioxide is of substantially the same order of concentration as the weak sulphur dioxide-containing gas.

2,128,109
CONDENSED BLENDING AGENT AND LUBRICANT
Peter J. Wiezevich, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application September 28, 1934, Serial No. 745,942
12 Claims. (Cl. 87—9)

1. An improved lubricating oil of low pour point comprising a waxy hydrocarbon oil and a small quantity of a polymer condensation product of a waxy hydrocarbon and an ether containing at least one cyclic hydrocarbon radical.

2,128,110
INSTRUMENT FOR MEASURING ULTRA-VIOLET LIGHT
Earl D. Wilson, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 7, 1935, Serial No. 53,403
5 Claims. (Cl. 250—34)

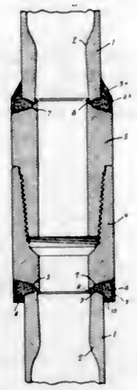


1. A portable unitary device comprising an optical filter transmitting radiation of less than 3200 Å. wavelength, a material which fluoresces when influenced by such radiation located on the emergent side of the filter and a copper oxide photocell exposed to the fluorescence of said material.

2,128,111
WELDED TOOL JOINT
Gorham W. Woods and Henry B. Woods, Houston, Tex., assignors to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application November 4, 1935, Serial No. 48,194
Renewed July 26, 1937
7 Claims. (Cl. 285—146)

1. A tool joint including an upper pin member and a lower box member adapted to interengage, pipe sections having upset ends for attachment with the remote ends of said members, the walls of said members being of greater thickness than those of said pipe section, weld receiving recesses

in the adjacent ends of each pipe section and joint member, a bond of steel welded in said recesses and extended away from the joint along the pipe



to avoid an abrupt shoulder at the pipe end, and an outer layer of hard stainless metal welded to and enclosing said steel bond.

2,128,112
CONNECTER
William H. Barlow, Middlebury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application March 25, 1937, Serial No. 133,048
8 Claims. (Cl. 24—126)

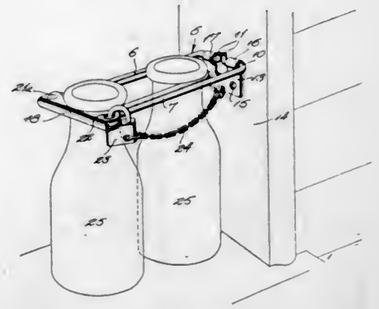


1. A connecter for wires, cables and the like, comprising a casing having a tapering open end, an expanding spring in the casing, cooperating jaws disposed in the tapering end of the casing and having studs at their inner ends extending radially inward, and a combined spring seat and jaw connecter having a cup portion receiving the end of the spring and having a radially apertured hollow projection from the bottom of the cup receiving the radial jaw studs to connect the jaws to the cup portion and hold the jaws in relative longitudinal alinement for radial and pivotal and rocking adjustments when shifted in the tapering end of the casing to receive and clamp upon the end portion of a wire.

2,128,113
STABLE OXYGEN-YIELDING WASHING POWDER
Karl Bauer, Frankfort-on-the-Main, and Friedrich Pressel and Hans Medweth, Rheinfelden/-Baden, Germany, assignors to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany, a corporation of Germany
No Drawing. Application May 25, 1935, Serial No. 23,518. In Germany June 9, 1934
2 Claims. (Cl. 87—5)

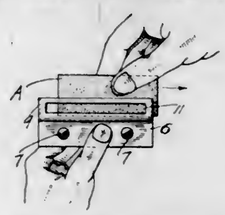
1. A stable alkaline oxygen-yielding washing powder which comprises an alkali metal percarbonate, sodium carbonate, and soap, the moisture content of said washing powder falling within the limits 5 to 7% by weight, based on the weight of said washing powder.

2,128,114
BOTTLE HOLDER
Felix Benedetti, Clifton, N. J.
Application May 28, 1937, Serial No. 145,355
1 Claim. (Cl. 232—41)



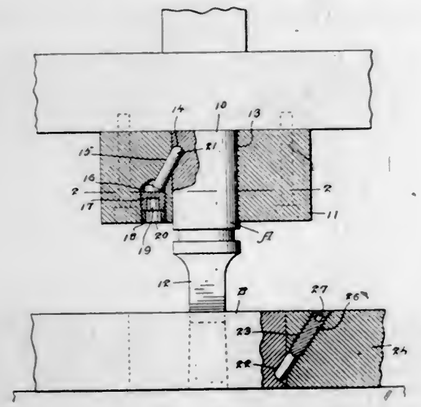
A bottle holder, comprising, a base member adapted to be secured to a door frame or the like, a frame provided with parallel spaced bottle engaging arms terminating in a pintle operable in said base at one end, said arms fashioned from a single piece of wire bent to form abutting longitudinally extending parallel sections terminating at the other end in outwardly offset sections having apertures, said arms and said sections adapted to receive therebetween necks of bottles without extending said arms relative to each other, a loop formed intermediate of said ends and connecting said arms together, a bottle locking member formed with openings adapted for registry with said apertures, a pivot pin in one of said openings and apertures for pivotally securing one end of said member to one of said sections, the other of said openings and apertures adapted to register with each other when said member is in locking position to receive the bow of a lock therethrough to lock the other end of said member to the other section whereby to lock a bottle between said arms, said arms spaced to embrace the sides of said base member when said frame is folded downwardly whereby said arms will abut and hug said door frame.

2,128,115
SHARPENER
Israel Bien, San Francisco, Calif.
Application August 17, 1937, Serial No. 159,581
1 Claim. (Cl. 120—90)



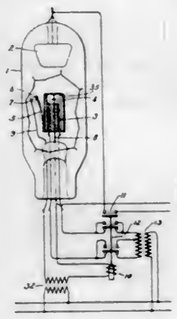
In a device of the character described, a pair of blocks, a pair of plates secured between said blocks, said plates each having a portion thereof diverging beyond the margin of said blocks, each of said plates having an aperture formed in its diverging portion, each of said plates having the ends of its diverging portion bent so as to form scraping elements angularly disposed with relation to each other.

2,128,116
QUICK CHANGE PUNCH AND PUNCH HOLDER
Arthur J. Boone, Jackson, Mich.
Application September 21, 1937, Serial No. 164,933
2 Claims. (Cl. 164—118)



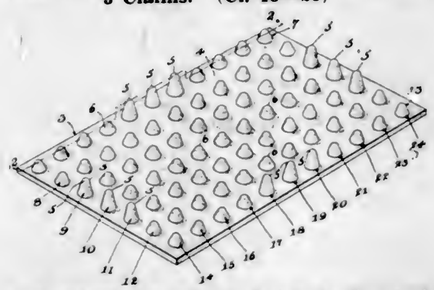
1. A structure of the character described comprising a retainer body having a receiving bore for a punch, means entirely within said body for the holding of the punch in said bore, and lock screws fitting said body and maintaining the said means entirely within the body, the said screws having wrench engaging sockets aligned with each other and accessible without the body and one screw being innermost with respect to the other screw.

2,128,117
ARC DISCHARGE APPARATUS
Carl Braband, Berlin-Wilmersdorf, Germany, assignor to General Electric Company, a corporation of New York
Application January 7, 1932, Serial No. 585,367
In Germany January 13, 1931
17 Claims. (Cl. 250—27)



1. In combination, an electric discharge device comprising an envelope containing a thermionic cathode and an anode, said cathode being heated by an external source of current and the cathode-anode circuit being energized by an external source of current, and means for delaying the energization of the cathode-anode circuit for a length of time after the cathode is heated depending upon the time the cathode takes to reach the proper operating temperature, said means including a thermostatic switch contained within the envelope.

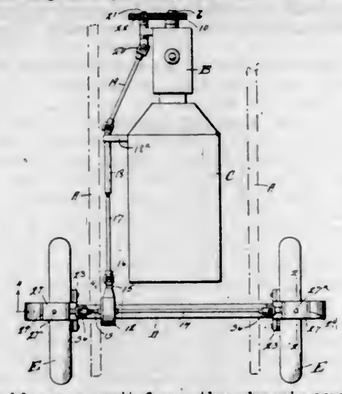
2,128,118
COMBINED HOLDER AND DRAINER DEVICE
Samuel D. Burford, Wellsville, Ohio
Application July 23, 1937, Serial No. 155,350
3 Claims. (Cl. 45—28)



3. A drainer device comprising, an impervious one piece resilient body formed of a flat carrier provided throughout with spaced intersecting parallel, longitudinal and transverse rows of spaced openings, the said openings extending from the inner to the outer face of the carrier, spaced intersecting parallel longitudinal and transverse rows of upstanding conoidal-shaped spaced projections integral at their inner ends with the outer face of the carrier and having closed outer ends, each of said protuberances being formed in its inner portion with an inwardly opening pocket, each of said protuberances, at its inner end surrounding the outer end of an opening and having its pocket forming an outward continuation of and coacting with such opening to provide a suction chamber opening at the bottom of the carrier, the central protuberances of each outer longitudinal row of protuberances being of greater height than the other protuberance of such row and the protuberances of the inner longitudinal rows of protuberances, and the central protuberances of each outer transverse row of protuberances being of greater height than the other protuberance of such row and the protuberances of the inner transverse rows of protuberances, said carrier being of uniform thickness throughout and of rectangular contour, the outer longitudinal rows of openings and protuberances being spaced from the longitudinal edges of the carrier, the outer transverse rows of openings and protuberances being spaced from the transverse edges of the carrier.

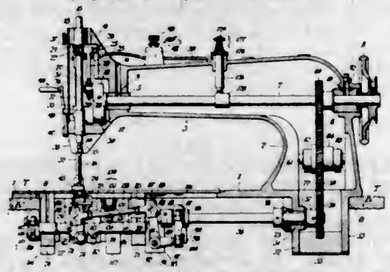
2,128,119
FRONT WHEEL DRIVE FOR AUTOMOBILES
Richard S. Carter, Hutchinson, Kans.
Application February 25, 1937, Serial No. 127,733
6 Claims. (Cl. 180—43)

1. In an automotive vehicle, a chassis, an engine thereon, a front axle, front steering wheels pivotally connected to the axle for transverse swinging movement, a differential supported upon the front axle, means for driving the differential from the engine, shaft sections extending in opposite directions from the differential and driven therefrom, short shaft sections having universal joint connection with the first named shaft sections, a hub extending outward on each wheel, a train of gears disposed outward of the wheel and operatively connecting each short shaft sections to the corresponding wheel hub, and a housing supporting and enclosing said train of gears said housing and gearings enclosed therein being



removable as a unit from the chassis and corresponding wheel.

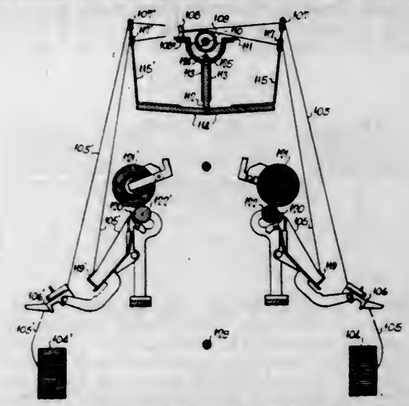
2,128,120
SEWING MACHINE
Norman V. Christensen and Charles F. Rubel, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application January 25, 1936, Serial No. 60,764
7 Claims. (Cl. 112—197)



4. In a chain stitch sewing machine, a frame with a work supporting plate and a hollow overhanging arm sustained by a hollow standard at one end of said plate; a pair of longitudinal shafts, one journaled within the hollow arm, and the other journaled beneath the work supporting plate; a train of intermeshing gear wheels forming the drive connection between the two shafts, said gear wheels being enclosed in the hollow of the frame standard and a communicating oil sump pendant from the work support; a needle bar confined to vertical reciprocation in a head at the free end of the overhanging arm; a cooperative looper, and a feed element below said work support; means adjacent the forward ends of the two shafts whereby their rotary movements are converted respectively into reciprocatory movements of the needle bar, and into oscillatory and reciprocatory movements of the looper and the feed dog; and tension devices respectively for the needle and looper threads controlled by rotary means respectively on the upper and lower shafts.

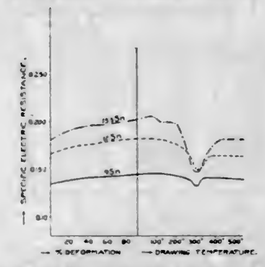
2,128,121
MEANS FOR TREATING YARN
Robert F. Craig, Stanley, N. C.
Application May 11, 1936, Serial No. 79,104
2 Claims. (Cl. 91—51)

1. In a machine for winding yarn into packages and having a plurality of spindles on each side of the machine onto which yarn is adapted to be wound, a waxing trough on top of the ma-



chine, a roller in said trough driven by the machine, and means for guiding the yarn from both sides of the machine across and in contact with said roller before it is wound onto the spindles.

2,128,122
PROCESS FOR INCREASING THE ELECTRIC CONDUCTIVITY OF TIN BRONZES
Otto Dahl, Berlin-Wilmersdorf, and Carl Haase, Mahlsdorf/Sud, Germany, assignors to General Electric Company, a corporation of New York
Application November 13, 1936, Serial No. 110,648
In Germany December 9, 1935
4 Claims. (Cl. 148—11.5)

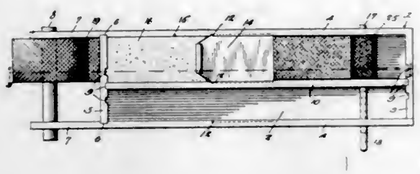


1. The process for increasing the electrical conductivity of tin bronzes of the α mixed crystal range having upwards of 1% tin which contain an appreciable quantity and up to 2% of material from the group silicon, aluminum, iron, phosphorus, nickel, zinc and magnesium, which comprises cold working said alloys to effect a reduction in thickness greater than 50% and thereafter tempering said alloys between 150° and 400° C. for a period greater than that normally required for recrystallization which takes place only at higher temperatures.

2,128,123
BANDAGE MACHINE
Hiram H. Dailey, San Antonio, Tex., assignor of one-half to Ferdinand L. Toepperwein, San Antonio, Tex.
Application February 17, 1937, Serial No. 126,301
2 Claims. (Cl. 91—30)

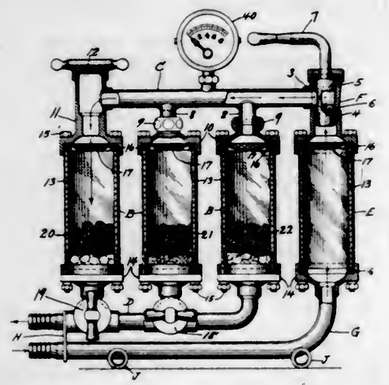
2. In a device for treating a bandage, a casing including side walls, a carrying shaft journaled at one end of the casing, a winding shaft journaled at the opposite end of the casing, an end

wall extended between the side walls and located adjacent to the carrying shaft, there being a bandage-receiving opening below the end wall, a longitudinal partition in the casing, and a vertically adjustable gate cooperating with the partition, with one side wall and with the end wall



to define a compartment for material to be applied to the bandage, there being separate holding means located at the ends of the partition for retaining the partition removably and adjustably at different distances from said side wall, thereby to vary the width of the compartment, one of said holding means being located on the end wall.

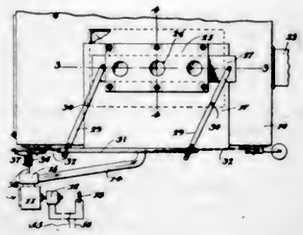
2,128,124
APPARATUS FOR CLEANING PIPES
Anton Diebold, New York, N. Y.
Application October 31, 1934, Serial No. 750,765
5 Claims. (Cl. 225—12)



1. In a pipe cleaning apparatus comprising a storage element, a receiver element, a control valve above said receiver element, a charging chamber above said storage element, means connecting said valve and charging chamber, means adjacent the bottom of said elements adapted for connection to the piping which is to be cleaned, and means clamping said control valve, charging chamber, and last mentioned means to said elements.

2,128,125
AUTOMATIC GRAVITY STOKER
James K. Dukas, Kingston, Pa.
Application November 5, 1935, Serial No. 48,429
1 Claim. (Cl. 110—118)

In combination with a furnace having a fire-box, a blower, a fuel supply hopper located above the furnace and having discharge openings for supplying fuel from the hopper to the fire-box of the furnace, a support for said hopper having a depending apron at one side, a valve plate slidable into and out of position for opening and closing said discharge openings, a rock lever pivotally connected to said apron and extending longitudinally of the apron and the valve, flexible connection between ends of the lever and ends of the valve for sliding the valve as said rock lever is swung, a weight connected to one end of the rock lever for automatically moving the valve in one direction, means driven in conjunction with the blower for moving the rock lever in the opposite direction, said last mentioned means comprising a wind motor actuated by a blast of



air from the blower, a shaft supporting the wind motor, a drum carried by the shaft, and a flexible cable wound upon the drum and to be connected to the opposite end of said rock lever from said weight for tilting the lever and moving the valve to an adjusted position.

2,128,126
POLYMERIZATION OF GASEOUS OLEFINES
Albert Ernest Dunstan, London, England, assignor to Anglo-Iranian Oil Company, Limited, London, England
No Drawing. Application June 5, 1936, Serial No. 83,697. In Great Britain June 26, 1935
16 Claims. (Cl. 196—10)

1. A process for polymerizing normally gaseous olefines such as propylene and the butylenes for the production of a motor spirit, in which cadmium dihydrogen ortho-phosphate is used as the catalyst, in which process the catalyst is maintained in a substantially dry state.

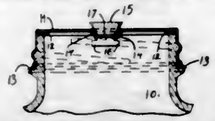
2,128,127
RUBBER AND METHOD OF MAKING THE SAME
Albert K. Epstein and Benjamin R. Harris, Chicago, Ill., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware
No Drawing. Original application January 28, 1935, Serial No. 3,802. Divided and this application January 28, 1937, Serial No. 122,875
20 Claims. (Cl. 18—50)

1. A rubber composition including rubber and a relatively small proportion of an improving agent having the general formula

$$R_v—X_n—Y_w$$

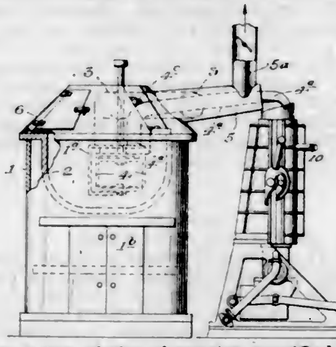
wherein R is an alkyl or acyl radical with at least eight carbon atoms, X is the residue of an aliphatic polyhydroxy substance, Y is a sulphuric acid radical, and v, n and w are relatively small integers.

2,128,128
SEALING DEVICE
Charles E. Evans, Council Bluffs, Iowa, assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa
Application November 11, 1936, Serial No. 110,293
3 Claims. (Cl. 215—56)



2. In a device of the class described, the combination of a container having a cover secured thereon, said cover having a flanged opening therein, the flange extending in a downwardly and inward taper, a tapered stopper adapted to be operably received in the flanged opening, means for normally limiting the upward movement of the stopper, and means for sealingly engaging the inner edge of the flange of the cover opening when the stopper is pressed inwardly in said opening, said means being normally above the inner edge of the flange during evacuation of air from the container.

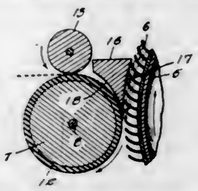
2,128,129
STEREOTYPE METAL FURNACE
Marcus M. Farley, Battle Creek, Mich., assignor to Duplex Printing Press Company, Battle Creek, Mich., a corporation of Michigan
Application September 25, 1935, Serial No. 42,124
1 Claim. (Cl. 22—2)



Apparatus of the character specified comprising a metal melting furnace having an outlet for waste gases of combustion; a metal pot on said furnace, a hood over the pot, a metal pump in the pot, a spout connected with the pump and extending from the pump to a point outside the hood, a jacket connected with the hood and surrounding the exposed portion of the spout, a pipe for directing hot waste gases from the outlet of the furnace into said jacket, and a discharge for the hot gases at the outer end of said jacket.

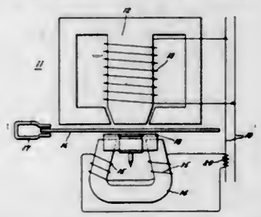
2,128,130
CARDING MACHINE
Merritt L. Farrar, South Acton, Mass., assignor to George M. Nay, Wellesley, Mass.
Application January 11, 1937, Serial No. 120,102
1 Claim. (Cl. 19—105)

A carding machine comprising a rotatable cylinder bearing card clothing, a feeding and presser roll mounted closely adjacent said cylinder, a bar fixedly mounted and extending between said cylinder and roll having a knife edge extending to substantially the line of closest approach of said cylinder and roll, said bar having a concave face adjacent said roll opening gradually outward therefrom away from said knife edge, and



means for feeding material to the opening between said bar and roll, said roll mounted for movement radially with respect to said cylinder and having means for pressing it yieldingly toward said knife edge and cylinder.

2,128,131
LAG PLATE FOR WATT-HOUR METERS
Harold T. Faus, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application February 25, 1937, Serial No. 127,657
5 Claims. (Cl. 171—264)



4. A lag plate for an alternating current watthour meter comprising in combination, an electric circuit member composed of electrically conducting material formed as a closed loop and a magnetic circuit member linking said electric circuit member and including two pieces joined and magnetically in series with abutting surfaces, one piece being composed of a material having a magnetic permeability varying with temperature and the other piece being composed of a material having substantially constant magnetic permeability, the actual area of contact of the two pieces being a small fraction of the abutting surfaces of said pieces.

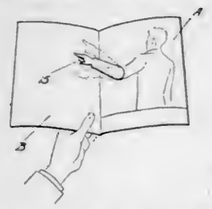
2,128,132
SOCKET
Louis T. Frederick, Valparaiso, Ind., assignor to Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware
Application October 12, 1932, Serial No. 637,504
6 Claims. (Cl. 173—328)



3. An electrical socket receptacle for a vacuum tube having a terminal prong, comprising a pair of thin superposed apertured insulating plates with an aperture of one plate in alignment with an aperture of the other plate to receive said prong, a metallic contact member composed of a single piece of thin resilient metal and comprising a flat anchoring part disposed

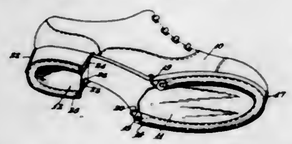
between said plates and an angularly divergent contact part extending from said anchoring part through one of the apertures and aligned with the said apertures to receive said prong, said contact part comprising a portion formed as an angularly divergent prolongation of said anchoring part and a pair of wings or arms extending from said portion in a direction parallel to said plates and directed toward each other about an axis perpendicular to said plates, the said wings forming with said portion a channel generally conformable to the contour of said prong and aligned axially with said apertures to receive and resiliently grip said prong when it is inserted through said apertures, said prong-receiving channel having inherent expansibility and contractibility by virtue of the resilience of said wings and adapted to engage the inserted prong along a plurality of longitudinal lines of contact extending substantially the length of said channel, whereby good electrical contact with said prong and secure holding of the prong are maintained.

2,128,133
NOVELTY
Benjamin Fried, Brooklyn, N. Y.
Application October 9, 1937, Serial No. 168,117
4 Claims. (Cl. 40—67)



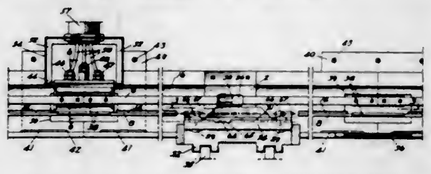
1. A folder comprising two pages, one of said pages having a representation of part of a figure thereon, a spring fixed to one of said pages and a member mounted on said spring, the construction and arrangement being such that when the folder is opened, the said member is caused to move to such position as to form a complete representation of the figure.

2,128,134
CUSHIONING SOLE AND HEEL ELEMENT FOR FOOTWEAR
Nicola Giusto, New York, N. Y.
Application August 1, 1936, Serial No. 93,752
3 Claims. (Cl. 36—7.5)



1. A device of the character described comprising sole and heel elements for a shoe or the like, each element comprising a web attaching portion having an outline substantially corresponding to that of the portion of the underside of the shoe to which it is to be attached, and a tubular cushioning rib portion integral with and depending from the edge of said web attaching portion, said rib portion having a substantially horseshoe contour and having an open end longitudinal perforation forming an open compressible air chamber serving as an air vent.

2,128,135
ELECTRIC TROLLEY CONSTRUCTION
Ernest M. Glasgow, Towaco, N. J., assignor to Feedrail Corporation, New York, N. Y., a corporation of New York
Application February 24, 1936, Serial No. 65,462
20 Claims. (Cl. 247—3)

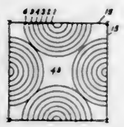


1. In an electric trolley construction, an elongated conduit section having a plurality of longitudinally parallel bus bars mounted therein and insulated therefrom, said conduit having a lateral opening for insertion of a carriage having contacts respectively adapted to engage said bus bars, a closure for said opening, and cooperating means on said closure and carriage for preventing closing of said closure when said carriage is inserted in reversed position.

2,128,136
COATING COMPOSITION
Walter E. Gloor, Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application September 23, 1936, Serial No. 102,163. Divided and this application May 24, 1937, Serial No. 144,538
12 Claims. (Cl. 134—79)

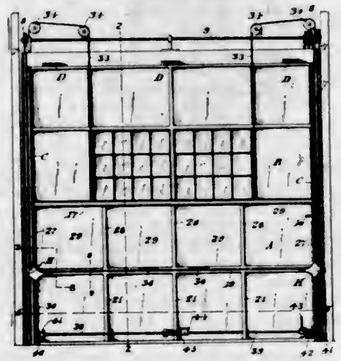
12. A composition of matter comprising an ester of an aliphatic polyhydric nitro-alcohol with a monobasic organic acid and a solid film-forming material selected from the group consisting of cellulose esters, cellulose ethers, chlorinated rubber and natural resins.

2,128,137
BUILDING STRUCTURE
Reginald G. Godson, Toronto, Ontario, Canada
Application December 8, 1934, Serial No. 756,690
In Canada February 21, 1934
16 Claims. (Cl. 72—71)



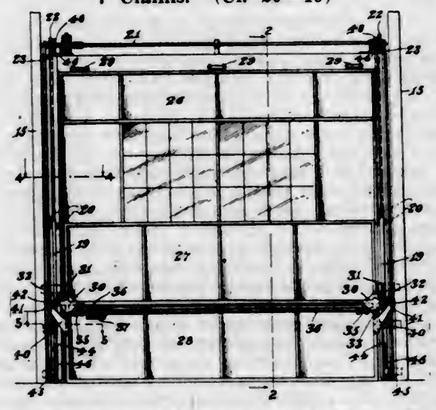
16. An arrangement of floor panel construction for delivering floor panel concentrations to the boundary beams at points adjacent the ends of said beams, comprising a number of connected boundary beams forming a panel therebetween, a series of rectangularly arranged floor panel beams, ultimately supported on the boundary beams, each interior panel beam beginning at the approximate center of the panel being arranged to receive a plurality of unequal load reaction concentrations from its adjacent panel beams, near the ends thereof, until the accumulated load reactions from all the interior panel beams are delivered to the boundary beams in the form of concentrations in the manner specified.

2,128,138
DOOR STRUCTURE
Louis J. Gorar, Brooklyn, N. Y., assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Michigan
Application October 23, 1933, Serial No. 694,896
4 Claims. (Cl. 20—19)



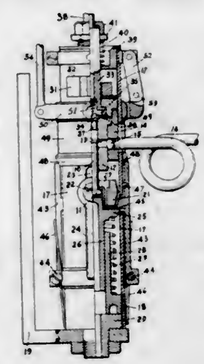
1. In a combined door and guard, the combination with a doorway, of a door for the doorway, said door comprising a pivotally mounted upper leaf and a lower leaf that slides on the upper leaf to and from a position below the same, said lower leaf comprising relatively slidable sections, means for elevating the lower leaf and swinging it and the upper leaf to open position, said means including sliding and swinging lifting levers pivoted to the lower section of the lower leaf, the upper section of the lower leaf having a depending extension provided with an inwardly offset portion and slidably mounted on the lower section, a latch carried by the lower section for engaging the said laterally offset portion to secure the sections together, and counterbalancing means connected to the upper section for assisting in raising the same from the lower section when the two sections are unlatched and the lower section remains depressed.

2,128,139
GUARD FOR DOORWAYS
Louis J. Gorar, Brooklyn, N. Y., assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Michigan
Application March 6, 1934, Serial No. 714,337
7 Claims. (Cl. 20—19)



1. In a combined door and guard, the combination with a door having an upwardly and downwardly swinging upper leaf and a lower leaf comprising upper and lower separable sections, of means pivotally connected to the upper section for raising it on the upper leaf and causing both to be swung, means for detachably connecting the sections of the lower leaf to cause both to be elevated and swing and to leave the lower section as a guard across the doorway, said upper section in the latter case being independently movable on the upper leaf and swinging therewith independently of the lower leaf, a pivotal mounting for the lower section, and a slidable member carrying said mounting.

2,128,140
INJECTION FUEL PUMP
Dana B. Green, Ithaca, N. Y.
Application June 26, 1936, Serial No. 87,431
3 Claims. (Cl. 103—37)

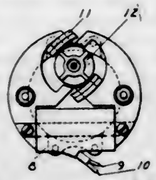


1. A pump comprising an actuated plunger and a drive gear reciprocating said plunger, a stationary sleeve circumscribing the axis of said plunger, a cylinder block assembly slidably mounted within said sleeve and which assembly includes a discharge valve and an intake port located intermediate the respective cylinder ends and which intake port is overrun and opened by the plunger in one extreme travel position thereof, resilient impulsion means thrusting interiorly against said sleeve and urging the plunger in its delivery direction, said drive gear including a guided flange operatively connected to the plunger and disposed interiorly of said sleeve between the plunger and the impulsion means, a reciprocated crosshead member that periodically seats upon one face of said flange and which crosshead when seated serves to move the plunger on its suction stroke, means for intermittently latching said flange while the intake port is overrun by the plunger and which crosshead thereupon recedes from the latched flange, and means for releasing the latched flange in unison with the crosshead movements.

2,128,141
SYNCHRONOUS MOTOR
William L. Hansen and Ira N. Hurst, Princeton, Ind., assignors to Hansen Mfg. Company, Inc., Princeton, Ind., a corporation of Indiana
Application May 5, 1936, Serial No. 78,002
9 Claims. (Cl. 172—278)

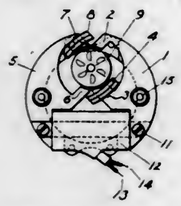
1. A new article of manufacture for use as a rotor in a self-starting synchronous motor com-

prising spaced plates having struck-up ribs op-



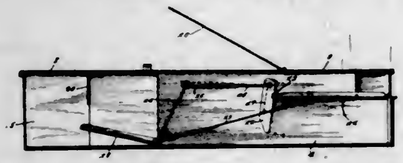
positely disposed to one another, said ribs being arranged to radiate from the center of the disk.

2,128,142
ROTOR
William L. Hansen and Ira N. Hurst, Princeton, Ind., assignors to Hansen Mfg. Company, Inc., Princeton, Ind., a corporation of Indiana
Application May 22, 1936, Serial No. 81,159
4 Claims. (Cl. 172—278)



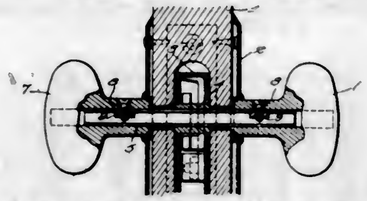
1. In a synchronous motor, field laminations having poles of different sizes, means on the larger poles for shading said poles, a field coil, and a rotor comprising a steel disk slit into a number of poles, said slits having a continuous steel portion on the inner and outer ends thereof in the disk, and radially directed projections adjacent said slits struck up from said disk.

2,128,143
AUTOMATIC RAT TRAP
Ernest L. Harrison, Portsmouth, Ohio
Application July 29, 1937, Serial No. 156,393
1 Claim. (Cl. 43—76)



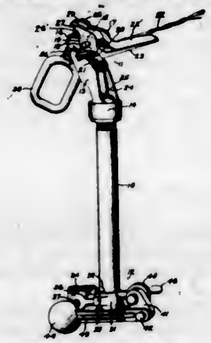
A trap comprising a casing having an entrance, a partition in said casing forming an impounding compartment and a runway communicative with said compartment by a passageway, said runway being in communication with the entrance, a gravity actuated gate closing the entrance to the runway, a pivoted trigger in the runway to support the gate in an elevated position to permit an animal from the entrance to pass into the runway, a bait hook pivoted in the runway and connected to the trigger for releasing the latter from the gate when tampered with by an animal, a platform pivoted in the passageway, and a member secured to the pivoted platform and normally supporting the latter in a position to close the passageway to the compartment and adapted by the movement of the platform under the weight of an animal to elevate the gate and position the latter in engagement with the trigger.

2,128,144
DOORKNOB BAR
Wesley Charles Heinen, Scranton, Pa.
Application December 30, 1936, Serial No. 118,377
2 Claims. (Cl. 292—358)



1. A door knob bar comprising a member including a rectangular shaped portion in cross section and with cylindrical shaped portions provided with slots, said rectangular shaped portion extending through and fitting a sleeve of a door latch, said cylindrical portions extending into door knobs, and fasteners adjustably securing the knobs to the member and including nuts and bolts, said nuts being confined in the cylindrical portions and shaped to conform thereto to prevent rotation of the nuts, and the bolts extending through the knobs and slots and having threaded engagement with the nuts.

2,128,145
ELECTRIC FUSE DEVICE
Benjamin R. Hermann, Lanesboro, Mass., assignor to General Electric Company, a corporation of New York
Application June 13, 1936, Serial No. 85,062
8 Claims. (Cl. 200—121)



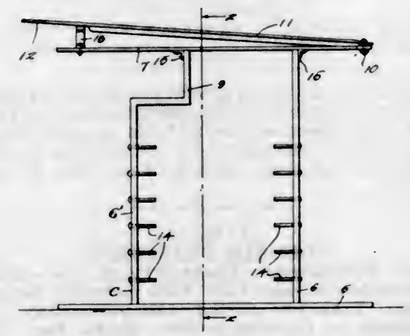
1. In an electric cutout, a fuse holder including a fuse holder tube and a terminal member secured to said tube adjacent one end thereof, which said one end has an opening for the outward protrusion of a fuse link extension from said tube, a clamp carried by said member for fixedly anchoring such protruding fuse link extension to said member, and an indicating device including a semaphore arm pivotally supported by said fuse holder and biased for movement relative to the fuse holder from a first position, wherein said arm extends in relatively close substantially parallel side by side relationship with a part of the fuse holder so as to be relatively inconspicuous, to a second position wherein the arm projects outwardly at a substantial angle to said part of the fuse holder so as to be relatively conspicuous from a distance, said device including an element supported for movement conjointly with said arm and arranged to be engaged by an intermediate portion of a protruding fuse link extension which is anchored to said member by said clamp, thereby

normally to impose tension on the fuse link of which said extension forms a part and to hold said arm in its said first position so long as the fuse link is intact.

2,128,146
SINTERED HARD METAL ALLOYS
Josef Hinnüber, Essen-Ruttenscheid, Germany, assignor to General Electric Company, Schenectady, N. Y.
No Drawing. Application July 7, 1936, Serial No. 89,469. In Germany August 7, 1935
3 Claims. (Cl. 75—136)

1. A sintered alloy containing about 5.5% cobalt, about 16% titanium carbide, about 1% vanadium carbide, and the remainder tungsten carbide.

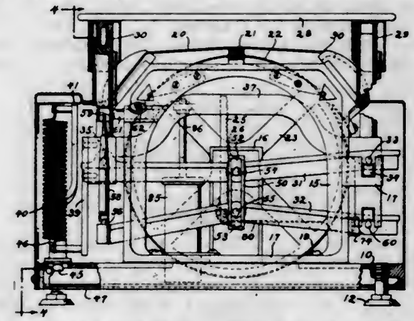
2,128,147
PAPERHANGER'S TABLE ATTACHMENT
Charles William Huber, St. Louis, Mo.
Application May 4, 1937, Serial No. 140,771
1 Claim. (Cl. 164—41)



An attachment for a paperhanger's table having a top comprising a base strip, uprights fixed to and rising vertically from said strip, an inset in one of the uprights at the upper portion thereof, pegs fitting said uprights and constituting opposed journals for wall paper rolls, a stationary cutting blade fixed to the upper ends of said uprights and overhanging the inset portion of one of the same, a movable blade connected with the stationary blade and operating vertically for cooperative cutting action therebetween, and an attaching bracket fixed to the stationary blade at the connection of the movable blade therewith for separable attachment with the table top for the holding of said blades in juxtaposition to the top with the lower stationary blade substantially flush with the said top.

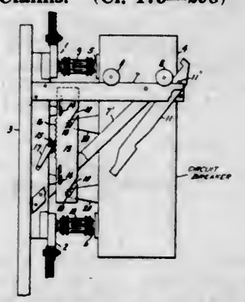
2,128,148
WEIGHING SCALE
Louis Jaenichen, Springfield Township, Oakland County, Mich., assignor to The Standard Computing Scale Company, Detroit, Mich., a corporation of Michigan
Application February 3, 1936, Serial No. 62,120
18 Claims. (Cl. 265—39)

1. In a weighing scale, a housing, a generally cylindrical indicator chart rotatable within the housing, a load-receiving platform arranged above the chart and housing, a lever system supporting the platform including a pair of levers within the housing each extending longitudinally around the chart and each rockable about an axis substantially parallel to that of the chart, and load counterbalancing means



within the housing to resist actuation of the lever system and chart.

2,128,149
ELECTRIC SWITCHGEAR
Leonard J. Linde, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York
Application December 12, 1936, Serial No. 115,643
5 Claims. (Cl. 175—298)

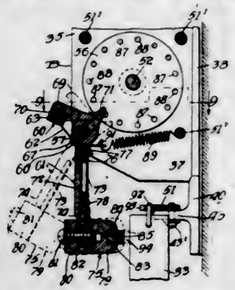


1. Electric switchgear of the draw-out type comprising electric circuit terminals, a circuit-interrupting unit relatively movable with respect thereto, and means for effecting bodily movement of said unit relative to said terminals including a cam member movable transversely of the direction of movement of said unit and along a substantially longitudinal path, said cam member having comparatively limited dimensions with respect to said direction of movement for insuring compactness of said switchgear.

2,128,150
SIGNAL DEVICE
Frederick B. Little, Chicago, Ill.
Application April 3, 1937, Serial No. 134,778
5 Claims. (Cl. 177—7)

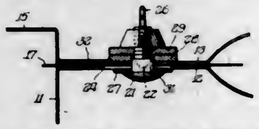
4. In an apparatus of the kind described, a sound device, a hammer for hitting the sound device, a rigid hammer arm, a fixed shaft upon which the hammer arm is pivotally mounted to swing from and toward the sound device, means for yieldingly holding the hammer arm in a normal position with the hammer spaced from the sound device, resilient means by which the hammer is mounted on the hammer arm to swing therewith, means for releasing the hammer arm and permitting the yielding holding means to swing the hammer arm toward the sound device, a rigid hammer stop carried by the fixed shaft arranged to stop the striking movement of the

hammer arm at a point where the hammer is spaced from the sound device, the arrangement being such that the resilient mounting of the hammer permits the hammer to strike the sound device and effects its instant withdrawal from the sound device to its normal position, a yoke



surrounding the pivoted end of the hammer arm, the rigid hammer stop being carried by the yoke, the yoke being capable of being adjusted around the shaft for varying the normal distance of the hammer from the sound device, and a cushion interposed between the hammer arm and the rigid hammer stop.

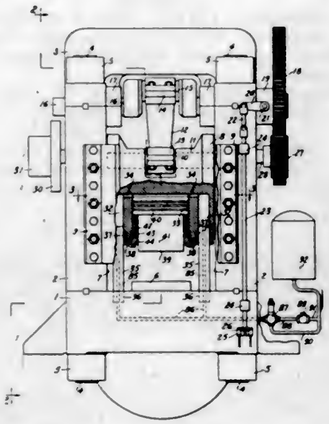
2,128,151
CARTON OPENER
August J. Lurie, Chicago, Ill.
Application June 22, 1937, Serial No. 149,685
3 Claims. (Cl. 30—2)



2. A carton opener including a handle portion, a pair of adjacent clamping walls extending therefrom having a cutting-blade seat defined by corresponding reshaped portions in said pair of walls, with said seat extending diagonally in said walls, a guide flange extending laterally from each wall at a side edge opposite to the handle portion, a cutting blade carried between said walls at said seat with each of said clamping walls having a rectangular aperture therein at the clamping seat portion thereof extending at an angle with the guide flanges corresponding to the angle of the seat portion therewith, and with said cutting blade having a square aperture substantially centrally thereof, and a clamping bolt extending through said apertures having a square shank portion thereon to prevent rotation of the bolt in the rectangular apertures of the seat portions but permit movement over the length of said apertures, and fitting in said square aperture of the cutting blade and acting to prevent rotation of the blade on the shank.

2,128,152
AUXILIARY HYDRAULIC DEVICE FOR PRESSES
Howard F. MacMillin, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware
Application August 16, 1934, Serial No. 740,148
10 Claims. (Cl. 100—70)

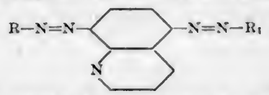
1. In combination in a press, a movable platen, a piston-and-cylinder assembly including a piston member and a cylinder member for generating fluid pressure operated by the motion of said platen, one of said members being associated with said movable platen and the other member being mounted in a substantially stationary position



relative thereto, and a second piston-and-cylinder assembly adapted to be operated by the fluid from said press-operated means, said second piston-and-cylinder assembly being arranged to provide additional pressing movement to that of said platen.

2,128,153
POLYAZO DYESTUFFS
Hans Schindhelm, Frankfort-on-the-Main-Fechenheim, and Carl Theo Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 7, 1936, Serial No. 89,456. In Germany August 3, 1935
2 Claims. (Cl. 260—155)

1. Polyazo dyestuffs of the general formula:

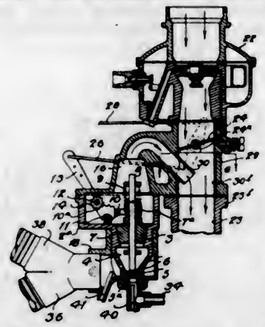


wherein R stands for a radicle of the benzene series which contains in ortho-position to the azo group a hydroxy or substituted hydroxy group and R_1 for the radicle of a 2-amino-5-hydroxynaphthalene-7-sulfonic acid compound which dyestuffs dye the vegetable fibers fast bluish to violet shades and are capable of forming copper complex compounds which are distinguished by an excellent fastness to light.

2,128,154
INTERNAL COMBUSTION ENGINE
Raymond H. Masters, Detroit, Mich.
Application January 11, 1937, Serial No. 119,930
3 Claims. (Cl. 123—119)

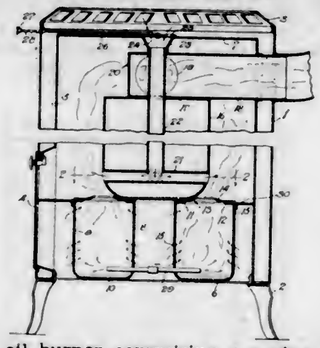
1. In combination, an internal combustion engine having an intake passage, a part adapted to be inserted into said passage having a wall adapted to form a portion of the wall of said passage and having an aperture through its wall, a second part adapted to fit within said first part and having an aperture through its wall adapted to register with the aperture through the wall of the first named part, the aperture

through said second part extending inward in a nipple and in the direction of flow of gas in said



passage and opening at its inner end in the direction of flow of said gas.

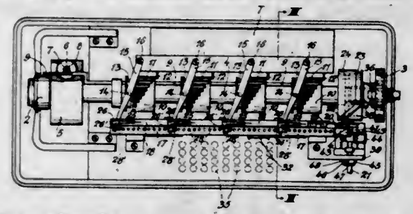
2,128,155
OIL BURNER
Charles J. T. McPherson, Coshocton, Ohio
Application May 24, 1937, Serial No. 144,491
3 Claims. (Cl. 158—91)



1. An oil burner comprising a casing providing a combustion chamber having an open lower air inlet end, an oil receiving fire pot mounted within the casing at the lower end thereof and including perforated concentrically arranged vertical walls providing a central air passage through the pot and an air passage about the pot, means extending inwardly from the upper ends of the walls to provide a restricted flame outlet for the pot, a hollow drum shaped closed flame deflector seated on the pot and closing the upper end of the central air passage, tubular means extending through the flame deflector for introducing air in the path of the flame from the outlet, means for regulating the passage of air through the tubular means, and flue means providing the outlet for the combustion chamber and having lateral inlet openings therein and a closed inner end.

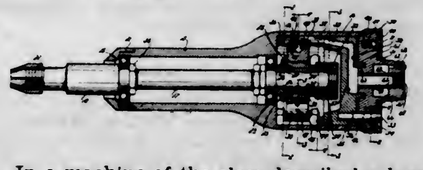
2,128,156
VALUE STAMPING MACHINE
Johan Georg Christian Möller, Oslo, Norway, assignor to Hekla A/S, Oslo, Norway
Application January 8, 1936, Serial No. 58,177
In Norway January 10, 1935
4 Claims. (Cl. 101—91)

1. In a value stamping machine, a drive shaft, a plurality of drums slidably and non-rotatably mounted on said shaft, a printing head rotatable with said shaft, said printing head including type wheels rotatably mounted therein, actuating members for said type wheels arranged side by side along said shaft and connected with the



drums whereby movement of the latter is imparted to said type wheels, and separately movable members connected with said drums for effecting adjustment thereof.

2,128,157
PNEUMATIC TOOL
James A. Monnier and Corning S. Brush, Algonac, Mich.
Application January 28, 1937, Serial No. 122,703
4 Claims. (Cl. 253—2)

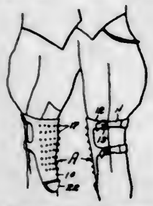


1. In a machine of the class described a housing; a rotatable shaft projected into said housing; a rotor mounted on and rotatable in unison with said shaft; a fluid delivery member embracing said rotor and having a plurality of passages formed therethrough centrally thereof in registration with said rotor and communicating with passages opening through one of its end faces; means for delivering fluid to said passages opening through said end faces, a portion of said fluid delivery member being cut away at opposite sides of said rotor and provided with a cut away portion spanning said rotor for permitting escape of fluids from one side of said rotor.

2,128,158
DEPILATORY
Warren Moore, Bon Air, Va.
No Drawing. Application July 22, 1936, Serial No. 91,991
10 Claims. (Cl. 169—89)

3. A depilatory of salve-like consistency comprising a system of at least one solid phase comprising finely divided material having hydrophilic properties in admixture with at least two liquid phases one dispersed in the other, one of which liquid phases upon application of the depilatory preferentially wets the hair substance and exerts a depilating action thereon which phase comprises an aqueous solution of a depilating agent, and the other of which liquid phases upon application of the depilatory preferentially wets the skin and serves as a protection to the skin which phase comprises a substantially non-toxic and non-irritating liquid lipin solvent compatible with the depilating solution and of limited miscibility therewith and possessing a sufficiently high wetting power and a sufficiently low volatility to spread over the skin rapidly and to remain thereon while the depilatory is in contact with the skin to afford protection of the skin from the irritating action of the depilating agent.

2,128,159
HORSEBACK RIDER'S PAD
Lee C. Morgan, Santa Maria, Calif.
Application July 29, 1936, Serial No. 93,257
Renewed July 13, 1938
1 Claim. (Cl. 36—62)



A horseback rider's pad comprising a body of a size and shape for fitting the inner side of a leg of a wearer either above or below the knee, protuberances at the outer face of said body for gripping engagement with a saddle skirt when contacting therewith, means for fastening such body to the leg, and an abutment formed on and outstanding from the lowermost edge of said body for engagement with the edge adjacent thereto of the skirt of the saddle for aiding in retaining a rider seated in the saddle.

2,128,160
WELL TREATING FLUID
Leo Clark Morgan, Wichita, Kans.
No Drawing. Application August 23, 1937, Serial No. 160,447
4 Claims. (Cl. 166—21)

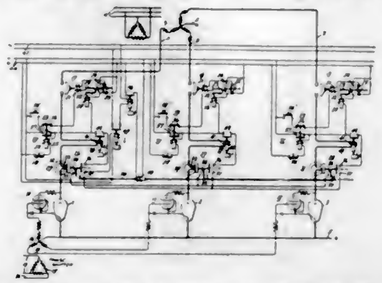
1. A well treating fluid comprising an acid capable of forming water soluble salts with the earth formation, said acid containing a protective colloid capable of maintaining the mud present in an oil well in a suspended and dispersed condition in the presence of strong acids.

2,128,161
WELL TREATING FLUID
Leo Clark Morgan, Wichita, Kans.
No Drawing. Application July 18, 1938, Serial No. 219,829
11 Claims. (Cl. 166—21)

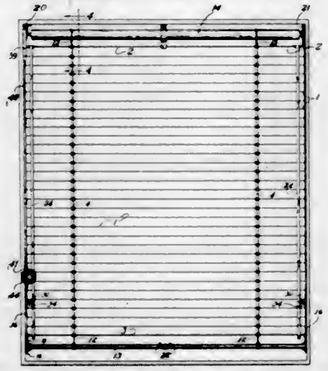
1. A well treating fluid comprising an acid capable of forming a water soluble salt with the earth formation, said acid containing a calcium sequestering agent, whereby to prevent the formation of insoluble calcium salts when said fluid has spent itself in a calcareous earth formation.

2,128,162
ELECTRIC CONTROL SYSTEM
Lysle W. Morton, Schenectady, and Richard G. Lorraine, Scotia, N. Y., assignors to General Electric Company, a corporation of New York
Application August 7, 1936, Serial No. 94,772
7 Claims. (Cl. 175—363)

4. In combination, an alternating current circuit, a direct current circuit, electric translating apparatus interposed between said circuits including a plurality of electric valve means, a plurality of circuit interrupters each associated with a different predetermined one of said electric valve means, a plurality of control circuits each associated with a different one of said circuit interrupters and each comprising a current responsive means having an armature member adapted to be released to initiate an operation to effect energization of the associated circuit interrupter when the associated electric valve means conducts current in a reverse direction and a time delay relay for effecting completion of said operation when said electric valve means conducts current in the reverse direction for a predetermined number of negative half cycles, and means associated with each of said current responsive means for resetting the released armature members after the lapse of a predetermined time.



2,128,163
SPRING CONTROLLED VENETIAN BLIND
Raymond C. Pratt, Chicago, Ill., assignor, by mesne assignments, to H. B. Dodge and Company, Chicago, Ill., a corporation of Illinois
Application July 21, 1932, Serial No. 623,802
Renewed December 5, 1934
10 Claims. (Cl. 156—17)

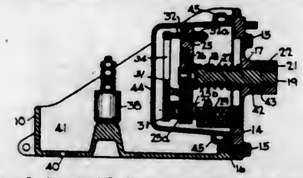


1. The combination with a Venetian blind, of rigid holding bars extending lengthwise thereof on opposite sides thereof, and means to hold said bars stationary and in contact with the slats of the blind in all of the various angular positions of the slats.

2,128,164
RAIL OPERATED CIRCUIT CONTROLLER
Frank H. Richterkessing, Louisville, Ky., assignor to Nachod & United States Signal Company, Incorporated, Louisville, Ky., a corporation of Kentucky
Continuation of application Serial No. 617,506, June 16, 1932. This application February 28, 1938, Serial No. 193,180
15 Claims. (Cl. 200—52)

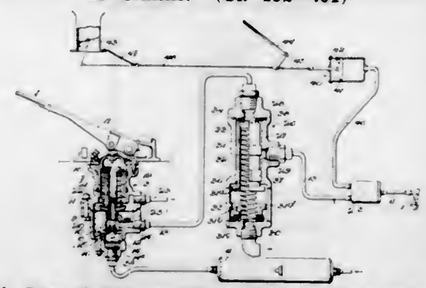
1. A switch instrument comprising, a stationary support (**10**, **14**); a rotatable means (**19—22**) mounted on said support; a base (**25**) mounted on said means and rotatable therewith; a contact (**32**) fixed to said base at one side of the axis of rotation of said base; said base having an aperture (**25***a*) therein at the opposite side

of the said axis of rotation; a stationary member (**28**) fixed to said support and projected through said aperture; an arm (**31**) pivotally attached to said member, and carrying a contact (**33**) for engaging said fixed contact (**32**); a pin



(**25***b*) fixed to said base, and operatively associated with said arm between the pivot thereof and said axis of rotation, whereby rotation of said base in one or the opposite direction moves said fixed contact and arm-carried contact toward or away from each other, respectively.

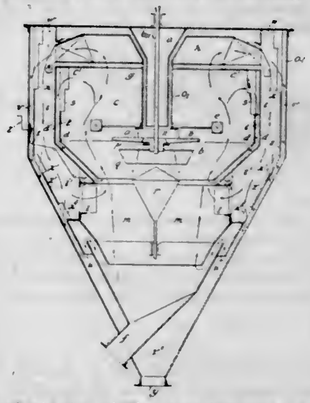
2,128,165
VEHICLE CONTROL MECHANISM
Roy S. Sanford, New York, N. Y., and William J. Andres, Pittsburgh, Pa., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application March 11, 1936, Serial No. 68,324
13 Claims. (Cl. 192—.01)



1. In a clutch control mechanism for a vehicle clutch-controlling member, a fluid motor operatively connected with said member, a reservoir of fluid pressure, a manually-operable valve mechanism for graduating the flow of fluid from said reservoir, a conduit connecting said motor and valve mechanism, and valve means associated with said conduit for controlling the flow of fluid to said motor, said valve means moving from closed to full open position only when the pressure of the fluid reaches a value almost sufficient to effect complete clutch-disengaging movement of said motor.

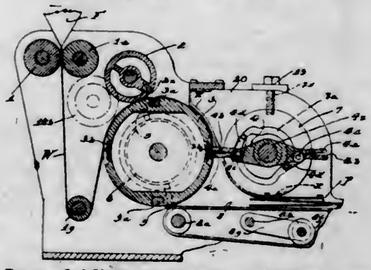
2,128,166
CENTRIFUGAL SEPARATOR
Theo Schmidt, Dortmund, Germany, assignor to G. Polysius, Aktiengesellschaft, Dessau, Germany
Application September 3, 1935, Serial No. 38,879½
In Germany September 13, 1934
9 Claims. (Cl. 209—139)

1. In apparatus for separating solid material from suspension in a gas, a double-walled housing, a second double-walled housing surrounding said first housing, means for effecting movement of the material laden gas upwardly through said first housing in a generally helical path, thence downwardly between said housings in a generally helical path, stationary means extending into the path of the gas for diverting the outer peripheral strata of the gas within said first housing to the space between the walls of said housing, and stationary means extending into the path of the gas for diverting the outer



peripheral strata of the gas between said housings to the space between the walls of said second housing.

2,128,167
FOLDER
Godfrey H. Schmidt and Herbert C. Behrens, Battle Creek, Mich., assignors to Duplex Printing Press Company, Battle Creek, Mich., a corporation of Michigan
Application February 27, 1937, Serial No. 128,259
26 Claims. (Cl. 270—71)

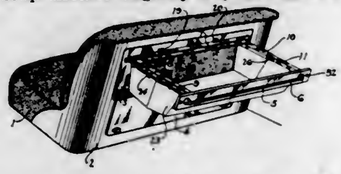


1. In a folding mechanism having male and female cutting cylinders, the female cutting cylinder being provided with diametrically disposed tucker bars adapted to engage the center of a severed sheet carried by the cylinder, a rotatable member adjacent the cylinder, clamping jaws carried by said member adapted to grip the center of the cut sheet on the cylinder when in position opposite the tucker bar and withdraw the sheet from the cylinder and deliver it folded end first; and means for adjusting the gripping action of the jaws on the tucker bar.

2,128,168
AUTOMOBILE CRIB CONSTRUCTION
Hugo O. Schulz, Grantwood, N. J.
Application July 1, 1937, Serial No. 151,387
7 Claims. (Cl. 5—94)

1. A collapsible crib for attachment to the wall of an automobile seat, comprising a substantially rectangular frame structure for supporting a carrier, means for mounting said frame structure upon the wall of said seat, said frame structure including longitudinal members and side members, each of the side members comprising a pair of arms pivoted to each other and pivoted at their opposite ends to the longitudinal members, stop

means to limit outward swinging movement of the side arms relative to one of the longitudinal members, and spring means urging and maintaining said arms in an extended position limited by the stop means slightly beyond direct alignment thereby to prevent their collapse when the longitudinal members are subjected to inward forces, said rectangular frame structure having sufficient flexibility in the side members at their pivotal connections to allow side sway of the frame.

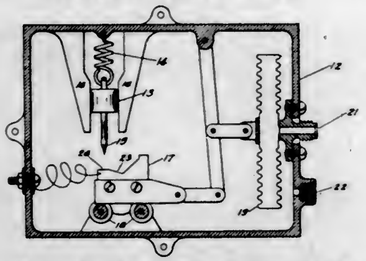


2,128,169

SAFETY INDICATOR FOR AIRPLANES

Francis R. Shanley, Takoma Park, Md., assignor to the Government of the United States of America, as represented by the Secretary of the Navy

Application June 29, 1932, Serial No. 620,033
12 Claims. (Cl. 177—311)



1. A device for indicating during the flight of an airplane the approach and the existence of any flight condition characterized by certain predetermined combinations of the variables of acceleration acting on the airplane in a direction substantially perpendicular to the lifting surfaces of the airplane and the dynamic pressure due to the velocity of the airplane through the air comprising, an index, means for moving said index along a fixed path and with respect to a zero position in response to the variations in the actual value of one of said variables, a second index movable along substantially the same path as the first index, the position of the second index with respect to the zero position of the first index representing to the scale of motion of the first index the value of the first variable which in conjunction with the existing value of the second variable will produce one of said predetermined combinations, and means for moving said second index in response to the variations in the actual value of the second variable, the relative position of said indices indicating the relationship between the actual value of the first variable and that value of the first variable required to produce one of said predetermined combinations of acceleration and dynamic pressure.

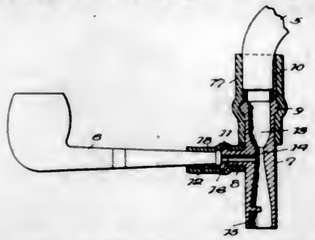
2,128,170

ARTICLE FOR BREAKING IN TOBACCO PIPES

Harold W. Stull, Washington, D. C.

Application January 9, 1936, Serial No. 58,348
1 Claim. (Cl. 131—59)

An article for breaking in smoking pipes consisting of a tubular body for engagement with a liquid supply member, said body including a communicating pipe stem engaging extension, a flexible coupling for engaging said body with the supply member, a flexible coupling for engaging said extension with a pipe stem, and a finger extending from said housing and from said extension for engagement into said couplings and with said supply member and pipe stem.

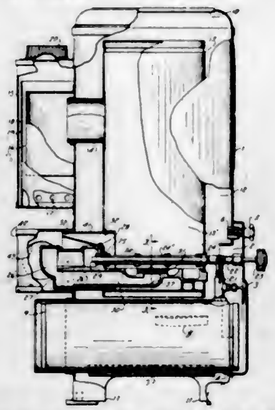


2,128,171

CIRCULATING HEATER

Boyd W. Tullis, Wichita, Kans., assignor to The Coleman Lamp and Stove Company, Wichita, Kans., a corporation of Kansas

Application June 3, 1937, Serial No. 146,230
8 Claims. (Cl. 126—95)



1. A circulating heater including a casing having a tank insert opening, a heating drum within the casing, a burner supported in the heating drum, a tank guide located below the drum in alignment with said opening, a tank removably supported in said guide, and a vaporizing generator connected with the tank and having a discharge end arranged to deliver vapor into the burner, said tank and generator being insertable through said opening.

2,128,172

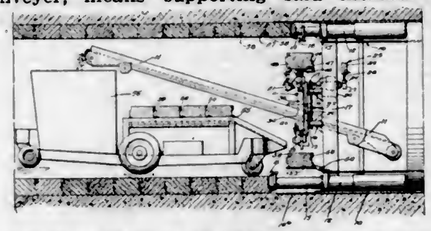
BLOCK PLACING APPARATUS

Arthur W. Warner, Media, and Roscoe F. Ballard, Chester, Pa., assignors to Tunnel and Mine Machinery Company, Philadelphia, Pa., a corporation of New Jersey

Application June 23, 1936, Serial No. 86,864
7 Claims. (Cl. 61—84)

1. Block-placing apparatus for use in tunneling apparatus comprising a shield having an annular series of circumferentially spaced jacks at its rear ends and a spoils conveyer projecting through said jack series and disposed at the rear

end of the shield approximately axially thereof, said block-placing apparatus comprising a rotatable member surrounding the tunnel axis and having an opening for the passage of the spoils conveyer, means supporting said member in axially fixed relation to the shield, a radially and axially movable clamp carried by said member, means to radially move the clamp, means to actuate the clamp to open and close the same, and means to rotate said member.

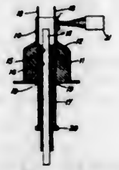


2,128,173

METHOD OF MAKING STEMS FOR SEALED ELECTRICAL DEVICES

Arthur J. White, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York

Application November 27, 1937, Serial No. 176,909
3 Claims. (Cl. 176—7)



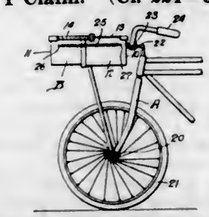
2. The method of making a stem for an electric lamp or similar device which comprises assembling a stem tube, lead-in wires, and an exhaust tube in a vertical position with the exhaust tube inside of the stem tube, the upper end of said exhaust tube being located below the upper end of said stem tube and the lead-in wires extending longitudinally of said tubes, fusing the upper end of said stem tube to cause it to flow freely downward and form a solid mass of glass inclosing a portion of said lead-in wires and forming a comparatively thin layer over the end of said exhaust tube to close it off, and delivering gas pressure through said exhaust tube to blow an aperture axially through said mass of glass.

2,128,174

BASKET

George H. Smith, Elmhurst, Ill.

Application January 9, 1937, Serial No. 119,866
1 Claim. (Cl. 224—36)



A basket for a bicycle having a front turning fork and handle bars comprising a sheet metal two-part body having an open top, the parts being telescopically related to each other, outturned laterally directed flanges formed at opposite sides of the parts at the open top, guides slidably accommodating the said flanges and bent successively outwardly, downwardly and inwardly from the top edge of one of the parts, one of the parts being provided with spaced parallel slots at the bottom of the body, fasteners received in said slots, a cross strip underlying the bottom of the other part and receiving said fasteners, supports adjustably connected with the fork and supporting said body, loops fixed to the body adjacent to the handle bar and engaged with the latter, and coiled springs outside of the body at opposite sides thereof and connected respectively to the parts of said body for allowing extension or contraction of these parts.

2,128,175

FUMIGATION

John M. Baer, Chicago, Ill., assignor to The Guardite Corporation, a corporation of Illinois

No Drawing. Application February 19, 1937, Serial No. 126,705
6 Claims. (Cl. 99—216)

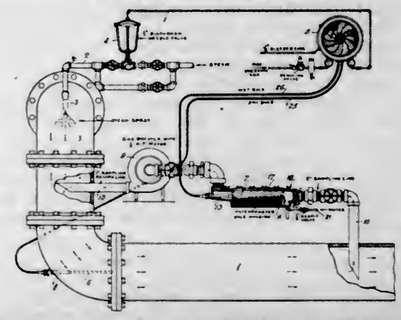
1. The method of accelerating the fumigation of an insect-infested product in bulk, which consists essentially of removing substantially all noncondensible gas from the product and then treating the insect-infested product with steam to produce a temperature of not more than approximately 100 to 130° F. and maintaining the temperature at this range from approximately 20 to 0 minutes, the higher temperature corresponding to the lower time, whereby the product is substantially freed from insect infestations.

2,128,176

APPARATUS FOR MAINTAINING SELECTED DIFFERENTIAL VALUES

Frank J. Bast, deceased, late of Queens Village, New York, N. Y., by Katherine Bast, executrix, Queens Village, New York, N. Y., and Rolf A. F. Sandberg, Brooklyn, N. Y., assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a corporation of New York

Application June 23, 1934, Serial No. 732,124
4 Claims. (Cl. 236—44)



1. Apparatus for maintaining a substantially constant wet and dry bulb temperature differential in a body of gas, comprising a conduit for conducting a gas to a place of storage or use, means for introducing into the conduit a controlled quantity of vapor, wet and dry bulb mechanism for determining the degree of saturation of the gas with said vapor, said mechanism comprising a thermostatic bulb disposed in said conduit, a by-pass for diverting a portion of said gas stream, said by-pass including a housing

having an inlet and an outlet opening, a well in said housing, means for feeding water to said well, an overflow in said housing to maintain the water level in said well at a predetermined height, a thermostatic bulb mounted in said housing, a wick surrounding said bulb and depending therefrom into the water in said well, means for causing the diverted gas to flow through said housing and over said wet bulb at a velocity greater than that of the gases in the conduit to obtain an increased psychromatic effect, and mechanism controlled by the differential movements of said wet and dry bulb mechanism for controlling said vapor introducing means to cause the latter to feed so much vapor into the conduit as will maintain the depression of the wet bulb temperature at substantially the predetermined value.

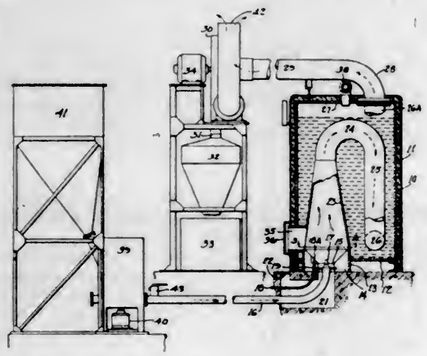
2,128,177

APPARATUS FOR BURNING PULVERIZED FUEL

Haskell C. Carter, Portland, Oreg., assignor to Iron Fireman Manufacturing Company, Portland, Oreg.

Application December 18, 1934, Serial No. 758,051

1 Claim. (Cl. 110—28)



In an apparatus for burning powdered fuel, the combination of a firebox having an elongated combustion chamber associated therewith, an exhaust fan for drawing the products of combustion from the combustion chamber whereby the pressure within the combustion chamber may be reduced below that of the surrounding atmosphere and a powdered fuel feeder open to the atmosphere on one side and discharging into said firebox on the opposite side whereby powdered fuel may be drawn into said firebox by the same fan which removes the products of combustion therefrom.

2,128,178

PROCESS FOR THE CHLORINATION OF AMINOANTHRAQUINONE COMPOUNDS

William Dettwyler, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 23, 1936, Serial No. 112,353

3 Claims. (Cl. 260—381)

1. In the process for preparing chlorinated primary aminoanthraquinone compounds, the step which comprises carrying out the chlorination in sulfuric acid of a concentration of from 45 to 55%.

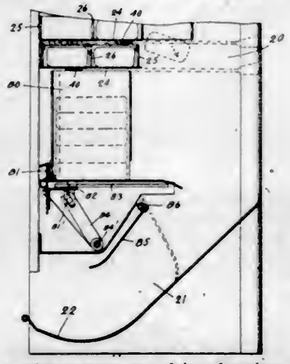
2,128,179

DISPENSING MACHINE

Francis C. Du Grenier, Haverhill, Mass., assignor of one-half to Blanche E. Bouchard, Haverhill, Mass.

Application July 22, 1937, Serial No. 155,033

13 Claims. (Cl. 312—95)



10. In a dispensing machine having a vertically disposed series of package containers each having a front and rear compartment, an ejector arranged for adjustment into operative relation with any one of said containers, means for operating said ejector and means to control the operation thereof, when set in operative relation with any one of said containers, to deliver a package from the corresponding rear compartment on the first operation thereof and to deliver a package from the front compartment on a subsequent operation thereof when set in the same position.

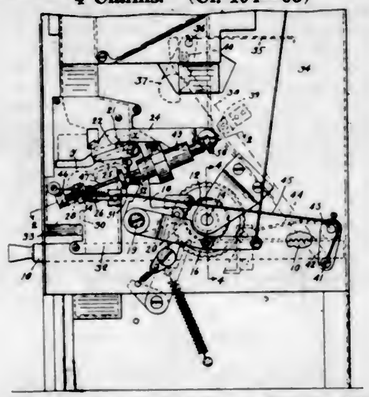
2,128,180

COIN CONTROLLED APPARATUS FOR DISPENSING MACHINES

Francis C. Du Grenier, Haverhill, Mass., assignor of one-half to Blanche E. Bouchard, Haverhill, Mass.

Application July 22, 1937, Serial No. 155,034

4 Claims. (Cl. 194—63)



1. In a coin controlled dispensing machine having coin-retaining and coin-returning passages with the entrances thereto arranged adjacent each other, an operating device for dispensing a package when moved from its initial position, coin-released locking means normally acting to prevent operative movement of said device, a support arranged to receive a coin when inserted, means arranged to be actuated by said operating device to move the coin from said support to release said locking means and deliver the coin to one of said passages, a pair of dogs arranged to support the coin at the entrance to said passages when delivered thereto, and so arranged that when either is moved from its supporting position the coin will be delivered to the corresponding passage, controlling means for one of said dogs arranged to be moved from coin-supporting position by a package when dispensed, to discharge the coin into the coin-retaining passage, and means for moving the other dog into coin-supporting position when said operating device is moved from initial position and for moving it from coin-supporting position when said device is returned to initial position.

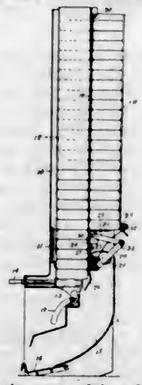
2,128,181

DISPENSING MACHINE

Francis C. Du Grenier, Haverhill, Mass., assignor of one-half to Blanche E. Bouchard, Haverhill, Mass.

Application December 1, 1937, Serial No. 177,423

4 Claims. (Cl. 312—67)



1. In a dispensing machine having a vertically disposed fixed main compartment adapted to contain a stack of packages and a reciprocally movable ejector arranged when moved inwardly to deliver the packages successively from the bottom of the stack in the rear thereof, a supplemental package receiving compartment open at its lower end and arranged in the rear of said main compartment, a fixed support beneath said supplemental compartment for normally sustaining the packages therein, supporting means for said supplemental compartment permitting forward movement thereof into position to discharge the packages therein into the lower portion of said main compartment, means normally acting to move said supplemental compartment into said discharging position and normally restrained by the packages in the main compartment, and means arranged to be actuated by the ejector as it delivers a package from the bottom of the main compartment to move said supplemental compartment rearwardly sufficiently to disengage it from the packages in the main compartment and permit the packages therein to move downward.

2,128,182

METHOD OF PURIFYING TETRAPHOSPHORIC ACID

Augustus H. Fiske, Warren, R. I., assignor to Rumford Chemical Works, Rumford, R. I., a corporation of Rhode Island

No Drawing. Application May 11, 1937, Serial No. 142,058

2 Claims. (Cl. 23—165)

2. In the process of purifying tetraphosphoric acid containing pyrophosphoric acid as an impurity, that step which consists in changing the pyrophosphoric acid to tetraphosphoric acid by heating the same to a temperature and for a sufficient length of time to eliminate water in the proportion of one molecule of water from every two molecules of the pyrophosphoric acid.

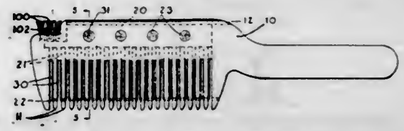
2,128,183

FOUNTAIN COMB

Charles M. Hickey, New York, N. Y.

Application November 13, 1936, Serial No. 110,608

12 Claims. (Cl. 132—13)



1. A device for treating and applying liquids to the hair and scalp comprising a toothed combing member, a plurality of wicks of material having the power of capillary attraction individually associated with respective teeth of said comb, a liquid supply member, and means positioned between said supply member and said wicks for conducting liquid from said supply chamber to said wicks.

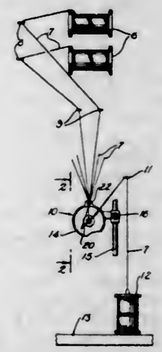
2,128,184

FEED FOR SPINNING MACHINES

John H. Jewett, Jr., Lyons, N. Y.

Application January 22, 1936, Serial No. 60,206

17 Claims. (Cl. 117—22)



1. A strand feeding device comprising a plurality of strand receiving and feeding elements carried by a single, continuously rotatable shaft, said elements being both rotatable and positioned off center with relation to the axis of the shaft to vary the rate of feed of the strands to a spinning device.

2,128,185

FEED FOR SPINNING MACHINES AND METHOD OF USE

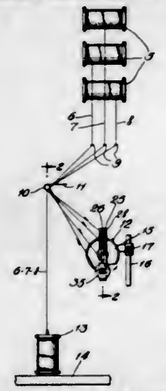
John H. Jewett, Jr., Lyons, N. Y.

Application April 15, 1936, Serial No. 74,575

13 Claims. (Cl. 117—22)

1. A strand feeding device comprising a single, continuously rotatable member, a plurality of

independent strand feeding means operable from

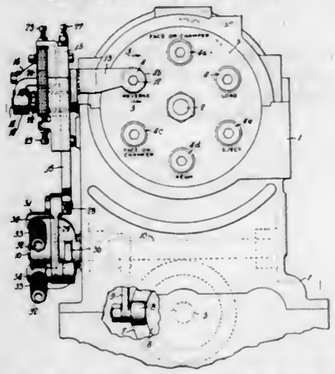


the rotatable member and means to adjust the strand feeding means to vary the feed of strands.

2,128,186
BLANK REVERSING AND SHAPING MECHANISM

Harry B. Jones, Tonawanda, N. Y., assignor to Buffalo Bolt Company, North Tonawanda, N. Y., a corporation of New York

Application August 13, 1937, Serial No. 158,872
13 Claims. (Cl. 10—72)

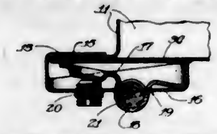


13. A nut blank shaping machine of the type wherein a holder presents each blank endwise to devices for performing a series of operations thereon, and the holder is stationary during each operation and is provided with means for axially ejecting a blank therefrom when stationary; and, in combination therewith, a rotary holder adapted to receive blanks from the stationary holder through one end, and have them pushed out through the other end; means to move the rotary holder away from the stationary holder, and rotate it in the plane of its axis, to axial alignment with means for ejecting the blank through said other end; said means for moving the rotary holder including a shaft mounted to rotate in planes parallel with the axis of said stationary holder, on which shaft said rotary holder is eccentrically mounted; means for moving the shaft including a slide in which said shaft is rotatably mounted and means for reciprocating said slide parallel with the plane of rotation of said shaft; and means for rotating the shaft including a gear mounted on said shaft, meshing with and rolling on a stationary rack parallel with the slide; and means for determining the beginning, end, and length of the reciprocations of the slide include stationary adjustable stops, one at each end of the slide; and said means for reciprocating the slide including positively actuated driving means adapted to reciprocate the slide through a range greater than that permitted by the stops, and an interposed spring-coupling permitting stoppage of the slide when it contacts with either of said stops.

2,128,187
REAR VIEW MIRROR AND MOUNTING MEANS THEREFOR

Andrew D. Kondrath, Chicago, Ill., assignor to American Automatic Devices Co., Chicago, Ill., a corporation of Illinois

Application October 25, 1937, Serial No. 170,756
4 Claims. (Cl. 248—229)



4. In an adjustable mounting device for a mirror and the like, the combination of a bracket comprising two plates in spaced relation opposite to each other and connected at their edges in the form of a channel adapted for mounting on the edge of a support, a bearing plate having one end portion located inside of the channel in position to bear against the face of the support upon which the channel is mounted and having a portion at its opposite end in outwardly spaced relation to one of said channel plates and shaped so as to provide a socket by cooperation with said channel plate, an arm having a turned end portion extending into said socket for pivotally mounting the arm on said bracket, and adjustable means carried by said bracket for applying heavy pressure on the face of said bearing plate for tightening said socket about said arm and tightening the bearing plate against the face of the support upon which the channel is mounted.

2,128,188
AZO DYESTUFFS AND THEIR MANUFACTURE

Adolf Krebser, Riehen, near Basel, Switzerland, assignor to the firm J. R. Geigy S. A., Basel, Switzerland.

No Drawing. Application May 1, 1937, Serial No. 140,270. In Germany May 6, 1936
14 Claims. (Cl. 260—200)

8. Ortho-hydroxyazo dyestuffs from an ortho-hydroxy-diazonium compound of the benzene series and a member of the group consisting of the N-alkyl-, N-aralkyl-, N-aryl-derivatives of 2-amino-6-hydroxynaphthalene-8-sulphonic acid, said dyestuffs yielding dyeings which, when chromed, have remarkable fastness properties.

2,128,189
MOTHPROOFING FABRICS

Lindley E. Mills and William W. Allen, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

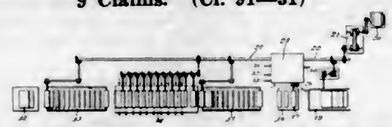
No Drawing. Application October 16, 1937, Serial No. 169,471
5 Claims. (Cl. 21—5)

1. A process for mothproofing woolen fabrics and other materials subject to attack by moths which comprises treating such material with mono-phenyl-di-(ortho-xenyl)-phosphate.

2,128,190
MACHINE FOR PRODUCING COATED MATERIAL

Ralph W. B. Reade, Winnetka, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois

Application November 28, 1934, Serial No. 755,118
9 Claims. (Cl. 91—31)



6. A machine for producing coated sheet material, comprising means for applying a coating substance to a sheet, roller means engaging the sheet thus coated, means for advancing the sheet in contact with the roller means independently of the operation of the latter, and means for rotatively driving the roller means at a peripheral speed in excess of the rate at which the sheet is being advanced, and in the same direction therewith, to produce a desired surface effect on said coated material.

2,128,191
ROOFING

Frank P. Reynolds, East Walpole, Mass., assignor to Bird & Son, Inc., East Walpole, Mass., a corporation of Massachusetts

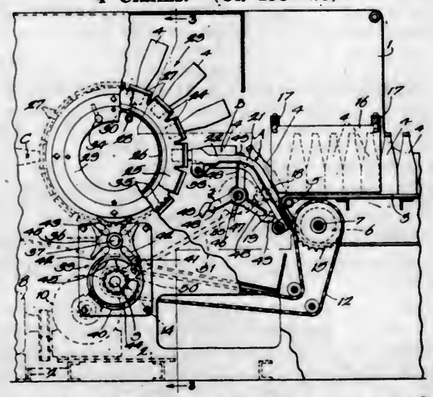
No Drawing. Application June 19, 1937, Serial No. 149,249
4 Claims. (Cl. 91—68)

1. In ornamental roofing of the class described, an asphalt-saturated felt base, a layer of asphalt on the back side of said base, a bonding layer of asphalt on the upper surface of said base, a uniform layer of exposed hydro-carbon oil-treated mineral granules directly attached to said bonding layer of asphalt through the medium of an asphaltic bond fluxed by a hydrocarbon oil, and a hardened, substantially colorless, water-soluble fugitive coating upon the weather-exposed surfaces only of said granules.

2,128,192
CONTAINER LOADING APPARATUS

Ivan H. Risser, Chicago, Ill., assignor to U. S. Bottlers Machinery Company, Chicago, Ill., a corporation of Illinois

Application May 3, 1937, Serial No. 140,281
4 Claims. (Cl. 198—25)

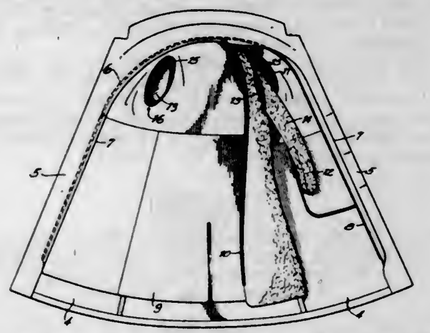


1. The combination with a conveyor including a series of interconnected container-neck-receiving pockets arranged for movement to successively receive the containers in reclining position at a loading station and then convey same into inverted position with means to intermittently advance the pockets to said station, of means for feeding the containers into the pockets when at said station including a movable container-transporting member with a plurality of serially arranged container-bottom-engaging portions with the member being arranged for movement so that its portions are capable of being intermittently advanced into a position at the loading station to force a container into a pocket and confine the container from endwise movement in the pocket until it has been advanced from the station to invert the container, and means for operating the member to intermittently advance the engaging portions.

2,128,193
OVERCOAT

Conrad B. Shane, Wilmette, Ill., assignor to C. B. Shane Corporation, Chicago, Ill., a corporation of Illinois

Application February 4, 1938, Serial No. 188,658
6 Claims. (Cl. 2—97)



1. In an outer garment, the combination of a sleeved coat, a body lining fitted within the coat, a detachable connection between the body lining and coat extending in a line over the two shoulders and past the neck therebetween, a pair of sleeve linings, and an extended detachable connection between each sleeve lining and the body lining disposed in a line over the shoulder in proximity to the detachable connection line between the body lining and coat.

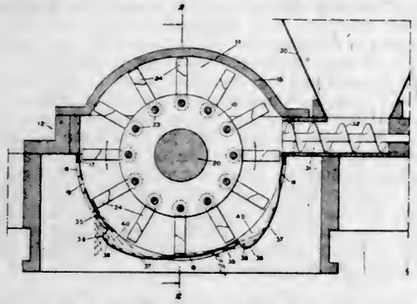
2,128,194
REDUCING MILL

William M. Sheldon, Roselle Park, N. J., assignor to Louis Ruprecht, Montclair, N. J.

Application June 12, 1935, Serial No. 26,143
1 Claim. (Cl. 83—11)

A machine of the class described, comprising a casing providing a cylindrical mill chamber having a material inlet opening, and a high speed rotor mounted within the chamber having a plurality of circumferentially spaced beaters, said machine having a discharge opening in the peripheral wall of the chamber extending substantially the full length of the chamber, that portion of said wall which is adjacent the near edge of the discharge opening being substantially concentric with the path of movement of the beaters, and the far edge of the discharge opening being spaced circumferentially from the near edge thereof and being spaced radially outward from the near edge thereof a distance not more than

about half of the circumferential width of the opening, and the inner surface of the chamber wall sloping inward beyond the far edge of the



opening at a small angle such that the particles which jump the opening and reach said surface are directed inward and forward to reenter the path of movement of the beaters.

2,128,195

AMINO-NITRO-CYCLOHEXYL-PHENOLS

Frank B. Smith, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application March 20, 1937, Serial No. 132,083

5 Claims. (Cl. 260—575)

1. An amino-nitro-cyclohexyl-phenol wherein the amino and nitro groups are attached to the benzene ring.

2,128,196

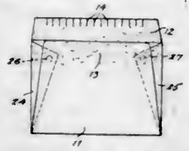
ENVELOPE

Max Vogel, Frankfort-on-the-Main, Germany

Application August 5, 1935, Serial No. 34,798

In Great Britain February 2, 1935

2 Claims. (Cl. 229—81)



1. In an envelope, means for securing the closure, effected by means of superimposed dry adhesive surfaces, said surfaces each comprising an elastic substance, the substance upon one surface adapted to adhere firmly with the substance upon the other surface without moistening when said surfaces are juxtaposed, at least one of said dry adhesive surfaces being provided with incisions which prior to juxtaposition of said surfaces are kept closed by the adhesive substance forming an elastic bridge between the edges of said incisions whereby upon separation said edges are brought back together by said elastic bridge and are additionally held closed by joining of the other adhesive surface with the adhesive bridging said incisions upon said juxtaposition.

2,128,197

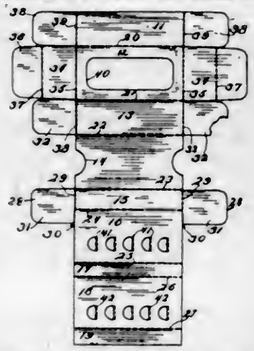
BOX OR CARTON AND BLANK THEREFOR

William H. Weil, Hollis, N. Y., assignor to Stransky Products Corporation, New York, N. Y., a corporation of New York

Application October 3, 1936, Serial No. 103,827

2 Claims. (Cl. 206—44)

1. A box blank, of somewhat stiff sheet material, comprising at least two panels connected by a fold line and of relatively different breadths transversely of the fold line and of substantially the same lengths, flaps foldably connected with the opposite ends of the smaller panel by fold lines to adapt them to be folded toward such panel, the blank being incised along lines aligned with such flap fold lines and up to the panel connecting fold line for a distance much less than the said breadth of the larger panels, and the incisions defining a greater breadth for the flaps



than the breadth of the smaller panel, the larger panel adapted for supporting articles, and covering means adapted to closely enwrap, surround and secure therein the two panels and the flaps in such position that the panels extend at an angle to each other and the flaps extend at an angle to the panels, the breadth of such flaps being such as to approximately define the distance between the bottom and the top of the covering means.

2,128,198

22,23-DIHYDROERGOSTEROL AND MANUFACTURE THEREOF

Adolf Windaus, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application March 19, 1937, Serial No. 131,778. In Germany December 9, 1933

4 Claims. (Cl. 260—397)

1. The process which comprises subjecting an ergosterol compound selected from the group consisting of addition compounds of ergosterol and addition compounds of its esters with an ethylene-cis-dicarboxylic acid anhydride to catalytic hydrogenation until 1 mol. of hydrogen has been taken up, splitting the addition compound of the hydrogenation product formed by thermal decomposition and distilling in high vacuo.

2,128,199

ANTIRACHITICALLY ACTIVE PRODUCT

Adolf Windaus, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application March 19, 1937, Serial No. 131,779. In Germany December 9, 1933

2 Claims. (Cl. 260—397)

1. The antirachitically active product obtained by ultra violet irradiation of 22,23-dihydroergosterol.

2,128,200

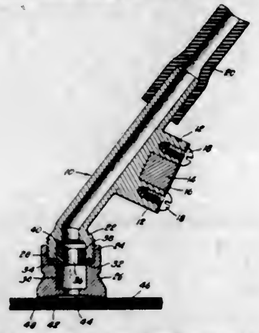
METAL SUCTION TIP

Harry Bedford Allen, Highland Park, Mich.

Application September 30, 1936, Serial No. 103,441

3 Claims. (Cl. 294—64)

1. A suction tip comprising a rigid body having a sheet engaging face of concave configuration, said body being provided with a suction opening communicating with said concavity, said



concavity being of a larger area than the cross sectional area of said opening and constituting a backing for relatively thin sheet material.

2,128,201

PROCESS OF PREPARING COMPOUNDS OF AZOPROTEINS WITH HEAVY METALS

Max Bockmühl, Willy Ludwig, and Paul von Mutzenbecher, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application August 18, 1936, Serial No. 96,698. In Germany December 7, 1934

3 Claims. (Cl. 260—113)

1. Process of preparing compounds from azoproteins and heavy metals which comprises diazotizing an amine of the benzene series, coupling the diazotate with albumin and causing the product thus obtained to react with a heavy metal compound.

2,128,202

PROCESS OF PREPARING COMPOUNDS OF AZOPROTEINS WITH ANTIMONY

Max Bockmühl, Willy Ludwig, and Paul von Mutzenbecher, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application August 18, 1936, Serial No. 96,699. In Germany December 7, 1934

3 Claims. (Cl. 260—113)

1. Process of preparing compounds from azoproteins and antimony which comprises diazotizing an amine of the benzene series, coupling the diazotate with albumin and causing the product thus obtained to react with an antimony compound.

2,128,203

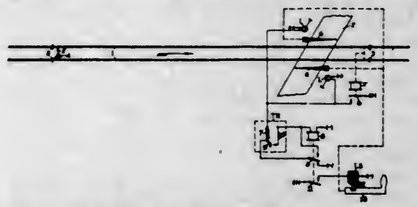
HIGHWAY CROSSING SIGNAL SYSTEM

Cyril H. Dorschel, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application November 14, 1936, Serial No. 110,867

1 Claim. (Cl. 246—130)

In a highway crossing signal system, in combination, a highway crossing a railway track, a visual signal, a crossing gate, manually operable means for controlling the gate, a track circuit adjacent the crossing and including a track relay, a stick relay, a thermal time element relay, means rendering the manually operable gate control means inoperative except while the stick relay is in attracted position, an energizing circuit for the signal including a back point of the track relay, an energizing circuit for the thermal relay, including a back point of the track relay and a back point of the stick relay in series, for initiating operation of the thermal relay to cause it to close its front point a predetermined time interval



following its energization, a pick up circuit for the stick relay including a front point of the thermal relay and a stick circuit including a back point of the track relay and controlled solely by the track relay, and a circuit closed upon the picking up of the stick relay and operative to render the manually operable gate control means operative.

2,128,204

OVERSHOE

Ernest W. Dunbar, Hudson, Mass., assignor to Cambridge Rubber Co., Cambridge, Mass., a corporation of Massachusetts

Application July 9, 1936, Serial No. 89,757

2 Claims. (Cl. 36—7.3)



1. An overshoe including a top portion adapted to encircle the wearer's ankle, a fur trimming extending around and secured over the upper edge of said top and forming a folding line at substantially the junction of the trimming with the top portion, said top being adjustable into an upper position in which the trimming hugs the wearer's ankle, a lower position in which the top is folded over to form a turned-down cuff, and also into a third position intermediate said upper and lower positions, the top of said shoe being capable of maintaining itself in any of said positions into which it may be adjusted.

2,128,205

SNUBBING DEVICE FOR THREE-POSITION RELAYS

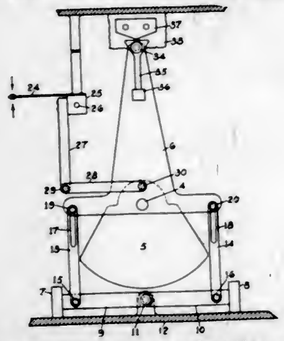
Oscar S. Field, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application February 1, 1935, Serial No. 4,590

10 Claims. (Cl. 200—87)

1. In a centering means for a three-position relay armature or the like, in combination with a pivoted armature shaft biased to a center position from operated positions either side of the center position, an upwardly extending arm carried by the shaft, a wedge-shaped stationary member positioned above the center position of the arm, a pendulum-like member pivotably carried at the upper end of the arm, and lugs extending horizontally from the pendulum-like

member and operable into positions coacting with the stationary member by a response of the



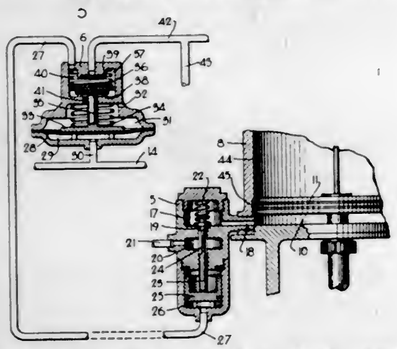
pendulum-like member to acceleration of the arm toward its center position.

2,128,206

AUTOMATIC DRAINAGE APPARATUS

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application February 27, 1937, Serial No. 128,087
13 Claims. (Cl. 230—1)



1. The combination with a fluid receiving chamber connected to a drainage communication through which condensate which may accumulate in the chamber may drain, valve means normally closing said communication and being operative to open the communication, automatically operative means for controlling the operation of said valve means, said automatically operative means being subject to fluid under pressure normally supplied thereto for rendering said valve means ineffective to open said communication and being automatically operative, when the supply of fluid under pressure thereto is cut off, to effect the operation of said valve means to open the communication, and means operative to cut off the supply of fluid under pressure to said automatically operative means.

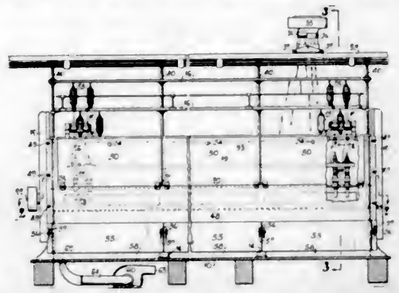
2,128,207

TEXTILE MACHINERY CLEANING APPARATUS

William B. Hodge, Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass., a corporation of Massachusetts

Application May 23, 1938, Serial No. 209,545
6 Claims. (Cl. 118—19)

1. In a fiber drawing machine having a framework and a roll stand board substantially covering the top of the framework and having a cylinder and rotary package holders driven by the cylinder for receiving yarn being processed on the machine, means enclosing the sides of the machine from a point substantially level with the roll stand board to within a short distance of the bottom of the machine, a plurality of fans mounted on the cylinder for creating drafts of air moving towards one end of the machine for removing lint and other particles from the por-



tions of the machine disposed below the roll stand board, and suction means communicating with the interior of the machine for withdrawing removed lint from beneath the machine and for creating an inwardly moving draft from the exterior of the machine to the interior thereof through the slots appearing below the lower edge of the encasing means to thereby cause lint and other particles on the floor adjacent the sides of the machine to be drawn beneath the machine and into said suction means.

2,128,208

ALKOXY DERIVATIVES OF METHACRYLIC ACID ESTERS AND METHOD OF PRODUCING THEM

Ralph A. Jacobson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 27, 1937, Serial No. 128,228
12 Claims. (Cl. 260—49.1)

1. In a process for the preparation of alkoxy derivatives of metnacrylic acid esters, the steps which comprise reacting an aliphatic monohydric alcohol containing less than 9 carbon atoms with a monomeric ester of methacrylic acid in the presence of an alkali metal and a compound selected from the group consisting of partially oxidized pinene, aged paralydehyde, and ascaridole and subsequently isolating the alkoxy derivatives of the methacrylic acid ester from the reaction products.

2,128,209

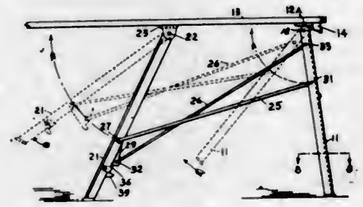
FOLDING TABLE

Udo K. Johannsen, Cortland, N. Y., assignor to The Brewer-Titchener Corporation, Cortland, N. Y., a corporation of New York

Original application February 28, 1936, Serial No. 66,193. Divided and this application June 24, 1936, Serial No. 86,930
6 Claims. (Cl. 38—117)

5. A collapsible table or the like adapted to unfold into erected position, said table comprising a top board, a rear leg structure having one end thereof pivotally attached to said board, a rigid front leg also pivoted to the board in a forwardly spaced relation to the pivotal attachment of the rear leg structure, said front leg including

complementary angle irons that contiguous to their floor contacting ends are spaced apart by a gap and diverge therefrom toward the respective pivoted leg ends, intermediate pivot means located on the rear leg structure, an auxiliary pivot located on the front leg between the ends thereof and having its pivotal axis disposed crosswise to span the angle iron lengths in the gap region thereof, brace rod means interconnecting the intermediate pivot means with said auxiliary pivot and arranged to guide the several legs in unison in a common direction, a lever of which one end portion is pivotally mounted on the auxiliary pivot within the aforesaid gap and the other lever end portion is by a manipulation of the front leg freely rockable between opposed



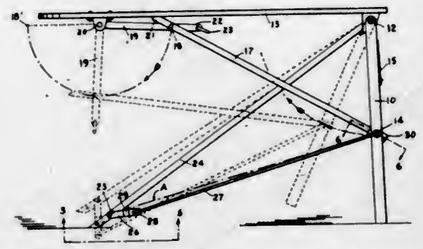
travel positions respectively directed toward and away from the floor contacting terminal of the front leg, stop means confining the extreme travel of said other lever end portion, rod pintle means located adjacent to the pivotal attachment of the rear leg structure, locking rod means pivotally interconnecting the aforesaid other lever end with the pintle means, said lever and locking rod means being so arranged and of such proportions as to constitute components of a toggle joint that lie flatwise against the board in axially extended alignment when the several legs are collapsed and which lever when rocked toward the front leg terminal serves to buckle such toggle joint, and latch means retaining the lever in such buckled relationship.

2,128,210

FOLDING TABLE

Udo K. Johannsen, Cortland, N. Y., assignor to The Brewer-Titchener Corporation, Cortland, N. Y., a corporation of New York

Application July 17, 1936, Serial No. 91,023
4 Claims. (Cl. 38—119)



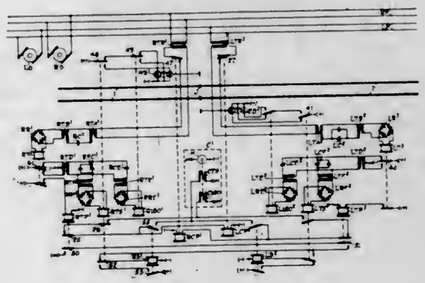
4. In a collapsible table or the like adapted to unfold into erected position, the combination of a top board, a front leg having one end region pivoted to one board face, a foot pivot carried by the opposite end region of the front leg, a rear leg structure also pivoted to said board face, supplementary pivot means located on said structure between the ends thereof, a primary toggle linkage including a strutlike link having one end pivotally jointed to one terminal region of a manipulative guide link, the other end of the strutlike link being mounted on the supplementary pivot and the opposed terminal of the guide link being pivotally attached to said face to permit of swinging the jointed end of the guide link through its aligned dead center into a buckled toggle position lying rearwardly of such pivotal guide link attachment and wherein said toggle linkage serves to retain the erected rear leg structure against collapse, a cooperative auxiliary toggle linkage comprising a pair of jointed links of different lengths pivotally suspended between the foot pivot of the erected front leg and the retained rear leg structure, and stop means operatively interposed between the shorter link and said front leg serving to prevent toggle alignment with the longer link, the stop means being disposed to automatically recede from said face when the guide link is swung away from its buckled position and the respective linkages being so arranged that the primary linkage when manipulated cannot become stalled because of link alignment on part of the auxiliary linkage.

2,128,211

RAILWAY SIGNALING SYSTEM

Thomas J. Judge, Rio de Janeiro, Brazil, assignor to General Railway Signal Company, Rochester, N. Y.

Application September 25, 1936, Serial No. 102,557
12 Claims. (Cl. 246—33)



12. In a railway signaling system, a portion of single track divided into a plurality of track sections, means for simultaneously applying alternating current energy of distinctively different frequencies to opposite ends of each section, means for coding the energy applied at each end of each section in accordance with traffic conditions in the two sections respectively adjacent thereto, and cab-carried signal controlling means governed by the coding of the current energizing each section.

2,128,212

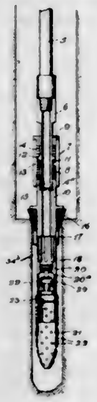
SAMPLE TAKING TOOL FOR OIL WELLS

Samuel A. Mullins, Beaumont, Tex.

Application November 13, 1937, Serial No. 174,442
12 Claims. (Cl. 166—1)

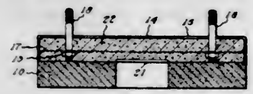
1. In a testing or sampling tool for oil wells and the like, a hollow member providing a substantially closed housing, a seal closing one end of the housing, means within the housing impelled by an explosive substance for piercing said

seal permitting fluid to pass into and through the housing, and valve means operating to close



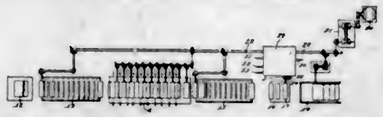
the housing subsequent to passage of fluid therethrough.

2,128,213
ABRASIVE WHEEL AND MOUNTING
Edward Van der Pyl, Holden, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application February 3, 1936, Serial No. 62,103
2 Claims. (Cl. 51—209)



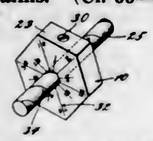
1. Grinding apparatus comprising a disk shaped grinding wheel having flat sides, a metal casing open at one side having a rim whose edge throughout its entire circumference is in contact with one side of the disk grinding wheel and covers a substantial portion of the area of said side of the grinding wheel, leaving the other side of the disk grinding wheel free for grinding and leaving the periphery of the grinding wheel uncovered, and Portland cement concrete filling the casing and in contact with a large area of the disk grinding wheel and constituting by its adhesion the sole connection between the disk grinding wheel and the casing.

2,128,214
METHOD OF PRODUCING COATED MATERIAL
Ralph W. B. Reade, Port Washington, N. Y., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Original application November 28, 1934, Serial No. 755,118. Divided and this application September 27, 1937, Serial No. 165,823
5 Claims. (Cl. 91—68)



1. The method of producing a coated sheet roofing material having a desired surface effect, which includes the steps of applying a viscid coating substance to a sheet and advancing the sheet thus coated in contact with a surface to which said viscid coating tends to adhere while said surface is moving in the same direction as the sheet but at a higher rate of speed, the relative speed of said surface and the tendency of said viscid coating to adhere to said surface being such as to cause said viscid coating to string out and form a desired short grain discontinuous surface.

2,128,215
DEPTH GAUGE
William K. Walker, New York, N. Y., assignor to American Radiator Company, New York, N. Y., a corporation of New Jersey
Application March 21, 1936, Serial No. 70,138
9 Claims. (Cl. 33—169)

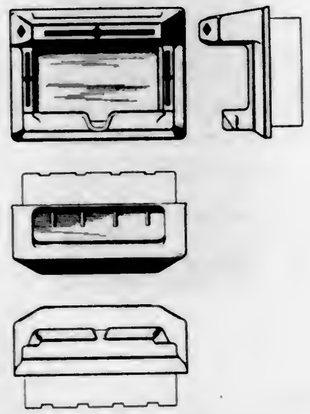


1. A device of the character described, comprising an abutment member having faces at the opposite sides thereof, a measuring plunger slidable axially therethrough transversely of said faces, a scale upon one of said transverse faces including graduations extending outwardly radially from said plunger in spaced apart relation, and means on said plunger extending therealong in angular relation to the axis thereof and registering with the radial graduations successively upon relatively slight increments of movement of said plunger.

DESIGNS

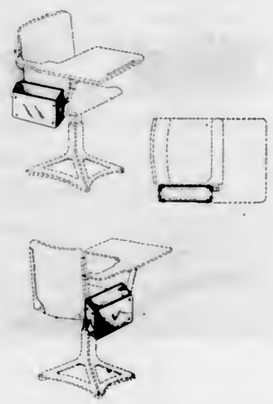
AUGUST 23, 1938

110,952
DESIGN FOR A COMBINATION SOAP HOLDER AND GRAB RAIL
John H. Balmer, Trenton, N. J.
Application December 15, 1937, Serial No. 73,639
Term of patent 7 years



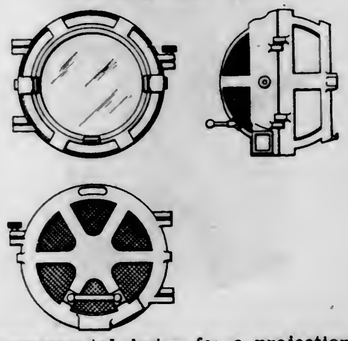
The ornamental design for a combination soap holder and grab rail, substantially as shown.

110,953
DESIGN FOR A COMBINED DESK AND CHAIR
William J. Bargen, Waukegan, Ill.
Application November 17, 1937, Serial No. 72,966
Term of patent 14 years



The ornamental design for a combined desk and chair, as shown and described.

110,954
DESIGN FOR A PROJECTION LAMP FOR USE IN CINEMA STUDIOS
Gerald Spencer Barrett, Park Royal, Acton, London, England, assignor to The General Electric Company Limited, London, England
Application October 20, 1937, Serial No. 72,338
In Great Britain July 20, 1937
Term of patent 7 years



The ornamental design for a projection lamp for use in cinema studios, substantially as shown.

110,955
DESIGN FOR A SLIPPER
Israel Berman, New York, N. Y.
Application July 11, 1938, Serial No. 78,393
Term of patent 3½ years



The ornamental design for a slipper, substantially as shown.

110,956
DESIGN FOR A SLIPPER
Israel Berman, New York, N. Y.
Application July 11, 1938, Serial No. 78,394
Term of patent 3½ years



The ornamental design for a slipper, substantially as shown.

110,957
DESIGN FOR A LAY FIGURE
Ralph L. Chisholm, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass., a corporation of Massachusetts
Application December 20, 1937, Serial No. 73,758
Term of patent 14 years



The ornamental design for a lay figure, substantially as shown.

110,958
DESIGN FOR A COAT
David Coplin, New York, N. Y.
Application July 23, 1938, Serial No. 78,675
Term of patent 3½ years



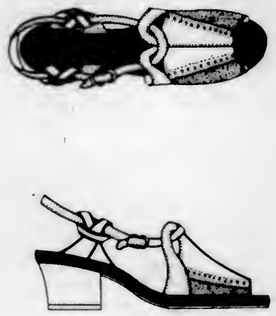
The ornamental design for a coat, substantially as shown and described.

110,959
DESIGN FOR A HYDROMETER SYRINGE
Carl J. Dunzweiler, Cleveland, Ohio, assignor to Willard Storage Battery Company, Cleveland, Ohio, a corporation of West Virginia
Application June 6, 1938, Serial No. 77,641
Term of patent 14 years



The ornamental design for a hydrometer syringe, substantially as shown.

110,960
DESIGN FOR A SHOE
Dave Gilbert, New York, N. Y.
Application July 26, 1938, Serial No. 78,732
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

110,961
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,298
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,962
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,300
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,963
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 7, 1938, Serial No. 78,315
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

110,964
DESIGN FOR A TINSEL TEXTILE FABRIC
Maclyn Guhl, New York, N. Y.
Application July 14, 1938, Serial No. 78,461
Term of patent 3½ years



The ornamental design for a tinsel textile fabric, substantially as shown and described.

110,965
DESIGN FOR A TIRE
William Edward Hardeman, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y., a corporation of New York
Application May 26, 1938, Serial No. 77,416
In Great Britain January 28, 1938
Term of patent 14 years



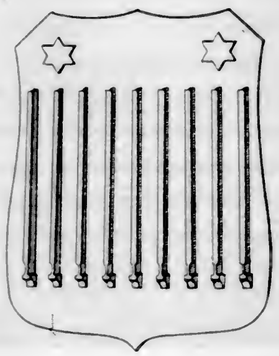
The ornamental design for a tire, as shown.

110,966
DESIGN FOR A TEXTILE FABRIC
Benjamin M. Kaufman, New York, N. Y.
Application May 26, 1938, Serial No. 77,388
Term of patent 3½ years



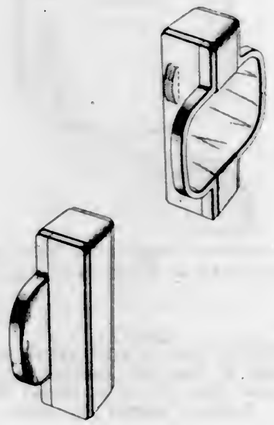
The ornamental design for a textile fabric, substantially as shown and described.

110,967
DESIGN FOR A PACKAGE DISPENSER
Gordon W. Knipple, Chicago, Ill., and Nathan L. Mercer, Marengo, Iowa
Application February 28, 1938, Serial No. 75,477
Term of patent 3½ years



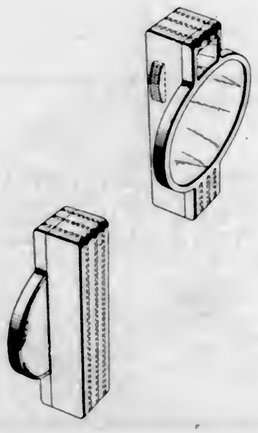
The ornamental design for a package dispenser, as shown.

110,968
DESIGN FOR AN ILLUMINABLE HAND MIRROR
Frederic A. Leisen, Detroit, Mich., assignor to Oak Screw Products Company, Hillsdale, Mich., a corporation of Michigan
Application April 12, 1938, Serial No. 76,454
Term of patent 3½ years



The ornamental design for an illuminable hand mirror, substantially as that illustrated and described.

110,969
DESIGN FOR AN ILLUMINABLE HAND MIRROR
Frederic A. Leisen, Detroit, Mich., assignor to Oak Screw Products Company, Hillsdale, Mich., a corporation of Michigan
Application April 12, 1938, Serial No. 76,455
Term of patent 3½ years



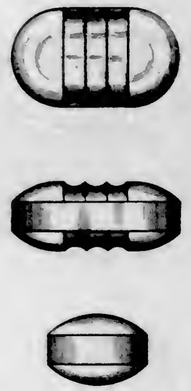
The ornamental design for an illuminable hand mirror, substantially as that illustrated and described.

110,970
DESIGN FOR A COAT
Frank Leto, New York, N. Y.
Application July 19, 1938, Serial No. 78,582
Term of patent 3½ years



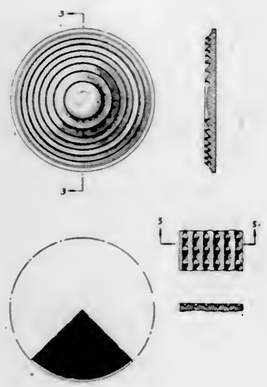
The ornamental design for a coat, substantially as shown and described.

110,971
DESIGN FOR A CAKE OF SOAP
Florence N. Lewis, New York, N. Y., assignor to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,745
Term of patent 14 years



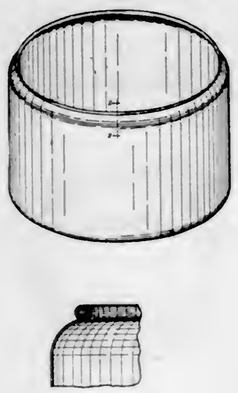
The ornamental design for a cake of soap, as shown.

110,972
DESIGN FOR A LIGHTING FIXTURE LENS OR THE LIKE ARTICLE
Joseph Levy, New York, N. Y., assignor to Century Lighting, Inc., a corporation of New York
Application June 25, 1938, Serial No. 78,051
Term of patent 7 years



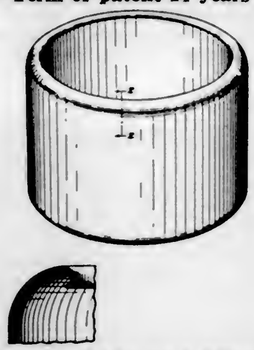
The ornamental design for a lighting fixture lens or the like article, as shown.

110,973
DESIGN FOR A WASHING MACHINE TUB
John J. McCabe, Euclid, Ohio, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application October 22, 1935, Serial No. 59,160
Term of patent 14 years



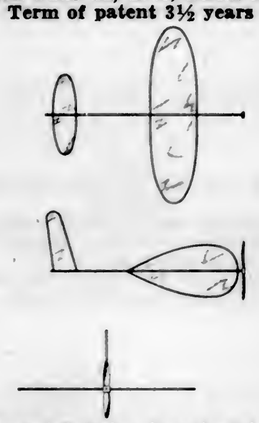
The ornamental design for a washing machine tub, substantially as shown and described.

110,974
DESIGN FOR A WASHING MACHINE TUB
John J. McCabe, Euclid, Ohio
Application January 8, 1936, Serial No. 60,475
Term of patent 14 years



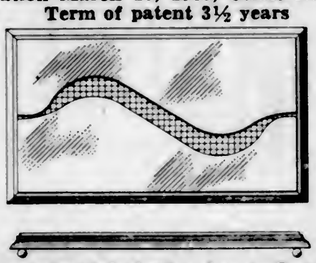
The ornamental design for a washing machine tub, substantially as shown and described.

110,975
DESIGN FOR A TOY AIRPLANE
Louis F. Mueller, Buffalo, N. Y.
Application June 21, 1938, Serial No. 77,964
Term of patent 3½ years



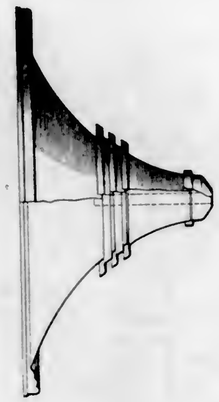
The ornamental design for a toy airplane, substantially as shown.

110,976
DESIGN FOR A FLORAL DISPLAY STAND
Robert A. Norton, Chatham, N. J.
Application March 18, 1938, Serial No. 75,931
Term of patent 3½ years



The ornamental design for a floral display stand, substantially as shown.

110,977
DESIGN FOR A LIGHTING FIXTURE BODY
Peter Parlato, Astoria, N. Y., assignor to Parco Lighting Equipment Co., Inc., New York, N. Y., a corporation of New York
Application August 6, 1937, Serial No. 70,879
Term of patent 3½ years



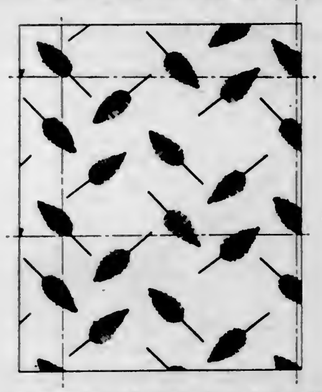
The ornamental design for a lighting fixture body, as shown and described.

110,978
DESIGN FOR A SHOE
Benjamin F. Parrelli, Jr., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 11, 1938, Serial No. 78,407
Term of patent 3½ years



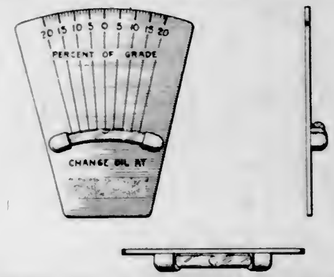
The ornamental design for a shoe, as shown.

110,979
DESIGN FOR AN EMBROIDERED FABRIC
Joseph Picirilli, New York, N. Y.
Application June 25, 1938, Serial No. 78,070
Term of patent 3½ years



The ornamental design for an embroidered fabric, substantially as shown and described.

110,980
DESIGN FOR AN INCLINOMETER OR THE LIKE
William H. Reardon, Newark, N. J.
Application December 4, 1937, Serial No. 73,378
Term of patent 3½ years



The ornamental design for an inclinometer or the like, as shown and described.

110,981
DESIGN FOR AN ELECTRIC VAPORIZER
Joseph Robinson, New York, N. Y.
Application September 25, 1937, Serial No. 71,791
Term of patent 7 years



The ornamental design for an electric vaporizer, as shown and described.

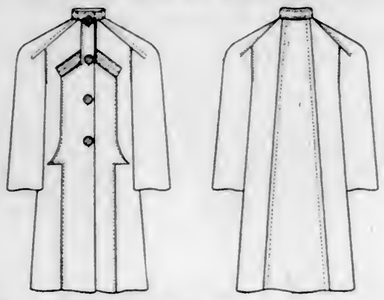
110,982
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application July 23, 1938, Serial No. 78,670
Term of patent 3½ years





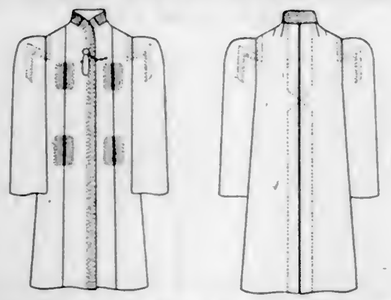
The ornamental design for a shoe or similar article, substantially as shown.

110,983
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application July 25, 1938, Serial No. 78,702
Term of patent 3½ years



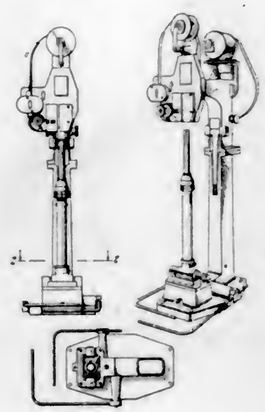
The ornamental design for a coat, substantially as shown.

110,984
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application July 25, 1938, Serial No. 78,704
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

110,985
DESIGN FOR A WIRE STITCHING MACHINE
William O. Sims and Edward J. Rodda, Niagara Falls, N. Y., assignors to Niagara Falls Wire Stitchers, Inc., Niagara Falls, N. Y., a corporation of New York
Application April 12, 1937, Serial No. 68,699
Term of patent 14 years



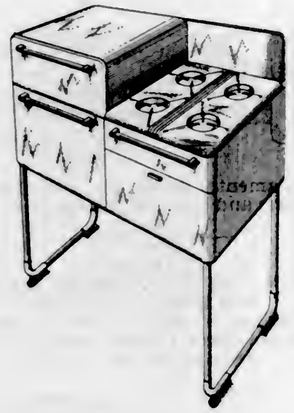
The ornamental design for a wire stitching machine, as shown.

110,986
DESIGN FOR A NEGLIGEE
Ethel Eaton Stricker, New York, N. Y.
Application July 23, 1938, Serial No. 78,660
Term of patent 3½ years



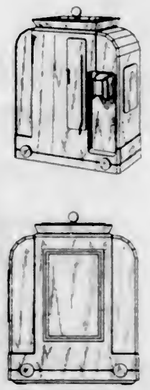
The ornamental design for a negligee, substantially as shown.

110,987
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 4, 1938, Serial No. 74,088
Term of patent 14 years



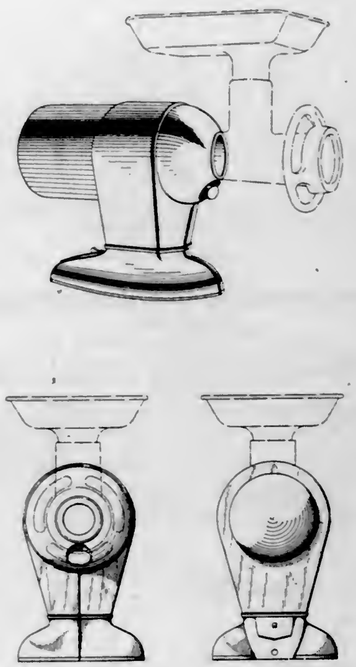
The ornamental design for a range as shown and described.

110,988
DESIGN FOR A COFFEE MILL
Harold Van Doren, Toledo, Ohio, assignor to The Enterprise Manufacturing Company, of Pennsylvania, Philadelphia, Pa., a corporation of Pennsylvania
Application June 18, 1938, Serial No. 77,916
Term of patent 7 years



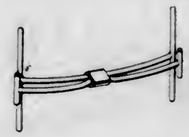
The ornamental design for a coffee mill, substantially as shown.

110,989
DESIGN FOR A FOOD CUTTER
Harold Van Doren, Toledo, Ohio, assignor to The Enterprise Manufacturing Company, of Pennsylvania, Philadelphia, Pa., a corporation of Pennsylvania
Application June 18, 1938, Serial No. 77,917
Term of patent 7 years



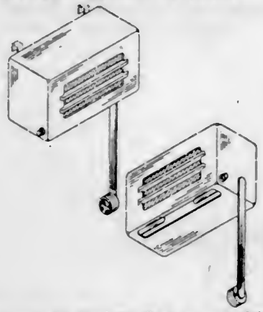
The ornamental design for a food cutter, substantially as shown.

110,990
DESIGN FOR A COLLAR CLASP
Frederick R. Yost, York, Pa.
Application June 17, 1938, Serial No. 77,912
Term of patent 7 years



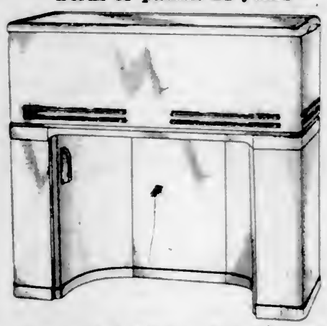
The ornamental design for a collar clasp, as shown.

110,991
DESIGN FOR A COMBINED RADIO AND LAMP
Charles H. Allen, Philadelphia, Pa.
Application May 2, 1938, Serial No. 76,932
Term of patent 14 years



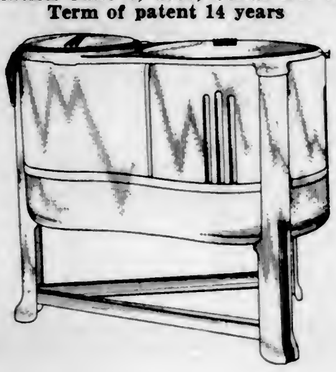
The ornamental design for a combined radio and lamp, as shown and described.

110,992
DESIGN FOR AN IRONING MACHINE CABINET
Henry W. Altorfer, Peoria, Ill.
Application November 29, 1935, Serial No. 59,829
Term of patent 14 years

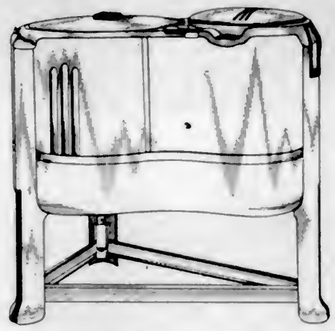


The ornamental design for an ironing machine cabinet, as shown and described.

110,993
DESIGN FOR A COMBINED WASHING MACHINE AND DRIER
Henry W. Altorfer, Peoria, Ill.
Application June 7, 1937, Serial No. 69,716
Term of patent 14 years

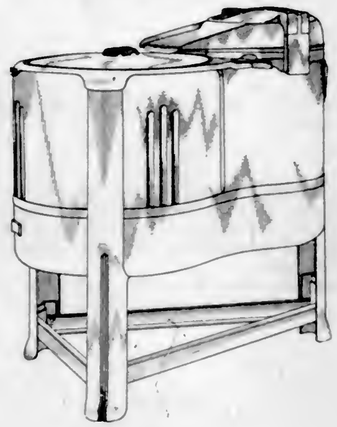


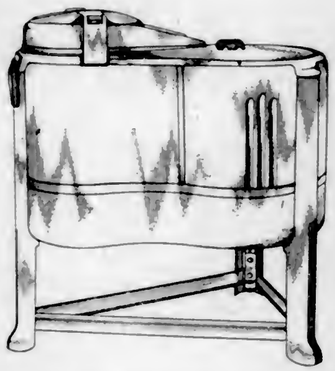
110,993—Continued



The ornamental design for a combined washing machine and drier, as shown.

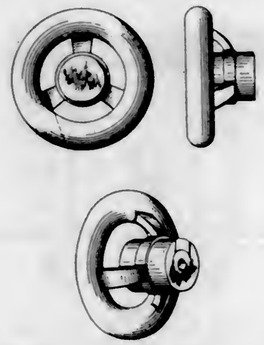
110,994
DESIGN FOR A COMBINED WASHING MACHINE AND DRIER
Henry W. Altorfer, Peoria, Ill.
Application June 7, 1937, Serial No. 69,717
Term of patent 14 years





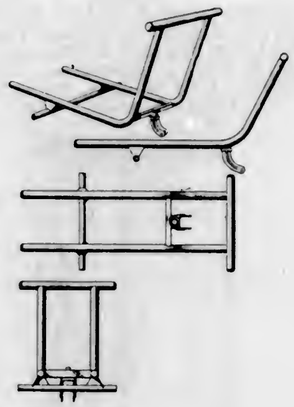
The ornamental design for a combined washing machine and drier, as shown.

110,995
DESIGN FOR A HAND CONTROL FOR RADIO AND LIKE APPARATUS
Lewis S. Bellem, Jr., Providence, R. I., assignor to Coto-Coil Co., Inc., Providence, R. I., a corporation of Rhode Island
Application June 19, 1937, Serial No. 69,935
Term of patent 3½ years



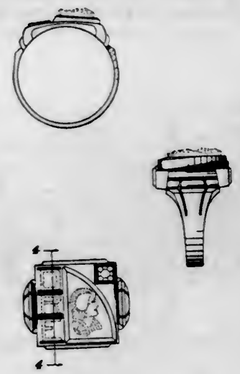
The ornamental design for a hand control for radio and like apparatus, substantially as shown.

110,996
DESIGN FOR A TRUCK BODY FOR LITTER CARRIER OR THE LIKE
Robert G. Ferris, Harvard, Ill., assignor to Starline Inc., Harvard, Ill., a corporation of Illinois
Application March 19, 1938, Serial No. 75,966
Term of patent 14 years



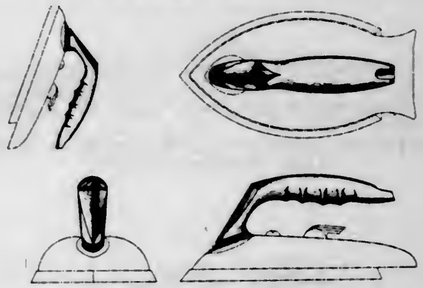
The ornamental design for a truck body for litter carrier or the like, as shown and described.

110,997
DESIGN FOR A RING
Morris Goodman, Indianapolis, Ind.
Application June 27, 1938, Serial No. 78,083
Term of patent 7 years



The ornamental design for a ring, as shown.

110,998
DESIGN FOR A SADIRON OR SIMILAR ARTICLE
Russell I. Huffman, Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application April 18, 1938, Serial No. 76,594
Term of patent 3½ years



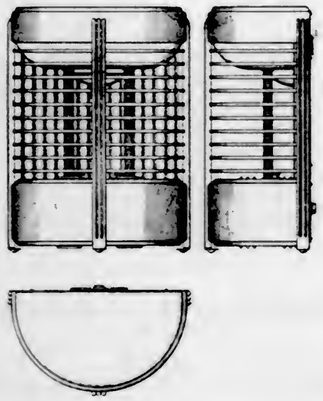
The ornamental design for a sadiron or similar article, substantially as shown and described.

110,999
DESIGN FOR A COMBINATION COMB AND CURLER
Lawrence N. Johnson, Chicago, Ill.
Application April 7, 1938, Serial No. 76,359
Term of patent 3½ years



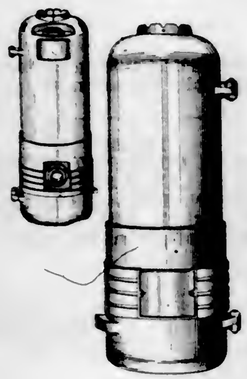
The ornamental design for a combination comb and curler as shown and described.

111,000
DESIGN FOR AN ELECTRIC HEATER
Clifford Knox and Alexander M. Dickie, Ontario, Calif., assignors to General Electric Company, a corporation of New York
Application July 7, 1938, Serial No. 78,325
Term of patent 14 years



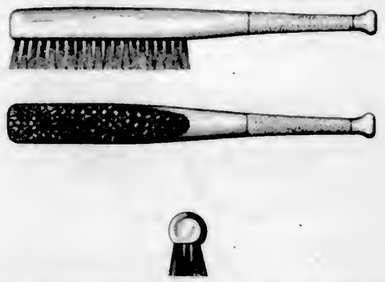
The ornamental design for an electric heater, substantially as shown.

111,001
DESIGN FOR A WATER HEATER
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application January 12, 1938, Serial No. 74,218
Term of patent 7 years



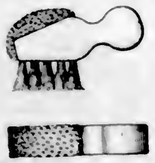
The ornamental design for a water heater, as shown.

111,002
DESIGN FOR A CLOTHES BRUSH
Ray Athol Paisley, Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y., a corporation of Delaware
Application June 22, 1938, Serial No. 77,979
Term of patent 14 years



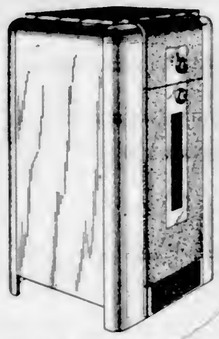
The ornamental design for a clothes brush, substantially as shown.

111,003
DESIGN FOR A BRUSH OR THE LIKE
Melvin H. Partridge, New Rochelle, N. Y., and Frederick W. Weitzel, Frederick, Md., assignors to Ox Fibre Brush Company, Inc., New York, N. Y., a corporation of Delaware
Application June 9, 1938, Serial No. 77,688
Term of patent 14 years



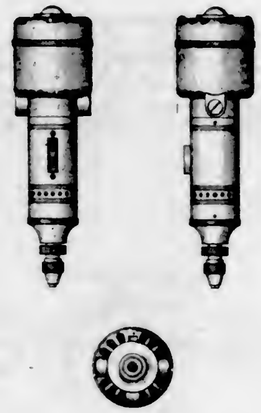
The ornamental design for a brush or the like, substantially as shown.

111,004
DESIGN FOR A SPACE HEATER
John Gordon Rideout, Cleveland, Ohio, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio, a corporation of Ohio
Application June 16, 1938, Serial No. 77,894
Term of patent 7 years



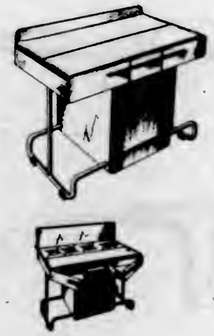
The ornamental design for a space heater, substantially as shown and described.

111,005
DESIGN FOR A POWER DRIVEN HAND TOOL UNIT
Philmore F. Sperry, Chicago, Ill., assignor to Excel Auto Radiator Company, Chicago, Ill., a corporation of Delaware
Application June 3, 1938, Serial No. 77,545
Term of patent 7 years



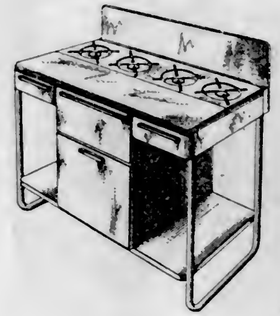
The ornamental design for a power driven hand tool unit, as shown.

111,006
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership composed of Grace Teller and Jacob Teller
Application January 6, 1938, Serial No. 74,118
Term of patent 14 years



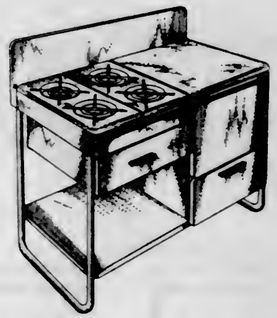
The ornamental design for a range, as shown and described.

111,007
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 6, 1938, Serial No. 74,119
Term of patent 14 years



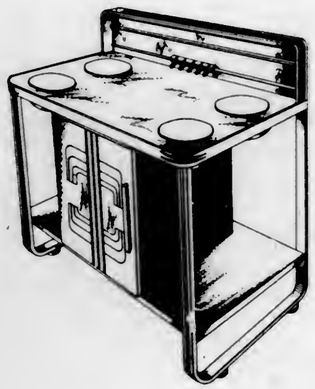
The ornamental design for a range, as shown and described.

111,008
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 6, 1938, Serial No. 74,120
Term of patent 14 years



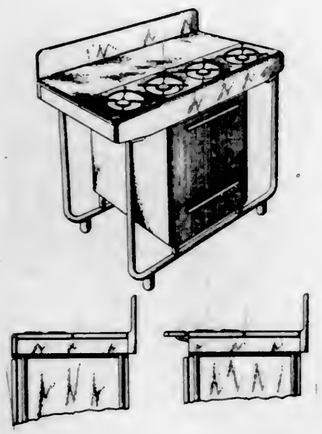
The ornamental design for a range, as shown and described.

111,009
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 8, 1938, Serial No. 74,143
Term of patent 14 years



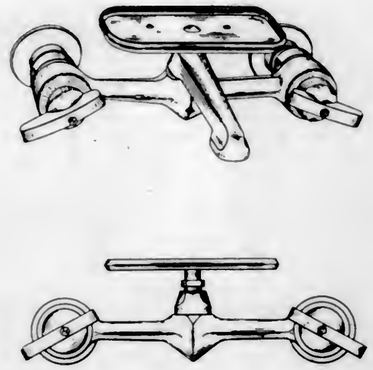
The ornamental design for a range, as shown and described.

111,010
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 8, 1938, Serial No. 74,144
Term of patent 14 years



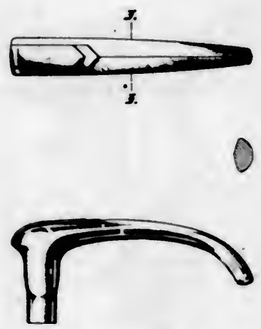
The ornamental design for a range, as shown and described.

111,011
DESIGN FOR A COMBINED FAUCET AND SOAP DISH
Leon Bloch, Cleveland, Ohio, assignor to The Globe Valve Corporation, Cleveland, Ohio, a corporation
Application June 20, 1938, Serial No. 77,958
Term of patent 14 years



The ornamental design for a combined faucet and soap dish, substantially as shown.

111,012
DESIGN FOR AN OUTSIDE DOOR HANDLE OR SIMILAR ARTICLE FOR AN AUTOMOTIVE VEHICLE
Eric S. Carlson, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application July 8, 1938, Serial No. 78,353
Term of patent 14 years



The ornamental design for an outside door handle or similar article for an automotive vehicle, substantially as shown.

111,013
DESIGN FOR AN OUTSIDE DOOR HANDLE OR SIMILAR ARTICLE FOR AN AUTOMOTIVE VEHICLE
Eric S. Carlson, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application July 8, 1938, Serial No. 78,354
Term of patent 14 years



The ornamental design for an outside door handle or similar article for an automotive vehicle, substantially as shown.

111,014
DESIGN FOR A COAT
Anthony Carnicelli, New York, N. Y.
Application June 22, 1938, Serial No. 77,982
Term of patent 3½ years



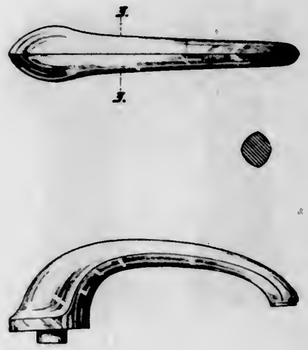
The ornamental design for a coat, substantially as shown and described.

111,015
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application July 15, 1938, Serial No. 78,493
Term of patent 3½ years



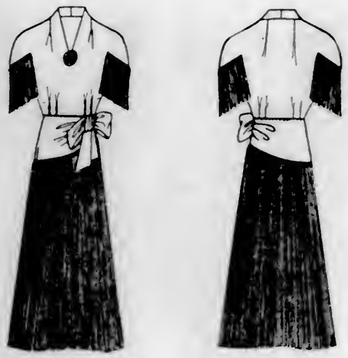
The ornamental design for a dress, substantially as shown.

111,016
DESIGN FOR AN OUTSIDE DOOR HANDLE OR SIMILAR ARTICLE FOR AN AUTOMOTIVE VEHICLE
George E. Curtiss, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application July 8, 1938, Serial No. 78,355
Term of patent 14 years



The ornamental design for an outside door handle or similar article for an automotive vehicle substantially as shown.

111,017
DESIGN FOR A DRESS
Louise Decker, New York, N. Y.
Application July 11, 1938, Serial No. 78,402
Term of patent 3½ years



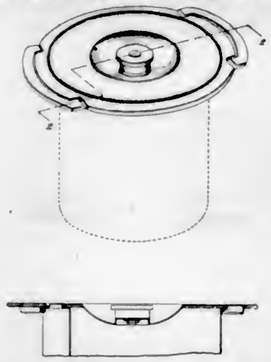
The ornamental design for a dress, substantially as shown and described.

111,018
DESIGN FOR A DRESS
Louise Decker, New York, N. Y.
Application July 11, 1938, Serial No. 78,403
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,019
DESIGN FOR A COOKER PAIL
Helen Hughes Dulany, Chicago, Ill., assignor to Edison General Electric Appliance Company, Inc., a corporation of New York
Application August 14, 1937, Serial No. 71,098
Term of patent 3½ years



The ornamental design for a cooker pail, substantially as shown.

111,020
DESIGN FOR A DECORATIVE NAIL
Joseph Eitinger, New York, N. Y.
Application July 9, 1938, Serial No. 78,365
Term of patent 3½ years



The ornamental design for a decorative nail, substantially as shown.

111,021
DESIGN FOR A DECORATIVE NAIL
Joseph Eitinger, New York, N. Y.
Application July 13, 1938, Serial No. 78,443
Term of patent 3½ years



The ornamental design for a decorative nail, substantially as shown.

111,022
DESIGN FOR A DRESS
Sylvia Epstein, New York, N. Y.
Application July 11, 1938, Serial No. 78,387
Term of patent 3½ years



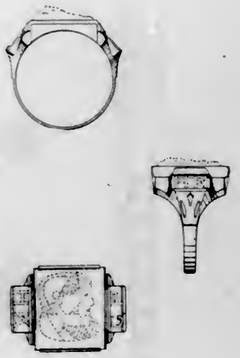
The ornamental design for a dress, substantially as shown and described.

111,023
DESIGN FOR A FINGER RING
Morris Goodman, Indianapolis, Ind.
Application June 27, 1938, Serial No. 78,084
Term of patent 7 years



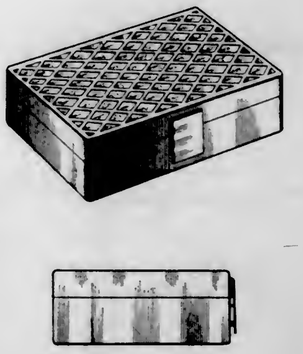
The ornamental design for a finger ring, as shown.

111,024
DESIGN FOR AN INITIAL RING
Morris Goodman, Indianapolis, Ind.
Application June 27, 1938, Serial No. 78,085
Term of patent 7 years



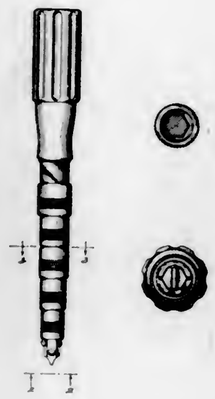
The ornamental design for an initial ring, as shown.

111,025
DESIGN FOR A BOX
Raymond Guerlain, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del., a corporation of Delaware
Application April 15, 1938, Serial No. 76,533
Term of patent 14 years



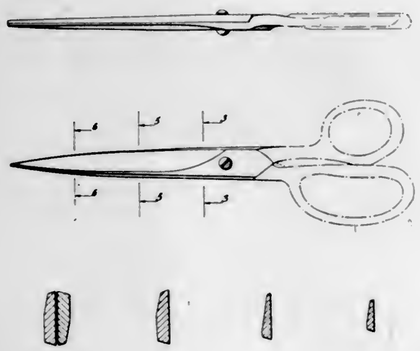
The ornamental design for a box, as shown and described.

111,026
DESIGN FOR A COMBINATION TOOL
William R. Hosford, Chicago, Ill., assignor to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois
Application April 7, 1938, Serial No. 76,354
Term of patent 14 years



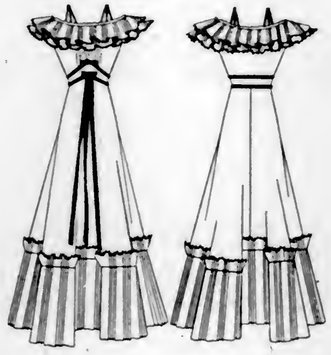
The ornamental design for a combination tool, as shown.

111,027
DESIGN FOR SHEARS
Alden A. Lincoln, Bridgeport, Conn., assignor to The Acme Shear Company, Bridgeport, Conn., a corporation of Connecticut
Application November 29, 1937, Serial No. 73,234
Term of patent 3½ years



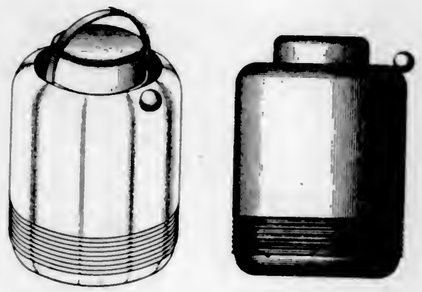
The ornamental design for shears, substantially as shown and described.

111,028
DESIGN FOR A DRESS
Margaret Michelson, New York, N. Y.
Application June 16, 1938, Serial No. 77,875
Term of patent 3½ years



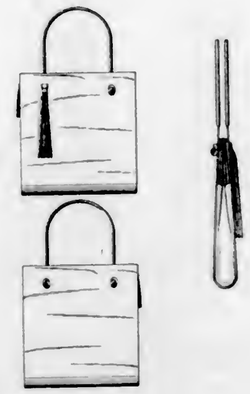
The ornamental design for a dress, substantially as shown.

111,029
DESIGN FOR AN INSULATED RECEPTACLE FOR FOOD OR LIQUID
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application January 27, 1938, Serial No. 74,587
Term of patent 7 years



The ornamental design for an insulated receptacle for food or liquid, as shown and described.

111,030
DESIGN FOR A HANDBAG
Irving Pichel, New York, N. Y.
Application June 24, 1938, Serial No. 78,020
Term of patent 3½ years



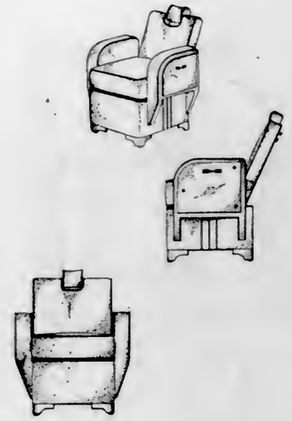
The ornamental design for a handbag, substantially as shown and described.

111,031
DESIGN FOR A BOTTLE
Anthony Rzadkowolski, Detroit, Mich., assignor to General Beverage Corporation, Detroit, Mich., a corporation of Michigan
Application March 16, 1938, Serial No. 75,880
Term of patent 7 years



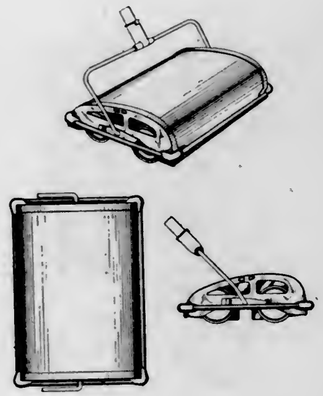
The ornamental design for a bottle, substantially as shown.

111,032
DESIGN FOR A CHAIR
Irving Salomon, Chicago, Ill.
Application June 4, 1938, Serial No. 77,586
Term of patent 7 years



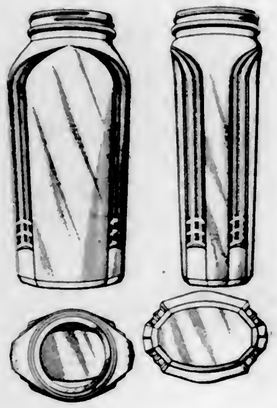
The ornamental design for a chair, as shown.

111,033
DESIGN FOR A CARPET SWEEPER
Earle R. Smith, Alhambra, Calif., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application January 13, 1938, Serial No. 74,262
Term of patent 14 years



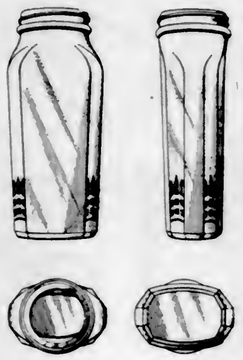
The ornamental design for a carpet sweeper, as shown and described.

111,034
DESIGN FOR A JAR
Chester R. Underwood, Jackson, Miss., assignor to John T. Kozminski, Cleveland, Ohio
Application June 10, 1938, Serial No. 77,717
Term of patent 14 years



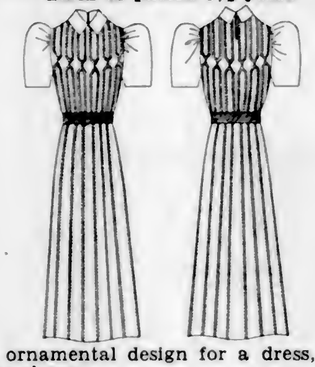
The ornamental design for a jar, as shown.

111,035
DESIGN FOR A JAR
Chester R. Underwood, Jackson, Miss., assignor to John T. Kozminski, Cleveland, Ohio
Application June 10, 1938, Serial No. 77,718
Term of patent 14 years



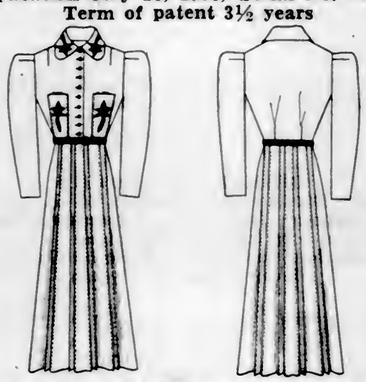
The ornamental design for a jar, as shown.

111,036
DESIGN FOR A DRESS
Arthur Cohen, New York, N. Y.
Application July 21, 1938, Serial No. 78,615
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,037
DESIGN FOR A DRESS
Jacob Dublirer, New York, N. Y.
Application July 16, 1938, Serial No. 78,530
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,038
DESIGN FOR A DRESS
Jacob Dublirer, New York, N. Y.
Application July 16, 1938, Serial No. 78,531
Term of patent 3½ years



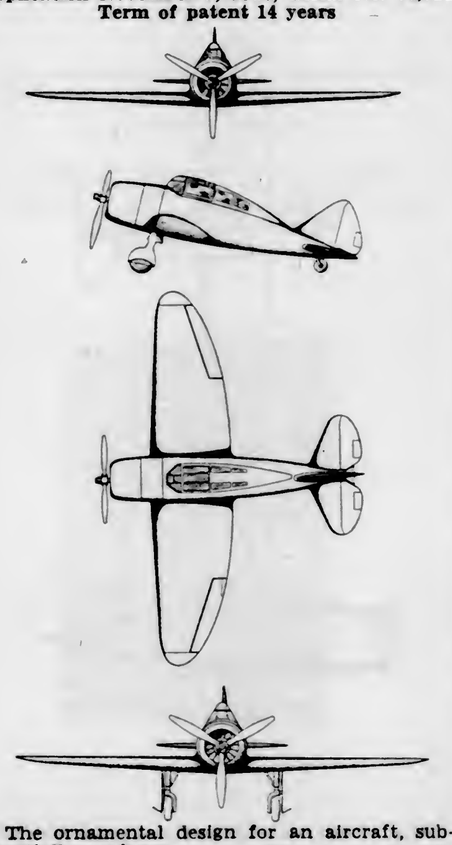
The ornamental design for a dress, substantially as shown.

111,039
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application July 19, 1938, Serial No. 78,579
Term of patent 3½ years



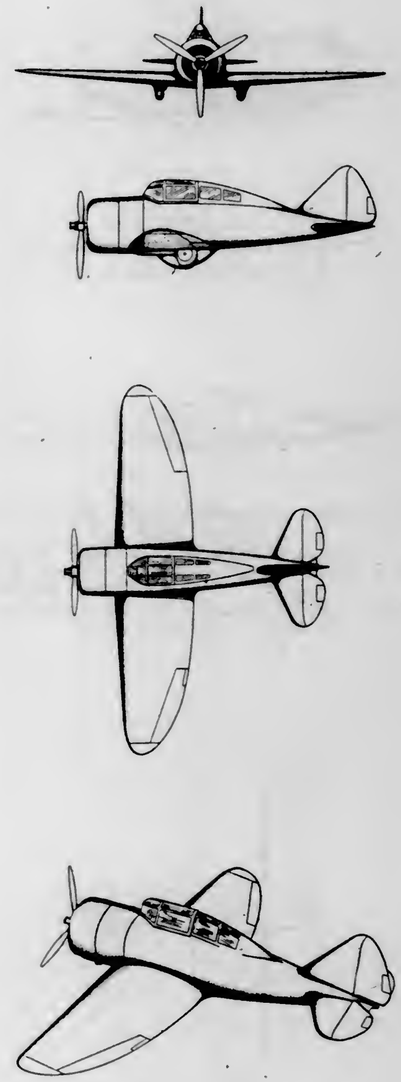
The ornamental design for a dress, substantially as shown.

111,040
DESIGN FOR AN AIRCRAFT
Alexander P. de Seversky, Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation, Farmingdale, N. Y., a corporation of Delaware
Application November 9, 1937, Serial No. 72,714
Term of patent 14 years



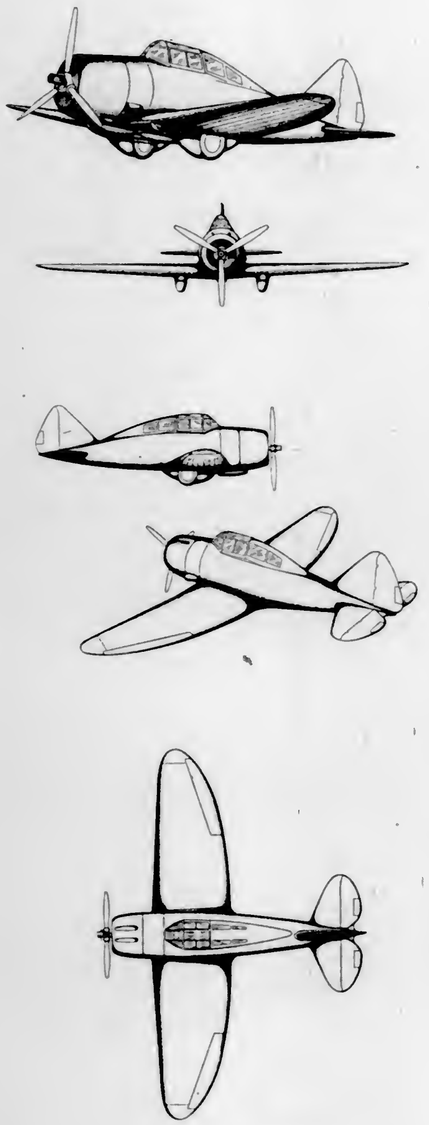
The ornamental design for an aircraft, substantially as shown.

111,041
DESIGN FOR AN AIRCRAFT
Alexander P. de Seversky, Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation, Farmingdale, N. Y., a corporation of Delaware
Application November 9, 1937, Serial No. 72,717
Term of patent 14 years



The ornamental design for an aircraft, substantially as shown.

111,042
DESIGN FOR AN AIRCRAFT
Alexander P. de Seversky, Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation, Farmingdale, N. Y., a corporation of Delaware
Application November 9, 1937, Serial No. 72,718
Term of patent 14 years



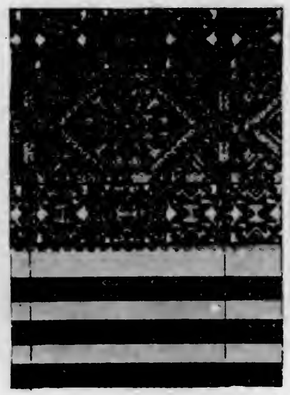
The ornamental design for an aircraft, substantially as shown.

111,043
DESIGN FOR AN AIRPLANE
Alexander P. de Seversky, Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation, Farmingdale, N. Y., a corporation of Delaware
Application November 9, 1937, Serial No. 72,719
Term of patent 14 years



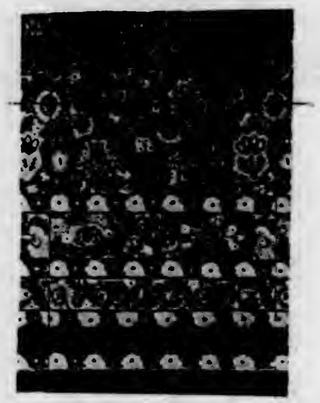
The ornamental design for an airplane, substantially as shown.

111,044
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,292
Term of patent 3½ years



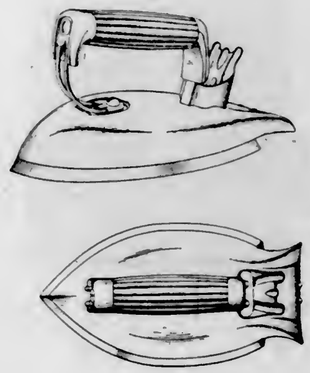
The ornamental design for a textile fabric, substantially as shown and described.

111,045
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,297
Term of patent 3½ years



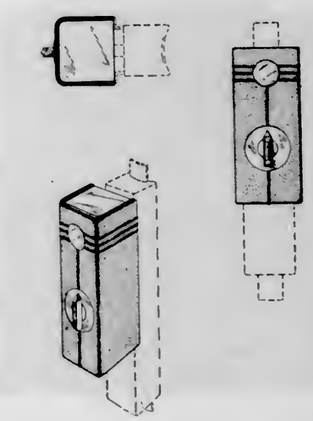
The ornamental design for a textile fabric, substantially as shown and described.

111,046
DESIGN FOR A SADIRON OR SIMILAR ARTICLE
Andrew S. Knapp, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application October 18, 1937, Serial No. 72,276
Term of patent 7 years



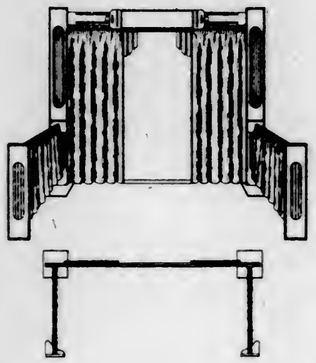
The ornamental design for a sadiron or similar article, substantially as shown.

111,047
DESIGN FOR AN ELECTRICAL SWITCH OR THE LIKE
Eugene V. Lavallee, Elkhart, Ind., assignor to Penn Electric Switch Co., Goshen, Ind., a corporation of Iowa
Application May 4, 1938, Serial No. 76,977
Term of patent 7 years



The ornamental design for an electrical switch or the like substantially as shown and described.

111,048
DESIGN FOR A DISPLAY BOOTH OR SIMILAR ARTICLE
Benjamin E. Levin, Lynn, and Roy A. Winchenbaugh, Boston, Mass.
Application April 30, 1938, Serial No. 76,892
Term of patent 7 years



The ornamental design for a display booth or similar article, substantially as shown.

111,049
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Nathan Marcus, New York, N. Y.
Application July 27, 1938, Serial No. 78,764
Term of patent 3½ years



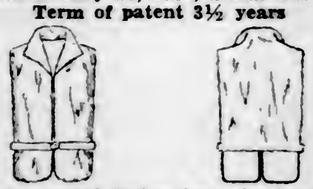
The ornamental design for a textile fabric or similar article as shown and described.

111,050
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Nathan Marcus, New York, N. Y.
Application July 27, 1938, Serial No. 78,765
Term of patent 3½ years



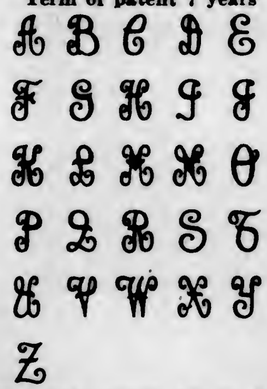
The ornamental design for a textile fabric or similar article as shown and described.

111,051
DESIGN FOR A FUR TOPPER
Bernard Reineman, New York, N. Y.
Application May 27, 1938, Serial No. 77,423
Term of patent 3½ years



The ornamental design for a fur topper, substantially as shown and described.

111,052
DESIGN FOR AN ALPHABET FOR MONOGRAMS
Lawrence Wise, Brooklyn, N. Y.
Application May 18, 1938, Serial No. 77,264
Term of patent 7 years



The ornamental design for an alphabet for monograms, as shown.

111,053
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application November 5, 1937, Serial No. 72,634
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

111,054
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Helm, Paris, France
Application July 29, 1938, Serial No. 78,960
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown.

111,055
DESIGN FOR A TEXTILE FABRIC
George Megibow, New York, N. Y.
Application July 30, 1938, Serial No. 78,976
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

111,056
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application August 2, 1938, Serial No. 79,024
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

Patents Nos. 2,128,216 to 2,128,888

THE

OFFICIAL GAZETTE

OF THE

United States Patent Office

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August 30, 1938

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T. M. Renewals	45		
Labels	30—No.	51,669 to No.	51,698, inclusive.
Labels Renewed	1		
Prints	8—No.	17,016 to No.	17,023, inclusive.
Reissues	7—No.	20,836 to No.	20,842, inclusive.
Plant Patents	4—No.	286 to No.	289, inclusive.
Patents	673—No.	2,128,216 to No.	2,128,888, inclusive.
Designs	69—No.	111,057 to No.	111,125, inclusive.
Total	1,108		

Interference Notices

U. S. Patent Office, *Washington, D. C., August 1, 1938.*

Samuel Silverberg, his assigns or legal representatives, take notice:

An interference has been declared by this Office between the applications for patent of Samuel Silverberg, 115 Blue Hills Ave., Hartford, Connecticut, and Jeremiah J. Fazioli, 33 Grank St., Hartford, Connecticut. The attorneys who represented the party Silverberg, in withdrawing from the case, gave the present address of said Silverberg as 5118 Second St., N. W., Washington, D. C. The Office has been unable to secure service upon said Silverberg at this last mentioned address. Notice is hereby given that unless said Silverberg, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

U. S. Patent Office, *Washington, D. C., Aug. 4, 1938.*

William Johnston, Jr., and Jay W. Ferree, their assigns or legal representatives, take notice:

An interference has been declared by this Office between the sole application for patent of Jay W. Ferree, 703 Magee Bldg., Pittsburgh, Pa., and the joint application for patent of William Johnston, Jr., and Jay W. Ferree, 226 East End Ave. and 1004 S. Braddock Ave., Pittsburgh, Pa., respectively. The attorneys who represented the party Johnston and Ferree have withdrawn and the notice of withdrawal sent to Johnston and Ferree in care of William Johnston, Jr., 226 East End Ave., Pittsburgh, Pa., has been returned by the post office as undeliverable. The Office therefore has been unable to secure service upon the joint applicant Johnston. Notice is hereby given that unless said Johnston and Ferree, their assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notices of Cancellation

U. S. Patent Office, *Washington, D. C., July 29, 1938.*

P. Centemeri & Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Bernstein & Sons Shirt Corp., 200 Fifth Avenue, New York, N. Y., to effect the cancellation of trade-mark registration No. 185,074, issued June 3, 1924, to P. Centemeri & Co., 334 Fourth Avenue, New York, N. Y., and a notice of such proceeding sent by registered mail to said P. Centemeri & Co. at said address having been returned by the post office as undeliverable, notice is hereby given that unless said P. Centemeri & Co., its assigns or legal representatives, shall enter an appearance within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

U. S. Patent Office, *Washington, D. C., Aug. 8, 1938.*

White Goods Mfg. Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Carson Pirie Scott & Company, 366 West Adams Street, Chicago, Ill., to effect the cancellation of trade-mark registration No. 199,778, issued June 16, 1925, to White Goods Mfg. Co., 901–911 West Jackson Boulevard, Chicago, Ill., and a notice of such proceeding sent by registered mail to said White Goods Mfg. Co. at said address having been returned by the post office as undeliverable, notice is hereby given that unless said White Goods Mfg. Co., its assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business August 13, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,129; Trade-Mark Division, 1,418. Oldest new case, Nov. 9, 1937; oldest amended, Nov. 12, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application awaiting office action	Oldest amended application awaiting office action	No. of applications awaiting action
		New	Amended	
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 5	Mar. 4	838
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Feb. 28	Mar. 8	1,038
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	May 7	May 18	559
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 9	Apr. 9	556
2077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	May 12	May 12	467
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 1	Mar. 7	1,195
5725	7. JARBOE, C. G., Optics; Photography	Apr. 28	Apr. 28	436
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Jan. 24	Jan. 21	876
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	May 11	May 9	431
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Mar. 21	Apr. 1	832
6087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Apr. 25	Apr. 22	558
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 4	Jan. 4	938
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 25	Mar. 25	567
5097	14. Smith, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	May 19	May 21	544
4807	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Apr. 5	Apr. 5	1,345
5716	16. SPENCER, C. J., Telegraphy; Telephony	Mar. 3	Feb. 28	962
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Mar. 29	Mar. 21	907
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Mar. 22	Mar. 26	585
4098	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 25	Mar. 29	780
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Feb. 2	Jan. 27	535
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	May 13	May 13	501
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	May 2	May 3	664
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 9	†Nov. 12	335
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May 14	May 5	707
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Apr. 20	Apr. 19	642
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Apr. 13	Apr. 15	575
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Feb. 14	Feb. 9	1,174
4628	28. SOLYOM, H. L., Internal-Combustion Engines	May 2	Apr. 26	425
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Feb. 1	Jan. 27	948
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Feb. 9	Feb. 14	821
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	May 18	May 14	620
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Apr. 25	Apr. 21	622
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 4	Apr. 26	936
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 2	Apr. 22	385
5876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Apr. 7	Apr. 6	852
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Mar. 1	Mar. 7	667
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Feb. 17	Feb. 12	975
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Jan. 22	Jan. 3	918
4878	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 1	Apr. 1	647
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Mar. 12	Mar. 12	1,538
7812	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 13	Apr. 13	315
5882	42. CUTTING, H. O., Electric Signaling	Jan. 17	†Dec. 23	849
6336B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Apr. 5	Apr. 12	753
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Mar. 16	Mar. 14	742
7033	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 31	Apr. 11	796
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 5	Apr. 5	637
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Apr. 4	Apr. 6	760
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Apr. 14	Apr. 15	535
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 24	Feb. 4	1,030
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Feb. 21	Feb. 21	876
5628	51. BACKUS, C. D., Radiant Energy	May 2	May 2	814
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	May 4	May 3	884
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Apr. 13	Apr. 15	729
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	June 1	June 1	507
6583	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 11	Mar. 4	1,205
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Mar. 13	Mar. 11	1,125
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 11	Mar. 28	532
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Apr. 13	Apr. 12	486
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Mar. 16	Apr. 2	751
5806	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Mar. 31	Mar. 31	554
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Feb. 28	Mar. 2	806
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 6	May 2	649
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	May 9	May 19	354
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 24	Mar. 24	1,207
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 19	Feb. 24	725
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND	July 1	Aug. 1	1,216
	Trade-Marks	July 23	July 29	202
	Labels and Prints	July 5	July 26	924
2605	Designs: H. H. KALUPY			

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Appeals for the District of Columbia

CONOVER *v.* COE, COMMISSIONER OF PATENTS

No. 6,799. Decided July 18, 1938

1. PATENTABILITY—PRINTED MATTER—METHOD OF DOING BUSINESS.

"It is a rule of universal application that an object is not patentable where its novelty consists wholly in an arrangement of printed matter or in a method or system of doing business."

2. SAME—SAME—TRANSFER TICKET.

Claims for a transfer ticket including a row of detachable connected coupons *Held* unpatentable as not physically distinguished from prior art.

APPEAL from the District Court of the United States for the District of Columbia. Affirmed.

Mr. William S. Hodges for Conover.

Mr. R. F. Whitehead for the Commissioner of Patents.

Before GRONER, Chief Justice, and STEPHENS, and EDGERTON, Associate Justices

GRONER, *C. J.:*

Appellant filed his bill in the court below under R. S. 4915 (35 U. S. C. 63) to obtain a decree authorizing the Commissioner of Patents to issue Letters Patent for a coupon transfer ticket for use on street railways. The application was rejected in the Patent Office. The finding of the Board of Appeals was that the claims were unpatentable over prior patents to Hoffner (No. 1,029,293—June 11, 1912) and Laurier (No. 1,408,523—March 7, 1922). Four claims are involved, of which one is fairly illustrative (Number 24) and reads as follows:

> A transfer ticket including a body portion and a row of detachably connected portions; such body portion bearing a designation of the issuing line, direction of operation of a vehicle from which the transfer ticket is designed to be issued and data of horological significance; each of such detachably connected portions being imprinted to designate a locality along said designated issuing line; said imprinted portions being physically arranged in an order of sequence, away from the body portion, corresponding to the sequence of the corresponding localities from the terminus of origin of the issuing vehicle.

The transfer ticket involved in appellant's alleged invention consists of a body and detachable coupons. The body portion contains printed data indicating issuing line, the date, the time, and direction of operation of the car. The coupons bear notations to indicate localities or zones successively traversed by the car during travel along the issuing line and are arranged in geographical order of such travel. When the passenger gets the transfer, the last remaining coupon indicates the locality at which he entered the car, and on the transfer is wording to the effect that it is not good for passage in a direction opposite to that of the issuing car unless such passage is a necessary part of the shortest route of travel from starting point to destination. The main purpose, of course, is to prevent a passenger from traveling by an indirect route to destination, or from attempting to make a round-trip, or from obtaining two rides for a single fare.

The lower court dismissed the bill. It also held that the claims were anticipated by Hoffner and to some extent by Laurier.

The Hoffner patent involves also a street railway passenger transfer. It shows a body portion with the name of the carrier, the date, and the hour issued. It consists with the body portion of a number of detachable coupons designating the transfer point along the line of railway. The manner of use apparently is that the passenger gets the transfer ticket when he notifies the conductor at which point he desires to transfer. The last coupon on the transfer ticket given to the passenger designates the point where he may transfer. The conductor retains the remaining portion with only coupons on it. Hoffner describes its use as follows:

> When issuing a transfer to a passenger, the conductor ascertains the line over which the passenger desires to continue his trip. He then severs the transfer on the division line D directly above the space bearing the name of the line to which the transfer is to be issued; thus showing that the line noted in the space at the top of the transfer or passenger's portion of the ticket denotes the line over which the trip may be continued and as the point at which the transfer is to be made is noted in the same space, it is always easy for the passenger to ascertain whether the transfer has been correctly issued.

Laurier's patent is cited by the Patent Office to indicate that it was not new to punch a coupon or ticket to show the point at which a passenger boards a car.

The trial judge held that the Hoffner transfer, like appellant's, is designed for use by street railways; that its structure is identical with that of appellant; that it differs only in the manner of use; that given the same rules and regulations and with a simple rearrangement of printed matter the Hoffner patent would indicate zones of origin of passenger traffic and as thus rearranged would be identical in all respects with appellant's transfer. In other words, that the two are alike in physical structure and that the difference is in manner of use brought about by the arrangement of the printed matter on the coupons. Appellant says that the only relevance of the Hoffner ticket is that it shows that there is nothing new in a multi-coupon ticket or in the mode of use involved in issuing a whole or a part only of a ticket. It is not the mode of use, counsel insists, which is the subject of appellant's application, but the structural differences which are matters of substance and not merely matters of form. On this theory counsel says that appellant's transfer contains the same principles of patentability as were declared by the sixth circuit in *Cincinnati Traction Co. v. Pope*, 210 F. 443.

That was a case in which a patent to Pope for a transfer ticket was sustained. The Pope transfer ticket consisted of a body portion and a coupon. If the coupon was detached, the transfer was good only in the forenoon; if not detached, the transfer

was valid between noon and midnight. The patent was assailed as relating merely to—

"a method of transacting business, a form of contract, a mode of procedure, a rule of conduct, principle or idea, or a permissive function, predicated upon a thing involving no structural law."

The sixth circuit rejected this contention and held that the Pope transfer had physical characteristics which enabled it to be distinguished from any other transfer ticket. The ground upon which the decision rested, as has been indicated above, was that the patent involved physical structure, and it was held that Ham's patent, on the contrary, did not have what the court describes as—

"the fundamental structure of Pope's device".

Describing the Pope patent, the court said:

. . . the alleged patentable novelty does not reside in the arrangement of the printed text, nor does such text constitute merely a printed agreement. The argument to that effect overlooks the important consideration that the body alone is good at one time, and that the body and coupon are required for the other portion of the day; and that the ticket bears on its face, whether the body is used alone or with the coupon, the distinguishing indications. . . . The specifications do not confine the construction to either the style, or printed arrangement or language of the legends.

On the question of infringement the court thought that the Pope device differed from the Ham device in that in the case of the latter there could be no complete transfer ticket for one part of the day when a body portion is used separately and a complete transfer ticket for another part of the day when a body portion and coupon are used together. This difference, the court thought, created structural differences which are matters of substance and not of form.

Conceding, for the purposes we have in mind, the validity of this distinction, we think its principle cannot be applied in this case. Here we have a situation in which the Hoffner ticket and appellant's ticket show in general design the same physical structure. Appellant objects to this characterization, on the basis of his claim that patentability lies in the conception of a zone or locality of origin idea, as the result of which the transfer privileges are limited to the shortest route from the starting point to destination, and that this is assured by means of the physical structure of the transfer ticket, namely, because by means of the printing or legends on the transfer, the coupons are arranged in a particular order on the directional ticket,—and that this accomplishes the significance of localities. Apparently this means that the number of detached coupons increases as the car traverses its established route. But we are unable to discover any different peculiar physical structure in this respect between appellant's ticket and Hoffner's ticket. Each transfer, as we have seen, consists of a body portion and a number of detachable coupons. The ultimate purpose is the same in both cases. The method of accomplishing the purpose is largely, if not entirely, a matter of rules and regulations of the issuing company or, in other words, the manner of use. In appellant's transfer the conductor detaches the coupons at the point where the passenger enters the car, whereas in the Hoffner patent the conductor detaches it at the point of departure, which is the point of transfer. As the lower court points out, a passenger with appellant's transfer must board the other car at a place where his journey may be continued by the most direct route to destination, while the same passenger with the Hoffner transfer is required to board the car at the designated transfer point for the purpose also of reaching his destination by the most direct route. We can see nothing physically distinguishing in this arrangement.

[1] [2] In our opinion the lower court was correct in thinking that under the same rules and regulations, plus a new arrangement of printed matter, the coupons of Hoffner could just as well be made to indicate zones of origin of traffic, and in such circumstances the passenger could receive a transfer like appellant's both in form and in effect. It is a rule of universal application that an object is not patentable where its novelty consists wholly in an arrangement of printed matter or in a method or system of doing business. *In re Sterling*, 70 F.2d 910, 447 O. G. 999. Hoffner's transfer, as it seems to us, could by the use of different printed matter and by a change of rules and regulations be made to correspond precisely with appellant's transfer, both in use and form, and it is a rule of patent law that a patentee is entitled to all the uses of his invention whether known or unknown to him. *Potts* v. *Creager*, 155 U. S. 597, 606, 70 O. G. 494. Appellant's claim of patentability based on the extensive use of his transfer is entitled to weight only where the question of invention is in doubt. *Paramount Publix Corporation* v. *American Tri-Ergon Corporation*, 294 U. S. 464, 452 O. G. 701. In the present case we are of the opinion that appellant's transfer is anticipated by Hoffner, in view of the disclosure by Laurier, and that invention is lacking.

The decree is affirmed.

Affirmed.

U. S. Court of Appeals for the District of Columbia

MINNESOTA MINING AND MANUFACTURING COMPANY

v.

COE, COMMISSIONER OF PATENTS

No. 6,944. Decided June 30, 1938

1. INVENTION—MECHANICAL SKILL.
   "The use of mere skill to produce a desired improvement does not constitute invention. Nor is invention found in every slight advance which is made through the skill of those who, by reason of their employment, are aware of the constant demand of industry for new and improved appliances. The word skill, as used in the cases, is equally applicable to a chemist as to a mechanic, and to a laboratory as to a workbench."

2. SAME—RESULT OF EXPERIMENTAL RESEARCH.
   "Invention may appear when a result is produced which had never before been produced; when its need had been long realized, and 'Thousands of dollars had been spent and countless experiments had been performed in fruitless endeavors to accomplish [it] . . .' But a showing of great industry in experimental research is not in itself sufficient to constitute invention, when the product thereof differs from those of the prior art only in degree and the result—no matter how useful it may be—is merely one step forward in a gradual process of experimentation."

3. PATENTABILITY—ADHESIVE TAPE.
   Claims for an adhesive tape having a unified and pressure sensitive coating *Held* unpatentable as involving a change only in form, proportion, and degree plainly indicated by the prior art.

APPEAL from the District Court of the United States for the District of Columbia. Affirmed.

Mr. H. H. Benjamin, *Mr. Robert Coulter*, and *Mr. William H. Abbott*, for Minnesota Mining and Manufacturing Company.

Mr. R. F. Whitehead, for the Commissioner of Patents.

Before GRONER, STEPHENS, and MILLER, Associate Justices

MILLER, *A. J.*:

On May 24, 1930, Richard Gurley Drew applied for a patent on improvements in adhesive tape composition. Subsequently he assigned his rights to appellant. In November, 1932, the claims were rejected by the Primary Examiner, whose decision was affirmed by the Board of Appeals. Thereupon suit was commenced by appellant in the lower court under § 4915, R. S. (35 U. S. C. A. § 63). This appeal is from a decree dismissing appellant's bill.

Fourteen claims were set out in the application, all of which are involved on this appeal. Claims 1, 10, 11, and 14 are sufficiently illustrative, and are set out in the margin.[1]

The component parts of the composition constituting the subject-matter of the Drew application are rubber, a filler, a solvent and in some claims a resin, depending upon the type of rubber used. The composition of two examples set forth in his specification is as follows: (1) ten pounds of rubber, two pounds of cumaron gum or resin, one-half pound of zinc oxide; (2) two pounds of plantation rubber, five pounds of Mexican or wild rubber (high in resin content) and one pound of zinc oxide. The particular kind of rubber or resin is not relied upon as novelty. The proportions of solvents and resinous component may be varied to obtain the desired adhesive quality. This composition when used with a backer as a tape is characterized in the application as "normally pressure sensitive" and "unified". The former denotes the ability to adhere to a surface without the necessity of wetting. The term "unified" is used by the applicant to signify greater cohesion of the adhesive to the backing and inter se than adhesion to an outside surface to which it is applied. In other words, a unified adhesive tape, as that term is used in the application, is a tape capable of being applied by pressure alone and easily removed without damaging the surface or leaving a residue. It is this physical property of being "unified" and at the same time "pressure sensitive" which appellant contends makes its composition a new and useful product, differing in kind from that which went before.

In holding appellant's composition devoid of invention because revealed by the prior art, the Examiner relied particularly upon two references: patents to Teague, No. 1,719,948, July 9, 1929; and Healy, No. 1,752,557, April 1, 1930. His findings, so far as pertinent, are set out in the margin.[2]

The Healy patent relates to a cement for temporarily mounting sheets of material upon a common backing sheet, which cement will not stain or otherwise damage the surface and which will retain its tacky or adhesive character. A cement of this nature may be made of heat-treated crude rubber dissolved in any rubber solvent, such as 70° Baumé gasoline. A resin is not necessary but may be added to increase tackiness. One example of the proportions which may be used in the composition is: 12% degraded crepe rubber, 87½% solvent, and .5% colophony, a resin. Healy states that the exact proportions may be varied over substantial limits.

The patent to Teague is for an "Adhesive rubber composition" and discloses an intermixture of rubber, cumaron resin, and mineral filler. In its preferred state it is viscous, stringy, smooth, and tacky. It remains tacky when dried. One example of the proportions used in the composition is: 250 parts of water, 20 parts of cumaron resin, 14 parts of spindle oil, 100 parts of rubber, and .5 part of water soluble soap. In his specification he states that the proportions may be widely varied to meet the requirements of the use to which the adhesive is to be put.

The principal, although not the only, utility for appellant's product is as a masking tape for automobiles in the process of being painted. The universal adoption of spray-painting of automobiles created a need for a satisfactory method of con-

[1] "Claim 1. In an adhesive tape and for use therewith, a normally pressure sensitive adhesive material comprising rubber and a tackiness-augmenting agent comprising a resin in proportions rendering the product unified, normally pressure sensitive and removable, as aforesaid.

"Claim 10. In an adhesive tape and for use therewith, a coating composition comprising a water insoluble, unified, pressure sensitive adhesive material, including rubber as the base material and a modifying agent for the rubber, the modifying agent and rubber being in proportions to render the coating unified and pressure sensitive.

"Claim 11. In an adhesive tape, an adhesive composition comprising rubber, resin, a filler and a solvent, the residuum whereof including rubber about 80%, resin about 16%, and filler about 4%, the residuum coating whereof being normally pressure sensitive and unified.

"Claim 14. In an adhesive tape, an adhesive coating, comprising rubber about 25%, Mexican rubber, high in natural resin, about 62.5%, and zinc oxide about 12½%, the coating being normally pressure sensitive and unified."

[2] "It is clearly apparent that the adhesive disclosed by Healy fully anticipates the adhesive claimed in claims 1 to 10.

". . . Although Teague's adhesive is in emulsion form it still nevertheless is an adhesive composition possessing physical characteristics commensurate with those set forth by the applicant.

"Claims 1 to 10 are considered to read on Teague for reasons set forth and at most present unpatentable functional limitations thereover. It would be obvious for one skilled in this art to so vary Teague's proportions as to make an adhesive having the identical physical characteristics of the applicant's adhesive. Teague, page 2, lines 96–101 states that the physical characteristics of his adhesive can be widely varied by changes in proportion of ingredients.

"Claims 11 to 14 are drawn to the same invention set forth in claims 1 to 10 but these claims are more specific in reciting the proportions of the respective ingredients as well as including a filler such as zinc oxide. . . . The applicant in Example 1 discloses 5 parts of rubber to 1 part of resin. Teague discloses the same ratio and Healy closely approximates that ratio. Claims 11 to 14 are therefore believed to be properly rejected as lacking invention over Teague and Healy. . . . [Moreover] one skilled in the art and knowing the purpose for which these adhesivea are to be used, could so vary the proportions thereof as to produce adhesives embodying the identical physical characteristics of the applicant's adhesive."

trolling the application of the paint so that parts of the body surface, the glass, fittings, and hardware could, when desired, be protected from the spray. Prior to the introduction of appellant's tape, three methods of masking automobiles were in use. By the first method, the surface to be protected was coated with a starch or dextrin paste and paper was then applied, much in the same manner as wall paper is applied to a wall. This, however, required a costly and laborious process of cleaning the surface upon removal of the paper. The second method employed was to mask the surface with gummed paper—ordinarily a sheet of paper with a dry, hard tack coating consisting principally of glue or gelatin on one side. To render this tape adhesive it was necessary to apply water to the coating. This method proved unsatisfactory because of the tendency of the tape to lift when the water dried out, and because when it did stick, it was very difficult to remove. In many cases it was necessary to disintegrate the paper as by scrubbing with a brush or damp cloth. The third method of masking was to apply a cloth-backed pressure sensitive tape, very similar to the kind of rubber base adhesive tape used by surgeons. The evidence showed that some of the adhesive tapes so used by the trade as masking tapes are properly described as "pressure sensitive" as that term is used in Drew's application, but are not "unified" in the sense that he used that word because they have a tendency to leave a deposit of adhesive on the surface when removed therefrom.

The need for an adhesive which would correct the faults of such masking tapes prompted Drew—

"to do considerable research work in an effort to have such an adhesive available, recognizing that a tape carrying an adhesive of an improved nature would be superior to that available and therefore would be in demand."

There can be no question that several tapes known to the art have the combined properties of adhesiveness and cohesiveness. The term "pressure sensitive" describes nothing new and the word "unified" as used by appellant describes a new concept—if at all—only in degree. And it is in this degree of difference—effected by its composition—that the novelty and utility of appellant's claimed invention lies.

Briefly summarized, the situation was as follows: (1) masking tapes were needed and were used in automobile and other types of painting; (2) the tapes in use were less effective than needed because in some instances they were not sufficiently adhesive, in others because they were not sufficiently cohesive; (3) the next step in the development of this particular field of industry and manufacture called for a tape which would be "pressure sensitive", i. e., sufficiently adhesive upon direct application and "unified", i. e., sufficiently cohesive to be easily removable without leaving a residue after it had served its purpose; (4) Drew experimented with ingredients, the characteristics of which were generally known and used,[1] because of their adhesive and cohesive properties, and produced a tape having the comparative adhesive and cohesive properties desired; (5) his tape was accepted by the industry and was commercially successful. Was this sufficient to show invention? The Patent Office and the lower court answered the question in the negative and in our opinion that answer is correct.

[1] The use of mere skill to produce a desired improvement does not constitute invention.[4] Nor is invention found in every slight advance which is made through the skill of those who, by reason of their employment, are aware of the constant demand of industry for new and improved appliances.[5] The word "skill", as used in the cases, is equally applicable to a chemist as to a mechanic, and to a laboratory as to a work-bench.[6]

[2] Invention may appear when a result is produced which had never before been produced; when its need had been long realized, and—

"Thousands of dollars had been spent and countless experiments had been performed in fruitless endeavors to accomplish [it] . . ."[7]

But a showing of great industry in experimental research is not in itself sufficient to constitute invention,[8] when the product thereof differs from those of the prior art only in degree and the result—no matter how useful it may be—is merely one step forward in a gradual process of experimentation.[9]

[1] See Weber, The Chemistry of Rubber Manufacture (1926), 169, 237, 344.

[4] "The design of the patent laws is to reward those who make some substantial discovery or invention, which adds to our knowledge and makes a step in advance in the useful arts. . . . It was never the object of those laws to grant a monopoly for every trifling device, every shadow of a shade of an idea, which would naturally and spontaneously occur to any skilled mechanic or operator in the ordinary progress of manufactures." *Atlantic Works* v. *Brady*, 107 U. S. 192, 200.

". . . all improvement is not invention, and entitled to protection as such. Thus to entitle it, it must be the product of some exercise of the inventive faculties, and it must involve something more than what is obvious to persons skilled in the art to which it relates." *Pearce* v. *Mulford*, 102 U. S. 112, 118. See, also, *Aro Equipment Corp.* v. *Herring-Wissler Co.*, 8 Cir., 84 F.(2d) 619, 622.

[5] "The process of development in manufactures creates a constant demand for new appliances, which the skill of ordinary head-workmen and engineers is generally adequate to devise, and which, indeed, are the natural and proper outgrowth of such development. Each step forward prepares the way for the next, and each is usually taken by spontaneous trials and attempts in a hundred different places. To grant to a single party a monopoly of every slight advance made, except where the exercise of invention, somewhat above ordinary mechanical or engineering skill, is distinctly shown, is unjust in principle and injurious in its consequences." *Atlantic Works* v. *Brady*, supra note 4, at 199–200.

[6] "Obviously, if the problem which Donner solved was one which could have been solved by the ordinary chemist skilled in the art working toward the same end and under like conditions, what Donner did was not invention." *Donner* v. *Sheer Pharmacal Corp.*, 8 Cir., 64 F.(2d) 217, 221; cert. denied, 290 U. S. 658 (and see cases there cited). See, also, *Railroad Supply Co.* v. *Elyria Iron & Steel Co.*, 244 U. S. 285, 292.

[7] *United States Industrial Chemical Co.* v. *Theros Co.*, 4 Cir., 25 F.(2d) 387, 390, cert. denied, 278 U. S. 608.

[8] See *Busell Trimmer Co.* v. *Stevens*, 137 U. S. 423, 435.

[9] *Railroad Supply Co.* v. *Elyria Iron & Steel Co.*, supra note 6; *David Belais, Inc.*, v. *Goldsmith Bros. Smelting & Refining Co.*, 2 Cir., 10 F.(2d) 673, 675, cert. denied, 271 U. S. 687. See, also, *Brady Brass Co.* v. *Ajax Metal Co.*, 3 Cir., 160 F. 84, 90, cert. denied, 210 U. S. 433; *Western Willite Co.* v. *Trinidad Asphalt Mfg. Co.*, 8 Cir., 16 F.(2d) 446, 448, cert. denied, 274 U. S. 737.

"It may be admitted that Orcutt's later patent performed the work it was designed to accomplish in a better and more workmanlike manner than any of the preceding cutters patented, because, as already stated, there were constant improvements in the art to which it related. . . . Such improvement, however, was an improvement in degree only, and was, therefore, not patentable. *Burt* v. *Evory*, 133 U. S. 349, and cases there cited." *Busell Trimmer Co.* v. *Stevens*, supra note 8, at 435.

[3] There was no new idea involved in the claimed invention in this case; nor even a new use made of an old idea.[10] It was no more than a carrying forward of the original idea of using an adhesive tape as a mask for spray-painting, which was well known in the industry. While the Drew composition constituted a more effective combination of familiar ingredients than those previously used, the result was not new within the meaning of patent law, and did not rise to the dignity of invention.[11] The use of his composition accomplished the same thing in the same way, by substantially the same means, with better results. This did not constitute such an invention as to sustain a patent.[12]

The general characteristics of rubber for adhesiveness and cohesiveness when combined with resin, fillers—such as zinc oxide—and solvents, as specified in appellant's claims, were known. Years of experimentation had been devoted to the subject of rubber adhesives, resulting in the production of many varieties of tapes, cements, and other products well known to laymen as well as to those trained in the art. The final product, upon which a patent is claimed here, came as a result of this long and gradual process of experimentation and differs from those of the prior art only[13] in degree and only as to relative adhesiveness and cohesiveness. No new element was introduced, no startling, unexpected, or radical result was produced. The change made as a result of Drew's research was a change only in form, proportion, and degree, plainly indicated by the prior art.[14] It was an easy step rather than a difficult one.[15]

It is objected by appellant that neither reference relied on by the Patent Office would produce the result which he achieved. That, however, is not necessary in order to defeat its claim for a patent.

"An anticipating patent, though crude and commercially undesirable, may teach one skilled in the art how to make it a commercial success without invention."

Application of Talley, 288 F. 453, 455, 53 App. D. C. 99, 101. Moreover, the result is the same whether what preceded was covered by patent or, as here, rested also very largely in public knowledge and use. *Smith* v. *Nichols*, 21 Wall. [88 U. S.] 112, 119. In other words, it is not necessary to show who did invent a thing in order to show that a particular claimant did not. *Milburn Co.* v. *Davis-Bournonville Co.*, 270 U. S. 390, 401.

Appellant relies upon the decision in *Eibel Process Co.* v. *Minnesota & Ontario Paper Co.*, 261 U. S. 45, 310 O. G. 3. But in that case the result produced was new and startling. As the Court said (p. 55):

"The defendant's witnesses [adverse to the claimant] without exception refer to that disclosure as something that surprised and startled the paper-making trade. It spread, to use the expression of one witness, like wild fire."

In the present case it appears that appellant's masking tape was favorably received but there is nothing to indicate that the world of spray-painting was startled or even mildly surprised.[16] There is nothing in fact to indicate anything more than that a good article was put on the market and accepted by a willing industry. This result is one which has frequently followed the use of skill in manufacture coupled with advertising and good salesmanship.[17] It does not prove invention. "Commercial success, however, cannot supply inventive genius to a device that has none. Ability to sell is not inventive genius." *Tropic-Aire, Inc.*, v. *Sears*,

[10] ". . . it is not a patentable invention to apply old and well-known devices and processes to new uses, in other and analogous arts." *Lovell Mfg. Co.* v. *Cary*, 147 U. S. 623, 637; *Ansonia Brass & Copper Co.* v. *Electrical Supply Co.*, 144 U. S. 11; *Friend* v. *Burnham & Morrill Co.*, 1 Cir., 55 F.(2d) 150; *Leander Development Corp.* v. *Taft-Buick Corp.*, 2 Cir., 42 F.(2d) 823. But cf. *Barry* v. *Harpoon Castor Mfg. Co.*, 2 Cir., 209 F. 207.

[11] *Berlin Mills Co.* v. *Procter & Gamble Co.*, 254 U. S. 156, 166. See, also, *Economy Fuse & Mfg. Co.* v. *Coe*, 86 F.(2d) 850, 66 App. D. C. 294; *Glue Co.* v. *Upton*, 97 U. S. 3, 6; *Busell Trimmer Co.* v. *Stevens*, supra note 8.

[12] *Smith* v. *Nichols*, 21 Wall. [88 U. S.] 112, 118–119; *Roberts* v. *Ryer*, 91 U. S. 150; *Belding Mfg. Co.* v. *Challenge Corn Planter Co.*, 152 U. S. 100; *Market Street Cable Ry.* v. *Rowley*, 155 U. S. 621, 629; *Railroad Supply Co.* v. *Elyria Iron & Steel Co.*, supra note 6, at 293; *Burt* v. *Evory*, 133 U. S. 349, 358–359.

"'It is the invention of what is new, and not the arrival at comparative superiority or greater excellence in that which was already known, which the law protects as exclusive property and which it secures by patent.'" *Stearns & Co.* v. *Grove's Laboratories*, 8 Cir., 87 F.(2d) 822, 824. See *David Belais, Inc.*, v. *Goldsmith Bros. Smelting & Refining Co.*, 2 Cir., 10 F.(2d) 673, cert. denied, 271 U. S. 687; *Brady Brass Co.* v. *Ajax Metal Co.*, supra note 9. Compare the language in *Bethlehem Steel Co.* v. *Churchward International Steel Co.*, 3 Cir., 268 F. 361, cert. denied, 255 U. S. 572; *Francis* v. *Mellor*, 9 Fed. Cas. No. 5039, 5 Fisher's Patent Cases 153, 159. See 1 Walker, Patents (Deller's ed. 1937) § 37; *In re Coffield*, 270 F. 695, 50 App. D. C. 259.

[13] See cases cited in notes 9 and 12 supra, and see, also, *Brown* v. *Piper*, 91 U. S. 37, 41; *Pennsylvania R. R.* v. *Locomotive Engine Safety Truck Co.*, 110 U. S. 490, 494; *Dreyfus* v. *Searle*, 124 U. S. 60, 64; *Concrete Appliances Co.* v. *Gomery*, 269 U. S. 177, 184, 185; *Paramount Publix Corp.* v. *American Tri-Ergon Corp.*, 294 U. S. 464, 473; *Pick* v. *Coe*, (Nos. 6988 and 6989, decided this day) — F.(2d) —, — App. D. C. —.

[14] *Kirsch Mfg. Co.* v. *Gould Mersereau Co.*, 2 Cir., 6 F.(2d) 793, 794.

[15] The facts of the present case bring it rather within the following dictum of the Eibel case: "On the other hand, if all knew that the source of the trouble Eibel was seeking to remedy was where he found it to be and also knew that increased speed of the stock would remedy it, doubtless it would not have been invention on his part to use the pitch of the wire to increase the speed of the stock when such pitch had been used before to do the same thing although for a different purpose and in a less degree." [261 U. S. at 68.]

[16] *Duer* v. *Corbin Cabinet Lock Co.*, 149 U. S. 216, 223–224; *International Flatstub Check Book Co.* v. *Young & Selden Co.*, 4 Cir., 284 F. 831, 832; *McClain* v. *Ortmayer*, 141 U. S. 419, 428: "That the extent to which a patented device has gone into use is an unsafe criterion even of its actual utility, is evident from the fact that the general introduction of manufactured articles is as often effected by extensive and judicious advertising, activity in putting the goods upon the market and large commissions to dealers, as by the intrinsic merit of the articles themselves. The popularity of a proprietary medicine, for instance, would be an unsafe criterion of its real value, since it is a notorious fact that the extent to which such preparations are sold is very largely dependent upon the liberality with which they are advertised, and the attractive manner in which they are put up and exposed to the eye of the purchaser. If the generality of sales were made the test of patentability, it would result that a person by securing a patent upon some trifling variation from previously known methods might, by energy in pushing sales or by superiority in finishing or decorating his goods, drive competitors out of the market and secure a practical monopoly, without in fact having made the slightest contribution of value to the useful arts."

Roebuck & Co., 8 Cir., 44 F.(2d) 580, 593, cert. denied, 282 U. S. 904.[17]

In *Economy Fuse & Mfg. Co.* v. *Coe*, 86 F.(2d) 850, 66 App. D. C. 294, we said of the invention there claimed:

"While appellant has produced a moldable composition of greater strength than that of Kempton and greater moldability than that of Smith, we are constrained to rule that the result obtained was merely a change in degree."

In the present case it may as pertinently be said: While appellant has produced an adhesive, cohesive—pressure sensitive, unified—tape, of greater relative adhesion than Teague, and greater relative cohesion than Healy, the result obtained was merely a change in degree.

In view of our determination that there was no invention, it is not necessary to consider the other contentions or assignments.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE BURGESS

No. 3,895. Decided February 28, 1938

[94 F.(2d) 811]

PATENTABILITY—PROCESS OF MAKING COFFEE.

Claim for a process of making coffee *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. Louis Burgess, pro se.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

BLAND, *J.*:

The Primary Examiner of the United States Patent Office allowed several apparatus claims in appellant's application for a patent on a coffee machine but refused to allow claim 33, drawn to a process of making coffee, on the grounds that there was want of invention over the prior art and that the claim merely defined the function of a particular coffee-making device.

The Board of Appeals affirmed the action of the Examiner for reasons which will be set out hereinafter in a quotation from its opinion.

From the decision of the Board, affirming that of the Examiner, the applicant has appealed here.

The references relied upon are: McAllen, 1,668,540, May 1, 1928; Englund, 1,789,334, January 20, 1931.

The single claim involved reads as follows:

33. Process of making beverage coffee, which comprises admixing hot water with a predetermined charge of ground roasted coffee thereby forming a mixture, holding said water and coffee in contact for a period sufficient to permit substantially all of said coffee to acquire a density in excess of that of water, thereafter introducing said mixture to a centrifuge basket of the imperforate overflow type, rotating the mixture in said basket the rate of introduction of said mixture to said basket and the speed of rotation of said basket being so coordinated that all the overflow from said basket is finished coffee beverage, separately collecting and conducting away the said finished coffee beverage.

The process is sufficiently described in the claim. After mixing the finely ground coffee with hot water and allowing it to remain in contact for a definite period, the grounds are separated from the liquid by a centrifuge basket of the imperforate overflow type.

The patent to McAllen is for an automatic coffee-making machine. The Examiner correctly states that McAllen discloses the process here claimed except that McAllen separates the grounds from the liquid by means of a strainer instead of a centrifuge.

Englund discloses a process of making coffee in which the grounds are separated from the liquid by a centrifuge basket of the imperforate type.

The Examiner was of the opinion that the substitution of one grounds filtering or separating means for another does not result in a new coffee-making process, that if the claim was properly drawn it would read directly on McAllen, and that in any event it was old, as shown by Englund, to separate the grounds from the liquid by centrifuge.

The Board of Appeals, in affirming the decision of the Examiner, stated:

• • • [In the McAllen patent] A screen is employed to facilitate the separation of the grounds from the liquid and it is the Examiner's opinion that in a process claim there is no patentable distinction in employing a centrifuge instead of a screen for performing the separation.

We have given careful consideration to both the oral and written arguments of appellant but we are unable to discover why there would be any particular advantage in separating the liquid from the grounds in the McAllen procedure by a centrifuge instead of by a screen. Certainly some steeping would occur while the coffee is being separated in either event, and therefore it would be possible to start the separating action slightly before the coffee was ready for use. We can see no invention in starting this operation as soon as possible. The use of hot water to speed up the preparation we also regard as obvious.

It may be possible that appellant has discovered that coffee, ground to a certain degree of fineness and mixed with hot water without the application of extraneous heat, can be separated from the grounds and prepared in a very short period. We find nothing in the appealed claim, however, that definitely sets forth such a process nor are we satisfied that appellant has made any patentable discovery along this line. For the reasons above stated, we are of the opinion that the use of a centrifuge in the manner claimed is an obvious substitute for the separating action of McAllen, particularly as such centrifuges had previously been employed in coffee separation as shown by Englund. We also are not convinced that any unobvious result flows from its use.

The Board's views as above stated are ours. Comment on the same seems unnecessary. McAllen's device performs the process claimed by appellant except as to the means of separating the coffee from the liquid. Englund shows this feature. Clearly, there would be no invention in substituting the separation process of Englund for that of McAllen.

The decision of the Board of Appeals is affirmed.

Affirmed.

[17] Although commercial success of a product may under some circumstances be persuasive as evidence of invention (*Tropic-Aire, Inc.*, v. *Sears, Roebuck & Co.*, 8 Cir., 44 F.(2d) 580, 591, cert. denied, 282 U. S. 904; *Temco Elec. Motor Co.* v. *Apco Mfg. Co.*, 275 U. S. 319), it is by no means conclusive (*Eibel Process Co.* v. *Minnesota & Ontario Paper Co.*, 261 U. S. 45, 56; *McClain* v. *Ortmayer*, 141 U. S. 419, 429) and in fact may not even be resorted to for that purpose, unless the question is in doubt. *Textile Machine Works* v. *Hirsch Textile Machines, Inc.*, 302 U. S. 490, 498; *Stearns & Co.* v. *Grove's Laboratories*, 8 Cir., 87 F.(2d) 822; *Caton* v. *Daniels*, 7 Cir., 72 F.(2d) 993; *Aro Equipment Corp.* v. *Herring-Wissler Co.*, supra note 4; *Tropic-Aire, Inc.*, v. *Sears, Roebuck & Co.*, supra, at 592.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,297,188, I. Langmuir, System for amplifying variable currents; 1,573,374, P. A. Chamberlain, Radio condenser; 1,707,617, 1,795,214, E. W. Kellogg, Sound reproducing apparatus; 1,894,197, Rice & Kellogg, same; 1,728,879, same, Amplifying system, D. C., N. D. Ill., E. Div., Doc. 14975, *R. C. A. et al.* v. *E. W. Ehman et al.* (*The Alonson Co.*). Decree of Mar. 18, 1936, finding patents valid and infringed, made final, except as to reference to Master, Apr. 25, 1938.

1,300,796, J. F. White, Hood fastener; 1,300,797, same, Hood latch, D. C., N. D. Ill., E. Div., Doc. 11414, *Chicago Forging & Mfg. Co.* v. *Stewart-Warner Corp. et al.* Dismissed without prejudice July 13, 1937.

1,300,797. (See 1,300,796.)

1,335,651, H. C. Bullis, Talking picture apparatus, D. C., S. D. Calif. (Los Angeles), Doc. E 1119–Y, *Sound Picture Patent Co.* v. *Metro-Goldwyn-Mayer Corp.* Dismissed for want of equity July 13, 1938.

1,379,008, A. B. Frenier, Temperature producing mechanism and controlling means therefor; Re. 17,405, L. L. Scott, Oil burning heating system; 1,602,175, same, Electric control system for fuel oil burners; 1,579,497, L. I. Aldrich, Safety control mechanism for electrically controlled fuel burning devices, D. C., E. D. N. Y., Doc. E 8240, *Minneapolis-Honeywell Regulator Co. et al.* v. *Thermoco, Inc.* Decree for plaintiff on question of jurisdiction June 1, 1938 (formerly published in 492 O. G., p. 701).

1,403,475, H. D. Arnold, Vacuum tube circuit; 1,403,932, R. H. Wilson, Electron discharge device; 1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system; 1,618,017, F. Lowenstein, Wireless telegraph apparatus; 1,702,833, W. S. Lemmon, Electrical condenser; 1,811,095, H. J. Round, Thermionic amplifier; 1,936,162, R. A. Heising, Transmission system; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation, D. C., N. D. Ill., E. Div., Doc. 14974, *R. C. A. et al.* v. *E. W. Ehman et al.* Decree pro confesso as to all defendants, finding patents valid and infringed, injunction Mar. 18, 1936. Decree made final Apr. 25, 1938.

1,403,932. (See 1,403,475.)

1,451,901, 1,451,903, 1,451,904, C. Field, Heat transferring apparatus; 1,451,902, same, Method of separating a brittle product from a base, filed Feb. 17, 1938, D. C. Conn. (New Haven), Doc. E 2684, *Flakice Corp.* v. *F. Short.*

1,451,902. (See 1,451,901.) 1,451,903. (See 1,451,901.)

1,451,904. (See 1,451,901.) 1,489,717. (See 1,621,482.)

1,507,016. (See 1,403,475.)

1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system, D. C., S. D. Calif. (Los Angeles), Doc. E 1268–C, *Western Electric Co., Inc., et al.* v. *C. J. Birtcher, Inc.* Dismissed without prejudice Apr. 15, 1938.

1,507,017. (See 1,403,475 and 1,507,016.)

1,514,106, 1,613,134, J. C. Savage, Smoke luminous or other trails from aircraft, D. C., N. D. Ill., E. Div., Doc. 14540, *The Sky Writing Corp. of America* v. *Phillips Petroleum Corp. et al.* Claims 1 and 5 of 1,514,106 held not infringed, dismissed for want of equity Dec. 15, 1936. Decree affirmed June 20, 1938. Note: Patent 1,613,134 will not be urged at trial.

1,526,982, E. H. Hill, Stencil sheet, D. C. N. J., Doc. E 4372, *A. B. Dick Co.* v. *B. M. Turner.* Decree made final Apr. 1, 1938. Same, D. C., E. D. Mich. (Detroit), Doc. 6995, *A. B. Dick Co.* v. *C. H. Eddy* (*Stain-Go Laboratories*). Consent decree for plaintiff June 27, 1938.

1,573,374. (See 1,297,188.)

1,576,375, J. M. Spinks, Attachment for weighing scales, D. C., N. D. Ga. (Atlanta), Doc. E 801, *J. M. Spinks* v. *The Howe Scale Co. of Georgia.* Dismissed (notice July 5, 1938).

1,580,670, B. Nagy, Delivery mechanism for bottle cap assembling machine, D. C., E. D. N. Y., Doc. E 8405, *B. Nagy* v. *L. Mundet & Son, Inc.* Bill dismissed in favor of defendant July 8, 1938.

1,583,496, W. L. Shafer, Heat-regulating system, D. C., N. D. Ill., E. Div., Doc. 15281, *General Electric Co.* v. *Barber-Colman Co.* Dismissed without prejudice May 5, 1938.

1,584,531, H. L. Hagan, Stereopticon slide, suit for declaratory judgment, D. C., N. D. Ill., E. Div., Doc. 15392, *Hollywood Amusement Co., Inc.*, v. *F. C. Brady* (*Screeno Amusement Co.*). Dismissed for want of equity May 10, 1938.

1,586,433, C. T. Wittstein, Moisture-proof scribable sheet, tag, and the like, D. C. N. J., Doc. E 5740, *C. Bronner et al.* v. *F. J. Kierman et al.* Dismissed June 6, 1938.

1,589,581, Young & Gephart, Ventilator, C. C. A. (St. Louis), Doc. 11074, *H. H. Robertson Co.* v. *Klauer Mfg. Co.* Doc. 11075, *Klauer Mfg. Co.* v. *H. H. Robertson Co.* Decree affirmed, in each of above cases.

1,595,241, R. O. Nelson, Automatic phonograph, filed July 15, 1938, D. C., W. D. Mich. (Grand Rapids), Doc. E 2833, *Automatic Instrument Co.* v. *I. Hecht et al.* (*Hecht Produce Co.*).

1,603,207, T. Huston, Paper bag and seal, D. C., N. D. Ala. (Birmingham), Doc. 937, *Tom Huston Peanut Co.* v. *It's Products Co. et al.* Dismissed without prejudice upon motion of plaintiff July 8, 1938.

1,613,134. (See 1,514,106.) 1,618,017. (See 1,403,475.)

1,621,482, J. Reid, Method of producing advertising signs in the air and product; 1,489,717, J. C. Savage, Method of producing advertising signs of smoke in the air, D. C., N. D. Ill., E. Div., Doc. 14539, *J. C. Savage* v. *Phillips Petroleum Corp. et al.* Claims 1 and 4 of 1,621,482 and claims 1 and 6 of 1,489,717 held invalid for want of invention, bill dismissed Dec. 15, 1936. Decree affirmed June 20, 1938.

1,627,356, H. F. Towner, Disc cultivator, D. C., S. D. Calif. (Los Angeles), Doc. E 17 N D, *H. B. Rapp et al.* (*Towner Mfg. Co.*). v. *Goble Disc Works, Inc.* Dismissed June 6, 1938.

1,668,675, E. C. Fey, Gallery rifle; 1,743,337, same, Rifle range; 1,743,201, same, Apparatus for indicating the accuracy of aim, D. C., N. D. Ill., E. Div., Doc. 15665, *E. C. Fey* v. *G. W. Gerber et al.* (*Gerber & Glass Distributing Co.*). Consent decree finding patents valid and infringed, injunction May 6, 1938.

1,684,900, C. B. Waters, Automobile circulation and heating system; 1,880,620, C. H. Will, Automobile heater and deflector therefor; 1,834,141, V. J. Butterfield, Fitting for automotive vehicle heaters; 1,892,506, H. W. Fink, Deflector for automobile heaters, D. C., N. D. Ill., E. Div., Doc. 14846, *Tropic-Aire, Inc.*, v. *Auto Radiator Mfg. Co.* Patents 1,880,620 and 1,892,506 dismissed without prejudice Jan. 20, 1937. Bill dismissed for want of equity (findings as to 1,684,900 and 1,834,141 filed with decree) Mar. 5, 1937. Decree affirmed Apr. 25, 1938.

1,685,272, 1,685,906, 1,739,490, 1,743,113, 1,744,913, W. J. Campbell, Slicing machine, D. C., N. D. Ill., E. Div., Doc. 9670, *American Slicing Machine Co.* v. *The A. J. Deer Co., Inc., et al.* Decree pro confesso, finding patents valid and infringed, injunction June 22, 1938.

1,685,906. (See 1,685,272.)

1,690,109, R. A. Gross, Collapsible box; 1,758,510, same, Paper box; 1,940,213, same, Knockdown paper box with cover, N. D. Ill., E. Div., Doc. 15759, *Simplex Paper Box Corp.* v. *Acme Paper Box & Case Co.* Consent decree holding patents valid and infringed, injunction May 23, 1938.

1,702,833. (See 1,403,475.) 1,707,617. (See 1,297,188.)

1,718,025. (See Re. 18,841.)

1,728,879. (See 1,297,188.)

1,739,450. (See Re. 17,889.)

1,739,490. (See 1,685,272.)

1,743,113. (See 1,685,272.) 1,743,201. (See 1,668,675.)

1,743,337. (See 1,668,675.) 1,744,913. (See 1,685,272.)

1,758,510. (See 1,690,109.)

1,764,573, C. W. Mueller, Sewing machine work support; 1,989,602, 1,905,391, same, Sewing machine, D. C., N. D. Ill., E. Div., Doc. 14625, *Lewis Invisible Stitch Machine Co.* v. *C. L. Calish* (Debutante Dress Co.). Doc. 14626, *Lewis Invisible Stitch Machine Co.* v. *H. A. Satin & Co., Inc.* Doc. 14652, *Lewis Invisible Stitch Machine Co.* v. *Boris Smoler & Sons, Inc.* Dismissed June 24, 1938, in each of above cases.

1,765,317. (See Re. 17,139.)

1,774,913. (See Re. 17,139.)

1,775,787. (See Re. 17,139.)

1,795,214. (See 1,297,188.)

1,796,812. (See Re. 17,139.)

1,811,095. (See 1,403,475.)

1,811,428, C. M. Dibble, Broiler; 1,941,541, same, Stove drawer; 2,029,257, same, Cooking stove, D. C., N. D. Ill., E. Div., Doc. 15677, *The Moore Corp.* v. *Borg-Warner Corp.* Claims 5 to 9 incl. of 1,811,428, and claims 1 and 2 of 1,941,541 held invalid Apr. 19, 1938.

1,834,141. (See 1,684,900.)

1,843,655. (See Re. 17,139.)

1,848,147. (See Re. 17,139.)

1,871,432. (See Re. 17,889.)

1,880,620. (See 1,684,900.) 1,892,506. (See 1,684,900.)

1,894,197. (See 1,297,188.) 1,905,391. (See 1,764,573.)

1,930,207. (See Re. 17,889.)

1,933,667. (See Re. 17,889.)

1,936,162. (See 1,403,475.) 1,940,213. (See 1,690,109.)

1,941,541. (See 1,811,428.) 1,989,602. (See 1,764,573.)

1,998,426. (See Re. 18,550.)

2,029,257. (See 1,811,428.)

2,048,570, 2,048,571, Des. 99,554, Des. 99,732, S. C. Slaymaker, Padlock, D. C., E. D. Pa., Doc. 9555, *The Slaymaker Lock Co.* v. *I. P. Reese* (*Reese Padlock Co.*). Dismissed June 24, 1938.

2,048,571. (See 2,048,570.)

2,053,989, E. G. Goodwin, Bolster damper; 2,053,990, same, Anti-oscillating device; 2,053,991, same, Snubber, suit for declaratory judgment, D. C., N. D. Ill., E. Div., Doc. 16072, *Standard Car Truck Co.* v. *Holland Co.* Discontinued without prejudice June 28, 1938.

2,053,990. (See 2,053,989.) 2,053,991. (See 2,053,989.)

2,082,689. (See Des. 95,668.)

Re. 17,139, Vulliet & Deschatres, Shears; 1,765,317, G. A. Ungar, Cutting blade for shears; 1,843,655, same, Cutting shears; 1,848,147, same, Portable shears; 1,775,787, Steudorff & Heller, Power-driven shear; 1,796,812, same, Shears, filed June 24, 1938, D. C. Conn. (New Haven), Doc. E 2707, *The Stanley Works* v. *The C. S. Mersick Co.*

Re. 17,393. (See Re. 18,841.)

Re. 17,889, R. B. Fageol, Road vehicle; 1,871,432, 1,739,450, same, Multiple wheel road vehicle; 1,933,667, same, Tandem axle drive; 1,930,207, A. I. Marcum, Road vehicle construction, suit for declaratory judgment, D. C., N. D. Ill., E. Div., Doc. 14605, *Automotive Engineering Corp.* v. *Hendrickson Motor Truck Co.* Bill and counterclaim dismissed without prejudice May 11, 1938.

Re. 18,550, J. Snarck, Fagoting embroidery and method of manufacturing same; 1,998,426, same, Device for folding and initially hot-pressing marginal edges of slits in fabrics, filed June 22, 1938, D. C., S. D. N. Y., Doc. E 87/176, *J. Snarck* v. *U. S. Stitching Corp.*

Re. 18,579. (See 1,403,475.)

Re. 18,841 (of Re. 17,393), J. Mayer, Hair waving method; 1,718,025, R. Bishinger, Hair curling appliance, suit for declaratory judgment, D. C., N. D. Ill., E Div., Doc. 15848, *The Philad Co.* v. *American Beauty Products Co.* Consent decree finding Re. 18,841 and 1,718,025, valid, all three patents infringed, injunction May 31, 1938.

Des. 87,445, Des. 93,423, A. S. Samuels, Ring, filed June 22, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4282–S, *A. S. Samuels Co.* v. *W. J. Flood* (*Flood's Jewelers*).

Des. 93,423. (See Des. 87,445.)

Des. 95,668, B. A. Dickerson, Lamp; 2,082,689, Des. 104,094, same, Portable lamp, D. C., N. D. Ill., E. Div., Doc. 15721, *Faries Mfg. Co.* v. *Art Specialty Co.* Consent decree holding patents valid and infringed, injunction Apr. 19, 1938.

Des. 99,554. (See 2,048,570.)

Des. 99,732. (See 2,048,570.)

Des. 104,094. (See Des. 95,668.)

Des. 109,605, G. Cippico, Smoking device, filed May 11, 1938, D. C., E. D. Wis. (Milwaukee), Doc. 5284, *Zeus Corp.* v. *Walgreen Co.* Dismissed upon stipulation July 19, 1938, Doc. 5289, *Zeus Corp.* v. *Bornheimer Cigar Stores Co.* Decree pro confesso holding patent valid July 23, 1938.

T. M. 282,214. (See T. M. 324,107.)

T. M. 288,674. (See T. M. 324,107.)

T. M 324,106 (See T. M. 324,107.)

T. M. 324,107, T. M. 324,108, T. M. 324,106, T. M. 288,674, T. M. 282,214, Adam Hat Stores, Inc., Men's hats, D. C., N. D. Ill., E. Div., Doc. 16004, *Adam Hat Stores, Inc.*, v. *Adam Hat Shop, Inc., et al.* Dismissed without prejudice May 19, 1938.

T. M. 324,108. (See T. M. 324,107.)

Changes in Classification

Order No. 3,439, August 10, 1938, directs:

In *class 26, Textiles, Cloth Finishing* (Division 21), change the title of subclass 2 to read as follows:

2 Pile fabrics;

cancel the existing definition of this subclass and establish the following in lieu thereof:

2. Inventions peculiar to the finishing of a fabric having a surface consisting of a plurality of upstanding thread ends or loops.
(1) Note.—See this class, subclass 8.
(2) Note.—For pile fabric finishing with ornamentation, see this class, subclass 69.
(3) Note.—Compare with napping mechanisms in this class, subclass 29 and indented subclasses.

In *class 119, Animal Husbandry* (Division 2), establish the following subclass and definition:

Feeding devices
Hoppers and troughs
Adjustable supply
53.5 Animal-controlled.

53.5. Combined hoppers and troughs under subclass 53 provided with means for causing or controlling the flow of feed from hopper to trough, operated by pressure from the feeding animal, generally applied through the animal's nose or forehead.
Note.—For other animal-controlled feeding or watering devices, see this class, subclasses 54, 55, 75 and 76.

The patents contained in this subclass have been taken for the most part from class 119, subclass 53.

In *class 119, Animal Husbandry* (Division 2), subclass 54, cancel the note following the definition and substitute therefor:

Note.—**Search this class**, subclasses 53.5 and 75;

and in subclass 75, in the search note following the definition, cancel "subclass 54" and insert *subclasses 53.5 and 54*.

In *class 192, Clutches and Power-Stop Control* (Division 47), establish the following subclass and definition:

Clutches
30.5 Impact delivery type.

30.5. Clutches under subclass 30, normally in engagement, adapted to disengage upon overload and automatically reengage. An impact is delivered to the driven part by such automatic reengagement. These clutches are usually designed for use in power wrenches and the like and may have a manual means to cause the initial engagement.
(1) Note.—For overload release coupling devices which are normally in engagement but do not deliver an impact upon reengagement, see class 64, MACHINE ELEMENTS, SHAFTING AND FLEXIBLE SHAFT COUPLINGS, subclass 28 and indented subclasses.
(2) Note.—For those coupling devices which are not normally in engagement but are engaged by either inertia or a centrifugal force, see class 74, MACHINE ELEMENTS AND MECHANISMS, subclass 64.

The patents contained in this subclass have been taken for the most part from class 64, Machine Elements, Shafting and Flexible Shaft-Couplings, subclasses 28–30, and from various pertinent subclasses in class 192.

In *class 64, Machine Elements, Shafting and Flexible Shaft Couplings* (Division 45), subclass 28, add to note (3) after the definition the following:

Clutches, normally in engagement, adapted to disengage upon overload and automatically reengage with an impact or blow, are found in subclass 30.5 of class 192.

In *class 74, Machine Elements and Mechanisms* (Division 12), subclass 64, number the present note (*1*) and add the following note:

(2) Note.—Clutches, normally in engagement, adapted to disengage upon overload and automatically reengage with an impact or blow, are found in class 192, CLUTCHES AND POWER-STOP CONTROL, subclass 30.5.

In *class 58, Horology* (Division 61), subclass 126, number the existing note (*1*) and add to the definition the following note:

(2) Note.—For dials and pointers of general application, see class 116, SIGNALS AND INDICATORS, subclass 129 in particular.

In *class 122, Liquid Heaters and Vaporizers* (Division 46), subclass 504, in the second note following the definition, in the reference to class 137, Water Distribution, change the subclass number "137" to *153*, and in next to the last line of the same note cancel "102."

In *class 123, Internal Combustion Engines* (Division 28), subclass 97, in the fourth note following the definition, change the reference to subclass 165 to read *146.5 and indented subclasses*.

In *class 134, Liquid Coating Compositions* (Division 64), subclass 51, in the third line of the definition, change "51 and 52" to *52 and 53*.

In *class 166, Wells* (Division 38), subclass 10, cancel note (2) following the definition.

In *class 247, Electrical Conduits and Housings* (Division 52), under "Search classes" following the main class definition, change "137, Water Distribution," to read *138, Pipes and Tubular Conduits*.

In *class 256, Fences* (Division 1), subclass 71, in the second note following the definition, cancel "189, Metallic Building Structures, subclass 26.2 and indented subclasses," and substitute:

287—ROD JOINTS OR COUPLINGS, for rod joints and couplings, particularly subclasses 49 and 50.

In *class 257, Heat Exchange* (Division 32), subclasses 160 and 162, change the search note following the definition to read:

285—PIPE JOINTS OR COUPLINGS, for general coupling constructions.

In *class 280, Land Vehicles* (Division 10), subclass 160, add to the definition the following note:

Note.—For scrapers mounted ahead of vehicle wheels to level ridges in the path of the wheels, see class 37, EXCAVATING, particularly subclass 180.

In *class 285, Pipe Joints or Couplings* (Division 52), subclass 205, at the beginning of the fifth note following the definition, cancel the entire reference to class 16, Miscellaneous Hardware.

In *class 299, Fluid Sprinkling, Spraying, and Diffusing* (Division 46), subclass 112, change the seventh word of the definition from "hand-drips" to *hand-grips*.

In *class 306, Tool-Handle Fastenings* (Division 52), subclass 4, change the first word of the definition from "Tool-handle" to *Tool-head*.

Disclaimers

Re. No. 19,905.—*William F. Groene* and *George W. Luning*, Cincinnati, Ohio. CRANKSHAFT LATHE. Patent dated March 31, 1936. Disclaimer filed July 27, 1938, by the assignee, *The R. K. LeBlond Machine Tool Co.*

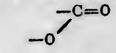
Hereby enters this disclaimer to claim 19 in said specification.

1,908,818.—*Robert F. Dirkes*, Jamaica, and *George I. Roberts*, New York, N. Y. TAPE CONTROL FOR PROJECTORS. Patent dated August 7, 1934. Disclaimer filed August 3, 1938, by the assignee, *The Western Union Telegraph Company*.

Hereby enters this disclaimer to claims 2 and 9 of said Letters Patent.

2,082,275.—*Karl Daimler* and *Carl Platz*, Frankfort-on-the-Main, Germany. SUBSTITUTED BETAINES. Patent dated June 1, 1937. Disclaimer filed August 4, 1938, by the assignee, *General Aniline Works, Inc.*

Hereby enters this disclaimer of all compounds coming within the scope of claim 1 with the exception of those in which the radical R, joining the N atom and the



group, contains less than seven carbon atoms.

2,087,565.—*Gerhard Balle* and *Kurt Eisfeld*, Frankfort-on-the-Main, Germany. QUATERNARY AMMONIUM COMPOUNDS AND A PROCESS OF PREPARING THEM. Patent dated July 20, 1937. Disclaimer filed August 4, 1938, by the assignee, *General Aniline Works, Inc.*

Hereby enters this disclaimer to that part of claim 19 in said specification which is in the following words, to wit: "carboxylic group,", said words appearing directly after "of" in line 9 below the formula.

2,088,296.—*George A. Kingsley*, Jackson, Mich. MUFFLER. Patent dated July 27, 1937. Disclaimer filed July 30, 1938, by the assignee, *Hayes Industries, Inc.*

Hereby enters this disclaimer to claim 11.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING JULY, 1938

SUPERIOR OIL WORKS *v.* GALENA MFG. CO. OF ILLINOIS, Cancellation No. 2574.

In a decision rendered July 7, 1938 (163 Ms. Dec. 69), *Assistant Commissioner Frazer* held that Galena Mfg. Co. of Illinois, of Galena, Ill., was not entitled under the ten-year clause of the Trade-Mark Act of February 20, 1905, to the registration of the term "Superior" as a trade-mark for axle-grease, carriage and buggy grease, etc., in view of its use during that period by the predecessor in business of the Superior Oil Works, of Warren, Pa., petitioner for cancellation.

With reference to the record presented on behalf of petitioner, the Assistant Commissioner said:

"Petitioner's record is inordinately voluminous and somewhat bewildering. It consists of nearly nine hundred pages of printed matter, approximately one-third of which is improperly included. The third amended petition, upon which the proceeding was finally submitted, covers seventeen pages of the record and contains fifty-two numbered paragraphs. Numerous witnesses were examined, whose testimony is largely irrelevant; and some two hundred exhibits were introduced, most of which have no discernible bearing on any issue to be determined."

With reference to the testimony alleged to establish use during the critical period by third parties, the Assistant Commissioner said:

"Use by petitioner's predecessor and by certain third parties, of the same mark for similar merchandise, was attempted to be proved, and with respect to one such party was held by the Examiner to have been established. This was an individual named William T. O'Mara who commenced business about 1893 as Superior Oil Company. Several witnesses testified that he used the word 'Superior' on his goods prior to February 20, 1905; but their testimony was taken some thirty years after the alleged events concerning which they testified, and in the absence of more substantial corroboration than is here presented I am unable to accept the reminiscences of these witnesses as proof."

Then, with reference to the evidence to establish use by petitioner's predecessor in business the Assistant Commissioner, after noting that two of the witnesses had been in the employ of the Superior Oil Works from 1902 and from 1903, respectively, said:

"I have carefully examined the testimony of these two witnesses, and it convinces me that between the years 1895 and 1905 Superior Oil Works, Limited, applied the word 'Superior' to its oil barrels in such a manner as to negative the right of respondent's predecessor to register the word under the ten-year proviso as a trade-mark for oil products. While their testimony was based largely on the memory of the witnesses after the lapse of many years, the circumstances disclosed were such as to insure the reliability of their recollections to a degree not ordinarily present in such cases. Each stated positively that the mark was in use when he first entered the employ of the company; and as the record establishes beyond question the time of their original employment it is not necessary to rely upon their unsupported memory of specific dates. Both identified a stencil said to have been used in marking barrels with the word 'Superior' from the first days of their employment. Considerable effort was made by respondent's counsel to discredit the testimony in regard to this exhibit, but I am convinced that it was used by Mr. Mack as early as 1903. Both he and Mr. Cogswell testified in a manner that impresses me as frank and straightforward, and I can find nothing in the record that contradicts their recital of material facts."

With reference to another ground given by the Examiner of Interferences for sustaining the petition for cancellation, he said:

"The Examiner of Interferences was of the opinion that its use of the word 'Superior' as the salient part of its name by Superior Oil Works, Limited, was a bar to the registrations sought to be canceled; but I am unable to adopt that theory, because I think it conflicts with the views expressed by the Supreme Court in the case of *Thaddeus Davids Co.* v. *Davids Manufacturing Co.*, 233 U. S. 461."

WHITE HORSE DISTILLERS, LIMITED, *v.* CENTURY DISTILLING CO., Opposition No. 15,477.

In a decision rendered July 9, 1938 (163 Ms. Dec. 74), *First Assistant Commissioner Macklin* held that Century Distilling Co., of Peoria, Ill., is entitled to register, as a trade-mark for whiskey, a mark consisting of the picture in silhouette of a two-wheeled vehicle with the legs of a man appearing in the position of a rider in the vehicle or buggy, a horse being attached to the vehicle, notwithstanding the prior use and registration by White Horse Distillers, Limited, of Glasgow, Scotland, of the composite mark for whiskey including the picture of a white horse prominently displayed below the words "White Horse," and therebelow, less conspicuously pictured, a stage coach and four or more horses, the literal matter constituting an invitation to travelers between Edinburgh and London to board the stage coach at the "White Horse Cellar."

In his decision, after noting that the Examiner had held that the dominant feature of the opposer's mark was the words "White Horse" and that while the applicant's mark included a picture of the horse, it did not appear as a supplement of it, but only as an integral part of a composite picture, and noting opposer's arguments, especially that the applicant in showing a line drawing of a horse without color, had appropriated the entire "White Horse" mark of the opposer, the First Assistant Commissioner said:

"In view of the foregoing it follows that inasmuch as I cannot find confusion between the picture of the white horse and the composite picture of the horse and buggy and rider, and it appears to me that there is no likelihood of confusion with a subordinate showing of a stage coach and that of a two-wheeled rig and rider with a single horse, I am not persuaded that there is any possible likelihood of confusion in trade of the applicant's mark with that of the opposer."

WHITE HORSE DISTILLERS, LIMITED, *v.* NATIONAL WHOLESALE LIQUOR COMPANY, INCORPORATED, Opposition No. 14,744.

In a decision rendered July 9, 1938 (163 Ms. Dec. 72), *First Assistant Commissioner Macklin* held that National Wholesale Liquor Company, Incorporated, of Baltimore, Md., is entitled to register

the words "Old Coach" as a trade-mark for whiskeys, notwithstanding the prior adoption and use by White Horse Distillers, Limited, of Glasgow, Scotland, of a mark including the picture of a white horse prominently displayed below the words "White Horse," and therebelow, less conspicuously pictured, a stage coach and four or more horses, the literal matter constituting an invitation to travelers between Edinburgh and London to board the stage coach at the "White Horse Cellar."

In his decision, after noting the argument that the picture of the stage coach and the words "Stage Coach" had been a prominent part of opposer's label since 1890, and noting that a more prominent part of that label however, is the picture of a horse and the words "White Horse Cellar," the First Assistant Commissioner said:

"It may be observed that while the pictorial representation of the words 'Stage Coach' is the part of the label of the opposer which has been registered in its entirety as a trade-mark, nevertheless, neither the words nor the picture of the stage coach have been registered by opposer apart from the label."

Then, after noting the position of the opposer that confusion does not depend primarily upon similar names and that the stage coach is a representation which, though not normally spoken, is subject to protection, he said:

"While this general proposition as set forth by the opposer may be conceded as good trade-mark law these decisions are not believed to fit the present case. In fact one of the decisions listed in opposer's brief is the Commissioner's decision which has since been reversed by the Court of Customs and Patent Appeals. In any event this case, like the others, does not seem to apply here. It is not believed that the purchasing public will think that any whiskey bearing the representation of the words 'stage coach' is from that fact alone assumed to be the product of the opposer. The words 'Stage Coach' appear merely in small type in the sentence inviting travelers who desire to pass from Edinburgh to London to board the stage coach at the White Horse Cellar. The pictorial representation on the label does not impress me in any respect as constituting an instrumentality of designation of origin."

He then further said:

"It may be conceded that the words 'Old Coach' or 'Stage Coach' taken alone might be confusing but as to this the applicant points out properly the evidence fails to show that the opposer's goods were ever sold by the designation 'Stage Coach' and the evidence does not support any likelihood of confusion.

"It may in some instances be proper to hold that the name of an object is likely to be confused with the pictorial representation of the same or like object registered to another. However it seems to me in the present case clear that no purchaser of whiskeys or any alcoholic liquors would confuse the trade-mark comprising only the words 'Old Coach' with a label designating a whiskey as 'White Horse' even though a subordinate part of the label carries thereon a picture of a stage coach. It is true that any stage coach, now an obsolete conveyance, would be thought of as an old coach. However, in my opinion, any likelihood of damage to the opposer by the applicant's use of its trade-mark sought to be registered by reason of confusion on the part of the purchaser is extremely remote."

WHITE HORSE DISTILLERS, LIMITED, *v.* D. J. BIELZOFF PRODUCTS COMPANY, Opposition No. 15,081.

In a decision rendered July 11, 1938 (163 Ms. Dec. 77), *First Assistant Commissioner Macklin* held that D. J. Bielzoff Products Company, of Chicago, Ill., is not entitled to register, as a trade-mark for cordials, liqueurs, brandies, rums, etc., a mark consisting of a red horse standing on its hind legs, the rider waving his hat and also displaying the words "Red Horse," in view of the prior adoption and registration by White Horse Distillers, Limited, of Glasgow, Scotland, of certain trade-marks for whiskeys all emphasizing the words "White Horse."

In his decision, after stating that "the famous 'White Horse' stands on its four feet with no harness or accouterments or rider" and that even a city boy, when told to bring a red horse would not select a white one, and noting that applicant in its brief refers to the English case of *Dunhill* v. *Bartell & Bickley*, 39 R. P. C. 426, 437–42, which involved the white spot on the Dunhill pipe and the use by its competitor of a red spot, the First Assistant Commissioner said:

"While I can see that there is considerable force to applicant's argument, it does seem to me conceivable that the term 'Red Horse' and the picture of a red horse might be readily associated in the minds of a purchaser with the makers of 'White Horse' Scotch whiskey. Opposer points out the common uses of related and like marks for different grades and blends of whiskeys having a common characteristic, referring for example to Walker's famous 'Club' whiskey using for marks the 'King of Clubs', 'Queen of Clubs' and 'Jack of Clubs'; Seagram's 'Five Crown' and 'Seven Crown'; Gooderham & Worts use 'Two Star', 'Five Star' or 'Seven Star'; which by analogy says the picture or the word horse would be the connecting link between different brands or grades or between whiskeys, and gins, emanating from the same source."

Then, after stating that he was not substantially persuaded of the force of the argument and was fully aware of the practice of picturing horses in connection with trade-marks, labels and advertising on whiskeys, he said:

"In the present case, however, because of the very widespread use and extensive advertising of the 'White Horse' picture and the words 'White Horse' for liquors, it does seem to me that there is a reasonable possibility of the applicant's mark, when applied to liquors, being confused in the minds of the purchasers and being thought to be another product manufactured by the makers of 'White Horse' Scotch whiskeys. I feel bound in arriving at this conclusion by such decisions as *Quaker State Oil Refining Co.* v. *Wolverine-Empire Refining Co.*, 23 C. C. P. A. 827, 81 Fed.(2d) 245; and *White Horse Distillers, Ltd.*, v. *Joseph A. Berson*, 36 U. S. P. Q. 487 O. G. 673."

LEVER BROTHERS COMPANY *v.* THE SITROUX COMPANY, INC., Opposition No. 16,172.

In a decision rendered July 14, 1938 (163 Ms. Dec. 79), *Assistant Commissioner Frazer* held that The Sitroux Company, Inc., of New York, N. Y., is entitled to register the notation "Sit-ru-lux" as a trade-mark for toilet tissues, notwithstanding the prior adoption and use by Lever Brothers Company, of Cambridge, Mass., of the notation "Lux" as a trade-mark for toilet soap.

In his decision the Assistant Commissioner said:

"Assuming, without deciding, that toilet soap and toilet tissues are 'merchandise of the same descriptive properties' within the meaning of the Trade-Mark Act as construed by the courts, certainly they differ radically in their essential characteristics. This being true I am convinced that the marks of the parties are sufficiently dissimilar to insure against any reasonable likelihood that confusion will result from their concurrent use in trade."

STANCO INCORPORATED *v.* FORSON LABORATORIES, INC., Opposition No. 16,229.

In a decision rendered July 15, 1938 (163 Ms. Dec. 80), *Assistant Commissioner Frazer* held that Forson Laboratories, Inc., of New York, N. Y., is not entitled to register the term "Nu-Myst" as a trade-mark for an inhalant for use in relief of respiratory infections, in view of the prior adoption

and use by Stanco Incorporated, of New York, N. Y., of the term "Mistol" for substantially the same goods.

In his decision the Assistant Commissioner said:

"I think the most that can be said in applicant's favor is that the probability of confusion is perhaps doubtful, but the rule is well established that in proceedings of this character doubts must be resolved in favor of the first user. In my opinion the concurrent use of 'Nu-Myst' and 'Mistol' on identical merchandise of the class here involved would be very likely to confuse purchasers."

ETERNE MANUFACTURING CORP. *v.* JAMES L. YOUNGHUSBAND, Trade-Mark Interference No. 2,644.

In a decision rendered July 20, 1938 (163 Ms. Dec. 82), *Assistant Commissioner Frazer*, in a trade-mark interference involving an application for registration of Eterne Manufacturing Corporation, of New York, N. Y., and James L. Younghusband, of Chicago, Ill., held that neither party was entitled to registration of the marks sought.

In his decision, after stating that James L. Younghusband sought to register the word "Eternal" as a trade-mark for lipsticks, rouge and face powder, and "Eterno" for lipsticks, rouge, face powder, perfumes and toilet waters, and Eterne Manufacturing Corp. sought to register the word "Eternol" as a trade-mark for shampoo tint, the Assistant Commissioner held that at the time each of the parties commenced to use its mark the mark "Eterno" was in use by Frederick Stearns & Co. and that neither party was entitled to registration, citing the decision of the Court of Appeals of the District of Columbia in *Justin Seubert, Inc.*, v. *A. Santaella & Co.*, 36 App. D. C. 520, 1911 C. D. 341.

Then, after stating that the Examiner of Interferences had properly found from the evidence that Younghusband was the first user, he said, with reference to the use by the third party:

"In 1914 the trade-mark 'Eterno' was registered to Frederick Stearns & Co. for 'perfumes, face powders and toilet waters.' An officer of that concern, called as a witness by Younghusband, testified that the mark had been used by it 'continuously from June 29, 1914, up until January 28, 1935.' As the trade-marks 'Eterno,' 'Eternal' and 'Eternol' are substantially the same, it follows that when the parties to this interference adopted their respective marks each was a trespasser and neither acquired any rights therein."

With reference to the attempt of Younghusband to prove an assignment to himself of the Frederick Stearns & Co., he said:

"Younghusband attempted to prove an assignment to himself from Frederick Stearns & Co. of the 'Eterno' mark as of January 28, 1935. It will be observed that this was seven months after his application was filed; but that circumstance need not be considered, because I think the proof offered amounted to nothing more than evidence of abandonment by the alleged assignor."

And then, after discussing the testimony of certain witnesses and an exhibit which was presented, he said:

"Without recourse to the exhibit I think this is clearly insufficient to establish the claimed assignment, even though it be assumed that Mr. Jackson was qualified to testify as he did. Taken together, however, his testimony and that of Mr. Gray doubtless constitute sufficient proof, as against Younghusband, that the Stearns concern had abandoned the trade-mark. And this conclusion finds additional support in the fact that its registration had been permitted to expire in October, 1934.

"After the Examiner's first decision had been rendered Younghusband filed an undated paper, illegibly signed by some individual as secretary of Frederick Stearns & Co., purporting to consent to the registration of Younghusband's mark. For numerous reasons this paper may properly be disregarded. Among them may be mentioned that its filing was untimely, its execution was not proved, the authority of the secretary to bind the corporation was not shown, and the materiality of the instrument to any issue here presented is at least questionable."

He then stated that in view of what had been established neither party was entitled to registration, citing the decision in *Justin Seubert, Inc.*, v. *A. Santaella & Co.*, supra, and quoting from it as follows:

"If two or more persons are using the mark at the time of abandonment with or without knowledge of its prior use, neither would be prior to the other in point of time, since no one could in any event date priority of use beyond the time when the prior owner surrendered title by the act of abandonment."

YOUNGHUSBAND *v.* ETERNE MANUFACTURING CORP., Opposition No. 15,638.

In a decision rendered July 20, 1938 (163 Ms. Dec. 81), *Assistant Commissioner Frazer* held that Eterne Manufacturing Corp., of New York, N. Y., is not entitled to register the word "Eternol" as a trade-mark for liquid soap, in view of the prior adoption and use by James L. Younghusband, of Chicago, Ill., of a confusingly similar mark for substantially the same goods, and also because of its confusing similarity to the mark of a third party in use at the time the applicant adopted its mark.

The grounds of this decision are the same as those given in the preceding decision in *Eterne Manufacturing Corp.* v. *James L. Younghusband*, trade-mark Interference No. 2,644.

DUPLEX WOOD-STEEL BARREL COMPANY *v.* AMERICAN CAN COMPANY, Cancellation No. 3,023.

In a decision rendered July 22, 1938 (163 Ms. Dec. 87), *First Assistant Commissioner Macklin* held that American Can Company, of New York, N. Y., is entitled to register, as a trade-mark for sheet metal containers, particularly cans for beer, the notation "Keglined", and affirmed the dismissal of the petition by the Duplex Wood-Steel Barrel Company, of New York, N. Y., seeking cancellation of the registration of that term.

In his decision, after noting the holding of the Examiner of Interferences that the only question for consideration was whether the term was descriptive of the goods and whether the petitioner had shown damage, the First Assistant Commissioner said:

"The record, arguments and brief are clear in respect to the nature of the petitioner's 'steel jacketed kegs' or 'kegs encased within a steel shell'. I think, however, that these descriptive terms may be considered as selected for their nearness to the trade-mark in question. I find that it would be equally or more natural to define the article of the petitioner as a steel barrel in which a wood lining is formed. This lining of staves and heads, however, is by no means a keg, as understood in the trade, unless provided with hoops which in this case are not needed because of the steel jacket or barrel itself. Neither the steel portion nor the wood portion of the plaintiff's article appears to be complete except when used together and then the whole forms a beer barrel or keg, perhaps of novel construction, and in any event alleged to have some particular value for the use to which it is to be put. On the other hand, the metal or 'tin' cans of the registrant are lined with a certain lacquer film for a purpose which is now well known in the trade. These cans are used for the sale of beer in cans instead of in bottles or on draught."

And then, with reference to the question of descriptiveness of the mark, he said:

"The word 'Keglined' to my mind is not descriptive of the product of either party thereto. If the petitioner's barrel or keg had thicker staves and were made fluid tight of itself, it might be called a keg. If the steel barrel or shell had no lining it would still be a barrel or keg and natural terms which have been used and can be used to describe it, such as 'steel-jacketed-barrel' or 'wood-lined-steel-barrel' or '-drum', are in such variety that the composite word 'keglined' comprising the mark of the registrant does not seem to me to constitute any restriction upon the normal activity of the respondent."

CAHN, BELT & CO. (MARYLAND DISTILLERY, INC., ASSIGNEE SUBSTITUTED) *v.* CONSOLIDATED DISTILLERS CORPORATION, Trade-Mark Interference No. 2746.

In a decision rendered July 22, 1938 (163 Ms. Dec. 89), *Assistant Commissioner Frazer* held that Maryland Distillery, Inc., as assignee of Cahn, Belt & Co., of Baltimore, Md., is not entitled to register, under the ten-year clause of the act of 1905, as a trade-mark for whisky, the words "Maryland Club", and that Consolidated Distillers Corporation, of Baltimore, Md., the other party of the interference, is not entitled to register the notation "Maryland Hunt Club", the word "Club" being disclaimed, as a trade-mark for the same goods.

In his decision, after noting that a prior interference involving the same marks of the same parties had been dissolved on the ground that neither party was using its mark when it applied for registration and noting the stipulation that Maryland Distillery, Inc. has succeeded, so far as this proceeding is concerned, to all the rights of Cahn, Belt & Co., and noting that the evidence showed that Cahn, Belt & Co. had entered into an agreement with certain parties whereby the trade-mark and goodwill were assigned to a corporation to be organized by these parties and that that corporation was in business when Cahn, Belt & Co. filed its present application, the Assistant Commissioner said:

"That in order to secure the registration of a trade-mark an applicant 'must have been using the same in interstate commerce at, or shortly prior to, the filing date of his application' was definitely settled by the Court of Customs and Patent Appeals in the case of *Motlow* v. *Oldetyme Distillers, Inc.*, 24 C. C. P. A. 1094, 88 Fed.(2d) 732. As Cahn, Belt & Co. was not using its mark when the instant application was filed it is not entitled to the registration for which it has applied. In view of the stipulation the status of Maryland Distillery, Inc., as assignee of Cahn, Belt & Co., need not be discussed."

He then noted that Consolidated Distillers Corporation rested its case upon the asserted insufficiency of the evidence to support a finding that Cahn, Belt & Co. had used the mark prior to the prohibition era and in the alternative that the mark had been abandoned, and said:

"As between the parties to this proceeding I think the record sufficiently establishes priority of use in Cahn, Belt & Co.; nor am I able to find any satisfactory evidence of abandonment. In the agreement with Jasspon and Cohen provision was made that in event of their default in performance title in the trade-mark and good will should revert. Whether they did in fact default is not entirely clear, but in any event the rights of Consolidated Distillers Corporation are not affected. In my opinion the mark it seeks to register had been appropriated and was owned by another at the time Consolidated Distillers Corporation adopted such mark, and for the purpose of the present proceeding the investigation need be carried no further. Moreover I am in agreement with the Examiner of Interferences that the notation 'Maryland Hunt Club' is unregistrable in the absence of a disclaimer of the geographical word 'Maryland.'"

MINNEAPOLIS BREWING COMPANY *v.* EKHARDT & BECKER BREWING COMPANY, Opposition No. 15,949.

In a decision rendered July 26, 1938 (163 Ms. Dec. 85), *Assistant Commissioner Frazer* held that Ekhardt & Becker Brewing Company, of Detroit, Mich., is not entitled to register the term "Steinie" as a trade-mark for beer, since this term is one which has been adopted in trade as the name of a particular type of bottle designed to contain beer.

With reference to an appeal noted by the opposer because the Examiner of Interferences had refused to sustain the opposition on other grounds than those noted in his decision, the Assistant Commissioner said:

"It is not my understanding that an appeal lies from a favorable decision merely because the prevailing party disagrees with the reasons assigned for deciding in his favor. The opposition has been sustained, and opposer is entitled to nothing more. Its appeal is accordingly dismissed."

He then noted that the present opposition is one of eleven filed against the registration of the word in question and that neither the opposer nor any of the other ten opposers claims to have used the word as a trade-mark and that the determinative question to be considered is whether or not beer bottles and beer are merchandise of the same descriptive properties within the meaning of the trade-mark act.

He then said:

"A trade-mark for bottled beer must necessarily be affixed to the bottle, and the bottle with its contents are sold together as a single item of merchandise. Every manufacturer of 'steinie' bottles has the right to mark his goods with their name if he so desires, as has also every manufacturer of beer who sells his product in this type of bottle. If granted the registration applied for applicant would have the right, prima facie, to prevent such use by others; and applicant's avowed intention not to exercise that right is no sufficient reason why it should be conferred."

Then, after citing and quoting from the case of *Elgin American Manufacturing Co.* v. *Elizabeth Arden, Inc.*, 23 C. C. P. A. 1153, 83 Fed.(2d) 681, he said:

"In that case the court refused to permit registration to the manufacturer of the toiletries named of a mark held to be confusingly similar to one previously appropriated to the containers. About the only distinction that can be drawn between that case and the instant proceeding is that two trade-marks were there involved, while here the opposer relies on its use of a descriptive word; and that such use is a sufficient ground of opposition under the trade-mark statute is well established."

Note: The other ten oppositions were sustained on the grounds noted above.

GENERAL FOODS CORPORATION *v.* CASEIN COMPANY OF AMERICA, INC., Opposition No. 16,228.

In a decision rendered July 28, 1938 (163 Ms. Dec. 99), *Assistant Commissioner Frazer* held that Casein Company of America, Inc., of New York, N. Y., is entitled to register, as a trade-mark for dry skimmed milk, the word "Certora", notwithstanding the prior adoption and use by the General Foods Corporation, of New York, N. Y., of the term "Certo", as applied to a concentrated fruit pectin.

In his decision, after stating that the opposer was the first in the field and therefore the only question is whether the goods are of the same descriptive properties since, if they are not, similarity of the

marks is immaterial, and further stating applicant's milk powder is sold in barrels to bakeries and chocolate manufacturers to be used in making bread and milk chocolate, while the opposer's product is a liquid solution contained in small bottles used in households by housewives to assist them in making jams and jellies from fruit and sugar, the Assistant Commissioner said:

"In comparing the descriptive properties of two items of merchandise to determine whether or not their sale under similar trade-marks would be likely to cause confusion, 'the use, appearance, and structure of the articles, the similarity or the lack of similarity of the packages or containers in which, the place or places where, and the people to whom, they were sold should be considered.' *B. F. Goodrich Co. v. Hockmeyer*, 17 C. C. P. A. 1068, 40 Fed.(2d) 99. Applying that rule to the facts disclosed by the record before me I am constrained to hold that the goods of the parties are of different descriptive properties, and I think there would be no reasonable likelihood of confusion even if the marks were identical."

EX PARTE H. B. DODGE AND COMPANY, Serial No. 356,340.

In a decision rendered July 28, 1938 (163 Ms. Dec. 97), *Assistant Commissioner Frazer* held that the word "Rolouvre" is not descriptive of folding partitions, rolling partitions and shutters, and the mark should not have been refused registration to H. B. Dodge and Company, of Chicago, Ill., on the ground of descriptiveness.

Then, after noting that the Examiner's theory was that "Rolouvre" is equivalent to "roll louver," and noting the holding in the case of *Ex parte Ventilouvre Co.*, 151 Ms. Dec. 956, that the word "Gabelouvre" was unregistrable, the Assistant Commissioner, after quoting from the decision, said:

"From the foregoing language it would appear that the Commissioner considered the mark before him to be descriptive of built-in ventilators, but not of the other goods named. I am therefore unable to agree with the Examiner that the case is controlling here."

MAGNUS BECK BREWING COMPANY, INC., *v.* KAISERBRAUEREI BECK & CO., KOMMANDITGESELLSCHAFT AUF AKTIEN, Cancellation No. 2892.

In a decision rendered July 30, 1938 (163 Ms. Dec. 100), *Assistant Commissioner Frazer* held that the showing made in support of the petition of Magnus Beck Brewing Company, Inc., of Buffalo, N. Y., is not sufficient to justify the cancellation of a mark registered to the Kaiserbrauerei Beck & Co., Kommanditgesellschaft auf Aktien, of Bremen, Germany.

The ground of the decision is that the petitioner has not shown injury.

In his decision, after stating that petitioner's first use occurred September 1, 1933, which was subsequent to the date of registration of the mark sought to be cancelled, and noting the contention that Magnus Beck Brewing Company, Inc., had been in the brewery business prior to prohibition and had then converted its brewery into a cold storage plant which was operated until March, 1933, and that at a meeting of the stockholders in December, 1932, it was voted to assign to Magnus A. Benzing the authority to use the name Magnus Beck Brewing Company or any abbreviation of that name or similar name in the forming of a new corporation, the Assistant Commissioner said:

"Presumably the officers did 'transfer and/or assign' to Mr. Benzing in accordance with directions, and presumably Mr. Benzing organized the proposed new corporation, which petitioner asserts itself to be. But I have searched the record in vain for any competent evidence of such transactions, and, to borrow the language of the Court of Appeals of the District of Columbia in *Skene v. Marinello Co.*, 50 App. D. C. 265, 270 Fed. 701, presumption 'is too flimsy a thing upon which to rest an application for cancelation.' If an assignment was made convincing proof of the fact was available to petitioner, and the absence of such proof from the record necessarily creates a doubt as to its existence. That doubt must be resolved against petitioner."

Then, after noting that it was apparently the intention of Magnus Beck Brewing Company to transfer the good will which was associated with it when actively engaged in business through Magnus A. Benzing to a corporation to be formed, he said:

"In order to confer any rights upon petitioner such intention must have been carried into effect, and the burden was upon petitioner to show that it had been. Having failed, in my opinion, to sustain that burden, petitioner has not shown itself entitled to maintain this proceeding."

HANOVER RUBBER COMPANY *v.* AUBURN RUBBER CORPORATION, Cancellation No. 3077.

In a decision rendered July 30, 1938 (163 Ms. Dec. 102), *Assistant Commissioner Frazer* held that Auburn Rubber Corporation, of Auburn, Ind., was not entitled to register a mark for rubber heels consisting of the figure "2" printed above the word "Life" in view of the prior use by Hanover Rubber Company, of West Hanover, Mass., of the term "Nu-Life" as applied to rubber heels.

In his decision, after stating that from the stipulated testimony it appeared that the registrant first used its mark about eighteen months after the registration of petitioner's mark, and stating that if the marks were confusingly similar respondent's registration should be cancelled, the Assistant Commissioner said:

"The marks differ somewhat in appearance and in significance, but when pronounced they are substantially the same. Certainly they are no less similar in sound than are the words 'Voo' and 'Dew,' which were held to be confusingly so by the Court of Customs and Patent Appeals in the case of *Marion Lambert, Inc.*, v. *O'Connor*, 24 C. C. P. A. 781, 86 Fed.(2d) 980. And there the goods involved were not identical; here they are."

With reference to the argument based on the lack of showing of actual confusion, he said:

"That is a circumstance to be taken into consideration as affecting the question of likelihood of confusion, and in a close case may be of compelling importance; but it is well established that proof of actual confusion is not a prerequisite to the cancellation of a registration, where, as here, the likelihood of confusion is otherwise manifest."

TRADE-MARKS

OFFICIAL GAZETTE, AUGUST 30, 1938

[VOL. 493. No. 5]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 406,762. GEORGE D. KENYON, doing business as Delta Sales Co., Delta, Pa. Filed May 26, 1938.

DELSACO

For Seed Corn.
Claims use since Apr. 1, 1938.

CLASS 2

Receptacles

Ser. No. 389,991. IVERS-LEE COMPANY, Newark, N. J. Filed Mar. 12, 1937.

IVERS-LEE

For Tubular and Envelope-Like Merchandise Containers.
Claims use since November, 1919.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 407,789. SAMUEL BORGER, doing business as Modes and Fabrics, New York, N. Y. Filed June 23, 1938.

"Tel-A-Fashion"

No claim is made to the word "Fashion" apart from the mark.
For Portfolios.
Claims use since Oct. 21, 1936.

Ser. No. 408,023. MAX KASNOWITZ & SONS, New York, N. Y. Filed June 29, 1938.



The words "Lov-Lee Bag" are disclaimed apart from the mark.
For Children's and Misses' Pocketbooks of Leather, Fabric, and Combinations of Said Materials.
Claims use since Apr. 1, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 400,423. JAMES B. MCCOMB, New York, N. Y. Filed Dec. 3, 1937.

Aladdin

For Cleaning Preparation in Liquid and Powder Form for Cleaning and Rejuvenating Floor Coverings, Textile Fabrics, Clothing, Glass, Metal, Painted or Varnished Surfaces, Wall Paper, Woodwork, and for Laundry Purposes.
Claims use since Aug. 5, 1922.

Ser. No. 405,669. SCHOLLER BROTHERS, INC., Philadelphia, Pa. Filed Apr. 23, 1938.

TRISCO

For Textile Soap and a Cleaner for Painted, Enameled, Lacquered, and Varnished Surfaces.
Claims use since May 28, 1937.

Ser. No. 407,308. COSBY BRUSH & IMPORT COMPANY, INC., New York, N. Y. Filed June 10, 1938.

KENT

The name "Kent" is disclaimed apart from the mark.
For Shaving and Toilet Soaps.
Claims use since February, 1936.

Ser. No. 407,675. KLESO MANUFACTURING COMPANY, New York, N. Y. Filed June 20, 1938.

VENETIAN BLIND
THE SCIENTIFIC
KLESO
CLEANER

All wording except "Kleso" is disclaimed apart from the mark.
For Cleaner for Venetian Blinds.
Claims use since Apr. 4, 1938.

Ser. No. 408,290. THOMAS CHEMICAL PRODUCTS CO., INC., New York, N. Y. Filed July 7, 1938.

Lucet

For Jewelry Cleaner.
Claims use since June 23, 1938.

Ser. No. 408,333. C. M. KIMBALL CO., Everett, Mass. Filed July 9, 1938.

BES'PRAY

For Preparation for Cleaning Glass Windows, Windshields, and the Like.
Claims use since Dec. 14, 1937.

Ser. No. 408,389. MARION LABORATORIES, INC., Chicago, Ill. Filed July 11, 1938.

For Non-Inflammable Liquid Cleaning Composition Used for the Cleaning of Leather and All Types of Fabrics and Rugs, Mattresses, Lamp Shades, Venetian Blinds, Window Shades, Furniture Upholstery, Wearing Apparel, and All General Household Cleaning Uses.
Claims use since 1929.

Ser. No. 408,404. TEX-ITE PRODUCTS CORPORATION, Brooklyn, N. Y. Filed July 11, 1938.

CORONET

For Soap Powder.
Claims use since Apr. 5, 1938.

Ser. No. 408,494. COLUMBIA PRODUCTS CORPORATION, Washington, D. C. Filed July 14, 1938.

CHI-NA-TONE

For Liquid Cleaner for All Types of China Plumbing Fixtures.
Claims use since July 5, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 364,357. PYLAM PRODUCTS COMPANY, INC., New York, N. Y. Filed Apr. 29, 1935.

LX

For Dyes and Bleaching Materials.
Claims use since February, 1932.

Ser. No. 392,114. TIOGA MILLS, INC., Waverly, N. Y. Filed Apr. 30, 1937.

Colloidaltine

For Therapeutic Preparation Consisting of Essential Minerals for Use in the Feeding of Animals, Birds, Fowls, and Humans Where There is an Insufficiency Thereof.
Claims use since Apr. 13, 1937.

Ser. No. 401,980. BOURJOIS, INC., New York, N. J. Filed Jan. 17, 1938.

Skin Affinity

For Face Powder.
Claims use since Jan. 6, 1938.

Ser. No. 402,088. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Jan. 19, 1938.

METHOCEL

For Methyl Cellulose.
Claims use since Jan. 7, 1938.

Ser. No. 402,496. FIBA-SEAL CHEMICALS, INC., Hoboken, N. J. Filed Jan. 29, 1938.

FIBA-SEAL

LASTITE
COATING OIL

The words "Seal" and "Coating Oil" are disclaimed apart from the mark.
For Waterproofing or Preservative Compound Having a Combination of Industrial Uses.
Claims use since April, 1937.

Ser. No. 402,498. FIBA-SEAL CHEMICALS, INC., Hoboken, N. J. Filed Jan. 29, 1938.

FIBA-SEAL

No. 25
CONCENTRATE

The words "Seal No. 25" and "Concentrate" are disclaimed apart from the mark.
For Water-Proofing Preparation Applied to Silk, Canvas, Cottons, Rayons, Cellulose Fabrics, and Other Kindred Products Thereof.
Claims use since April, 1937.

Ser. No. 402,733. MASTER BRANDS, INC., doing business as The Zoro Company, Chicago, Ill. Filed Feb. 5, 1938.

ODOR CHASER

Disclaimer is made to the word "Odor" apart from the mark and also to the representation of the toilet bowl.
For Toilet Bowl Deodorant.
Claims use since Jan. 2, 1938.

Ser. No. 403,330. ROCHE, RENAUD PHARMACEUTICAL COMPANY, INC., Fairhaven, Mass. Filed Feb. 23, 1938.

TYMPOIL

For Ear Medication Preparation.
Claims use since July 14, 1933.

Ser. No. 404,771. MARJORIE MONROE COSMETIC CO., Chicago, Ill. Filed Apr. 1, 1938.

Marjorie Monroe
CORRECTIVE COSMETICS

The words "Corrective Cosmetics" are disclaimed.
For Cosmetic Preparations—Namely, Cleansing Creme, Honey Cleansing Creme, Beauty Mask, Tissue Creme, Special Throat Creme, Muscle Oil, Finishing Lotion; Beauty-Aid Finishing Lotion, Various Shades; Dry Skin Tonic, Astringent, Face Powder, Rouge, Lip Stick, Cleansing Pads Impregnated with a Solution for Cleansing the Skin, Hand Creme, Hand Lotion, Eye Shadow; a Kit Containing Cleansing Creme, Hand Creme, Powder, and Rouge; Medicated Creme Pack; Medicated Finishing Lotion Powder Base.
Claims use since Oct. 25, 1937.

Ser. No. 404,859. LORR LABORATORIES, INC., Paterson, N. J. Filed Apr. 4, 1938.

DURA-GLOSS

No claim is made to the word "Gloss" apart from the mark.
For Nail Polish, Nail Polish Remover, Cuticle Remover, Cuticle Lotion, and Nail Wax.
Claims use since Mar. 11, 1938.

Ser. No. 405,467. FRANCISCO TORRES, Juana Diaz, P. R. Filed Apr. 19, 1938.

ZHYNGARO

For Hair Preparation.
Claims use since Aug. 12, 1936.

Ser. No. 405,541. CHARLES SCOTT ALTHOUSE, doing business as Althouse Chemical Company, Reading, Pa. Filed Apr. 21, 1938.

METACHLORON

For Dyes and Dyestuffs.
Claims use since March, 1935.

Ser. No. 405,542. CHARLES SCOTT ALTHOUSE, doing business as Althouse Chemical Company, Reading, Pa. Filed Apr. 21, 1938.

VEGENTINE

For Dyes and Dyestuffs.
Claims use since June, 1929.

Ser. No. 405,544. CHARLES SCOTT ALTHOUSE, doing business as Althouse Chemical Company, Reading, Pa. Filed Apr. 21, 1938.

AZOANTHRENE

For Dyes and Dyestuffs.
Claims use since November, 1936.

Ser. No. 406,126. FOUR PENNY PRODUCTS CO., Chicago, Ill. Filed May 9, 1938.

Four Penny

For Dandruff Remover Tonic and Dandruff Remover Shampoo.
Claims use since July, 1932.

Ser. No. 406,199. VANDA STANLEY, doing business as Mme. Vanda, Chicago, Ill. Filed May 10, 1938.



VANDA'S

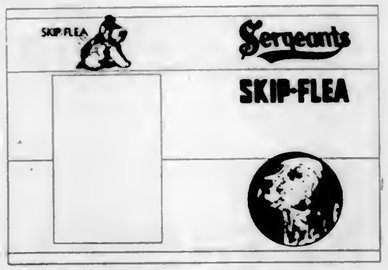
The portrait is that of applicant.
For Hand and Face Lotions.
Claims use since Apr. 1, 1938.

Ser. No. 406,547. THE BURTON-LEVIN FOUNDATION, INC., Baltimore, Md. Filed May 20, 1938.

TRI-DE-SIL

For Antidigestant Preparation.
Claims use since May 14, 1938.

Ser. No. 406,601. POLK MILLER PRODUCTS CORP., Richmond, Va. Filed May 21, 1938.



No claim is made to the word "Flea".
For Flea Powder.
Claims use since May 3, 1938.

Ser. No. 406,602. POLK MILLER PRODUCTS CORP., Richmond, Va. Filed May 21, 1938.



For Flea Powder.
Claims use since May 3, 1938.

Ser. No. 406,848. PETER DELELLIS, Nutley, N. J. Filed May 26, 1938.

DeLellis Nu-Life
INVISIBLE OIL
HAIR TONIC



The portrait is that of the applicant. The words "Nu-Life Invisible Oil Hair Tonic" are disclaimed except as shown.
For Bottles of Hair Tonic.
Claims use since September, 1936.

Ser. No. 406,985. SCHNEFEL BROS. CORPORATION, Newark, N. J. Filed June 1, 1938.

La Cross
Nailong

For Liquid Coating for the Fingernails Used Before or After Application of Regular Polish.
Claims use since Mar. 1, 1938.

Ser. No. 407,023. J. LEON KAHN, doing business as Novotex Laboratories, Washington, D. C. Filed June 2, 1938.

NOVOTEX

For Chemical Preparation for Use in Stiffening, Preserving, and Fulling Textile Fabrics.
Claims use since May 25, 1938.

Ser. No. 407,093. ELMO, INC., Philadelphia, Pa. Filed June 4, 1938.

foundation mist
Elmo

Applicant disclaims the word "Foundation" apart from the mark.
For Facial Creams.
Claims use since Apr. 12, 1938.

Ser. No. 407,119. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed June 4, 1938.

NEOPRONTOSIL

For Chemotherapeutic Agent for Streptococcic and Staphylococcic Infections.
Claims use since May 16, 1938.

Ser. No. 407,215. CAL-PAR CORPORATION, New York, N. Y. Filed June 8, 1938.

BOLK

For Laxatives.
Claims use since June 7, 1938.

Ser. No. 407,380. MARATHON LABORATORIES, INC., Newark, N. J. Filed June 11, 1938.

Betty Lynn

The signature is that of Betty Lynn McDonough, wife of applicant's president.
For Nail Polish, Nail Wax, Powder, Rouge, Lipstick, Deodorant, Face and Hand Cream, and Shampoo.
Claims use since Nov. 22, 1937.

Ser. No. 407,510. THE SYDNEY ROSS CO., Newark, N. J. Filed June 15, 1938.



The signature "C. B. Riker" is that of the president of applicant corporation.
For Laxative Preparation for the Treatment of Constipation and Conditions Resulting Therefrom.
Claims use since 1929.

Ser. No. 407,714. CASTEX LABORATORIES, INC., Watertown, Mass. Filed June 21, 1938.

IVY-GON

The word "Ivy" is disclaimed except as shown.
For Pharmaceutical Preparation for the Treatment of Ivy Poisoning and the Like.
Claims use since Apr. 27, 1938.

Ser. No. 407,762. PROFESSOR DEAN'S KING CACTUS OIL COMPANY, Clinton, Iowa. Filed June 22, 1938.



The words "Soothing Oil Liniment" are disclaimed apart from the mark.
For Liniment for the Treatment of Muscle Strains and Sprains, Frost Bite, and Minor Aches and Pains.
Claims use since Apr. 28, 1938.

Ser. No. 407,912. MARY AND JOSEPH MONTANDON, JR., Newburgh, N. Y. Filed June 25, 1938.

GRO-N-GRO

For Preparation for Scalp Treatment.
Claims use since June 12, 1938.

Ser. No. 408,053. THE DRUG PRODUCTS COMPANY, INC., Long Island City, N. Y. Filed June 30, 1938.

Ferro-Vi-Mang

Applicant disclaims the word "Ferro" apart from the mark.
For Non-Astringent Hematinic Preparation Used for Anemic Conditions Put Up in Tablet and Liquid Forms.
Claims use since Apr. 11, 1938.

Ser. No. 408,710. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 20, 1938.

BESTOWAX

For Emulsified Combination of Waxes and Fats for Textile Finishing.
Claims use since Apr. 9, 1938.

Ser. No. 408,712. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 20, 1938.

TALCON

For Sulfonated High Titre Fats Used in the Finishing of Textiles.
Claims use since Mar. 22, 1937.

Ser. No. 408,713. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 20, 1938.

TRAMOLIN

For Treated Vegetable Oil Used in Textile Finishing.
Claims use since Apr. 9, 1938.

Ser. No. 408,737. EDWARD C. PETERSON, Elmira, N. Y. Filed July 19, 1938.

Durmadyne

For Soothing and Painless Preparation for Burns and General Healing.
Claims use since May, 1934.

Ser. No. 408,759. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y. Filed July 21, 1938.

Tancro

For Preparation Indicated for the Treatment of Raw, Tickling, Dry, Irritating Throat Conditions, Coughs, Soreness, and Hoarseness Accompanying Colds.
Claims use since November, 1937.

Ser. No. 408,851. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 23, 1938.

SANTOX

For Chemical Compounds Employed as Preventers of Rancidity in Soap and Vegetable Oils.
Claims use since July 8, 1938.

CLASS 12

Construction Materials

Ser. No. 403,214. LOUISVILLE CEMENT COMPANY, Louisville, Ky. Filed Feb. 19, 1938.

HI-SPEED

For Portland Cement.
Claims use since Dec. 24, 1937.

Ser. No. 405,974. UNIVERSAL ATLAS CEMENT COMPANY, Chicago, Ill. Filed May 3, 1938.



The trade-mark comprises the color combination of blue and yellow.
For Portland Cement.
Claims use since Apr. 25, 1938.

Ser. No. 407,844. ANDERSEN CORPORATION, Bayport, Minn. Filed June 24, 1938.

Silver Seal

For Metal Weatherstrips.
Claims use since Apr. 1, 1938.

Ser. No. 408,014. FABRICOUSTIC CO., Los Angeles, Calif. Filed June 29, 1938.

FABRICOUSTIC

For Sound Control Insulation, Building and Resilient Materials.
Claims use since May 25, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 403,606. ELMER G. MUNZ, doing business as American Fitting Company, Detroit, Mich. Filed Mar. 2, 1938.

AFC

For Metal Pipe, Metal Plumbing Valves, and Metal Pipe Fittings.
Claims use since Jan. 7, 1938.

Ser. No. 403,607. ELMER G. MUNZ, doing business as American Fitting Company, Detroit, Mich. Filed Mar. 2, 1938.

STREAM-FLO

For Metal Pipe, Metal Plumbing Valves, and Metal Pipe Fittings.
Claims use since Jan. 7, 1938.

Ser. No. 404,051. MAC-IT PARTS COMPANY, Lancaster, Pa. Filed Mar. 14, 1938.

MAC-IT STA-TITE
HOLLOW SET SCREWS

No claim is made for the words "Sta-Tite" and "Hollow Set Screws" apart from the mark.
For Hollow-Head Set Screws.
Claims use since Feb. 12, 1938.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 394,117. ARCTURUS RADIO TUBE COMPANY, Newark, N. J. Filed June 16, 1937.

MIR-O-RAY

For Metal Sheets and Metal Foils Having Reflecting Surfaces Produced by Special Process and Adapted for Use in Reflecting Devices, as Reflecting Signs, Indicators, Advertising Backgrounds, and the Like.
Claims use since May 18, 1937.

CLASS 15

Oils and Greases

Ser. No. 401,333. J. COHEN & SON, Peoria, Ill. Filed Dec. 29, 1937.



No claim is made to the words "Power" and "Gasoline" apart from the mark.
For Gasoline.
Claims use since Dec. 15, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 407,020. GENERAL PAINT & VARNISH CO., Chicago, Ill. Filed June 2, 1938.

WELL-WORTH BRAND

Applicant disclaims the word "Brand" per se.
For Ready Mixed Paints, Varnishes, and Paint Enamels.
Claims use since 1928.

Ser. No. 407,058. THE H. B. DAVIS CO., Baltimore, Md. Filed June 3, 1938.

DAVIS

For Dry and Ready Mixed Paints, Paint Enamels, Stains, Lacquers, and Varnishes.
Claims use since Sept. 28, 1927.

Ser. No. 407,509. SURFACE-PROOFING PRODUCTS, INC., New York, N. Y. Filed June 15, 1938.

STEELSKIN

For Corrosion-Resistant Paint.
Claims use since May 16, 1938.

Ser. No. 408,069. THE MARIETTA PAINT & COLOR CO., Marietta, Ohio. Filed June 30, 1938.

VARMACO

For Clear Varnishes, Lacquers, and Paint Enamels.
Claims use since May, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 398,906. KINGSTON RADIO COMPANY, Kokomo, Ind. Filed Oct. 25, 1937.

SELECT-O-MATIC

For Radio Tuning Dials.
Claims use since Aug. 30, 1937.

Ser. No. 404,449. RAYLITE TRADING CO., INC., New York, N. Y. Filed Mar. 24, 1938.

GREEN CAP

For Electric Lamp Sockets and Christmas Tree Lighting Outfits.
Claims use since July 12, 1937.

Ser. No. 405,989. EDWARD J. HAYDEN, doing business as E. J. Hayden and Company, New York, N. Y. Filed May 4, 1938.

CURV-O-LITE

The word "Lite" is disclaimed apart from the mark as shown.

For Electrically Illuminated Advertising Display Devices, Comprising a Bendable Sheet and Means for Securing Its Edges Together, the Sheet Being Provided with Translucent Areas and an Illuminating Means for Use in Indoor Advertising Displays.
Claims use since Apr. 21, 1938.

Ser. No. 407,635. MUELLER ELECTRIC COMPANY, Cleveland, Ohio. Filed June 18, 1938.

Wee-Pee-Wee

For Connecting Clips for Connecting Parts of Radios or Other Electrical Apparatus in Assembling Same.
Claims use since May 13, 1938.

Ser. No. 408,203. PARRIS-DUNN CORPORATION, Clarinda, Iowa. Filed July 5, 1938.

FREE-LITE

For Wind-Driven Electric Generator Apparatus.
Claims use since Jan. 1, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 398,144. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y. Filed Oct. 5, 1937.

STAR

For Hair Removing Devices—Namely, Electrically Operated Instruments for Shaving and for Removing Hair from the Body, Razors, Razor Blades, Safety Razors, Safety Razor Blades.

Claims use on razors, razor blades, safety razors, safety razor blades, and safety corn knives since June 1, 1880; and on electrically operated instruments for shaving and for removing hair from the body since September 3, 1937.

Ser. No. 404,940. GRAY COMPANY, INCORPORATED, Minneapolis, Minn. Filed Apr. 6, 1938.

ENERGIZER

For Lubricating Equipment, Apparatus, and Machinery—Namely, Oil-Circulating and Filtering Apparatus for Flushing and Cleaning the Crank-Cases of Internal Combustion Engines and Any Other Similar Lubricant-Reservoirs of Engines, Automobiles and Other Machinery, and for Flushing and Cleaning the Bearings of Such Engines, Automobiles and Other Machinery Which May Normally be Supplied with Lubricant from Such Crank-cases or Reservoirs, and for Circulating in and out of Such Crank-Cases and Reservoirs the Lubricant Contents Thereof and Filtering and Cleaning Such Lubricant Contents; Manually as Well as Power-Operated Grease Guns, Oil Sprayers, Lubricant Dispensing Compressors, and Pumps.
Claims use since Oct. 23, 1937.

Ser. No. 404,941. GRAY COMPANY, INCORPORATED, Minneapolis, Minn. Filed Apr. 6, 1938.

VITALIZER

For Lubricating Equipment, Apparatus, and Machinery—Namely, Oil-Circulating and Filtering Apparatus for Flushing and Cleaning the Crank-Cases of Internal Combustion Elgines and Any Other Similar Lubricant-Reservoirs of Engines, Automobiles and Other Machinery, and for Flushing and Cleaning the Bearings of Such Engines, Automobiles and Other Machinery Which May Normally be Supplied With Lubricant From Such Crank-Cases or Reservoirs and for Circulating in and out of Such Crank-Cases and Reservoirs the Lubricant Contents Thereof and Filtering and Cleaning Such Lubricant Contents; Manually as Well as Power-Operated Grease Guns, Oil Sprayers, Lubricant Dispensing Compressors, and Pumps.
Claims use since June 7, 1937.

CLASS 24

Laundry Appliances and Machines

Ser. No. 399,671. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind. Filed Nov. 12, 1937.

NATIONAL CO-OP COOPERATIVES

For Electric and Gasoline Motored Washing Machines and Electric Ironers.
Claims use since January, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 400,416. CARL HENSOLDT, doing business as M. Hensoldt & Söhne, Wetzlarer Optische Werke, Wetzlar, Germany. Filed Dec. 3, 1937.

Dialyt

For Field Glasses, Telescopes, Magnifying Glasses, Object Glasses, Prisms, and Photographic Lenses and Photographic Cameras.
Claims use since June 17, 1911.

Ser. No. 408,179. CARL ZEISS, Jena, Germany. Filed July 1, 1938.

Aerometronar

For Photographic, Microphotographic, Projecting, and Microscope Objectives, and Light Filters for Photographic, Microphotographic, Projecting, and Microscopic Purposes.
Claims use since Aug. 26, 1937.

CLASS 30

Crockery, Earthenware, and Porcelain

Ser. No. 403,409. GLADDING MCBEAN & CO., Los Angeles, Calif. Filed Feb. 25, 1938.

RANCHO

For Ceramic Table Ware, Earthen Ware—Namely, Flower Pots; Garden Pottery—Namely, Jardinieres; Art Pottery—Namely, Glazed or Unglazed Bowls.
Claims use since Aug. 1, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 405,814. THE K & S MOTOR PRODUCTS, INC., Hillside, N. J. Filed Apr. 28, 1938.

FILTREX

For Filter Units for Gases or Oils and Similar Liquids Made of Spirally Wound Cellulose Sheets in Cloth Bags and/or Wool Discs Confined Between Perforated Discs.
Claims use since August, 1935.

Ser. No. 407,713. ARTHUR F. CALLAHAN, New York, N. Y. Filed June 21, 1938.



For Electric Refrigerators.
Claims use since Apr. 21, 1938.

Ser. No. 408,884. C. V. HILL AND COMPANY, INC., Trenton, N. J. Filed July 25, 1938.

THERMATITE

For Refrigerator Display Cases.
Claims use since June 30, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 394,809. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 2, 1937.

THRIFT-CRAFT

For Household Furniture, Especially Unpainted Furniture—Namely, Dining Tables, Dining Chairs, High Chairs, Kitchen Stools, Beds, Dressers, Chiffoniers, Chifforobes, Chests, Bookcases, Folding Screens, Broom Closets, Night Tables, Vanity Benches, Kitchen Cabinets, Kitchen Cabinet Bases, Dressing Tables, Clothes Cabinets, Vanity Tables, Bunk Beds, Dish Cabinets, Linen Cabinets, Dinette Sets, Kitchen Ladders, Bed Ladders, Kitchen Cupboards, Kitchen Tables, End Tables, Lamp Tables, Coffee Tables, Davenport Tables, Book Racks, Corner Shelves.
Claims use since February, 1936.

Ser. No. 407,315. HERBERT C. KIMPTON, Portland, Oreg. Filed June 10, 1938.



Timberline

For Mattresses.
Claims use since Feb. 1, 1938.

CLASS 33

Glassware

Ser. No. 403,799. UNITED STATES GLASS CO., Pittsburgh, Pa. Filed Mar. 7, 1938.

Constellation

For Glass Table Ware and Glass Bar Ware.
Claims use since Feb. 10, 1938.

Ser. No. 403,801. UNITED STATES GLASS CO., Pittsburgh, Pa. Filed Mar. 7, 1938.

Trianon

For Glass Table Ware and Glass Bar Ware.
Claims use since Feb. 10, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 399,841. LINDBERG ENGINEERING CO., Chicago, Ill. Filed Nov. 17, 1937.



For Metal Treating Furnaces.
Claims use since Feb. 26, 1935.

Ser. No. 400,364. BUTLER MANUFACTURING COMPANY, Kansas City, Mo. Filed Dec. 2, 1937.

BALA  STAT

The portrait is fanciful.
For Coal Stokers.
Claims use since Sept. 21, 1937.

Ser. No. 403,656. LENOX, INCORPORATED, Trenton, N. J. Filed Mar. 3, 1938.



For Lamp Bodies, Candlesticks, Candle Holders, Candelabra, Lamp Shades, Lamp Globes, and Reflectors, Formed of Porcelain or Earthenware.
Claims use since May 1, 1923.

Ser. No. 406,153. THE ROLLMAN & SONS CO., Cincinnati, Ohio. Filed May 9, 1938.

Rollrange

For Stoves, Ranges, and Heaters Using Gas Fuel
Claims use since Apr. 20, 1938.

Ser. No. 406,716. HOME OIL HEATING COMPANY, Passaic, N. J. Filed May 25, 1938.



The notation "Oil Burner" is disclaimed apart from the mark.
For Oil Burners.
Claims use since May 19, 1936.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 408,772. TON-TEX CORPORATION, Grand Rapids, Mich. Filed July 22, 1938.

OIL-EX

For Belting.
Claims use since Feb. 2, 1938.

Ser. No. 408,799. GREENE, TWEED & CO., New York, N. Y. Filed July 22, 1938.

GLASO

For Machinery Packings of All Kinds, Particularly Packings Made of Glass Yarn for Use Where Acids Are Present.
Claims use since May 21, 1938.

CLASS 38

Prints and Publications

Ser. No. 406,172. BULLETIN RECORD PUBLISHING CO., Chicago, Ill. Filed May 10, 1938.



The word "Chicago" is disclaimed apart from the mark.
For Pamphlet Published Weekly.
Claims use since 1925.

Ser. No. 406,441. THE BLUE VALLEY FARMER CO., Oklahoma City, Okla. Filed May 18, 1938.

The BLUE VALLEY FARMER

For Periodical.
Claims use since Nov. 11, 1937.

Ser. No. 407,814. PRODUCTS IN PICTURES, INC., New York, N. Y. Filed June 23, 1938.

PRODUCTS in PICTURES

For Periodical Publication.
Claims use since May 18, 1938.

Ser. No. 407,856. FAWCETT PUBLICATIONS, INC., Greenwich, Conn. Filed June 24, 1938.

GOOD PHOTOGRAPHY

For Monthly Magazine.
Claims use since June 10, 1938.

Ser. No. 407,857. FAWCETT PUBLICATIONS, INC., Greenwich, Conn. Filed June 24, 1938.

Romantic Story

For Monthly Magazine.
Claims use since June 10, 1938.

Ser. No. 408,011. WALTER O. DERINGER, doing business as Farm Ideas, Minneapolis, Minn. Filed June 29, 1938.

FARM IDEAS

For Periodical.
Claims use since June 1, 1937.

Ser. No. 408,051. T. RAY COSTERISAN, doing business as The Police Patrol Publishing Company, Burbank, Calif. Filed June 30, 1938.

The Police Patrol

For Magazines Issued from Time to Time.
Claims use since Mar. 1, 1938.

CLASS 39

Clothing

Ser. No. 391,149. S. RUDOFKER'S SONS, Philadelphia, Pa. Filed Apr. 9, 1937.

AFTER SIX

For Coats, Pants, Vests, and Suits for Men, Particularly for Formal Wear.
Claims use since July 1, 1936.

Ser. No. 397,903. B. GERTZ, INC., Jamaica, N. Y. Filed Sept. 28, 1937.

Guildsley

GERTZ Jamaica

The words "Gertz" and "Jamaica" are disclaimed except as shown.
For Men's and Boys' Suits, Overcoats, and Topcoats.
Claims use since Sept. 8, 1937.

Ser. No. 401,039. WILSON BROTHERS, Chicago, Ill. Filed Dec. 18, 1937.

LARIAT
SATINS



Applicant disclaims the word "Satins" apart from the mark.
For Men's Neckties.
Claims use since June 1, 1937.

Ser. No. 401,040. WILSON BROTHERS, Chicago, Ill. Filed Dec. 18, 1937.

LORI
CREATIONS



Applicant disclaims the word "Creations" apart from the mark.
For Men's Neckties.
Claims use since June 1, 1937.

Ser. No. 401,041. WILSON BROTHERS, Chicago, Ill. Filed Dec. 18, 1937.

SEMINOLE
BASKETS



For Men's Neckties.
Claims use since June 1, 1937.

Ser. No. 401,042. WILSON BROTHERS, Chicago, Ill. Filed Dec. 18, 1937.

TARZDALE
RADZIMIR



For Men's Neckties.
Claims use since June 1, 1937.

Ser. No. 401,043. WILSON BROTHERS, Chicago, Ill. Filed Dec. 18, 1937.

VENICE
SATIN



Applicant disclaims the words "Venice" and "Satin" apart from the mark.
For Men's Neckties.
Claims use since June 1, 1937.

Ser. No. 402,685. LE ROI HOSIERY CO., INC., New York, N. Y. Filed Feb. 4, 1938.

Babe Le Roi

SANITIZED

No claim is made to the word "Sanitized" apart from the mark.
For Hosiery.
Claims use since Jan. 6, 1938.

Ser. No. 403,889. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Filed Mar. 10, 1938.

Continental

For Women's Slips.
Claims use since Dec. 18, 1937.

Ser. No. 405,366. NEVA-MOTH CORPORATION OF AMERICA, New York, N. Y. Filed Apr. 16, 1938.

NEVCO



The words "Neva Moth" are disclaimed apart from the mark.
For Men's Coats.
Claims use since Apr. 1, 1938.

Ser. No. 406,413. AXEL, LIMITED, New York, N. Y. Filed May 17, 1938.

The Spa

For Golf Jackets, Ski Jackets, and Raincoats for Men, Women, and Children.
Claims use since Apr. 29, 1938.

Ser. No. 406,414. BEST & CO., INC., New York, N. Y. Filed May 17, 1938.

The Best Twins

For Hosiery; Leather and Fabric Gloves; Women's, Misses', and Children's Dresses, Negligees, Underwear, Corsets, and Leather, Canvas, and Rubber Shoes.
Claims use since Mar. 27, 1934.

Ser. No. 406,750. COMMERCIAL SHIRT CORPORATION, New York, N. Y. Filed May 26, 1938.

Q—T
PINLESS
DIAPER

No claim is made to the expression "Pinless Diaper" except as shown.
For Textile Baby Diapers.
Claims use since Apr. 15, 1938.

Ser. No. 407,017. A. GARSIDE & SONS, Philadelphia, Pa. Filed June 2, 1938. Under 10-year proviso.

Garside

For Women's Shoes of Leather or Fabric and/or Combinations Thereof.
Claims use since 1885.

Ser. No. 407,211. THE B. V. D. CORPORATION, Baltimore, Md. Filed June 8, 1938.

SHEER COMFORT

The word "Sheer" is disclaimed apart from the mark.
For Ladies' and Men's Pajamas and Men's Shorts.
Claims use since 1931.

Ser. No. 407,375. THE H. W. GOSSARD CO., Chicago, Ill. Filed June 11, 1938.

Sand-glo

For Corsets, Girdles, and Combination Corsets and Brassières.
Claims use since June 1, 1938.

Ser. No. 407,799. EAGLE CLOTHES, New York, N. Y. Filed June 23, 1938.

Glen-Gora

For Overcoats and Topcoats for Men and Young Men.
Claims use since June 10, 1938.

Ser. No. 407,807. GLOBE KNITTING WORKS, Grand Rapids, Mich. Filed June 23, 1938.

Scram

For Combination Polo Shirt and Underwear for Men, Boys, Women, and Children.
Claims use since Feb. 25, 1938.

Ser. No. 407,825. THE H. A. SEINSHEIMER COMPANY, Cincinnati, Ohio. Filed June 23, 1938.

Breezers

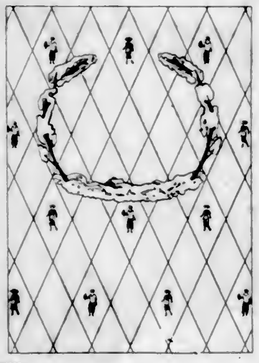
For Poplin Suits for Men and Young Men.
Claims use since March, 1936.

Ser. No. 407,850. BROWN SHOE COMPANY, INC., St. Louis, Mo. Filed June 24, 1938.

Jolly Stride

For Men's, Women's, and Children's Shoes of Leather, Fabric, Compositions, and Combinations Thereof.
Claims use since June 15, 1938.

Ser. No. 408,048. CANNON MILLS COMPANY, Kannapolis, N. C. Filed June 30, 1938.



For Hosiery.
Claims use since Mar. 11, 1937.

Ser. No. 408,059. HOOD RUBBER COMPANY, INC., Wilmington, Del., and Watertown, Mass. Filed June 30, 1938.

Galettes

For Rubber Boots and Shoes, Rubber Overshoes, and Rubber-Soled Canvas Shoes.
Claims use since July 28, 1938.

Ser. No. 408,149. BARNEY'S CLOTHES, INC., New York, N. Y. Filed July 2, 1938.

CASH-MASTER

For Men's Suits, Overcoats, Topcoats, Raincoats, Tuxedos, Sport Coats and Jackets, Trousers, Vests, Knickerbockers, and Slacks.
Claims use since June 24, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 399,560. HUGHES FAWCETT, INC., New York, N. Y. Filed Nov. 10, 1937.

The "Sportsmans"

For Shoe Laces.
Claims use since 1900.

Ser. No. 407,442. SEARS, ROEBUCK AND CO., Chicago Ill. Filed June 13, 1938.

Hearthside

For Stamped Fancywork Comprising Scarfs, Centerpieces, Buffet Sets, Pillow Cases, Rug Patterns, and Quilt Patches.
Claims use since July 15, 1936.

Ser. No. 407,503. ROBERT T. PLATE, doing business as Plate Manufacturing Company, Detroit, Mich. Filed June 15, 1938.

PRESTO

For Non-Electrical Hair Curlers and Bob Pins.
Claims use since Oct. 16, 1937.

Ser. No. 407,504. ROBERT T. PLATE, doing business as Plate Manufacturing Company, Detroit, Mich. Filed June 15, 1938.

PRESTO-Matic

For Non-Electrical Hair Curlers and Bob Pins.
Claims use since Mar. 20, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 402,308. THE MILLVILLE MANUFACTURING COMPANY, Philadelphia, Pa. Filed Jan. 25, 1938.



RED STAR

For Towels and Toweling.
Claims use since Sept. 23, 1919.

Ser. No. 404,014. PARKER, WILDER & CO., New York, N. Y. Filed Mar. 12, 1938.

Parkswede

The word "Suede" is not claimed except in combination with the prefix "Park".
For Woolen Piece Goods.
Claims use since Mar. 1, 1936.

Ser. No. 406,680. N. FLUEGELMAN & CO., INC., New York, N. Y. Filed May 24, 1938.

JERI PRINTS

The word "Prints" is disclaimed apart from the mark.
For Goods in the Piece of Silk, Rayon, Cotton, Wool, and Linen, Woven, Netted, or Knitted and/or Combinations Thereof.
Claims use since Apr. 1, 1938.

Ser. No. 407,116. TINGUE, BROWN & CO., New York, N. Y. Filed June 4, 1938.

WOOLTEX

For Pads of Jute and Hair for Use in Laundry Establishments.
Claims use since Jan. 29, 1930.

Ser. No. 407,313. GOODMAN & DESSAUER, INC., New York. N. Y. Filed June 10, 1938.

GEE-N-DEE "REEL" LACE

No claim is made to the words "Reel Lace" apart from the mark.
For Lace Made of Cotton, Silk, Artificial Silk, Wool, Mercerized Cotton, Imitation Metal Threads, and Rayons; and Known in the Trade as Valenciennes, Torchons, Cluny, Tattings, Ribbon Beadings, Art Laces, Venices, Pillow Case Laces, Imitation Irish Lace, Imitation Filet, Filet Crochet, Alençons, Warp Laces, Mechlins, Duchess, Chantilly, Centergulmpes, Footings, and Other Like Laces Merchandised in Wound Form.
Claims use since June 6, 1938.

Ser. No. 407,854. DUPLAN SILK CORPORATION, New York, N. Y. Filed June 24, 1938.

EVERGRAND

For Silk, Satin, Rayon, and Cotton Fabrics, and Mixtures Thereof, in the Piece.
Claims use since Apr. 15, 1938.

Ser. No. 408,016. DANIEL W. FARNSWORTH, New York, N. Y. Filed June 29, 1938.

Imperial Cashmere

TRADE MARK

IMPORTED
PURE WOOLS-MOHAIR

The words "Cashmere", "Imported Pure Wools", and "Mohair" are disclaimed apart from the mark.
For Woolen and Worsted Piece Goods.
Claims use since June, 1918.

Ser. No. 408,027. GORDON V. LYONS, INC., New York, N. Y. Filed June 29, 1938.

MARCO POLO

For Pile Fabrics, in the Piece, of Cotton Base, Combination Wool and Mohair.
Claims use since Feb. 1, 1937.

Ser. No. 408,508. THE POND LILY COMPANY, New Haven, Conn. Filed July 14, 1938.

PONDOE

For Piece Goods of Cotton, Rayon, Linen, or Woolen, or Mixtures Thereof.
Claims use since June 15, 1938.

Ser. No. 408,675. WILMERDING & BISSET, New York, N. Y. Filed July 19, 1938.

SIROCCO

For Rayon and Cotton Fabrics.
Claims use since Sept. 3, 1937.

CLASS 43

Thread and Yarn

Ser. No. 402,669. AMERICAN BEMBERG CORPORATION, New York, N. Y. Filed Feb. 4, 1938.

BEMBERG

The Aristocrat of Man-made Yarns

The words "Of Man-Made Yarns" are disclaimed apart from the mark.
For Thread and Yarn of Artificial Origin.
Claims use since Mar. 29, 1933.

Ser. No. 402,670. AMERICAN BEMBERG CORPORATION, New York, N. Y. Filed Feb. 4, 1938.

BEMBERG RAYON Aristocrat OF MAN-MADE YARNS

The words "Rayon" and "Man-Made Yarns" are disclaimed apart from the mark.
For Thread and Yarn of Artificial Origin.
Claims use since Feb. 1, 1936.

Ser. No. 402,671. AMERICAN BEMBERG CORPORATION, New York, N. Y. Filed Feb. 4, 1938.

Aristocrat OF MAN-MADE YARNS

The words "Of Man-Made Yarns" are disclaimed apart from the mark.
For Thread and Yarn of Artificial Origin.
Claims use since Mar. 29, 1933.

Ser. No. 402,847. COMMERCIALE ITALIANA SOCIETÀ ANONIMA PER IL RAYON CISA-RAYON, Rome, Italy. Filed Feb. 9, 1938.

GRUPPO CISA VISCOSA
TENAX
ROMA

The words "Gruppo Viscosa" and "Roma" are disclaimed. The drawing is lined for red, green, black, and orange.
For Thread and Yarn.
Claims use since May, 1937.

Ser. No. 402,848. COMMERCIALE ITALIANA SOCIETÀ ANONIMA PER IL RAYON CISA-RAYON, Rome, Italy. Filed Feb. 9, 1938.

GRUPPO CISA VISCOSA
CISAFIOCCO
ROMA

The words "Gruppo Viscosa" and "Roma" are disclaimed. The drawing is lined for red, green, black, and orange.
For Thread and Yarn.
Claims use since May, 1937.

Ser. No. 402,849. COMMERCIALE ITALIANA SOCIETÀ ANONIMA PER IL RAYON CISA-RAYON, Rome, Italy. Filed Feb. 9, 1938.

GRUPPO CISA VISCOSA
ROMA

The words "Gruppo Viscosa" and "Roma" are disclaimed. The drawing is lined for red, green, black, and orange.
For Thread and Yarn.
Claims use since May, 1937.

Ser. No. 407,839. JULIUS A. WEINBERGER, doing business as The Jawine Company, New York, N. Y. Filed June 24, 1938.

TWEEDLE-DEE

For Angora Yarn.
Claims use since June 16, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 407,044. VERNON-BENSHOFF COMPANY, Pittsburgh, Pa. Filed June 2, 1938.

VERNONITE

For Restorative Dental Appliances Including Full Dentures, Partial Dentures, Removable Bridges, Clasps, Palatal-Bars, Obturators, Post Surgical Splints, Inlays and Artificial Teeth; and Corrective Appliances Including Bite-Planes, Orthodontia Retention Devices, Interdental Splints, and Onlays for the Correction of Occlusal Maladjustments.
Claims use since Oct. 7, 1937.

Ser. No. 408,479. JACQUITH P. SWANN, Chicago, Ill. Filed July 13, 1938.

Swann

No claim is made to the name "Swann" except as shown.
For Dentures—Namely, Porcelain Inlays, Porcelain Jacket Crowns, Porcelain Bridges, Cast Dentures, Partial Dentures, Full Dentures, Modified Denture Teeth, Combination of Gold and Porcelain Bridges, Porcelain Tooth Shade Guide, Irido-Platinum Plate, Irido-Platinum Bars, and Platinum Solders.
Claims use since June, 1933.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 407,438. EMIL MASCOLO, doing business as C. Mascolo Bottling Works, Waterbury, Conn. Filed June 13, 1938.

MATTATUCK

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Apr. 30, 1930.

Ser. No. 407,670. GARNER-TARKENTON, Wilson, N. C. Filed June 20, 1938.

PEPS YOUR STEP
Drink
SOL—KO
EACH GLASS CONTAINS 100 UNITS VITAMIN "D" SUNSHINE

No claim is made to the words "Drink" and "Each Glass Contains 100 Units Vitamin 'D' Sunshine". The portrait is fanciful.
For Non-Alcoholic Soda Fountain Beverage.
Claims use since June 1, 1938.

Ser. No. 408,550. JOSEPH A. SCHIRUSKA, doing business as Big Boy Bottling Company, Wildwood, Fla. Filed July 15, 1938.

RIP'S
BEVERAGES
Tops the World

No claim is made to the word "Beverages."
For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Dec. 10, 1936.

Ser. No. 408,616. MISCOE SPRING WATER COMPANY, Mendon, Mass. Filed July 18, 1938.

FORESTDALE

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Jan. 2, 1938.

Ser. No. 408,763. THE RED ROCK CO., Atlanta, Ga. Filed July 21, 1938.

RED ROCK

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since January, 1902.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 385,098. ROY ALEXANDER HUNTER, Vancouver, British Columbia, Canada. Filed Nov. 3, 1936.

Nutra-Lak

For Flour Blended from Various Flours and Granulations of Wheat, Rye, Buckwheat, Oats, and Barley and for Bread, Muffins, Buns, Rolls, Crackers, and Biscuits Made from Said Flour.
Claims use since Sept. 25, 1936.

Ser. No. 393,319. JOSEPH CODMAN, doing business as Codman's Packing Co., Elmhurst, N. Y. Filed May 27, 1937.

Vitality
VITALITY IN EVERY BITE
BRAND

Applicant disclaims the word "Brand" apart from the mark.
For Bacon.
Claims use since May 14, 1936.

Ser. No. 393,692. CENTRAL WISCONSIN CANNERIES, Beaver Dam, Wis. Filed June 5, 1937.



For Canned Vegetables.
Claims use since 1920.

Ser. No. 395,019. THE CHICKEN SHACK, INCORPORATED, Chicago, Ill. Filed July 9, 1937.



THE CHICKEN SHACK
THE BEST FRIED CHICKEN IN TOWN

Applicant disclaims "The Best Fried Chicken in Town" apart from the mark.
For Fried Chicken and French Fried Potatoes.
Claims use since Jan. 10, 1931.

Ser. No. 395,109. COSBY-HODGES MILLING CO. INC., Birmingham, Ala. Filed July 12, 1937.

BRINGS HOME THE BACON

For Pig and Hog Feed.
Claims use since July 1, 1937.

Ser. No. 397,660. GROCERS SERVICE CORPORATION, Chicago, Ill. Filed Sept. 22, 1937.

VITA-RIPE

The word "Ripe" is disclaimed apart from the mark.
For Canned Fruits and Vegetables—Namely, Spinach, Tomatoes, Peas and Carrots, Sauer Kraut, Stringless Beans, Peas, Strawberries, Raspberries, Pears, Grapefruit.
Claims use since Aug. 3, 1937.

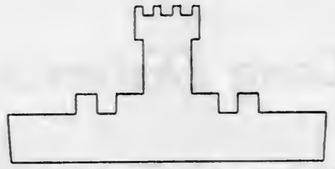
Ser. No. 397,975. WILLIAM C. KIMBROUGH, doing business as Abbeville Packing Company, Lafayette, La. Filed Sept. 30, 1937.

GULF KING

For Canned Vegetables, Canned Oysters, and Canned Berries.
Claims use since January, 1934.

Ser. No. 398,117. OSCAR MAYER & COMPANY, Chicago, Ill. Filed Oct. 4, 1937.

Windsor



No claim is made to the word "Windsor" apart from the association shown.
For Smoked Meats Including Pork, Ham, and Bacon; Sausage, Boiled Ham, Butter and Eggs, and Dried Sausage.
Claims use since Sept. 22, 1922.

Ser. No. 398,375. STANDARD MILLING COMPANY, New York, N. Y. Filed Oct. 11, 1937.

GOLDEN EVE

For Wheat Flour.
Claims use since Sept. 14, 1937.

Ser. No. 398,376. STANDARD MILLING COMPANY, New York, N. Y. Filed Oct. 11, 1937.

GULF PRIDE

For Wheat Flour.
Claims use since Sept. 14, 1937.

Ser. No. 399,500. THE CHICKEN SHACK, Waco, Tex. Filed Nov. 9, 1937.

LESLIE'S FRIED CHICKEN



THE CHICKEN SHACK

No claim is made to the term "Leslie's Fried Chicken" apart from the mark.
For Fried Chicken.
Claims use since Apr. 1, 1934.

Ser. No. 400,502. GILMOUR BROS. & COMPANY, LIMITED, Montreal, Quebec, Canada. Filed Dec. 6, 1937.

GYREX

For Vegetable Agent—Namely, Marine Algae, Used in Emulsifying Milk, Chocolate Milk, and Ice Cream Mixes.
Claims use since Sept. 20, 1937.

Ser. No. 401,634. WESLACO CITRUS ASSOCIATION, Weslaco, Tex. Filed Jan. 6, 1938.

RIO DELTA

For Fresh Citrus Fruits.
Claims use since Oct. 18, 1937.

Ser. No. 402,393. WAYNE YARLING, Elwood, Ind. Filed Jan. 27, 1938.

Fire-Side

For Popcorn in Its Natural State, Cleaned and Shelled and Ready for Popping.
Claims use since Nov. 30, 1937.

Ser. No. 403,751. JOHN BROWN, Ossining, N. Y. Filed Mar. 7, 1938.

BROWNS
Hickory Smoked Turkey
SMOKED-BROILED

The terms "Hickory Smoked Turkey" and "Smoked-Broiled" are disclaimed apart from the mark.
For Especially Prepared Turkeys, Ready to Serve
Claims use since January, 1930.

Ser. No. 405,027. LA BREA SECURITIES CO., Los Angeles, Calif., also doing business as Rosemary Packing Company, Santa Maria, Calif. Filed Apr. 8, 1938.

ROSEQUEEN

For Fresh Vegetables.
Claims use since Mar. 28, 1938.

Ser. No. 405,053. ATLAS CANNING COMPANY, INC., New York and Glendale, N. Y. Filed Apr. 9, 1938.

OH-KAY



For Canned Food for Dogs, Cats, and Carnivorous Animals.
Claims use since Dec. 1, 1934.

Ser. No. 405,778. THE MIDLAND FLOUR MILLING COMPANY, Kansas City, Mo. Filed Apr. 27, 1938.

Trovador

For Wheat Flour.
Claims use since Apr. 13, 1928.

Ser. No. 406,029. THE QUAKER OATS COMPANY, Chicago, Ill. Filed May 5, 1938.

CARNIVAL

For Rolled Oats.
Claims use since Apr. 26, 1938.

Ser. No. 406,624. WARD DANIELS, Fillmore, Calif. Filed May 23, 1938.

GOLDEN ACRES

For Fresh Citrus Fruit.
Claims use since May 2, 1938.

Ser. No. 407,482. ALBERS BROS. MILLING CO., Portland, Oreg.; San Francisco, Oakland, Los Angeles, Fresno, Riverside, Sacramento, and San Jose, Calif.; and Seattle, Tacoma, and Spokane, Wash. Filed June 15, 1938.

TRIP-L-DUTY

For Poultry Food.
Claims use since Feb. 10, 1938.

Ser. No. 407,578. CRESCENT NUT & CHOCOLATE CO., Philadelphia, Pa. Filed June 15, 1938.

CRESCENT



For Peanuts, Both Salted and Plain, Peanut Butter.
Claims use since 1917 on nuts, and since 1928 on peanut butter.

Ser. No. 407,965. WILLIAMSON CANDY COMPANY, Chicago, Ill. Filed June 27, 1938.

Long Distance

For Candy.
Claims use since June 15, 1938.

Ser. No. 408,357. SPITZ-ARNSTEIN & CO., INC., New York, N. Y. Filed July 9, 1938.

TaTra

For Candies.
Claims use since July 5, 1938.

Ser. No. 408,444. ABBOTTS DAIRIES, INCORPORATED, Philadelphia, Pa. Filed July 13, 1938.

Sunny Lane

For Cream Cheese.
Claims use since May 2, 1938.

Ser. No. 408,467. MARYLAND BAKING COMPANY, INC., Baltimore, Md. Filed July 13, 1938.

WHITE PRINCESS

For Ice Cream Cones.
Claims use since June 29, 1938.

Ser. No. 408,525. ACME MARKETS, INC., Philadelphia, Pa. Filed July 15, 1938.

BONNIE OAK

For Evaporated Milk.
Claims use since Apr. 6, 1938.

CLASS 47

Wines

Ser. No. 401,447. JOSEPH E. PHELAN, INC., Salem, Mass. Filed Dec. 31, 1937.

Hall Mark JEP

For Wines.
Claims use since Oct. 7, 1937.

Ser. No. 403,563. ROMA WINE COMPANY, INC., Lodi and Los Angeles, Calif., and New York, N. Y. Filed Mar. 1, 1938.

MANHATTAN BELLE

No claim is made to the word "Manhattan" apart from the mark.
For Wines.
Claims use since Dec. 1, 1937.

Ser. No. 403,712. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Filed Mar. 5, 1938.

SUNBEAM

For Sherry, Claret, Burgundy, Muscatel, Port, Tokay, Riesling, Sauternes.
Claims use since Dec. 22, 1937.

Ser. No. 407,027. PAUL MASSON CHAMPAGNE COMPANY, Saratoga, Calif. Filed June 2, 1938.

ŒIL DE PERDRIX
(EYE OF PARTRIDGE)



The words "Oeil de Perdrix" and "Eye of Partridge" are disclaimed apart from the mark.
For Wines.
Claims use since 1908.

CLASS 48

Malt Beverages and Liquors

Ser. No. 406,884. PH. SCHNEIDER BREWING CO., Trinidad, Colo. Filed May 28, 1938.

CENTURY

For Beer.
Claims use since 1906.

Ser. No. 408,476. RENO BREWING COMPANY, INC., Reno, Nev. Filed July 13, 1938.

ONE SOUND STATE

For Beer.
Claims use since June 28, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 403,595. LONDON & CO., INC., Elizabeth, N. J. Filed Mar. 2, 1938.

GOLDEN GLOVE

For Whiskey.
Claims use since Oct. 9, 1935.

Ser. No. 408,191. HOFFMAN DISTILLING COMPANY, INC., Lawrenceburg, Ky. Filed July 5, 1938. Under 10-year proviso.

OLD HOFFMAN

For Whiskey.
Claims use since May 17, 1894.

Ser. No. 408,398. PIONEER ATLAS LIQUOR CO., Chicago, Ill. Filed July 11, 1938.

BOURBON QUEEN

Applicant disclaims the word "Bourbon" apart from the mark.
For Bourbon Whiskey.
Claims use since Apr. 12, 1938.

Ser. No. 405,053. ATLAS CANNING COMPANY, INC., New York and Glendale, N. Y. Filed Apr. 9, 1938.

OH-KAY



For Canned Food for Dogs, Cats, and Carnivorous Animals.
Claims use since Dec. 1, 1934.

Ser. No. 405,778. THE MIDLAND FLOUR MILLING COMPANY, Kansas City, Mo. Filed Apr. 27, 1938.

Trovador

For Wheat Flour.
Claims use since Apr. 13, 1928.

Ser. No. 406,029. THE QUAKER OATS COMPANY, Chicago, Ill. Filed May 5, 1938.

CARNIVAL

For Rolled Oats.
Claims use since Apr. 26, 1938.

Ser. No. 406,624. WARD DANIELS, Fillmore, Calif. Filed May 23, 1938.

GOLDEN ACRES

For Fresh Citrus Fruit.
Claims use since May 2, 1938.

Ser. No. 407,482. ALBERS BROS. MILLING CO., Portland, Oreg.; San Francisco, Oakland, Los Angeles, Fresno, Riverside, Sacramento, and San Jose, Calif.; and Seattle, Tacoma, and Spokane, Wash. Filed June 15, 1938.

TRIP-L-DUTY

For Poultry Food.
Claims use since Feb. 10, 1938.

Ser. No. 407,578. CRESCENT NUT & CHOCOLATE CO., Philadelphia, Pa. Filed June 15, 1938.

CRESCENT



For Peanuts, Both Salted and Plain, Peanut Butter.
Claims use since 1917 on nuts, and since 1928 on peanut butter.

Ser. No. 407,965. WILLIAMSON CANDY COMPANY, Chicago, Ill. Filed June 27, 1938.

Long Distance

For Candy.
Claims use since June 15, 1938.

Ser. No. 408,357. SPITZ-ARNSTEIN & CO., INC., New York, N. Y. Filed July 9, 1938.

TaTra

For Candies.
Claims use since July 5, 1938.

Ser. No. 408,444. ABBOTTS DAIRIES, INCORPORATED, Philadelphia, Pa. Filed July 13, 1938.

Sunny Lane

For Cream Cheese.
Claims use since May 2, 1938.

Ser. No. 408,467. MARYLAND BAKING COMPANY, INC., Baltimore, Md. Filed July 13, 1938.

WHITE PRINCESS

For Ice Cream Cones.
Claims use since June 29, 1938.

Ser. No. 408,525. ACME MARKETS, INC., Philadelphia, Pa. Filed July 15, 1938.

BONNIE OAK

For Evaporated Milk.
Claims use since Apr. 6, 1938.

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Wines

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Claims use since Dec. 22, 1937.

Ser. No. 407,027. PAUL MASSON CHAMPAGNE COMPANY, Saratoga, Calif. Filed June 2, 1938.

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Applicant disclaims the word "Bourbon" apart from the mark.
For Bourbon Whiskey.
Claims use since Apr. 12, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

AUGUST 30, 1938

359,651. HONEY MINT, GARLIC TABLETS, REDUCING BEVERAGE, ANTI-DIABETIC TEA. MODERN HEALTH PRODUCTS, Milwaukee, Wis., now by change of name Modern Diet Products, Inc., a corporation of Delaware.
Filed May 5, 1933. Serial No. 337,535. PUBLISHED JUNE 7, 1938. Class 6.

359,652. WINES. CALIFORNIA GROWERS WINERIES, INC., Fresno, Calif.
Filed October 3, 1934. Serial No. 356,688. PUBLISHED NOVEMBER 13, 1934. Class 47.

359,653. CANNED FISH AND SHELL FISH, CANNED MILK, AND MAPLE SYRUP. R. KEITH HALL, doing business as Stone-Hall Company, Denver, Colo.
Filed July 16, 1935. Serial No. 367,351. PUBLISHED SEPTEMBER 28, 1937. Class 46.

359,654. AROMATICS FOR USE AS A PERFUME INGREDIENT. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed March 11, 1936. Serial No. 375,866. PUBLISHED MAY 31, 1938. Class 6.

359,655. AROMATICS FOR USE AS A PERFUME INGREDIENT. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed March 11, 1936. Serial No. 375,867. PUBLISHED MAY 31, 1938. Class 6.

359,656. FRESH CITRUS FRUITS, PEACHES, FRESH VEGETABLES, AND FRESH STRAWBERRIES. PRODUCE CONDITIONERS, INCORPORATED, Miami, Fla.
Filed April 6, 1936. Serial No. 376,861. PUBLISHED JUNE 21, 1938. Class 46.

359,657. HYGROSCOPIC GLYCOL COMPOSITIONS FOR USE AS AN ANTI-FREEZE AND FOR SWELLING JUTE AND SIMILAR PACKING MATERIALS FOR PIPE JOINTS IN CAST IRON DISTRIBUTION SYSTEMS DISTRIBUTING GAS. CARBIDE AND CARBON CHEMICALS CORPORATION, New York, N. Y.
Filed July 2, 1936. Serial No. 380,498. PUBLISHED OCTOBER 27, 1936. Class 6.

359,658. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, CLEANSING CREAMS, OBESITY CREAMS, ETC. LUNDBORG PERFUMER, INC., New York, N. Y.
Filed July 25, 1936. Serial No. 381,462. PUBLISHED JUNE 21, 1938. Class 6.

359,659. CANNED FRUITS, DRIED FRUITS, CANNED VEGETABLES, CANNED FISH, CANNED SHRIMP, CANNED OYSTERS, CANNED SOUPS, ETC. MERCHANTS SERVICE CORPORATION, Chicago, Ill., assignor to Recorg Supply Corporation, Chicago, Ill., a corporation of Delaware.
Filed August 31, 1936. Serial No. 382,759. PUBLISHED NOVEMBER 9, 1937. Class 46.

359,660. SOLUTION OF SULPHUR IN COLLOIDAL FORM FOR EXTERNAL AND INTERNAL USE, ETC. MULFORD COLLOID LABORATORIES, Philadelphia, Pa.
Filed September 18, 1936. Serial No. 383,401. PUBLISHED APRIL 27, 1937. Class 6.

359,661. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed February 19, 1937. Serial No. 389,140. PUBLISHED APRIL 27, 1937. Class 46.

359,662. OPTICAL GLASS PRODUCTS, SUCH AS SIMPLE AND COMBINED LENSES, PRISMS, MIRRORS, FILTERS, FOCUS PLATES, PLANE-PARALLEL PLATES, ETC. OPTIKOTECHNA SPOLEČNOST S R. O., Prerov, Czechoslovakia.
Filed April 1, 1937. Serial No. 390,805. PUBLISHED JUNE 21, 1938. Class 26.

359,663. MEDICATED PREPARATION, OINTMENT, OR SALVE EXTERNALLY USED ON THE SKIN FOR THE TREATMENT OF SKIN AFFECTIONS, SUCH AS MINOR LACERATIONS, BURNS, CUTS, CHAPPED SKIN, INSECT BITES, COLD SORES, BLISTERS, BOILS, SUNBURN, AND IRRITATIONS CAUSED BY CHAFING. NATHAN GITTLESON, doing business as Pinxav Laboratories, Cleveland, Ohio.
Filed April 9, 1937. Serial No. 391,124. PUBLISHED JUNE 22, 1937. Class 6.

359,664. GARLIC OIL AND CAPSULES FILLED WITH GARLIC OIL FOR USE IN THE TREATMENT OF ARTERIOSCLEROSIS AND DYSPEPSIA AND AS A DISINFECTANT OF THE INTESTINES IN CASES OF DIARRHEA, COLIC, METEORISM, AND WORM AILMENTS. DR. MADAUS & CO., Radebeul-Dresden, Germany.
Filed April 9, 1937. Serial No. 391,138. PUBLISHED JUNE 7, 1938. Class 6.

359,665. GERMICIDE AND ANTISEPTIC. MCKESSON & ROBBINS, INCORPORATED, Bridgeport and Fairfield, Conn.
Filed April 10, 1937. Serial No. 391,188. PUBLISHED MAY 25, 1937. Class 6.

359,666. RAZORS AND RAZOR BLADES. CONTINENTAL BLADE CORPORATION, Brooklyn, N. Y.
Filed April 26, 1937. Serial No. 391,853. PUBLISHED JUNE 22, 1937. Class 23.

359,667. COMPLETE LINE OF CHEMICALS AND PREPARATIONS FOR USE IN THE DEVELOPMENT OF PHOTOGRAPHS, ETC. THE EDWAL LABORATORIES, INC., Chicago, Ill.
Filed June 4, 1937. Serial No. 393,638. PUBLISHED JUNE 21, 1938. Class 6.

359,668. NOSE DROPS, COLD AND FEVER TONICS, HEADACHE POWDERS, AND EYE WATER. ALVIN M. HITT, doing business as Cos-Tal Laboratories Co., Savannah, Ga.
Filed June 9, 1937. Serial No. 393,852. PUBLISHED JUNE 7, 1938. Class 6.

359,669. CHEMICAL FOR PERMANENTLY WAVING HAIR. THE ENDURA CORPORATION, Los Angeles, Calif.
Filed June 14, 1937. Serial No. 394,029. PUBLISHED AUGUST 17, 1937. Class 6.

359,670. SKIN CREAM. POND'S EXTRACT COMPANY, New York, N. Y.
Filed July 7, 1937. Serial No. 394,953. PUBLISHED JUNE 14, 1938. Class 6.

359,671. PREPARATIONS TO BROWN THE SKIN AND TO PROTECT THE SKIN AGAINST SUN BURNING. EDUARD JOHANN PAWLATA, Vienna, Austria.
Filed July 8, 1937. Serial No. 394,996. PUBLISHED MAY 31, 1938. Class 6.

359,672. FRESH AND CANNED VEGETABLES, ALSO FRUIT JUICES FOR FOOD PURPOSES. H. L. LYONS, Pompano, Fla.
Filed July 10, 1937. Serial No. 395,072. PUBLISHED JUNE 21, 1938. Class 46.

359,673. SELF EMULSIFYING DEGREASING SOLVENTS—NAMELY, GREASE SOLVENTS, GLASS CLEANING PREPARATIONS, ABRASIVE CLEANERS. BENNETT INCORPORATED, Cambridge, Mass.
Filed August 19, 1937. Serial No. 396,557. PUBLISHED JUNE 21, 1938. Class 4.

359,674. MALTLESS, NONALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME. ARCTIC FRUIT ALES CO., INC., Brooklyn, N. Y.
Filed August 20, 1937. Serial No. 396,590. PUBLISHED JUNE 21, 1938. Class 45.

359,675. PARLOR FOOTBALL GAME OF THE TYPE WHICH IS PLAYED BY MEANS OF A BOARD REPRESENTING A FOOTBALL FIELD AND CARDS FOR INDICATING THE MOVES TO BE MADE. RUSH MANUFACTURING CO., Philadelphia, Pa.
Filed August 31, 1937. Serial No. 396,968. PUBLISHED JUNE 21, 1938. Class 22.

359,676. AGENT FOR PREVENTING THE FORMATION OF FOAM IN THE MANUFACTURE OF PAPER, GLUE, SOAP, BEET SUGAR, CASEIN, AND OTHER MATERIALS OF A LIKE NATURE. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa.
Filed September 11, 1937. Serial No. 397,346. PUBLISHED JUNE 7, 1938. Class 6.

359,677. FILE CABINETS, DRAWERS, AND PARTS THEREOF. HOWARD E. HEDGES, doing business as The Hedges Manufacturing Company, Chicago, Ill.
Filed September 15, 1937. Serial No. 397,443. PUBLISHED JUNE 21, 1938. Class 32.

359,678. OPHTHALMIC MOUNTINGS. BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y.
Filed September 21, 1937. Serial No. 397,606. PUBLISHED JUNE 21, 1938. Class 26.

359,679. WHISKEY. EZEKIEL S. EPSTEIN, Danville, Ill.
Filed October 4, 1937. Serial No. 398,100. PUBLISHED JUNE 21, 1938. Class 49.

359,680. DAIRY AND HOUSEHOLD CLEANSER. JOHN T. STANLEY CO., INC., New York, N. Y.
Filed October 8, 1937. Serial No. 398,296. PUBLISHED JUNE 21, 1938. Class 4.

359,681. MEDICINAL WINE USED AS A LAXATIVE AND MILD APPETIZER. JADWIGA REMEDIES, INC., Brooklyn, N. Y.
Filed October 9, 1937. Serial No. 398,317. PUBLISHED JUNE 7, 1938. Class 6.

359,682. OVARIAN EXTRACT FOR THE TREATMENT OF AFFECTIONS RESULTING FROM FUNCTIONAL INSUFFICIENCY OF THE OVARY, OF THE MENOPAUSE AND OF CASTRATION. SOCIETE EN NOM COLLECTIF BEAUNE & BOURCK, doing business as Laboratoires Crinex-Uvé, Paris, France.
Filed October 14, 1937. Serial No. 398,501. PUBLISHED JUNE 7, 1938. Class 6.

359,683. OVARIAN EXTRACT FOR THE TREATMENT OF AFFECTIONS RESULTING FROM FUNCTIONAL INSUFFICIENCY OF THE OVARY, OF THE MENOPAUSE AND OF CASTRATION. SOCIETE EN NOM COLLECTIF BEAUNE & BOURCK, doing business as Laboratoires Crinex-Uvé, Paris, France.
Filed October 14, 1937. Serial No. 398,502. PUBLISHED JUNE 7, 1938. Class 6.

359,684. OVARIAN EXTRACT FOR THE TREATMENT OF AFFECTIONS RESULTING FROM FUNCTIONAL INSUFFICIENCY OF THE OVARY, OF THE MENOPAUSE AND OF CASTRATION. SOCIETE EN NOM COLLECTIF BEAUNE & BOURCK, doing business as Laboratoires Crinex-Uvé, Paris, France.
Filed October 14, 1937. Serial No. 398,503. PUBLISHED JUNE 7, 1938. Class 6.

359,685. MEDICINAL TABLETS FOR THE TREATMENT OF ENDOCRINIAN DEFICIENCIES IN PEOPLE SUFFERING FROM ULCERS OF THE LIMBS. FÉLIX JEAN CAUCHOIS, Hussigny-Godbrange, Meurthe-et-Moselle, France.
Filed October 15, 1937. Serial No. 398,514. PUBLISHED JUNE 7, 1938. Class 6.

359,686. MEDICINAL OINTMENTS FOR SKIN DISEASES. FÉLIX JEAN CAUCHOIS, Hussigny-Godbrange, Meurthe-et-Moselle, France.
Filed October 15, 1937. Serial No. 398,522. PUBLISHED DECEMBER 21, 1937. Class 6.

359,687. POTATOES. THE BENJAMIN GOLDSTEIN CO., New York, N. Y.
Filed October 16, 1937. Serial No. 398,572. PUBLISHED JUNE 21, 1938. Class 46.

359,688. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS—VIZ., CLEMATIS (CLEMATIS), WHITEHORN (CRATAEGUS), COWSLIP (PRIMULA), ETC. DR. MADAUS & COMPANY, Radebeul, Germany.
Filed October 16, 1937. Serial No. 398,580. PUBLISHED MAY 31, 1938. Class 6.

359,689. TEA FOR DIABETES, ALBUMIN KIDNEYS, AND BLADDER DISORDERS. SCHEIDEMANN REMEDY COMPANY, Milwaukee, Wis.
Filed October 25, 1937. Serial No. 398,939. PUBLISHED JUNE 7, 1938. Class 6.

359,690. FRESH CITRUS FRUITS. WEST ONTARIO CITRUS ASSOCIATION, Ontario, Calif.
Filed October 25, 1937. Serial No. 398,950. PUBLISHED JUNE 21, 1938. Class 46.

359,691. PISTON EXPANDER AND A PISTON DRILL GUIDE BLOCK. ULRICH MANUFACTURING COMPANY, Shelbyville, Ill.
Filed October 30, 1937. Serial No. 399,159. PUBLISHED DECEMBER 28, 1937. Class 23.

359,692. CANDY. JESSE MINOR, doing business as Hi-Top Candy Co., San Diego, Calif.
Filed October 29, 1937. Serial No. 399,103. PUBLISHED JUNE 21, 1938. Class 46.

359,693. MEAT PRODUCTS—NAMELY, HAMS, BACON, COOKED HAM, BONED HAM, PORK LOIN, SHOULDER, BONELESS BUTTS, ETC. JOHN MORRELL & CO., Ottumwa, Iowa.
Filed November 4, 1937. Serial No. 399,312. PUBLISHED JUNE 21, 1938. Class 46.

359,694. FRESH PEARS. MYRON ROOT & CO., INC., Medford, Oreg.
Filed November 4, 1937. Serial No. 399,313. PUBLISHED JANUARY 11, 1938. Class 46.

359,695. FEVER THERAPY APPARATUS. CONDUCTO-THERM CORPORATION, Las Vegas, Nev., and Los Angeles, Calif.
Filed November 5, 1937. Serial No. 399,341. PUBLISHED JUNE 21, 1938. Class 44.

359,696. PREPARATION FOR KILLING ANIMALS AND PLANTS, DISINFECTANTS. HANS HAAG, doing business as Chemische Fabrik "Illo" Hans Haag, Berlin, Germany.
Filed November 9, 1937. Serial No. 399,524. PUBLISHED MAY 24, 1938. Class 6.

359,697. BALM FOR THE TREATMENT OF ATHLETE'S FOOT AND OTHER MINOR SKIN ERUPTIONS. JOSEPH FREDERICK NICOLAR, Hollywood, Calif.
JOSEPH FREDERICK NICOLAR, Hollywood, Calif.
Filed November 8, 1937. Serial No. 399,526. PUBLISHED JUNE 21, 1938. Class 6.

359,698. POWDER FOR WASHING FILTER MASS AND LIKE MATERIALS. CHILL FOAM CORPORATION OF AMERICA, Detroit, Mich.
Filed November 11, 1937. Serial No. 399,594. PUBLISHED JUNE 21, 1938. Class 4.

359,699. VITAMIN COMPOUND OF VITAMINS A, B, D, AND G FOR GENERAL TONIC USE. FOLEY AND COMPANY, Chicago, Ill.
Filed November 13, 1937. Serial No. 399,703. PUBLISHED JUNE 7, 1938. Class 6.

359,700. DENATURED ALCOHOL FOR INDUSTRIAL PURPOSES. WEST VIRGINIA PULP AND PAPER COMPANY, New York, N. Y.
Filed December 9, 1937. Serial No. 400,665. PUBLISHED JUNE 21, 1938. Class 6.

359,701. INSECT REPELLENT MATERIALS, WATERPROOFING MATERIAL FOR DRY FLIES AND COLOR PRESERVATIVE FOR FISHING ROD WINDINGS. HAROLD A. E. WENGER, doing business as Regnew Laboratories, Madison, Wis.
Filed December 10, 1937. Serial No. 400,714. PUBLISHED MAY 31, 1938. Class 6.

359,702. PRINTED COTTON BLANKETS, COTTON MOQUETTE IN THE PIECE, CARPETS, WOOLEN BLANKETS, CURTAINS, BEDSPREADS, COUCH COVERS, ETC. NAAMLOOZE VENNOOTSCHAP HELMONDSCHE TEXTIEL MAATSCHAPPIJ, Helmond, Netherlands.
Filed December 15, 1937. Serial No. 400,874. PUBLISHED JUNE 21, 1938. Class 42.

359,703. SCALP LOTION. SIDNEY DAVID BOLOGH, doing business as Vibo Products Co., Brooklyn, N. Y.
Filed December 24, 1937. Serial No. 401,322. PUBLISHED MAY 31, 1938. Class 6.

359,704. OINTMENT HAVING SOOTHING AND ANALGESIC QUALITIES. F. AD. RICHTER & CO. INC., Brooklyn, N. Y.
Filed January 3, 1938. Serial No. 401,510. PUBLISHED JUNE 21, 1938. Class 6.

359,705. SKIN CONDITIONING PREPARATION. GARNET W. COEN, doing business as Desert Wonder Products Company, Los Angeles, Calif.
Filed January 3, 1938. Serial No. 401,543. PUBLISHED JUNE 7, 1938. Class 6.

359,706. ACETALDEHYDE, ACETANILID, ACETIC ANHYDRIDE, ACETOACETIC ESTER, ACETONE, ACETPHENETIDIN, ACID ACETIC, ACID ACETIC GLACIAL, ETC. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed January 5, 1938. Serial No. 401,576. PUBLISHED MAY 31, 1938. Class 6.

359,707. RICE. C. E. GROSJEAN RICE MILLING CO., San Francisco, Calif.
Filed January 5, 1938. Serial No. 401,642. PUBLISHED JUNE 21, 1938. Class 46.

359,708. NITRIC ACID FOR USE IN THE INDUSTRIAL ARTS. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed January 7, 1938. Serial No. 401,664. PUBLISHED JUNE 7, 1938. Class 6.

359,709. CHEMICALS AND OTHER SUPPLIES USED BY MORTICIANS: INCLUDING THE FOLLOWING NAMED PRODUCTS—CAVITY FLUID, PORE CLOSER AND CLEANER, PERFUME, ETC. HILTON IRA JONES, doing business as Hizone Products, Wilmette, Ill.
Filed January 8, 1938. Serial No. 401,696. PUBLISHED MAY 31, 1938. Class 6.

359,710. CANNED FRUITS. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif.
Filed January 11, 1938. Serial No. 401,843. PUBLISHED JUNE 21, 1938. Class 46.

359,711. SALICYLIC COMPOUNDS INDICATED IN ARTHRITIS, RHEUMATIC FEVER, RHEUMATIC CONDITIONS, AND OTHER INSTANCES WHEREIN A SALICYLATE IS INDICATED ACCORDING TO THE WELL KNOWN PHARMACOLOGY AND THERAPEUTICS OF SALICYLATES. WILLEY M. MOODY, doing business as Morehead-Fleming Drug Co., San Jose, Calif.
Filed January 14, 1938. Serial No. 401,906. PUBLISHED JUNE 21, 1938. Class 6.

359,712. VITAMIN RICH BODIES FOR FORTIFYING FOOD PRODUCTS. NATIONAL OIL PRODUCTS CO., Harrison, N. J.
Filed January 15, 1938. Serial No. 401,941. PUBLISHED JUNE 21, 1938. Class 6.

359,713. INSECTICIDE. TERMAX CO. INC., Minneapolis, Minn.
Filed January 14, 1938. Serial No. 401,961. PUBLISHED JUNE 7, 1938. Class 6.

359,714. LIQUEFYING CLEANSING CREAM, ANTISEPTIC MOUTH WASH, COLD CREAM, ALL PURPOSE CREAM, ALMOND LOTION, AND ASTRINGENT MOUTH WASH. MCGREEVEY, WERRING & HOWELL, INC., New York, N. Y.
Filed January 20, 1938. Serial No. 402,133. PUBLISHED JUNE 14, 1938. Class 6.

359,715. UNITARY ELECTRIC LIGHTING FIXTURES. GOODRICH ELECTRIC COMPANY, Chicago, Ill.
Filed January 21, 1938. Serial No. 402,156. PUBLISHED JUNE 21, 1938. Class 21.

359,716. FIGURE TOYS. GEORGE HENRY HUTAFF, JR., Wilmington, N. C.
Filed January 22, 1938. Serial No. 402,221. PUBLISHED JUNE 21, 1938. Class 22.

359,717. PERFUMES, TOILET WATERS, FACE POWDERS, FACE POWDER AND ROUGE COMPACTS, SACHET POWDERS, TALCUM POWDERS, ETC. ETABLISSEMENTS RIGAUD INC., New York, N. Y.
Filed January 24, 1938. Serial No. 402,255. PUBLISHED JUNE 14, 1938. Class 6.

359,718. PERFUMES, TOILET WATERS, FACE POWDERS, FACE POWDER AND ROUGE COMPACTS, SACHET POWDERS, TALCUM POWDERS, ETC. ETABLISSEMENTS RIGAUD INC., New York, N. Y.
Filed January 24, 1938. Serial No. 402,256. PUBLISHED JUNE 14, 1938. Class 6.

359,719. PERFUMES, PERFUME EXTRACTS, BULK PERFUME, BATH SALTS, TALCUM POWDER, FACE POWDER, BODY POWDER, ETC. JAYTHORPE, INC., New York, N. Y.
Filed January 25, 1938. Serial No. 402,300. PUBLISHED JUNE 7, 1938. Class 6.

359,720. TOILET CREAMS, PERFUMES, AND FACE POWDERS. R. H. MACY & CO., INC., New York, N. Y.
Filed January 27, 1938. Serial No. 402,379. PUBLISHED JUNE 21, 1938. Class 6.

359,721. PREPARATION FOR CLEANING TOILET BOWLS, URINALS, HOSPITAL URINALS, AND PIPING. CHEMICAL PROCESS COMPANY, Dallas, Tex.
Filed January 27, 1938. Serial No. 402,404. PUBLISHED JUNE 21, 1938. Class 4.

359,722. PERFUMES, PERFUME EXTRACTS, BULK PERFUMES, BATH SALTS, TALCUM POWDER, FACE POWDER, BODY POWDER, ETC. JAYTHORPE, INC., New York, N. Y.
Filed January 31, 1938. Serial No. 402,528. PUBLISHED JUNE 7, 1938. Class 6.

359,723. MEDICATED SHAMPOO AND SCALP CREAM. MIRUS LABORATORIES INC., New York, N. Y.
Filed February 2, 1938. Serial No. 402,603. PUBLISHED JUNE 21, 1938. Class 6.

359,724. HAND LOTION AND COLD CREAM. E. E. MASSEY, doing business as Est-A-Mae Company, Kansas City, Kans.
Filed February 3, 1938. Serial No. 402,640. PUBLISHED JUNE 7, 1938. Class 6.

359,725. EMULSOID OF ALUMINUM HYDROXIDE FOR USE AS AN ANTACID AND ADSORBENT. JOHN WYETH AND BROTHER, INCORPORATED, Philadelphia, Pa.
Filed February 3, 1938. Serial No. 402,660. PUBLISHED MAY 31, 1938. Class 6.

359,726. PARADICHLOROBENZENE. MASTER BRANDS, INC., doing business as The Zoro Company, Chicago, Ill.
Filed February 5, 1938. Serial No. 402,734. PUBLISHED MAY 31, 1938. Class 6.

359,727. MEDICINE FOR INDIGESTION. ESSEX REMEDY CO., INC., Newark and Roselle, N. J.
Filed February 9, 1938. Serial No. 402,854. PUBLISHED MAY 31, 1938. Class 6.

359,728. READY DISHES—NAMELY, COMBINED VEGETABLES AND MEAT, AND COMBINED VEGETABLES, POTATOES, AND MEAT; AND JAMS, MARMALADES, SOUPS, PICKLES, HAMS, SHOULDERS, PICNIC HAM, COOKED HAM, AND CANNED VEGETABLES. COMMANDITAIRE VENNOOTSCHAP OP AANDEELEN TIELEMAN & DROS., Leiden, Netherlands.
Filed February 9, 1938. Serial No. 402,876. PUBLISHED JUNE 21, 1938. Class 46.

359,729. ROUGE AND LIPSTICK. LUCIEN LELONG, INC., Chicago, Ill.
Filed February 10, 1938. Serial No. 402,911. PUBLISHED MAY 31, 1938. Class 6.

359,730. COSMETIC CREAM FOR THE HAIR AND SCALP. GERVI LABORATORIES, INC., Fort Lee, N. J.
Filed February 16, 1938. Serial No. 403,082. PUBLISHED MAY 31, 1938. Class 6.

359,731. DENTAL CASTING ALLOYS. JACOB FEINTUCH, Brooklyn, N. Y.
Filed February 17, 1938. Serial No. 403,121. PUBLISHED JUNE 21, 1938. Class 44.

359,732. LINIMENT FOR USE IN RELIEVING RHEUMATISM, NEURALGIA, LUMBAGO, MUSCULAR PAINS, SORE AND STRAINED MUSCLES, SORE JOINTS, INSECT BITES, AND LIKE AILMENTS, ETC. MORRIS, GRAHAM & CO., Battle Creek, Mich.
Filed February 17, 1938. Serial No. 403,140. PUBLISHED JUNE 7, 1938. Class 6.

359,733. GIN. HIRAM WALKER & SONS, INC., Peoria, Ill.
Filed February 17, 1938. Serial No. 403,153. PUBLISHED JUNE 21, 1938. Class 49.

359,734. PREPARATION FOR THE RELIEF OF MUSCULAR ACHES AND PAINS, SORE, TIRED, AND ACHING FEET, STIFF NECK, ETC. SAMUEL M. NOSLER, Coquille, Oreg.
Filed February 18, 1938. Serial No. 403,182. PUBLISHED JUNE 7, 1938. Class 6.

359,735. GLASS TABLE WARE AND GLASS BAR WARE. UNITED STATES GLASS CO., Pittsburgh, Pa.
Filed February 18, 1938. Serial No. 403,186. PUBLISHED JUNE 21, 1938. Class 33.

359,736. ANTISEPTIC WATER-SOLUBLE JELLY FOR INTRAUTERINE TREATMENT AND FOR USE IN SPECIFIC AND NON-SPECIFIC INFECTIONS OF THE CERVIX AND CERVICAL CANAL. PYNOSOL LABORATORIES, INC., Chicago, Ill.
Filed February 19, 1938. Serial No. 403,224. PUBLISHED JUNE 14, 1938. Class 6.

359,737. PREPARATIONS FOR STIMULATING AND CONDITIONING THE KIDNEYS, INCLUDING VITAMINS. FOLEY AND COMPANY, Chicago, Ill.
Filed February 21, 1938. Serial No. 403,251. PUBLISHED MAY 31, 1938. Class 6.

359,738. INSECTICIDES. STANCO INCORPORATED, Wilmington, Del., and New York, N. Y.
Filed February 21, 1938. Serial No. 403,283. PUBLISHED MAY 31, 1938. Class 6.

359,739. MEDICINAL PRODUCTS CONTAINING COCILLANA FOR COUGHS DUE TO COLDS. VADSCO SALES CORPORATION, Long Island City, N. Y.
Filed February 21, 1938. Serial No. 403,288. PUBLISHED JUNE 21, 1938. Class 6.

359,740. LIGHT BOILING ODORIZING MATERIALS OBTAINED FROM PAPER PULP DIGESTERS CAPABLE OF IMPARTING AN ODOR TO NATURAL GAS OR OTHER GASES. THE CHAMPION PAPER AND FIBRE COMPANY, Canton, N. C.
Filed February 23, 1938. Serial No. 403,306. PUBLISHED MAY 31, 1938. Class 6.

359,741. NONALCOHOLIC BEVERAGE, PREPARED FROM DRY INGREDIENTS DISSOLVED BY THE ADDITION OF WATER. JOSEPH G. POLAKOFF, doing business as Polly Brand Products Company, Newark, N. J.
Filed February 21, 1938. Serial No. 403,348. PUBLISHED JUNE 21, 1938. Class 45.

359,742. WATER-REPELLENT PROCESSING FLUIDS AND COATING COMPOSITIONS FOR FABRICS, YARNS, PAPER. ATLAS POWDER COMPANY, Wilmington, Del.
Filed February 24, 1938. Serial No. 403,355. PUBLISHED JUNE 21, 1938. Class 6.

359,743. SKIN OINTMENT FOR THE TREATMENT OF PSORIASIS, ECZEMA, ULCERS, BOILS, CUTS, BRUISES, AND INSECT BITES. EARL A. FIDDLER, Indianapolis, Ind.
Filed February 28, 1938. Serial No. 403,503. PUBLISHED JUNE 14, 1938. Class 6.

359,744. BODY DEODORANT. FULLER PRODUCTS CO., Chicago, Ill.
Filed February 28, 1938. Serial No. 403,504. PUBLISHED JUNE 7, 1938. Class 6.

359,745. ELECTRIC VACUUM CLEANER NOZZLES. ELECTROLUX, INC., New York, N. Y., assignor to Electrolux Corporation, a corporation of Delaware.
Filed March 1, 1938. Serial No. 403,544. PUBLISHED JUNE 21, 1938. Class 21.

359,746. BED SPREADS, BATH MATS, BLANKETS, LINEN SETS, NAPKINS, PILLOW CASES, SHEETS, TICKINGS, TOWELS, TABLE COVERS, AND PIECE GOODS—NAMELY, CRETONNE, DAMASK, FLANNEL, AND MUSLIN. I. GREENMAN, SONS & CO., INC., New York, N. Y.
Filed March 1, 1938. Serial No. 403,547. PUBLISHED JUNE 21, 1938. Class 42.

359,747. WINES. WADHAMS & COMPANY, Portland, Oreg.
Filed March 1, 1938. Serial No. 403,572. PUBLISHED JUNE 21, 1938. Class 47.

359,748. CHEMICAL NICOTINE STAIN REMOVER. KO-NAY PRODUCTS, Los Angeles, Calif.
Filed March 4, 1938. Serial No. 403,698. PUBLISHED JUNE 7, 1938. Class 6.

359,749. WHISKEY. MARYLAND WINE & LIQUOR COMPANY, INC., Chicago, Ill.
Filed March 4, 1938. Serial No. 403,703. PUBLISHED JUNE 21, 1938. Class 49.

359,750. SKIN CREAMS AND LOTIONS. HORVITA, INC., New York, N. Y.
Filed March 5, 1938. Serial No. 403,724. PUBLISHED JUNE 21, 1938. Class 6.

359,751. PHOTOGRAPHIC PRODUCTS—NAMELY, PHOTOGRAPHIC CHEMICALS. FINK-ROSELIEVE CO. INC., New York, N. Y.
Filed March 7, 1938. Serial No. 403,762. PUBLISHED MAY 31, 1938. Class 6.

359,752. BACTERIAL VACCINE FOR THE PROPHYLAXIS AND TREATMENT OF ACUTE AND CHRONIC RHINITIS, ETHMOIDITIS, SINUSITIS, BRONCHITIS, TONSILITIS AND ASSOCIATED CONDITIONS, AND IN CERTAIN CASES OF BACTERIAL ASTHMA. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis.
Filed March 8, 1938. Serial No. 403,841. PUBLISHED JUNE 14, 1938. Class 6.

359,753. BACTERIAL VACCINE FOR THE PROPHYLAXIS AND TREATMENT OF ACUTE AND CHRONIC RHINITIS, SINUSITIS, MASTOIDITIS, AND INFLUENZA, AND CERTAIN BACTERIAL ASTHMATIC CONDITIONS. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis.
Filed March 8, 1938. Serial No. 403,844. PUBLISHED JUNE 14, 1938. Class 6.

359,754. BACTERIAL VACCINE FOR THE PROPHYLAXIS AND TREATMENT OF WHOOPING COUGH, AND FOR USE IN TREATING CERTAIN BACTERIAL ASTHMATIC CONDITIONS. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis.
Filed March 8, 1938. Serial No. 403,845. PUBLISHED JUNE 14, 1938. Class 6.

359,755. BACTERIAL VACCINE FOR USE IN THE TREATMENT OF SKIN AND SUPERFICIAL WOUND INFECTIONS, FURUNCULOSIS, DERMATITIS, BOILS, AND ABSCESSES. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis.
Filed March 8, 1938. Serial No. 403,846. PUBLISHED JUNE 14, 1938. Class 6.

359,756. BACTERIAL VACCINE FOR USE IN THE TREATMENT OF ALL TYPES OF SURFACE WOUNDS AND CONDITIONS BELIEVED TO BE CAUSED BY ORGANISMS OF THE STREPTOCOCCUS GROUP. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis.
Filed March 8, 1938. Serial No. 403,847. PUBLISHED JUNE 14, 1938. Class 6.

359,757. LATCHES FOR COMPLETING THE CLOSING OF DOORS AND CASEMENT WINDOWS. THE CASEMENT HARDWARE CO., Chicago, Ill.
Filed March 10, 1938. Serial No. 403,907. PUBLISHED JUNE 21, 1938. Class 25.

359,758. ELECTRIC STORAGE BATTERIES. ALBERT SETZER, doing business as Mule Battery Mfg. Co., Providence, R. I.
Filed March 11, 1938. Serial No. 403,968. PUBLISHED JUNE 21, 1938. Class 21.

359,759. REMOVABLE ICE TRAYS. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed March 12, 1938. Serial No. 404,000. PUBLISHED JUNE 14, 1938. Class 31.

359,760. GINGER ALE AND SOFT DRINKS. M. M. FARRELL & SONS, doing business as Dominion Dry Co., Burlington, Vt.
Filed March 14, 1938. Serial No. 404,037. PUBLISHED JUNE 21, 1938. Class 45.

359,761. OZONIDE OF OLIVE OIL USED AS A GERMICIDE AND ANALGESIC. HOLBROOK PHARMACAL COMPANY, INC., New York, N. Y.
Filed March 14, 1938. Serial No. 404,046. PUBLISHED JUNE 14, 1938. Class 6.

359,762. METALLIC RADIATOR CEMENT. ATLAS CHEMICAL COMPANY, Marietta, Ohio.
Filed March 16, 1938. Serial No. 404,105. PUBLISHED JUNE 21, 1938. Class 6.

359,763. CHEMICAL DYE AIDS—NAMELY, MOISTENING PREPARATIONS, THREAD AND FIBRE PROTECTING, PENETRATING, BLEACHING, TANNING, SMOOTHING PREPARATIONS FOR TEXTILE FABRICS IN THE COURSE OF MANUFACTURE. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Chemnitz, Germany.
Filed March 16, 1938. Serial No. 404,113. PUBLISHED JUNE 14, 1938. Class 6.

359,764. PREPARATIONS FOR SHAMPOO PURPOSES. JOHN H. BRECK, INC., Springfield, Mass.
Filed March 16, 1938. Serial No. 404,117. PUBLISHED JUNE 21, 1938. Class 6.

359,765. CRIB COMFORTERS, BABY PILLOWS AND PILLOWS, CRIB BLANKETS, CRIB SPREADS, DOLL QUILTS, DOLL SPREADS, COMFORTERS, BLANKETS, AND SPREADS, MADE OF RAYON, CELANESE, SILK, AND PAN SATIN. NEWARK COMFORT CO., INC., Newark, N. J.
Filed March 17, 1938. Serial No. 404,181. PUBLISHED JUNE 21, 1938. Class 42.

359,766. ABRASIVE TOOLS, ABRASIVE WHEELS, AND ABRASIVE DISKS. GARDNER MACHINE COMPANY, South Beloit, Ill.
Filed March 18, 1938. Serial No. 404,208. PUBLISHED JUNE 21, 1938. Class 4.

359,767. ABRASIVE TOOLS, ABRASIVE WHEELS, AND ABRASIVE DISKS. GARDNER MACHINE COMPANY, South Beloit, Ill.
Filed March 18, 1938. Serial No. 404,210. PUBLISHED JUNE 21, 1938. Class 4.

359,768. ABRASIVE TOOLS, ABRASIVE WHEELS, AND ABRASIVE DISKS. GARDNER MACHINE COMPANY, South Beloit, Ill.
Filed March 18, 1938. Serial No. 404,212. PUBLISHED JUNE 21, 1938. Class 4.

359,769. ABRASIVE TOOLS, ABRASIVE WHEELS, AND ABRASIVE DISKS. GARDNER MACHINE COMPANY, South Beloit, Ill.
Filed March 18, 1938. Serial No. 404,213. PUBLISHED JUNE 21, 1938. Class 4.

359,770. MINERAL OIL, RUBBING ALCOHOL COMPOUND, MILK OF MAGNESIA (TABLETS AND LIQUID), COD LIVER OIL, WITCH HAZEL, ETC. DR. SACHS LABORATORIES, INC., Chicago, Ill.
Filed March 19, 1938. Serial No. 404,248. PUBLISHED MAY 31, 1938. Class 6.

359,771. POWDERED EGG YOLKS, POWDERED EGG ALBUMEN. JAMES E. TASLEY, doing business as U. S. Dried Egg Co., New York, N. Y.
Filed March 21, 1938. Serial No. 404,331. PUBLISHED JUNE 21, 1938. Class 46.

359,772. VAGINAL SUPPOSITORIES. THE BRITISH DRUG HOUSES, LIMITED, London, England.
Filed March 22, 1938. Serial No. 404,349. PUBLISHED MAY 31, 1938. Class 6.

359,773. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, LOTIONS FOR THE SKIN AND HAIR, AND SHAMPOOS. FABERGÉ, INC., New York, N. Y.
Filed March 22, 1938. Serial No. 404,357. PUBLISHED JUNE 14, 1938. Class 6.

359,774. DRAG SCRAPERS AND LAWN ROLLERS. JACKSON MANUFACTURING CO., Harrisburg, Pa.
Filed March 22, 1938. Serial No. 404,364. PUBLISHED JUNE 21, 1938. Class 23.

359,775. LAXATIVE TABLETS. VICK CHEMICAL COMPANY, New York, N. Y.
Filed March 22, 1938. Serial No. 404,388. PUBLISHED JUNE 14, 1938. Class 6.

359,776. DENTIFRICES. MARION V. REID, doing business as The No-D-Ka Company, West Springfield, Mass.
Filed March 23, 1938. Serial No. 404,418. PUBLISHED JUNE 21, 1938. Class 6.

359,777. ZINC DIBUTYLDITHIOCARBAMATE, WITH A NON-VOLATILE ORGANIC AMINE, AND A NEUTRAL OR ALKALINE MINERAL, USED AS AN ACCELERATOR OF VULCANIZATION IN THE MANUFACTURE OF RUBBER PRODUCTS. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed March 23, 1938. Serial No. 404,425. PUBLISHED MAY 31, 1938. Class 6.

359,778. ROACH AND LICE DESTROYING POWDER. VERNON J. BILLIMACK, St. Louis, Mo.
Filed March 25, 1938. Serial No. 404,464. PUBLISHED MAY 31, 1938. Class 6.

359,779. SALVES AND LOTIONS FOR TREATMENT OF HEMORRHOIDS AND VARIOUS TYPES OF SKIN ERUPTIONS. MULLIU PRODUCTS CO., San Gabriel, Calif.
Filed March 26, 1938. Serial No. 404,536. PUBLISHED JUNE 21, 1938. Class 6.

359,780. TOYS INCLUDING OBJECTS MADE SUBSTANTIALLY OF NON-SHATTERABLE FIBROUS MATERIAL IN THE SHAPE OF DOGS, BEARS, RABBITS, ETC. PULP PRODUCTS COMPANY, INC., New York, N. Y.
Filed March 26, 1938. Serial No. 404,544. PUBLISHED JUNE 21, 1938. Class 22.

359,781. PREPARATION FOR RELIEF OF ATHLETE'S FOOT. THE SALZOL COMPANY, Fort Worth, Tex.
Filed March 28, 1938. Serial No. 404,585. PUBLISHED JUNE 14, 1938. Class 6.

359,782. CANDY. AUGUST P. BULL, doing business as August P. Bull Candy Company, San Antonio, Tex.
Filed March 29, 1938. Serial No. 404,599. PUBLISHED JUNE 21, 1938. Class 46.

359,783. SELF OR MANUALLY PROPELLED SHOP TRUCKS AND CARTS. THE BUDA COMPANY, Harvey, Ill.
Filed March 29, 1938. Serial No. 404,623. PUBLISHED JUNE 21, 1938. Class 19.

359,784. FISH BAIT. E. W. ORCUTT, doing business as Li-Cut Live Bait Co., Monterey Park, Calif.
Filed March 29, 1938. Serial No. 404,624. PUBLISHED JUNE 21, 1938. Class 22.

359,785. LACQUER CUTTER, AN ABRASIVE AND/OR POLISHING AGENT TO REMOVE ROUGHNESS, ETC., FROM LACQUERED SURFACES. LEON FINCH LTD., Los Angeles, Calif.
Filed March 30, 1938. Serial No. 404,638. PUBLISHED JUNE 21, 1938. Class 4.

359,786. CHEMICAL FLUXES USED IN THE SMELTING OF FERROUS AND NON-FERROUS METALS. AMERICAN-BRITISH CHEMICAL SUPPLIES, INC., New York, N. Y.
Filed March 31, 1938. Serial No. 404,678. PUBLISHED JUNE 7, 1938. Class 6.

359,787. INSECTICIDES. MICHAEL P. BARR, New York, N. Y.
Filed March 31, 1938. Serial No. 404,681. PUBLISHED JUNE 14, 1938. Class 6.

359,788. WINES. ITALIAN SWISS COLONY, San Francisco, Calif.
Filed April 1, 1938. Serial No. 404,763. PUBLISHED JUNE 21, 1938. Class 47.

359,789. SILK, SATIN, AND SILK AND COTTON MIXTURES IN THE PIECE. THE CEDAR CLIFF SILK CO., INC., New York, N. Y.
Filed April 2, 1938. Serial No. 404,795. PUBLISHED JUNE 21, 1938. Class 42.

359,790. TEXTILE FABRICS IN THE PIECE, INCLUDING BROADCLOTH, SATEEN, MARQUISETTE, SWISS, LAWN, PONGEE, RAYON TAFFETA, RAYON CREPE, SPUN RAYON, VOILES. MOUNT HOPE FINISHING COMPANY, Dighton, Mass.
Filed April 2, 1938. Serial No. 404,817. PUBLISHED JUNE 21, 1938. Class 42.

359,791. PREPARATION FOR REMOVING STAINS FROM TEETH. GILBERT DILLIE LAYMON, doing business as Film Flote Co., Miami, Fla.
Filed April 4, 1938. Serial No. 404,855. PUBLISHED JUNE 14, 1938. Class 6.

359,792. BLEACH AND STERILIZER. MIAMI CHEMICAL MANUFACTURING COMPANY, INC., Miami, Fla.
Filed April 4, 1938. Serial No. 404,861. PUBLISHED MAY 31, 1938. Class 6.

359,793. PREPARATION HAVING AN ACTION ON THE CIRCULATION OF THE BLOOD. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland.
Filed April 5, 1938. Serial No. 404,916. PUBLISHED JUNE 14, 1938. Class 6.

359,794. PREPARATION FOR THE TREATMENT OF MENOPAUSAL DISTURBANCES. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland.
Filed April 5, 1938. Serial No. 404,917. PUBLISHED JUNE 14, 1938. Class 6.

359,795. BISCUITS. SOUTHERN BISCUIT COMPANY, INCORPORATED, Richmond, Va.
Filed April 5, 1938. Serial No. 404,919. PUBLISHED JUNE 21, 1938. Class 46.

359,796. MEDICINAL PREPARATIONS FOR THE TREATMENT OF ACIDOSIS, ANEMIA AND OTHER AFFECTIONS OF THE BLOOD, BRUISES, CONSTIPATION, COUGHS, DIARRHOEA, ETC. DR. D. JAYNE & SON, INC., Philadelphia, Pa.
Filed April 6, 1938. Serial No. 404,942. PUBLISHED MAY 31, 1938. Class 6.

359,797. BARIUM COMPOUND DISPERSION FOR THE DISTRICT VISUALIZATION OF THE RUGAE AND GASTRO-ENTERIC MUCOSAL TOPOGRAPHY FOR USE IN TAKING X-RAYS. LOESER LABORATORY, INCORPORATED, New York, N. Y.
Filed April 6, 1938. Serial No. 404,943. PUBLISHED JUNE 14, 1938. Class 6.

359,798. NOSE DROPS AND NOSE SPRAY. LOESER LABORATORY, INCORPORATED, New York, N. Y.
Filed April 6, 1938. Serial No. 404,944. PUBLISHED JUNE 7, 1938. Class 6.

359,799. CHEMICAL COMPOUND FOR BLEACHING, DISINFECTING, AND DEODORIZING HAVING INCIDENTAL CLEANING PROPERTIES. THERESA MCCARTHY, doing business as Do-All Co., Elmira, N. Y.
Filed April 7, 1938. Serial No. 404,998. PUBLISHED JUNE 21, 1938. Class 6.

359,800. MEDICINAL PREPARATION IN TABLET FORM TO BE USED IN THE TREATMENT OF GASTRIC DISTURBANCES. BROOKLYN SCIENTIFIC PRODUCTS CO., INC., New York, N. Y.
Filed Apr. 8, 1938. Serial No. 405,008; PUBLISHED JUNE 21, 1938. Class 6.

359,801. REFRIGERATORS. CENTURY FURNITURE ASSOCIATES, INC., New York, N. Y.
Filed April 8, 1938. Serial No. 405,012. PUBLISHED JUNE 21, 1938. Class 31.

359,802. FOOT LOTION. CHARLES S. MORRIS, New York, N. Y.
Filed April 8, 1938. Serial No. 405,031. PUBLISHED JUNE 14, 1938. Class 6.

359,803. PREPARATION FOR AMELIORATING THE EFFECTS OF CECAL (E. TENELLA) COCCIDIOSIS IN POULTRY. PRATT FOOD COMPANY, Philadelphia, Pa.
Filed April 8, 1938. Serial No. 405,035. PUBLISHED JUNE 14, 1938. Class 6.

359,804. MEDICATED SOLUTION FOR USE IN VAGINAL CAPSULES AND FOR VAGINAL SUPPOSITORIES. BIO-CHEMICAL PRODUCTS, INC., Los Angeles, Calif.
Filed April 9, 1938. Serial No. 405,055. PUBLISHED MAY 31, 1938. Class 6.

359,805. ALTERATIVE AND RECONSTRUCTIVE TONIC FOR STRENGTHENING THE CIRCULATORY, DIGESTIVE AND ELIMINATIVE PROCESSES. FRANCES L. GORMAN, doing business as Indian Herb Company, Kansas City, Mo.
Filed April 9, 1938. Serial No. 405,069. PUBLISHED JUNE 7, 1938. Class 6.

359,806. LIQUID WOOD PRESERVING SUBSTANCE. HUTTIG SASH & DOOR COMPANY, St. Louis, Mo.
Filed April 9, 1938. Serial No. 405,071. PUBLISHED JUNE 14, 1938. Class 6.

359,807. PLAYING CARDS. THE UNITED STATES PLAYING CARD COMPANY, East Norwood, Cincinnati, Ohio.
Filed April 9, 1938. Serial No. 405,089. PUBLISHED JUNE 21, 1938. Class 22.

359,808. PERFUME, LIPSTICK, SACHET, EAU DE TOILETTE, DUSTING POWDER. ABRAHAM & STRAUS, INC., Brooklyn, N. Y.
Filed April 11, 1938. Serial No. 405,096. PUBLISHED JUNE 7, 1938. Class 6.

359,809. BEDSPREADS. BATES FABRICS, INC., New York, N. Y.
Filed April 11, 1938. Serial No. 405,099. PUBLISHED JUNE 21, 1938. Class 42.

359,810. CLEANSING CREAM, WRINKLE ERADICATOR, TURTLE OIL TISSUE CREAM, CUCUMBER LOTION, STRAWBERRY LOTION, LIQUID POWDER BASE, PORE LOTION, AND FACE POWDER. BETTE BEAUX CO., Memphis, Tenn.
Filed April 11, 1938. Serial No. 405,100. PUBLISHED JUNE 7, 1938. Class 6.

359,811. COLLOID FOR TREATMENT OF HYPERACID GASTRIC CONDITIONS AND ULCERS. HOLM COLLOID COMPANY, Milwaukee, Wis.
Filed April 11, 1938. Serial No. 405,117. PUBLISHED MAY 31, 1938. Class 6.

359,812. MEDICINAL PREPARATION COMPOSED OF NICOTINIC ACID AND VITAMINS USEFUL, AMONG OTHER THINGS, IN THE TREATMENT OF PELLAGRA, MANY FORMS OF ANEMIA, AND ANY TYPE OF VITAMIN B DEFICIENCY. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed April 11, 1938. Serial No. 405,122. PUBLISHED JUNE 7, 1938. Class 6.

359,813. EYE WASH. FRANCES E. CASHMORE, doing business as Dorox Laboratories, New York, N. Y.
Filed April 12, 1938. Serial No. 405,140. PUBLISHED JUNE 7, 1938. Class 6.

359,814. RUM. RAMÓN C. JULIÁ, doing business as Cía Licorera Juliá, Santurce, San Juan, Puerto Rico.
Filed April 12, 1938. Serial No. 405,163. PUBLISHED JUNE 21, 1938. Class 49.

359,815. AQUEOUS ISOTOMIC SOLUTION, A STABLE ORGANIC MERCURY COMPOUND AND POTENT BACTERICIDE, ETC. LOESER LABORATORY, INCORPORATED, New York, N. Y.
Filed April 12, 1938. Serial No. 405,168. PUBLISHED JUNE 14, 1938. Class 6.

359,816. PERFUMES. SOCIETE CENTRALE DE LA PARFUMERIE FRANCAISE, INC., Wilmington, Del.
Filed April 12, 1938. Serial No. 405,183. PUBLISHED JUNE 7, 1938. Class 6.

359,817. CARBURETTERS AND FUEL PUMPS FOR ENGINES. THE S. U. CARBURETTER COMPANY LIMITED, Birmingham, England.
Filed April 12, 1938. Serial No. 405,184. PUBLISHED JUNE 21, 1938. Class 23.

359,818. RYE AND BOURBON WHISKEY. BEN-BURK, INC., Boston, Mass.
Filed April 13, 1938. Serial No. 405,191. PUBLISHED JUNE 21, 1938. Class 49.

359,819. MEDICAL COMPOUND TO REMOVE ACIDS AND POISONOUS MATTER FROM THE HUMAN BODY. AMERICAN INTERNATIONAL DISTRIBUTING CORPORATION, Los Angeles, Calif.
Filed March 22, 1938. Serial No. 405,236. PUBLISHED JUNE 7, 1938. Class 6.

359,820. HAIR TINTING RINSES. ELLEN NOREEN BAUM, Denver, Colo.
Filed April 14, 1938. Serial No. 405,238. PUBLISHED JUNE 21, 1938. Class 6.

359,821. FOLDABLE ROLLING TABLES. HERMAN PREIM, New York, N. Y.
Filed April 14, 1938. Serial No. 405,267. PUBLISHED JUNE 21, 1938. Class 32.

359,822. CHEWING GUM. GUM INCORPORATED, Philadelphia, Pa.
Filed April 15, 1938. Serial No. 405,294. PUBLISHED JUNE 21, 1938. Class 46.

359,823. CHEWING GUM. GUM INCORPORATED, Philadelphia, Pa.
Filed April 15, 1938. Serial No. 405,295. PUBLISHED JUNE 21, 1938. Class 46.

359,824. CHEWING GUM. GUM INCORPORATED, Philadelphia, Pa.
Filed April 15, 1938. Serial No. 405,296. PUBLISHED JUNE 21, 1938. Class 46.

359,825. CHEWING GUM. GUM INCORPORATED, Philadelphia, Pa.
Filed April 15, 1938. Serial No. 405,297. PUBLISHED JUNE 21, 1938. Class 46.

359,826. CANNED CITRUS JUICES FOR FOOD PURPOSES. MUTUAL ORANGE DISTRIBUTORS, Redlands, Calif.
Filed April 15, 1938. Serial No. 405,312. PUBLISHED JUNE 21, 1938. Class 46.

359,827. OIL STOVES AND OIL BURNERS. FRANCISCO HILARIO RIBEIRO SILVA, Fall River, Mass.
Filed April 15, 1938. Serial No. 405,324. PUBLISHED JUNE 21, 1938. Class 34.

359,828. EYE LOTION AND TREATMENT FOR MILD AFFECTIONS OF THE EYES. SOCIETE DE RECHERCHES CHIMIQUES ET D'APPLICATIONS INDUSTRIELLES (SORCHAP) SOCIETE ANONYME, Paris, France.
Filed April 15, 1938. Serial No. 405,325. PUBLISHED JUNE 14, 1938. Class 6.

359,829. TOY PROJECTILE. STEWELL, INC., Chicago, Ill.
Filed April 15, 1938. Serial No. 405,327. PUBLISHED JUNE 21, 1938. Class 22.

359,830. GAME BOARDS. EARL F. SCRAPER, Wichita, Kans.
Filed April 18, 1938. Serial No. 405,337. PUBLISHED JUNE 21, 1938. Class 22.

359,831. KNITTED TEXTILE FABRICS IN THE PIECE OF COTTON, WOOL, SILK, AND ARTIFICIAL SILK. PRINCETON KNITTING MILLS, INCORPORATED, Watertown, Conn., and New York, N. Y.
Filed April 16, 1938. Serial No. 405,369. PUBLISHED JUNE 21, 1938. Class 42.

359,832. CHINA TABLEWARE. STETSON CHINA COMPANY, INC., Chicago, Ill.
Filed April 16, 1938. Serial No. 405,373. PUBLISHED JUNE 21, 1938. Class 30.

359,833. DENATURANTS, GAS ODORANTS, LIQUID PETROLATUM, PETROLEUM GAS, LIQUEFIED PETROLEUM GAS, SPRAY OIL USED FOR INSECTICIDAL AND FUNGICIDAL PURPOSES, DEODORANTS, GERMICIDES, INSECTICIDES, NAPHTHEMIC ACIDS. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed April 18, 1938. Serial No. 405,422. PUBLISHED JUNE 7, 1938. Class 6.

359,834. MUSLIN SHEETS AND PILLOW CASES, PERCALE SHEETS AND PILLOW CASES, STOCKINETTE CRIB SHEETS; BEDSPREADS OF SILK, LINEN, AND COTTON; ETC. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed April 19, 1938. Serial No. 405,430. PUBLISHED JUNE 21, 1938. Class 42.

359,835. ACID MINERAL TONIC. SINEALAL COMPANY, INC., Philadelphia, Pa.
Filed April 19, 1938. Serial No. 405,464. PUBLISHED JUNE 14, 1938. Class 6.

359,836. BRANDY. BARBARESSO BROTHERS, Piraeus, Greece.
Filed April 20, 1938. Serial No. 405,475. PUBLISHED JUNE 21, 1938. Class 49.

359,837. PERFUMES AND FACE POWDER. CALIFORNIA PERFUME COMPANY, INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,480. PUBLISHED JUNE 14, 1938. Class 6.

359,838. AUXILIARY PRODUCTS OR ASSISTANTS FOR MORDANTING, FIXING, DISPENSING, SOFTENING, AND SIMILAR PURPOSES IN THE DYEING AND PRINTING OF TEXTILE FIBRES AND FABRICS. DURAND & HUGUENIN A. G., Basel, Switzerland.
Filed April 20, 1938. Serial No. 405,489. PUBLISHED JUNE 14, 1938. Class 6.

359,839. PREPARATION USED IN LITHOGRAPHIC PROCESSES. GENERAL PRINTING INK CORPORATION, New York, N. Y.
Filed April 20, 1938. Serial No. 405,495. PUBLISHED JUNE 14, 1938. Class 6.

359,840. LEATHER BELTING. PENNWELL OIL & BELTING CO., INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,518. PUBLISHED JUNE 21, 1938. Class 35.

359,841. LEATHER BELTING. PENNWELL OIL & BELTING CO., INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,520. PUBLISHED JUNE 21, 1938. Class 35.

359,842. LEATHER BELTING. PENNWELL OIL & BELTING CO., INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,521. PUBLISHED JUNE 21, 1938. Class 35.

359,843. CHEMICAL SOLVENT FOR DISSOLVING SLUDGE AND GUMS FORMED BY OILS. PATTERSON O. STEWART, doing business as Electro Products Company, New York, N. Y.
Filed April 20, 1938. Serial No. 405,529. PUBLISHED JUNE 14, 1938. Class 6.

359,844. STANDARDIZED OVARIAN HORMONE PREPARATION FOR USE IN MENSTRUAL DISORDERS. G. W. CARNRICK CO., Newark, N. J.
Filed April 21, 1938. Serial No. 405,549. PUBLISHED JUNE 14, 1938. Class 6.

359,845. RUM, WHISKEY, GIN, BRANDY, AND ALCOHOLIC CORDIALS. JOSEPH S. FINCH AND COMPANY, New York, N. Y., and Schenley, Pa.
Filed April 21, 1938. Serial No. 405,552. PUBLISHED JUNE 21, 1938. Class 49.

359,846. CHILDREN'S TRICYCLES AND OTHER CHILDREN'S VEHICLES. CANADA CYCLE & MOTOR COMPANY LIMITED, Weston, Ontario, Canada.
Filed April 22, 1938. Serial No. 405,589. PUBLISHED JUNE 21, 1938. Class 22.

359,847. PREPARATION FOR POLISHING AND SEALING FLOORS. HISTOSAN INCORPORATED, Ivoryton, Conn.
Filed April 22, 1938. Serial No. 405,601. PUBLISHED JUNE 21, 1938. Class 16.

359,848. DEXTROSE AND AMINO ACIDS. BAXTER LABORATORIES, INC., Glenview, Ill.
Filed April 23, 1938. Serial No. 405,629. PUBLISHED JUNE 21, 1938. Class 6.

359,849. AIRPLANES AND STRUCTURAL PARTS THEREOF. BELL AIRCRAFT CORPORATION, Buffalo, N. Y.
Filed April 25, 1938. Serial No. 405,678. PUBLISHED JUNE 21, 1938. Class 19.

359,850. AIRPLANES AND STRUCTURAL PARTS THEREOF. BELL AIRCRAFT CORPORATION, Buffalo, N. Y.
Filed April 25, 1938. Serial No. 405,679. PUBLISHED JUNE 21, 1938. Class 19.

359,851. AIRPLANES AND STRUCTURAL PARTS THEREOF. BELL AIRCRAFT CORPORATION, Buffalo, N. Y.
Filed April 25, 1938. Serial No. 405,680. PUBLISHED JUNE 21, 1938. Class 19.

359,852. LIQUID PREPARATION FOR MOTHPROOFING VARIOUS FABRICS, INCLUDING CLOTHING, RUGS, UPHOLSTERY, AND WOOLENS OF ALL SORTS. BOSTON DRUG & CHEMICAL CO., Boston, Mass.
Filed April 26, 1938. Serial No. 405,713. PUBLISHED JUNE 21, 1938. Class 6.

359,853. CHEWING GUM. S. H. KRESS AND COMPANY, New York, N. Y.
Filed April 26, 1938. Serial No. 405,729. PUBLISHED JUNE 21, 1938. Class 46.

359,854. OIL BURNERS. PETROLEUM HEAT AND POWER COMPANY, New York, N. Y.
Filed April 26, 1938. Serial No. 405,735. PUBLISHED JUNE 21, 1938. Class 34.

359,855. OIL BURNERS. PETROLEUM HEAT AND POWER COMPANY, New York, N. Y.
Filed April 26, 1938. Serial No. 405,736. PUBLISHED JUNE 21, 1938. Class 34.

359,856. OIL BURNERS. PETROLEUM HEAT AND POWER COMPANY, New York, N. Y.
Filed April 26, 1938. Serial No. 405,737. PUBLISHED JUNE 21, 1938. Class 34.

359,857. VENTILATING FANS. B. F. STURTEVANT COMPANY, Boston, Mass.
Filed April 26, 1938. Serial No. 405,743. PUBLISHED JUNE 21, 1938. Class 34.

359,858. LOOSE AND PACKAGED TEAS. HARVEY L. SHOMO, Philadelphia, Pa.
Filed April 20, 1938. Serial No. 405,748. PUBLISHED JUNE 21, 1938. Class 46.

359,859. NAIL CREAM. THOMAS PRODUCTS, INC., Buffalo, N. Y.
Filed April 27, 1938. Serial No. 405,786. PUBLISHED JUNE 21, 1938. Class 6.

359,860. PLAYING BALLS AND PARTICULARLY BASE BALLS. J. DE BEER & SON, Albany, N. Y.
Filed April 28, 1938. Serial No. 405,806. PUBLISHED JUNE 21, 1938. Class 22.

359,861. COUNTER-IRRITANT PASTE. HETOGEN CO., INC., New York, N. Y.
Filed April 28, 1938. Serial No. 405,811. PUBLISHED JUNE 21, 1938. Class 6.

359,862. COUNTER-IRRITANT PASTE. HETOGEN CO., INC., New York, N. Y.
Filed April 28, 1938. Serial No. 405,812. PUBLISHED JUNE 21, 1938. Class 6.

359,863. SOAP. MAX WULFSOHN, INC., New York, N. Y.
Filed April 29, 1938. Serial No. 405,862. PUBLISHED JUNE 21, 1938. Class 4.

359,864. PREPARATION FOR SOFTENING THE SKIN, TREATMENT OF SUNBURN, ROUGH CHAPPED SKIN, TIRED BURNING FEET, AND POISON IVY, AND FOR USE AFTER SHAVING. THE E. E. DICKINSON CO., Essex, Conn.
Filed April 29, 1938. Serial No. 405,863. PUBLISHED JUNE 21, 1938. Class 6.

359,865. BLADDERS FOR PLAYBALLS, BASKETBALLS, FOOTBALLS, AND THE LIKE. DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass.
Filed April 30, 1938. Serial No. 405,872. PUBLISHED JUNE 21, 1938. Class 22.

359,866. FABRICS IN THE PIECE OF COTTON, SILK, RAYON, WOOL, LINEN, AND/OR COMBINATIONS THEREOF. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y.
Filed April 30, 1938. Serial No. 405,881. PUBLISHED JUNE 21, 1938. Class 42.

359,867. DRINKING WATER CONTAINING IODIDES. M. MUNN STOCKTON, doing business as Momu Co., New York, N. Y.
Filed April 30, 1938. Serial No. 405,902. PUBLISHED JUNE 21, 1938. Class 6.

359,868. WOOLEN PIECE GOODS. C. M. DE LAND, New York, N. Y.
Filed May 2, 1938. Serial No. 405,919. PUBLISHED JUNE 21, 1938. Class 42.

359,869. CHEMICAL PREPARATION FOR EXTERMINATING MOTHS. AUGUST TRAUTMAN, New York, N. Y.
Filed May 2, 1938. Serial No. 405,944. PUBLISHED JUNE 21, 1938. Class 6.

359,870. COSMETICS—NAMELY, ROUGE, LIPSTICK, FACE POWDER, AND SKIN LOTION. AUGUST TRAUTMAN, New York, N. Y.
Filed May 2, 1938. Serial No. 405,945. PUBLISHED JUNE 21, 1938. Class 6.

359,871. FRESH VEGETABLES—NAMELY, ASPARAGUS. PICCHI BROS., Stockton, Calif.
Filed May 3, 1938. Serial No. 405,968. PUBLISHED JUNE 21, 1938. Class 46.

359,872. PISTON RINGS, PISTON RING EXPANDERS, AND VALVE PACKING. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa.
Filed May 3, 1938. Serial No. 405,975. PUBLISHED JUNE 21, 1938. Class 35.

359,873. COTTON PIECE GOODS—TO WIT, CORDUROY. HOCKMEYER BROS., INC., New York, N. Y., and Portland, Maine.
Filed May 4, 1938. Serial No. 405,990. PUBLISHED JUNE 21, 1938. Class 42.

359,874. MEDICINAL PREPARATION FOR USE AS A TONIC AND APPETITE STIMULATOR. ADJUVANT SPECIALTIES COMPANY, Jersey City, N. J.
Filed May 5, 1938. Serial No. 406,010. PUBLISHED JUNE 21, 1938. Class 6.

359,875. LYE. BRAY CHEMICAL CO., Chicago, Ill.
Filed May 6, 1938. Serial No. 406,047. PUBLISHED JUNE 21, 1938. Class 6.

359,876. TIRES AND INNER TUBES FOR TIRES. UNITED CO-OPERATIVES, INC., Indianapolis, Ind.
Filed May 6, 1938. Serial No. 406,075. PUBLISHED JUNE 21, 1938. Class 35.

359,877. ANTISEPTIC AND BACTERICIDAL PREPARATIONS. E. R. SQUIBB & SONS, New York, N. Y.
Filed May 7, 1938. Serial No. 406,104. PUBLISHED JUNE 21, 1938. Class 6.

359,878. COSMETICS—NAMELY, HAIR PREPARATIONS, FACE CREAMS, FACE POWDER, LIPSTICK, AND ROUGE. CHARLES HOOVER, Jackson Heights, Long Island, N. Y.
Filed May 9, 1938. Serial No. 406,133. PUBLISHED JUNE 21, 1938. Class 6.

359,879. FISHING REELS, FISHING LINES, FISHING RODS, AND ARTIFICIAL FISHING BAITS AND LURES. SHAKESPEARE COMPANY, Kalamazoo, Mich.
Filed May 9, 1938. Serial No. 406,155. PUBLISHED JUNE 21, 1938. Class 22.

359,880. BOOKMATCHES. UNIVERSAL MATCH CORPORATION, St. Louis, Mo.
Filed May 9, 1938. Serial No. 406,156. PUBLISHED JUNE 21, 1938. Class 9.

359,881. DETONATORS. ATLAS POWDER COMPANY, Wilmington, Del.
Filed May 10, 1938. Serial No. 406,169. PUBLISHED JUNE 21, 1938. Class 9.

359,882. MIXERS FOR USE IN THE PREPARATION OF BEVERAGES. VIRGINIA DARE EXTRACT COMPANY, INC., Brooklyn, N. Y.
Filed May 10, 1938. Serial No. 406,178. PUBLISHED JUNE 21, 1938. Class 45.

359,883. PREPARATION USED IN THE TREATMENT OF COUGHS, COLDS, BRONCHIAL IRRITATIONS, AND SIMILAR AILMENTS. ROY J. TROUTMAN, doing business as G. E. Laboratories, Shamokin, Pa.
Filed May 10, 1938. Serial No. 406,202. PUBLISHED JUNE 21, 1938. Class 6.

359,884. FISHING REELS. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio.
Filed May 12, 1938. Serial No. 406,242. PUBLISHED JUNE 21, 1938. Class 22.

359,885. LIPSTICKS, ROUGE, FACE POWDER; EYELASH AND EYEBROW MASCARA; CREAMS FOR THE HANDS AND FACE; PREPARATIONS FOR SKIN, HAIR, AND FINGERNAILS; CLEANSING PADS IMPREGNATED WITH LOTION; COSMETIC FILLED VANITY CASES; AND PERFUMES. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill.
Filed May 13, 1938. Serial No. 406,274. PUBLISHED JUNE 21, 1938. Class 6.

359,886. AMUSEMENT GAME PLAYED WITH A BOARD, MOVABLE PIECES, AND A CHANCE DEVICE. LOREN W. VAN VECHTEN, Rochester, N. Y.
Filed May 13, 1938. Serial No. 406,307. PUBLISHED JUNE 21, 1938. Class 22.

359,887. EDUCATIONAL GAME BOARDS. HERMAN BAKER, New York, N. Y.
Filed May 16, 1938. Serial No. 406,368. PUBLISHED JUNE 21, 1938. Class 22.

359,888. SPINNING TOPS. O. SCHORNHUT INC., Philadelphia, Pa.
Filed May 16, 1938. Serial No. 406,401. PUBLISHED JUNE 21, 1938. Class 22.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

359,889. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn. Filed Oct. 14, 1935. Serial No. 370,365.

DOUBLE CHERRY

For Carbonated, Non-Alcoholic, Non-Cereal, Maltless Beverages Sold as Soft Drinks, and Syrups for Compounding the Same.
Claims use since Dec. 1, 1927.

359,890. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE CLEVELAND BRASS MANUFACTURING COMPANY, Cleveland, Ohio. Filed July 13, 1936. Serial No. 380,945.

SPEEDEND

For Metal Pipe Fittings for Use in Tank Wagon and Tank Car Unloading Connections.
Claims use since June 19, 1934.

359,891. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILMINGTON FIBRE SPECIALTY COMPANY, Wilmington and New Castle, Del. Filed Feb. 6, 1937. Serial No. 388,623.

BONEKLAD

For Cutting Sticks for Paper Cutting and Printing Machines.
Claims use since Dec. 10, 1936.

359,892. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) M. B. SKINNER COMPANY, South Bend, Ind. Filed May 28, 1937. Serial No. 393,395.

SKINNER-SEAL

For Pipe Repair Clamps—Namely, Emergency Pipe Clamps, Pipe Saddles, Pipe Line Clamps, Pipe Joint Clamps, Collar Leak Clamps, Bell Joint Clamps, Split Coupling Clamps, High Pressure Weld Clamps, Band Clamps, Pressed Steel Clamps, Service Saddles, and Saddle T's.
Claims use since Mar. 1, 1937.

359,893. (CLASS 2. RECEPTACLES.) THE VISKING CORPORATION, Chicago, Ill. Filed July 21, 1937. Serial No. 395,497.

Skinless

For Artificial Sausage Casings.
Claims use since June 15, 1937.

359,894. (CLASS 37. PAPER AND STATIONERY.) UNION BAG & PAPER CORPORATION, New York, N. Y. Filed July 22, 1937. Serial No. 395,547.

"KLEER-MARK"

For Wrapping Paper.
Claims use since July 17, 1937.

359,895. (CLASS 27. HOROLOGICAL INSTRUMENTS.) THE GRUEN WATCH COMPANY, Cincinnati and Time Hill, Cincinnati, Ohio. Filed July 28, 1937. Serial No. 395,711.

KONVEX

For Watches, Watch Cases, and Watch Movements.
Claims use since June 29, 1937.

359,896. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALBERS BROS. MILLING CO., Portland, Oreg.; San Francisco, Oakland, Los Angeles, Riverside, Fresno, Sacramento, and San Jose, Calif.; and Seattle, Tacoma, and Spokane, Wash. Filed July 30, 1937. Serial No. 395,802.

Crispi-Fresh

For Corn Flakes.
Claims use since July 15, 1937.

359,897. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Aug. 5, 1937. Serial No. 396,033.

SNIP-SLIP

For Women's and Misses' Slips.
Claims use since July 7, 1937.

359,898. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) PACIFIC DISTILLERS, INC., Culver City, Calif. Filed Aug. 7, 1937. Serial No. 396,155.

DREXEL

For Distilled Alcoholic Liquors—Namely, Gin.
Claims use since June 17, 1937.

359,899. (CLASS 43. THREAD AND YARN.) CALLAWAY MILLS, La Grange, Ga. Filed Aug. 14, 1937. Serial No. 396,387.

STABILIZED

For Yarn and Thread.
Claims use since July 5, 1937.

359,900. (CLASS 47. WINES.) WILDMAN & CO., INC., San Francisco, Calif. Filed Sept. 1, 1937. Serial No. 397,010.

LIVERMORE WHITE

For Wines.
Claims use since July 13, 1937.

359,901. (CLASS 47. WINES.) WILDMAN & CO., INC., San Francisco, Calif. Filed Sept. 1, 1937. Serial No. 397,011.

RUTHERFORD RED

For Wines.
Claims use since July 26, 1937.

359,902. (CLASS 47. WINES.) WILDMAN & CO., INC., San Francisco, Calif. Filed Sept. 1, 1937. Serial No. 397,012.

NAPA VALLEY RED

For Wines.
Claims use since July 26, 1937.

359,903. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) A. & M. KARAGHEUSIAN, INC., New York, N. Y. Filed Sept. 13, 1937. Serial No. 397,365.

Room-Fit

For Textile Rugs, Carpets, Floor and Carpeting Fabrics Cut and Styled for Wall Covers.
Claims use since July 6, 1937.

359,904. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) S. H. KRESS AND COMPANY, New York, N. Y. Filed Sept. 22, 1937. Serial No. 397,669.

BEST-STEEL

TRIPLE CUT

For Nail Files, Nail Clippers, Combination Manicure Files and Finger Nail Clippers, Nail Buffers, Nail Polishers, Manicure Sticks, Manicure Picks and Pushers, Cuticle Knives, Cuticle Shapers and Cleaners, and Tweezers.
Claims use since July 13, 1937.

359,905. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) ED. PHILLIPS & SONS COMPANY, Minneapolis, Minn. Filed Oct. 25, 1937. Serial No. 398,931.

BLACK HILLS

For Whiskey.
Claims use since July 26, 1937.

359,906. (CLASS 27. HOROLOGICAL INSTRUMENTS.) LOFTIS BROS. & CO., Chicago, Ill. Filed Nov. 3, 1937. Serial No. 399,277.

STA-RITE

For Watches and Clocks.
Claims use since Jan. 1, 1910.

359,907. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WALDORF PAPER PRODUCTS COMPANY, St. Paul, Minn. Filed Nov. 15, 1937. Serial No. 399,785.

HANG-RITE

For Garment Hangers.
Claims use since September, 1936.

359,908. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn. Filed Nov. 18, 1937. Serial No. 399,901.

DOUBLE PEACH

For Carbonated, Non-Alcoholic, Non-Cereal, Maltless Beverages Sold as Soft Drinks, and Syrups for Compounding the Same.
Claims use since Dec. 1, 1927.

359,909. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) HOWARD R. HYLE, doing business as Hyle Oil Burner Co., Catonsville, Md. Filed Nov. 29, 1937. Serial No. 400,234.

Hyle

For Air Conditioning Units, Oil Furnaces, Oil Heaters, Oil Burners, Using Fuel Oil as Fuel Therefor.
Claims use since Jan. 15, 1912.

359,910. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Filed Dec. 3, 1937. Serial No. 400,398.

MODERN PAK

For Canned Fruits and Canned Fruit Juices for Food Purposes.
Claims use since May 6, 1932.

359,911. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) CLAYTON MANUFACTURING COMPANY, Alhambra, Calif. Filed Dec. 27, 1937. Serial No. 401,236.

KERRICK KINETIC

For Steam Generators.
Claims use since March, 1935.

359,912. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) M. M. FLERON & SON, INC., Trenton, N. J. Filed Mar. 31, 1938. Serial No. 404,698.

SIGNALER

For Radio Blinker Telegraph.
Claims use since Jan. 2, 1934.

359,913. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) BOB MARMUR, East Orange, N. J. Filed Apr. 27, 1938. Serial No. 405,755.

CANTILEVER

TENNIS TABLES
BUILT LIKE A BRIDGE
MARMUR
East Orange, N. J.

For Table Tennis Tables.
Claims use since Feb. 17, 1937.

359,914. (CLASS 33. GLASSWARE.) MCKEE GLASS COMPANY, Jeannette, Pa. Filed May 12, 1938. Serial No. 406,258.

PRESCUT

For Table Glassware.
Claims use since May, 1903.

359,915. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) B. H. MCEACHEN, Huntington Park, Calif. Filed May 23, 1938. Serial No. 406,650.

OUR BEST

For Pickles, Ground Sweet Pickle Relish, Chili Peppers, Mexican Hot Relish, Jams and Jellies, Imitation Maple Syrup, Pepper Sauce, Mince Meat, Pickled Onions, Honey, Vinegar, Mustard, Flavoring Extracts for Foods; Southern Style Seasoning for Foods Composed of Oil, Salt, and Seasoning Base; Pepper, Chili Powder, Salad Oil, Peanut Butter, Chili Sauce, and Horseradish Mustard.
Claims use since October, 1931.

359,916. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) SHOE FORM CO., INC., Auburn, N. Y. Filed May 28, 1938. Serial No. 406,886.

KWIK-FIT

For Forms for Wearing Apparel.
Claims use since Apr. 15, 1937.

359,917. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FRANK NIERING & COMPANY, INC., Newburgh, N. Y. Filed June 3, 1938. Serial No. 407,072.

DRAPETTES

For Finished Draperies Made From Decorative Cotton Fabrics.
Claims use since March, 1937.

359,918. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HENRY T. SCHIFF, Chicago, Ill. Filed June 8, 1938. Serial No. 407,251.

AUTOSHAVER

For Electric Dry Shavers.
Claims use since Apr. 4, 1937.

359,919. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) PARAMOUNT DISTILLING CORPORATION, Chicago, Ill. Filed June 17, 1938. Serial No. 407,602.

GRIESEL BROTHERS

For Whiskey, Cordials, and Gin.
Claims use since Apr. 6, 1937.

359,920. (CLASS 32. FURNITURE AND UPHOLSTERY.) ROLSCREEN COMPANY, Pella, Iowa. Filed June 27, 1938. Serial No. 407,961.

PELLA
VENETIAN BLINDS

For Venetian Blinds.
Claims use since February, 1934.

359,921. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) JOHN M. HEYMAN, doing business as U. S. Chemical Coatings Co., New York, N. Y. Filed June 29, 1938. Serial No. 408,022.

ODORPAINT

For Paint Ingredients in Powder Form.
Claims use since 1931.

TRADE-MARK REGISTRATIONS RENEWED

114,689. CERTAIN PHARMACEUTICAL PREPARATIONS FOR TOILET PURPOSES. Registered January 2, 1917. THE BONNEY COMPANY. Renewed January 2, 1937, to Bonney, Inc., Chicago, Ill., a corporation of Illinois, successor.

121,614. SPRING-WATER. Registered May 14, 1918. JOHN GRAF COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Renewed May 14, 1938.

121,892. TOOL-STEEL. Registered June 11, 1918. HALCOMB STEEL COMPANY, Syracuse, N. Y. Renewed June 11, 1938, to Crucible Steel Company of America, New York, N. Y., a corporation of New Jersey, assignee.

122,069. CERTAIN NAMED FOODS. Registered June 25, 1918. THE CUDAHY PACKING COMPANY, Chicago, Ill., and Omaha, Nebr. Renewed June 25, 1938, to The Cudahy Packing Company, Chicago, Ill., a corporation of Maine, assignee.

122,095. CANNED SARDINES. Registered June 25, 1918. NEPTUNE SEA FOOD COMPANY, San Diego, Calif. Renewed June 25, 1938, to Fishermen's Tuna Packing Company, Point Loma, Calif., a corporation of California, assignee by mesne assignments.

122,392. TOWEL-CABINETS. Registered July 30, 1918 PULLCLEAN MANUFACTURING CO., INC., New York, N. Y. Renewed July 30, 1938, to Pullclean Manufacturing Corporation, Bridgeport, Conn., a corporation of Delaware, assignee.

122,424. CERTAIN NAMED FOODS. Registered August 20, 1918. BISCEGLIA BROS. Renewed August 20, 1938, to Bisceglia Brothers Incorporated, San Jose, Calif., a corporation of California, successor.

122,490. A MAGAZINE PRINTED MONTHLY. Registered August 20, 1918. KELLOGG SWITCHBOARD & SUPPLY CO., Chicago, Ill., a corporation of Illinois. Renewed August 20, 1938.

122,567. OVERALLS AND COATS. Registered August 27, 1918. BALTIMORE BARGAIN HOUSE, Baltimore, Md. Renewed August 27, 1938, to Butler Brothers, Chicago, Ill., a corporation of Illinois, successor.

122,581. LADIES' HOSIERY. Registered August 27, 1918. DAISY WHITEHEAD K'T'G CO. Renewed August 27, 1938, to Joseph A. Sacks, doing business as Daisy Whitehead Knitting Co., New York, N. Y., successor.

122,639. A NON-ALCOHOLIC EXTRACT OF MALT AND HOPS. Registered September 3, 1918. THE CROWN BREWING COMPANY. Renewed September 3, 1938, to The Queen City Bottling Company, Cincinnati, Ohio, a corporation of Ohio, successor.

122,687. PASTE FOR CLEANING TEETH. Registered September 10, 1918. EAU DE COLOGNE FABRIEK V. H. J. C. BOLDOOT. Renewed September 10, 1938, to Naamlooze Vennootschap Eau de Cologne Fabriek J. C. Boldoot, Amsterdam, Netherlands, a limited liability company of the Netherlands, by change of name.

122,844. BOND-PAPER. Registered September 24, 1918. BOORUM & PEASE COMPANY, New York, N. Y., a corporation of New York. Renewed September 24, 1938.

122,849. A PREPARATION FOR HEADACHE, COLDS, NEURALGIA, AND NERVOUSNESS. Registered September 24, 1918. THE COOPER MEDICINE COMPANY. Renewed September 24, 1938, to International Proprietaries Incorporated, Dayton, Ohio, a corporation of Delaware, successor.

123,160. CERTAIN NAMED FOODS. Registered October 15, 1918. RICHARDSON CORPORATION, Rochester, N. Y., a corporation of New York, Renewed October 15, 1938.

123,161. COMBINATION BEVERAGE CARBONATING AND DISPENSING APPARATUS. Registered October 15, 1918. RICHARDSON CORPORATION, Rochester, N. Y., a corporation of New York. Renewed October 15, 1938.

123,211. HOSIERY. Registered October 22, 1918. DAISY WHITEHEAD KNITTING CO. Renewed October 22, 1938, to Joseph A. Sacks, doing business as Daisy Whitehead Knitting Co., New York, N. Y., successor.

123,604. COFFEE. Registered November 19, 1918. HELEN E. JOHNSON, Toledo, Ohio. Renewed November 19, 1938, to Beech-Nut Packing Company, Canajoharie, N. Y., a corporation of New York, assignee.

123,766. WRAPPING-PAPERS. Registered December 3, 1918. UNION BAG & PAPER CORPORATION, Jersey City, N. J., and New York, N. Y. Renewed December 3, 1938, to Union Bag & Paper Corporation, New York, N. Y., a corporation of New Jersey.

123,767. WRAPPING-PAPERS. Registered December 3, 1918. UNION BAG & PAPER CORPORATION, Jersey City, N. J., and New York, N. Y. Renewed December 3, 1938, to Union Bag & Paper Corporation, New York, N. Y., a corporation of New Jersey.

123,799. GRASS AND FIELD SEEDS. Registered December 10, 1918. H. W. DOUGHTEN, New York, N. Y. Renewed December 10, 1938, to The Doughten Seed Company, Jersey City, N. J., a corporation of New Jersey, assignee.

123,840. EMBALMING FLUIDS. Registered December 10, 1918. THE MAX HUNCKE CHEMICAL CO., Brooklyn, N. Y., a corporation of Delaware. Renewed December 10, 1938.

123,841. BLOOD-DISSOLVERS. Registered December 10, 1918. THE MAX HUNCKE CHEMICAL CO., Brooklyn, N. Y., a corporation of Delaware. Renewed December 10, 1938.

123,842. EMBALMING FLUIDS. Registered December 10, 1918. THE MAX HUNCKE CHEMICAL CO., Brooklyn, N. Y., a corporation of Delaware. Renewed December 10, 1938.

123,906. CANDY. Registered December 17, 1918. HARRIS-WOODSON CO. INC., Lynchburg, Va., a corporation of Virginia. Renewed December 17, 1938.

123,935. TOILET PREPARATIONS—VIZ., OINTMENTS FOR THE TREATMENT OF THE SKIN AND SCALP. Registered December 24, 1918. THE BLISS LABORATORIES, INC., New York, N. Y. Renewed December 24, 1938, to The Bliss Laboratories Corp., Newark, N. J., a corporation of New Jersey, assignee.

123,943. PERFUMERY, TALCUM POWDER, TOILET WATER, SACHETS, AND SACHET-POWDER. Registered December 24, 1918. MCKESSON & ROBBINS, New York, N. Y. Renewed December 24, 1938, to McKesson & Robbins, Incorporated, Bridgeport, Conn., a corporation of Maryland, assignee.

123,991. CERTAIN NAMED ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES. Registered December 31, 1918. THE A. C. GILBERT COMPANY. Renewed December 31, 1938, to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland, assignee.

124,005. FABRIC GLOVES AND HOSIERY. Registered December 31, 1918. JULIUS KAYSER & CO., New York, N. Y., a corporation of New York. Renewed December 31, 1938.

124,007. TELEPHONE-SUBSTATION SETS. Registered December 31, 1918. KELLOGG SWITCHBOARD & SUPPLY CO., Chicago, Ill., a corporation of Illinois. Renewed December 31, 1938.

124,045. A NON-ALCOHOLIC MALTLESS BEVERAGE CONSISTING OF A ROOT-BEER COMPOUND SOLD AS SOFT DRINK. Registered December 31, 1918. RICHARDSON CORPORATION, Rochester, N. Y., a corporation of New York. Renewed December 31, 1938.

124,072. MANUFACTURED FLAGS. Registered January 14, 1919. ANNIN & CO., New York, N. Y., a corporation of New York. Renewed January 14, 1939.

124,073. MANUFACTURED FLAGS. Registered January 14, 1919. ANNIN & CO., New York, N. Y., a corporation of New York. Renewed January 14, 1939.

124,074. MANUFACTURED FLAGS. Registered January 14, 1919. ANNIN & CO., New York, N. Y., a corporation of New York. Renewed January 14, 1939.

124,102. A MONTHLY MAGAZINE. Registered January 14, 1919. INTERNATIONAL MAGAZINE COMPANY. Renewed January 14, 1939, to Hearst Magazines Inc., New York, N. Y., a corporation of New York, assignee.

124,110. CERTAIN NAMED FOODS. Registered January 14, 1919. FRANCIS H. LEGGETT & COMPANY, New York, N. Y., a corporation of New York. Renewed January 14, 1939.

124,146. WIPING-RAGS FOR MACHINERY AND THE LIKE. Registered January 14, 1919. ABRAHAM D. RADINSKY, doing business as A. D. Radinsky, Denver, Colo. Renewed January 14, 1939.

124,147. WIPING-RAGS FOR MACHINERY AND THE LIKE. Registered January 14, 1919. ABRAHAM D. RADINSKY, doing business as A. D. Radinsky, Denver, Colo. Renewed January 14, 1939.

124,166. ORANGES. Registered January 14, 1919. TUSTIN HILLS CITRUS ASSOCIATION, Tustin, Calif., a corporation of California. Renewed January 14, 1939.

124,184. PERFUMES. Registered January 14, 1919. YARDLEY & CO., LIMITED, London, England. Renewed January 14, 1939, to Park & Tilford, New York, N. Y., a corporation of New York, assignee.

124,186. CANNED OYSTERS. Registered January 21, 1919. APALACHEE PACKING COMPANY, INC., Apalachicola, Fla., a corporation of Florida. Renewed January 21, 1939.

124,188. GLASS BOTTLES. Registered January 21, 1919. CARR-LOWREY GLASS COMPANY, Baltimore and Westport, Md. Renewed January 21, 1939, to Carr-Lowrey Glass Co., Baltimore, Md., a corporation of Maryland.

124,241. CERTAIN NAMED CLOTHING. Registered January 28, 1919. CLARENCE W. GROSNER. Renewed January 28, 1939, to Raleigh Haberdasher, Inc., Washington, D. C., a corporation of the District of Columbia, assignee.

124,248. PRINTED BOOKS, PAMPHLETS, AND CIRCULARS. Registered January 28, 1919. INTERNATIONAL PRINTING PRESSMEN AND ASSISTANTS' UNION OF NORTH AMERICA, Pressmen's Home, Tenn., a voluntary association. Renewed January 28, 1939.

LABELS

REGISTERED AUGUST 30, 1938

51,669.—*Title:* CORN HEARTS—THE JUICY MEAT OF FRESH GREEN CORN. For Canned Corn. H. C. BAXTER & BRO., doing business as Baxter Bros. Co., and Augusta Canning Company, Brunswick, Maine. Published February 3, 1937.

51,670.—*Title:* BAUME BENGUÉ. For an Anodyne and Counter-irritant for the Relief of Rheumatic Pains, Neuralgia and Colds. JULES BENGUÉ, doing business as Dr. Bengué, Paris, France, and Union City, N. J. Published August 2, 1938.

51,671.—*Title:* STYLISH STEPPERS. For Cartons. BIRD & SON, INC., East Walpole, Mass. Published July 31, 1938.

51,672.—*Title:* FOOTWEAR IN VOGUE. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published July 13, 1938.

51,673.—*Title:* VO-CLAIR EXQUISITE HOSIERY. For Hosiery. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published July 30, 1938.

51,674.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published July 26, 1938.

51,675.—*Title:* ADMIRATION STYLED QUALITY FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published July 15, 1938.

51,676.—*Title:* OLD BOLTON. For Beer. FREE STATE BREWERY CORP., Baltimore, Md. Published July 25, 1938.

51,677.—*Title:* SILVER VALLEY. For Cut Stringless Beans. HARLINGEN CANNING COMPANY, doing business as Southern Sales Co., Harlingen, Tex. Published May 5, 1938.

51,678.—*Title:* JERO BRAND. For Raspberry Flavored Syrup. JERO PRODUCTS CO., Chicago, Ill. Published July 18, 1938.

51,679.—*Title:* READY TO EAT MACARONI DINNER. For Specially Prepared Cooked Macaroni. KANSAS CITY MACARONI & IMPORTING CO., doing business as American Beauty Macaroni Company, Kansas City, Mo. Published June 1, 1938.

51,680.—*Title:* AMERICAN BEAUTY SPAGHETTI DINNER. For Specially Prepared Cooked Spaghetti. KANSAS CITY MACARONI & IMPORTING CO., doing business as American Beauty Macaroni Company, Kansas City, Mo. Published June 1, 1938.

51,681.—*Title:* MANNING'S BLUE LABEL TEA INDIA & CEYLON BLACK. For Tea. MANNINGS, INC., San Francisco, Calif. Published June 11, 1938.

51,682.—*Title:* MANNING'S RED LABEL TEA INDIA & CEYLON BLACK. For Tea. MANNINGS, INC., San Francisco, Calif. Published June 11, 1938.

51,683.—*Title:* MANNING'S YELLOW LABEL TEA INDIA & CEYLON BLACK. For Tea. MANNINGS, INC., San Francisco, Calif. Published June 11, 1938.

51,684.—*Title:* SHURFINE (APRICOTS). For Whole Peeled Apricots. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,685.—*Title:* SHURFINE (MUSHROOMS). For Mushrooms. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,686.—*Title:* SHURFINE (EVAPORATED MILK). For Evaporated Milk. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,687.—*Title:* SHURFINE (ORANGE JUICE). For Unsweetened Orange Juice. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,688.—*Title:* SHURFINE (PINEAPPLE). For Sliced Hawaiian Pineapple. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,689.—*Title:* SHURFINE (VANILLA). For Vanilla. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,690.—*Title:* SHURFINE (SALMON). For Red Alaska Sockeye Salmon. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 1, 1936.

51,691.—*Title:* SHURFINE (SALT). For Table Salt. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published July 1, 1936.

51,692.—*Title:* ROXEY (DOG AND CAT FOOD). For Dog and Cat Food. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,693.—*Title:* SHURFINE (TOMATO JUICE). For Tomato Juice. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,694.—*Title:* TAKES-OFF. For a Fruit and Vegetable Stain Remover. TAKES-OFF LABORATORIES, La Crosse, Ind. Published May 6, 1938.

51,695.—*Title:* EUCOSYL. For an Effective Expectorant. ULMER PHARMACAL COMPANY, Minneapolis, Minn. Published July 8, 1938.

51,696.—*Title:* CALMAZIN. For Stabilized Lotion of Calamine, Ammon. Mercury and Zinc Oxide. ULMER PHARMACAL COMPANY, Minneapolis, Minn. Published July 8, 1938.

51,697.—*Title:* BROCHLORAMUS. For a Sedative-Hypnotic. ULMER PHARMACAL COMPANY, Minneapolis, Minn. Published July 8, 1938.

51,698.—*Title:* WHITE TOP. For Popped Corn. WHITE TOP FOOD PRODUCTS CO., Los Angeles, Calif. Published May 9, 1938.

LABELS RENEWED

15,253. "GOLDEN CROWN" FOR KNITTING YARNS. Registered July 12, 1910. SEARS, ROEBUCK AND CO., Chicago, Ill., a corporation of New York. Renewed July 12, 1938.

PRINTS

REGISTERED AUGUST 30, 1938

17,016.—*Title:* BEECH-NUT SPEARMINT CHEWING GUM. For Spearmint Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 26, 1938.

17,017.—*Title:* WIN FRIENDS AND IN-FLUID PEOPLE. For Beer. JOSEPH F. BOINEY, North Tonawanda, N. Y. Published June 14, 1938.

17,018.—*Title:* DON'T GUESS! KNOW HIS FIRST SOLID FOOD IS PERFECTLY DIGESTIBLE. For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published July 25, 1938.

17,019.—*Title:* BURIAL CRYPTS OF VITRIFIED CLAY—THE INDIVIDUAL UNDERGROUND MAUSOLEUM. For Burial Crypts or Vaults. THE DONAHEY VITRI VAULT COMPANY, Columbus, Ohio. Published May 4, 1938.

17,020.—*Title:* I CAN'T SOCK 'EM OUT ON A 'SKIMPY BREAKFAST'! For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published August 2, 1938.

17,021.—*Title:* THE BIG APPLE CANDLE. For Candles. MUENCH-KREUZER CANDLE CO., INC., Syracuse, N. Y. Published December 3, 1937.

17,022.—*Title:* PFEIFFER'S BEER WITH THE NEW 'FIFER-KAP'. For Beer. PFEIFFER BREWING COMPANY, Detroit, Mich. Published June 22, 1938.

17,023.—*Title:* PRUICIDE. For a Compound to be Added to Ready Mixed Paints to Prevent Mildew. PRUDEN CHEMICAL COMPANY, Orlando, Fla. Published January 14, 1938.

REISSUES

AUGUST 30, 1938

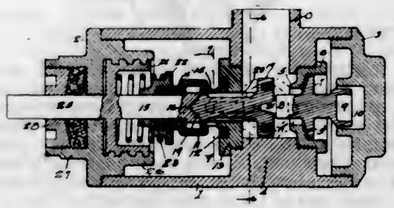
20,836

APPARATUS FOR MIXING FLUIDS

Charles G. Wall, Philadelphia, Pa.

Original No. 2,082,529, dated June 1, 1937, Serial No. 91,415, July 18, 1936. Renewed April 19, 1937. Application for reissue February 1, 1938, Serial No. 188,069

17 Claims. (Cl. 277—18)



1. In a water-mixing valve-device the combination with a casing having an interior mixing chamber and a cold water valve seat opening into the chamber at one end, and an open-center-holder at the other end of the chamber having a valve seat exterior of the chamber, of a floating piston mounted in the holder having a head forming a valve adapted to close the cold water seat, means operative under cold water pressure to unseat the cold water valve, a longitudinally movable stem and a valve thereon to close the exterior valve seat, and said piston having means for communication between the mixing chamber and the hot water side of the casing.

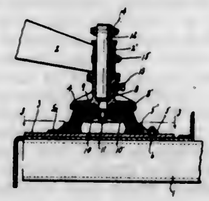
20,837

RESILIENT CONNECTION

Arthur P. Armington, deceased, late of Willoughby, Ohio, by The Euclid Road Machinery Company, Euclid, Ohio, assignee

Original No. 2,073,617, dated March 16, 1937, Serial No. 756,501, December 7, 1934. Application for reissue June 23, 1938, Serial No. 215,516

9 Claims. (Cl. 280—33.1)



9. A member and a resilient element having cooperative bearing faces, said element having laterally opposed wall portions leading convergently from said member and providing a cavity leading convergently a substantial extent from its face, retaining means about said element, with obliquely disposed face portions in clamping relation against said convergent element wall portions adjacent said bearing faces, and means detachably securing said retaining means upon said member to maintain the bearing of said faces against each other.

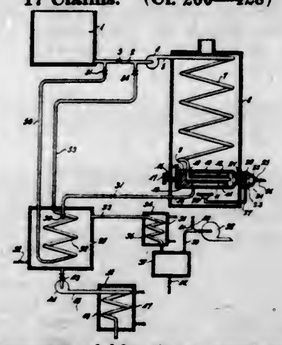
20,838

PROCESS OF BLEACHING OILS

Benjamin Clayton, Houston, Tex., and Benjamin H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev., a corporation of Nevada

Original No. 2,110,789, dated March 8, 1938, Serial No. 150,824, June 28, 1937. Application for reissue May 21, 1938, Serial No. 209,390

17 Claims. (Cl. 260—428)



1. The process of bleaching previously refined animal and vegetable oils which are substantially free of free fatty acids, which comprises, passing said oils under pressure and out of contact with the air through a heated zone of such dimensions that the oil is substantially uniformly heated, raising the temperature of said oil in said zone sufficient to reduce the color of said oil and cause volatile constituents to pass into vapor when the pressure is lowered, cooling said oil before the viscosity characteristics thereof have been materially changed by suddenly lowering the pressure and withdrawing said volatile constituents.

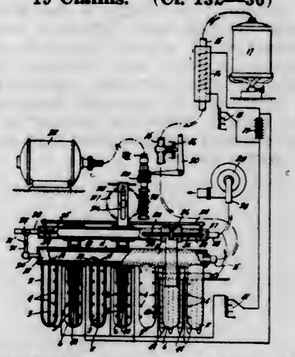
20,839

APPARATUS FOR THE WAVING OF THE HAIR

Fernan Oscar Conill, New York, N. Y.

Original No. 1,979,531, dated November 6, 1934, Serial No. 617,377, June 15, 1932. Application for reissue August 18, 1936, Serial No. 96,705. In France November 27, 1931

19 Claims. (Cl. 132—36)



1. In apparatus for the waving of hair the combination of: a perforated tubular heating

member; two perforated tubular pressing members adapted to cooperate with said heating member; means for circulating steam through a heating member and a pressing member so as to pass through the perforations of these members and a hair lock located between the members; and means for firmly pressing a pressing member against the heating member, substantially as described.

20,840
AERIAL BANNER
Mark S. Du Pont, Darby, Pa., assignor to Kellett Autogiro Corporation, Philadelphia, Pa., a corporation of Delaware
Original No. 1,901,855, dated March 14, 1933, Serial No. 637,114, October 10, 1932. Application for reissue March 15, 1933, Serial No. 660,816
16 Claims. (Cl. 40—127)



13. An aerial banner adapted for towed flight, including a plurality of generally parallel stringers extending longitudinally of the banner, a plurality of spacer bars suitably spaced with respect to each other, and extending generally transversely of said stringers and secured thereto at their points of intersection;—there being a spacer bar along the leading edge of said banner, a tow line, and a bridle intermediate said tow line and said leading spacer bar, said bridle including an upper and a lower line extending generally from the upper and lower terminal portions, respectively, of said leading spacer bar, to a generally common juncture with said tow line, for transmitting the towing forces to the uppermost and lowermost stringers, respectively, said upper bridle line being inclined upwardly with respect to said stringers when the bridle is taut;—with the juncture point of the bridle being above the line of the upper stringer, and aero-dynamic means secured to the trailing end of the banner for exerting tension upon said stringers when the banner is in towed flight.

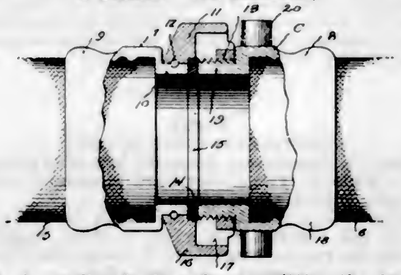
15. An aerial banner adapted for towed flight, including a plurality of generally parallel stringers extending longitudinally of the banner, a plurality of spacer bars suitably spaced with respect to each other and extending generally transversely of said stringers and secured thereto, a plurality of suitable letters or other symbols carried by said stringers generally in the plane thereof and being slidably connected with said stringers generally throughout the zones where the symbols overlap said stringers, and having their leading edges secured against sliding on said stringers, whereby said stringers may tend to hold said letters or symbols against free flapping and may tend to minimize bagging in said letters or symbols, while the banner is in towed flight, and means for connecting said aerial banner to an aerial vehicle.

20,841
REINFORCED VENTILATED UNDERGARMENT
Herman M. McDonald, Evanston, Ill., assignor to MacDee Company, a corporation of Illinois
Original No. 2,114,268, dated April 12, 1938, Serial No. 111,901, November 20, 1936. Application for reissue June 16, 1938, Serial No. 214,173
10 Claims. (Cl. 128—159)



1. A supporter adapted to be stitched to the front of a garment designed to encase the lower part of a human body and extend from the crotch to the waist comprising a main piece of flexible material of U-shape the arms of which are crossed between their ends, and a piece of flexible openwork material covering the opening embraced by the closed end of the U and the parts of the arms of the latter below the point of crossing and stitched at the margin to the main piece of material.

20,842
HOSE COUPLING DRAIN
Seth M. Meyer, West Bend, Wis.
Original No. 2,063,616, dated December 8, 1936, Serial No. 42,849, September 30, 1935. Application for reissue July 8, 1938, Serial No. 218,254
6 Claims. (Cl. 285—120)



1. A coupling for hose for permitting the draining of water therefrom, comprising a female section including a rotatable nut, a sealing gasket in said nut, and radially extending lugs formed on the nut provided with drain passageways opening out through the exterior of the coupling and longitudinally thereof and communicating with the interior of the coupling in advance of the gasket, and a male section including a threaded collar for reception in said nut, the collar being adapted to close the drain openings and engage the sealing gasket when said sections are tightly coupled.

PLANT PATENTS

GRANTED AUGUST 30, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

286
ROSE
Harry Hofmann, Jacksonville, Ill.
Application March 26, 1937, Serial No. 133,210
1 Claim. (Cl. 47—61)

A variety of rose plant as above described in which the bloom is of substantially uniform, deep carmine, consistently regular in form with petals somewhat crinkled at their outer edges; stems bearing a few garnet-colored thorns; sepals water-green on the inside except the tips which are a slate-violet color; and having foliage of a dark shade of green on the upper side of the leaves and of a slate-violet color underneath shading toward the main leaf rib to smoke-grey.

287
ROSE
Michael H. Horvath, Mentor, Ohio
Application September 1, 1937, Serial No. 162,061
1 Claim. (Cl. 47—61)

A rose substantially as herein shown and described and distinguished by the lively brilliant rose pink flowers having a lighter center with an iridescent orange undertone, wavy and crested petals forming cup-like, semi-double flowers, distinctive floriferous character, hardy and vigorous growing plant, rich dark green foliage, and a stem growth excellent for the cutting of flowers.

288
ROSE
Michael H. Horvath, Mentor, Ohio
Application September 1, 1937, Serial No. 162,062
1 Claim. (Cl. 47—61)

A rose as herein shown and described and distinguished by its hardy and sturdy characteristics, its shrub growth and appearance, its deep rich green foliage abundantly produced, and its cluster-borne cerise flowers with a center of pronounced light yellow.

289
ROSE PLANT
James N. Meadowcroft, Kennett Square, Pa., assignor to J. H. Thompson's Sons, Kennett Square, Pa.
Application December 30, 1937, Serial No. 182,622
1 Claim. (Cl. 47—61)

The new and distinct variety of hybrid tea rose plant as shown and described, characterized particularly by its strong and prolific growth, and its blossoms of distinctive brilliant color and velvety aspect.

PATENTS

GRANTED AUGUST 30, 1938

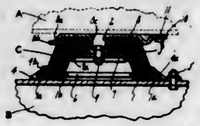
2,128,216

YIELDABLE MOUNT MEANS

Arthur P. Armington, Willoughby, Ohio, assignor to The Euclid Road Machinery Company, Euclid, Ohio, a corporation of Ohio

Application March 30, 1935, Serial No. 13,807

1 Claim. (Cl. 248—358)



Means for yieldably interconnecting a pair of members for support of one upon the other, and comprising a resilient bell-shaped element of rubber or the like arranged between said members upon an axis extending therebetween, means securing the mouth end of said element and including confining means extending peripherally thereabout in overlying relation therewith and secured to the near one of said members, means securing the other member to the opposite end of said element, and rigid means disposed within the mouth part of said element to back the latter against said confining means.

2,128,217

DRAIN PLUNGER

Olof Anderson, Woodstock, Ill.

Application June 23, 1937, Serial No. 149,920

6 Claims. (Cl. 4—255)



1. The combination with a drain plunger of the open ended metal cylinder type, of sealing means for sealing the open end thereof against a surface disposed about a drain opening, said sealing means comprising an annulus of elastic material having a mean diameter substantially equal to that of the open end of said cylinder and being adapted for sealing engagement therewith, said annulus having a plurality of relatively thin sealing webs dependent therefrom and being adapted to spread apart on and to seal against a flat surface upon the application of pressure thereto through said cylinder.

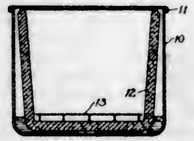
2,128,218

RECEPTACLE FOR PRODUCTS OF THE SOIL

Hubert D. Bennett, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, a corporation of New Jersey

Application April 16, 1935, Serial No. 16,638

4 Claims. (Cl. 65—59)



2. A refrigerator receptacle for products of the soil comprising a substantially closed outer casing having its bottom and the lower portion of its walls impervious to seepage of water from inside, a porous vapor diffuser fitting within the outer casing, and having a large surface area relative to its volume and a smaller volume than the casing to provide space for a substantial body of water within the casing and space for storage of products of the soil, and means for supporting the products substantially out of the path of water seeping under water pressure through the porous vapor diffuser.

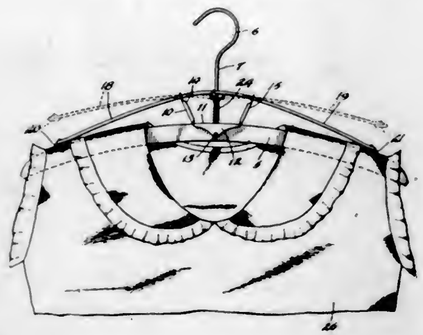
2,128,219

GARMENT HANGER

Rudolph Bernhardt, Chicago, Ill.

Application April 26, 1937, Serial No. 139,032

5 Claims. (Cl. 223—93)



1. A garment hanger comprising a wooden bar, a hook having a stem portion engaging with a hole in the bar and having projections adjacent to the top of the bar, a saddle fitting over the bar and engaging with said projections, means for fastening the saddle to the bar, clamping levers pivotally and slidably mounted in the saddle and having their inner ends slidably secured to the stem, and yielding means coacting with the inner ends of the levers for pressing the outer ends toward the bar.

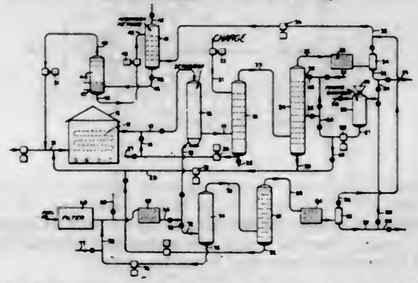
2,128,220

GAS CONVERSION

Horace B. Cooke, Clarendon, Va., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware

Application April 16, 1936, Serial No. 74,621

4 Claims. (Cl. 196—9)



1. A process for converting hydrocarbons which comprises subjecting hydrocarbon oil to elevated conditions of temperature and pressure to effect cracking thereof, separating the products of cracking into vaporous and liquid constituents, passing vaporous constituents thus obtained through a primary fractionating zone and a secondary fractionating zone, contacting said vapors in the primary fractionating zone with fresh charging oil, passing vapors uncondensed in said first fractionating zone in countercurrent contact with a slurry comprising liquid hydrocarbons and clay capable of polymerizing unsaturated constituents contained in said vapors in said second fractionating zone, passing condensate formed in said second fractionating zone in admixture with said clay to said cracking zone for further treatment therein, condensing vapors from said fractionating zone to form a final distillate product, separating said distillate product from normally gaseous hydrocarbons resulting from the cracking treatment, removing hydrogen and methane from said normally gaseous hydrocarbons, and returning gases remaining after the removal of said hydrogen and methane to said cracking zone for further treatment therein.

2,128,221

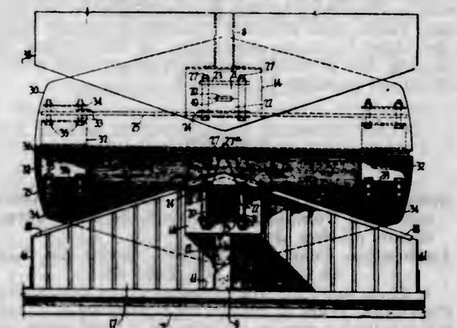
VEHICLE WALKWAY STRUCTURE

Albert G. Dean, Narberth, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application December 6, 1933, Serial No. 701,106

Renewed December 12, 1936

9 Claims. (Cl. 105—458)



9. A car walkway structure having in combination with an outwardly projecting threshold portion fixedly carried by an end of a car, a swing plate extending the threshold plate outwardly and movably secured with respect to the threshold plate and having a vertical bumper face adapted to cooperate with a corresponding face of a swing plate of an adjacent car, and means to support said swing plate and to yieldingly maintain its bumper face in contact with the face plate of an adjacent car regardless of angularity between the cars, said means including a transversely extending leaf spring arranged edgewise to the vertical and having a plurality of flexible attachments at its ends to said swing plate and a similar attachment intermediate its ends to the outwardly projecting threshold portion so that said swing plate has limited lateral and angular movement with respect to said threshold portion.

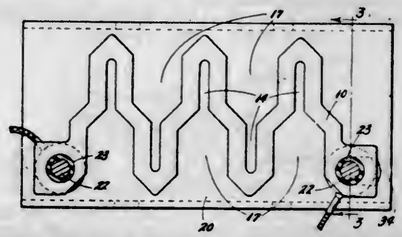
2,128,222

RESISTANCE GRID

Marvin A. Du Bois, Chicago, Ill., assignor, by mesne assignments, to The Post Glover Electric Company, Cincinnati, Ohio, a corporation of Ohio

Application December 2, 1935, Serial No. 52,531

6 Claims. (Cl. 201—69)



1. As a new article of manufacture a resistance grid comprising an integral sheet stamping having a pair of mounting lugs connected by an intermediate uniform strip forming a circuitous resistance path, said strip comprising a succession of parallel legged loops alternately extending in opposite directions from the longitudinal axis of the grid, the loops on each side of said axis being spaced apart by an opening greater than the combined width of the parallel legs of the intermediate loop on the opposite side of said axis, each leg of each loop being offset laterally from every other leg of the remaining loops, and each of said legs being longitudinally aligned with one of said openings.

2,128,223

FRACTIONAL SHORT-PATH DISTILLATION

Ronald George Juta Fraser, Aylmerton, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

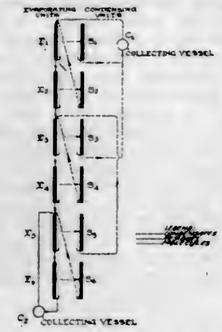
Application November 7, 1936, Serial No. 109,773

In Great Britain December 9, 1935

7 Claims. (Cl. 202—52)

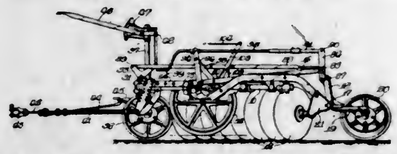
1. A process of fractional short-path high-vacuum distillation which comprises using an even number N of at least 4 short-path high-vacuum distillation units, and returning the condensates from the even numbered units (2, 4 . . . N) to the evaporating surfaces of the preceding odd numbered units (1, 3 . . . N—1) and returning the condensates from the odd numbered units except the first (3, 5 . . . N—1) to the evaporating surfaces of the preceding odd numbered units (1, 3 . . . N—3) while the resi-

dues are transferred in the reverse direction



from one unit to the next (1—2, 2—3 . . . N—1 to N).

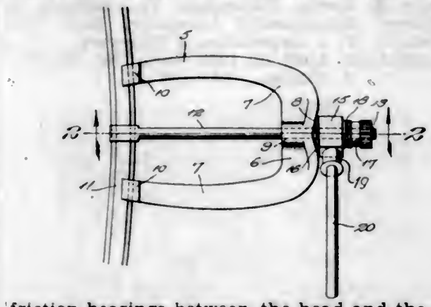
2,128,224
PLOW
Cameron H. Gemberling, South Bend, Ind., assignor to Oliver Farm Equipment Company, a corporation of Delaware
Application July 27, 1936, Serial No. 92,708
17 Claims. (Cl. 97—72)



1. A plow comprising a frame, earth working elements carried by said frame, a front furrow wheel supporting the front end of said frame, a rear furrow wheel supporting the rear end of said frame, an axle journaled in said frame, a land wheel secured to the outer end of said axle, a power lift means including a clutch mechanism carried by the inner end of said axle, a pinion adapted to be intermittently driven by said clutch mechanism, a crank shaft journaled on said frame, a gear secured to said crank shaft and meshing with said pinion, a connection between said crank shaft and said rear furrow wheel including a lever operatively related to said rear furrow wheel, a second connection pivoted at one end to an intermediate portion of said lever and connected at its other end to said front furrow wheel for raising and lowering said frame with respect to the ground, and means associated with the clutch mechanism for gradually lowering said frame in accordance with the forward motion of said plow.

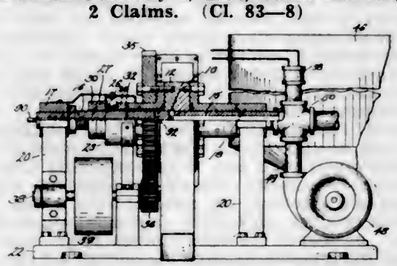
2,128,225
RAIL BENDER
Matt Allen, St. Charles, Va.
Application December 1, 1936, Serial No. 113,693
1 Claim. (Cl. 153—38)

A rail bender comprising a substantially horseshoe shaped frame forming spaced legs and a cross connecting web, the web being thickened medially thereof, a rod slidably fitted in the thickened portion of the web of said frame, hook-like jaws formed on the legs and said rod, respectively, a cam head rotatable on the rod outside of the web of the frame, the web being formed with a substantially V-shaped recess, a V-shaped cam face on said head next to the recess and engageable therein, a screw-moving nut engaged on the rod next to the head for holding the cam face in coacting relation to the recess, interposed anti-



friction bearings between the head and the said nut, and a handle receiving extension formed on and extending laterally from the head.

2,128,226
GRINDING MACHINE
Francis Clarke Atwood, Newton, Mass., assignor, by mesne assignments, to Atlantic Research Associates, Inc., a corporation of Delaware
Application February 1, 1932, Serial No. 590,017
2 Claims. (Cl. 83—8)

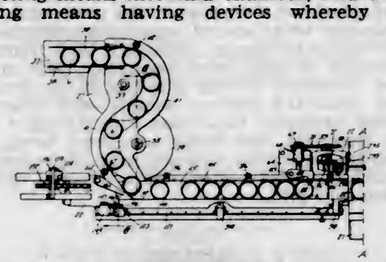


1. In a grinding machine, in combination, a pair of grinding members having cooperating faces capable of maintaining a fluid-tight joint when pressed together, means for relatively moving the grinding members, means exerting pressure upon the grinding members normally tending to press said faces tightly together, means for pressurally forcing a slurry between the faces of the grinding members while said faces are pressed together, and means responsive to the pressure upon the slurry controlling the means for moving the grinding members to prevent their operation until a predetermined pressure sufficient to separate said faces and provide a grinding gap has been established between said faces, said pressure responsive means being operative to cause operation of the means for moving the grinding members when said predetermined pressure is attained.

2,128,227
MACHINE FOR TREATING FILLED CONTAINERS
Neils P. Bach, Geneva, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application February 18, 1935, Serial No. 7,140
18 Claims. (Cl. 226—68)

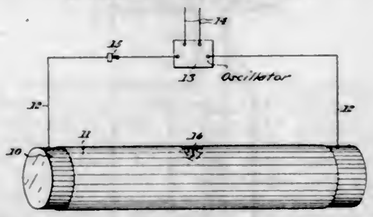
1. In a machine for treating filled containers, the combination of means for collecting said containers into a group containing a predetermined number, a chamber adapted to receive the group of containers for a treating operation, means

for transferring said container group from said collecting means into said chamber, said transferring means having devices whereby said



chamber is made air-tight after receiving said group of containers, and means operable by said collected containers for controlling the operation of said transferring means.

2,128,228
METHOD OF TESTING
Carl E. Betz and Foster B. Doane, Chicago, Ill., assignors to Magnaflux Corporation, Chicago, Ill., a corporation of Pennsylvania
Application June 8, 1936, Serial No. 84,176
15 Claims. (Cl. 175—183)



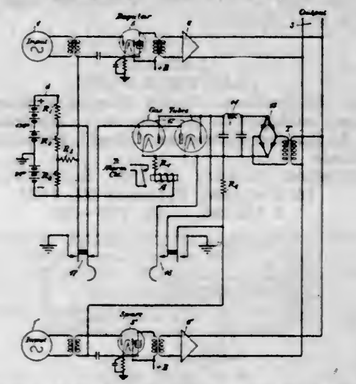
4. In a method of testing articles composed of electrically conducting material, the steps including surrounding the article with an electrolyte containing a color indicator, causing periodically varying current of relatively high frequency to traverse the article, and inspecting the article for change of color of said indicator caused by the passage of current through said electrolyte.

2,128,229
TREATMENT OF CELLULOSIC MATERIALS AND PRODUCTS RESULTING THEREFROM
William Hale Charch, Buffalo, N. Y., and Dorothy Bateman Maney, Old Hickory, Tenn., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 23, 1935, Serial No. 12,738
25 Claims. (Cl. 154—40)

1. In the process of manufacturing reinforced rubber articles such as rubber tires and the like, the steps which comprise treating cords, fabrics and the like, prepared from regenerated cellulose threads having a dry tenacity at room temperature of above 2 grams per denier and obtained from viscose, with an aqueous solution containing natural rubber latex together with resorcinol and formaldehyde which may be at least partially in the form of an initial condensation product, formaldehyde being present in an amount capable of forming an infusible, insoluble resin, and an alkaline catalyst, drying the cord, fabrics and the like so treated, plying the same with sheets of commercial compounded vulcanizable natural rubber, and then subjecting the mass to a vulcanizing temperature.

23. Rubber articles, such as rubber tires and the like, reinforced with cords, fabrics, and the like, prepared from regenerated cellulose threads having a dry tenacity at room temperature of above two grams per denier, said cords being adhered to the rubber in said articles by means of a composition comprising an infusible, insoluble phenol-aldehyde resin.

2,128,230
POWER TRANSFER CIRCUIT
Leslie R. Cox, Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 2, 1937, Serial No. 162,121
5 Claims. (Cl. 171—97)

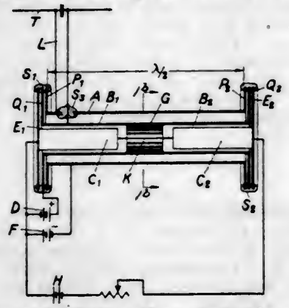


4. In combination, a regular source of electrical energy, an emergency source of electrical energy, a load circuit, an amplifying vacuum tube having a control electrode connected between each source and said load circuit, a resistance network, a source of electromotive force connected across said network, the control electrodes and the two amplifier tubes being connected to different points on said network such that normally operating bias is applied to the one of said tubes connected to the regular source so that energy therefrom is transmitted to said load circuit, and a blocking bias is applied to the other tube connected to the emergency source, a gas-filled control tube held unoperated in response to a normal flow of energy from said regular source to said load circuit and adapted to discharge in response to a reduction in the amount of flow below a certain value to change the potentials along said network so that an operating bias is applied to said other amplifier tube, allowing energy to be transmitted therethrough from said emergency source to said load circuit.

2,128,231
HIGH FREQUENCY OSCILLATOR TUBE
Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands
Application October 11, 1934, Serial No. 747,948
In Germany October 13, 1933
14 Claims. (Cl. 250—27.5)

2. An evacuated electron tube having two solid wall cylinders forming electrodes one within the other and spaced to form an oscillating chamber therebetween, a grid forming part of the inner

electrode, a cathode within said inner electrode, and means connecting each end of one electrode



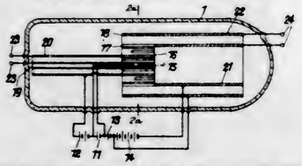
to a like end of the other electrode, said means sealing said chamber.

2,128,232

ELECTRON TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to the firm N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands

Application January 23, 1935, Serial No. 3,132
In Germany February 23, 1934
8 Claims. (Cl. 250—36)



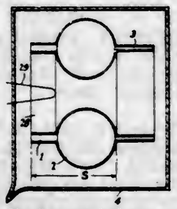
1. A high frequency arrangement comprising an electron tube having at least four electrodes, and including two grid electrodes within said tube, two oscillatory systems, each of said systems containing one of said grid electrodes and extending in a direction opposite to the other system, each two other of said electrodes being connected to one of said systems, each system being formed of at least two tubular conductors, one of which is within the other, said grids being continuations of the conductors belonging to said systems, and each grid section being spaced from and extending substantially coincidental with each other grid section.

2,128,233

ELECTRON TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands

Application March 1, 1935, Serial No. 8,938
In Germany March 1, 1934
9 Claims. (Cl. 250—27.5)



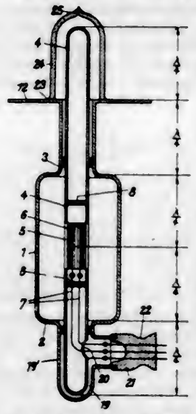
1. A vacuum discharge tube comprising two coaxial, axio-symmetrical metallic hollow members forming an outer conductor and an inner conductor, said members being spaced for part of their extent to form a resonator, the outer and inner conductors being spaced apart at another part of their extent to form a concentric high frequency conductor of slight wave resistance, part of said outer conductor having a substantially continuously unbroken surface sealing said resonator against radiation losses and constituting a solid wall electrode, said inner conductor being provided with openings adjacent said resonator and serving partly as a grid, and a co-axial cathode within said grid.

2,128,234

ELECTRON TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands

Application May 6, 1935, Serial No. 20,089
In Germany May 7, 1934
14 Claims. (Cl. 250—27.5)



1. An electron tube comprising, a hollow member electrically conductive on its inner surface, an inner member electrically conductive on its outer surface within said hollow member, a portion of said hollow member forming a solid-wall electrode, a portion of the inner member having openings therein, a cathode within said last named portion of the inner member, said hollow member and inner member constituting boundaries of an oscillator having a length which is a multiple of one fourth of the desired wave length, and means closing said oscillator radiation tight.

2,128,235

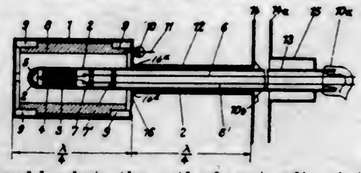
VACUUM DISCHARGE TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands

Application October 5, 1935, Serial No. 43,788
In Germany October 11, 1934
10 Claims. (Cl. 250—27.5)

1. A vacuum discharge tube comprising an evacuated, hermetically sealed, cup-shaped, hollow body electrically conductive all around its inner surface, an imperforate shell intermediate electrode in the evacuated hollow body, insulating members supporting the intermediate electrode in the hollow body, a lead to said intermediate electrode passing through the hollow body

and insulated therefrom, a cathode within the



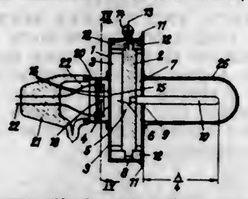
body and leads to the cathode extending into the interior of the body.

2,128,236

VACUUM DISCHARGE TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands

Application October 16, 1935, Serial No. 45,331
In Germany October 19, 1934
11 Claims. (Cl. 250—27.5)



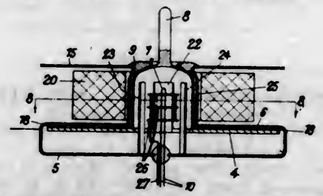
1. A vacuum discharge tube, comprising an evacuated casing electrically conductive on its inner surface, a body within said casing, said body being electrically conductive on its outer surface, insulators supporting said body in said casing and insulating it therefrom, said casing and said body forming a hollow chamber substantially entirely surrounded by metallic surfaces, the said metallic surfaces defining said hollow chamber forming a resonator, a lead to said body extending through said casing and insulated therefrom, the wall parts of said casing and of the enclosed body facing each other to form a flat plate condenser and constituting electrodes, and a cathode adjacent said casing and chamber.

2,128,237

VACUUM DISCHARGE TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to Julius Pintsch Kommanditgesellschaft

Application December 23, 1935, Serial No. 55,885
In Germany December 24, 1934
19 Claims. (Cl. 250—27.5)



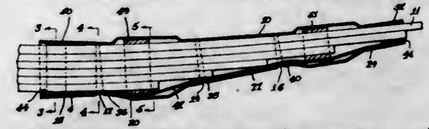
1. A vacuum discharge tube comprising a plate condenser composed of a first condenser plate and a second condenser plate, a conductor adjacent the outer side of said first condenser plate and conductively connected with the edge of said second condenser plate, and electrodes disposed substantially perpendicular to said condenser plates, said second condenser plate and said conductor forming walls of a hollow body, said walls sealing said tube against radiation losses.

2,128,238

SPRING COVER AND METHOD OF APPLYING SAME

Warren F. Eisenhauer, Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich., a corporation of Michigan

Application February 12, 1936, Serial No. 63,607
10 Claims. (Cl. 267—37)



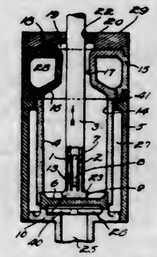
1. In combination, a one-piece spring casing comprising a plurality of relatively movable sections comprised of a bottom and two sides and adapted to extend about three sides of a spring, a cover for the fourth side integrally connected to the sections, interlocking means on said sections and cover to secure said casing in position on a spring, a one-piece liner permanently secured within said casing to the bottom and two sides only by means punched from the bottom and two sides of said casing, and sealing means at the ends of the fourth side of said casing.

2,128,239

PROCESS OF MOLDING PLASTIC MATERIALS

Enoch T. Ferngren, Toledo, Ohio, assignor, by mesne assignments, to Plax Corporation, Hartford, Conn., a corporation of Delaware

Application February 25, 1933, Serial No. 658,486
26 Claims. (Cl. 18—55)



1. The process of making blown hollow articles from organic plastic materials which are expansible by blowing and thereafter capable of being rigidified, which comprises relatively moving an extrusion orifice and a mold cavity to bring the orifice into and toward a position adjacent to the bottom of the mold cavity and thereafter away from said bottom, causing a pressure-actuated extrusion of plastic material from said orifice during the aforesaid relative movement, simultaneously directing fluid under pressure through a second orifice within the first named orifice and into the interior of the plastic material to expand it, supporting the forward portion of said material on the bottom portion of said mold cavity as it is being expanded, and supporting the subsequently extruded portions of said material on the side walls of said mold cavity.

2,128,240

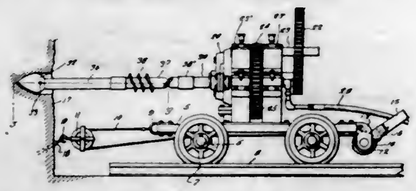
DRILL

Robert Foster, Bradley, Ohio

Application August 21, 1936, Serial No. 97,266
2 Claims. (Cl. 255—20)

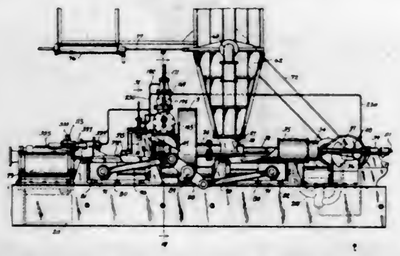
1. In a drilling machine, a platform, axles supported from the underside of the platform,

wheels carried by the axles, a trackway for the wheels, drilling means mounted upon the platform, a drum rotatably mounted under the rear end of the platform, a ratchet wheel carried by the drum, an oscillatory hand bar supported for rocking movement from the rear end of the platform and provided with a pawl for engagement with the said ratchet wheel, a cable having one



end attached to the front end of the platform, a block over which the cable extends and anchoring means for the block adapted to be placed in advance of the platform, said cable extending rearwardly from the block and between the axles and the bottom of the platform and having its opposite end wound on the drum, and a dog normally engaging the ratchet wheel.

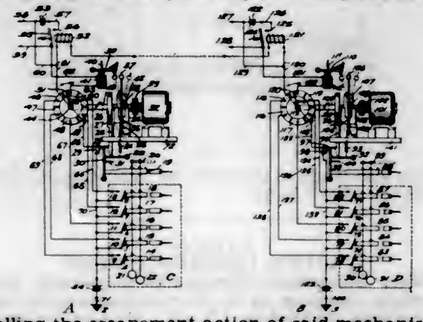
2,128,241
BRIQUETTE PRESS
Worth C. Goss, Seattle, Wash., assignor to Carlisle Lumber Company, Onalaska, Wash.
Application January 4, 1936, Serial No. 57,546
15 Claims. (Cl. 25—12)



1. In a press for fuel briquettes, a vacuumized die, open at its opposite ends, means for charging the die with a finely divided material packed thereinto under air displacing compression, rams arranged to enter the die from its opposite ends, and means for simultaneously actuating the said rams to compress the material into unity by sudden impact.

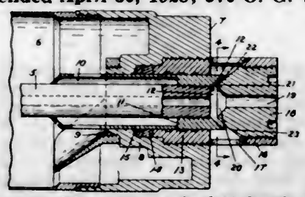
2,128,242
PRINTING TELEGRAPH SYSTEM
George A. Graham and Harry W. Parmer, Long Branch, N. J.
Application May 16, 1934, Serial No. 725,968
25 Claims. (Cl. 178—53.1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a printing telegraph system, comprising a plurality of stations each of which is provided with transmitting and receiving means; means for maintaining the processes of reception in exact unison with the processes of transmission, comprising a mechanism for the simultaneous escapement of said transmitting and receiving means; and a constant frequency device including a vibrating reed for positively actuating and con-



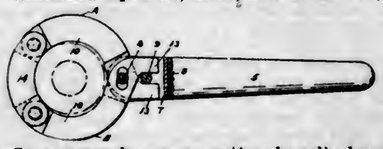
trolling the escapement action of said mechanism and independently of external timing devices.

2,128,243
RECOIL CHECK AND BARREL ACCELERATOR FOR A MACHINE GUN
Samuel G. Green, Gray, Ga.
Application August 23, 1937, Serial No. 160,465
3 Claims. (Cl. 89—14)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



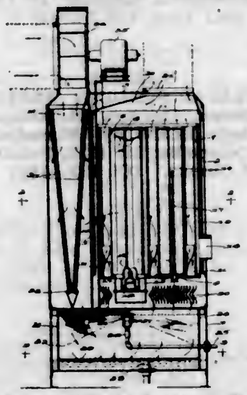
1. In a machine gun, a jacket having a front end cap with a bearing, a gun barrel mounted for reciprocation in the jacket and normally having its muzzle within the end cap, a sleeve on the barrel and supported in the bearing, the end of the sleeve projecting beyond the end cap and having a beveled face forming a flared mouth, a gland threaded in the cap and supporting the sleeve, a tubular extension on the gland spaced from the sleeve and having a plurality of ports in its inner end, a baffle fixed in the outer end of the extension and having a conical inner end disposed within the flared mouth of the sleeve and spaced from the front of the barrel and the beveled face of the sleeve to provide a normally restricted gas passage, said baffle having a bullet passage with a flared entrance for reflecting gases onto the barrel.

2,128,244
WRENCH
Samuel G. Green, Gray, Ga., and Robert J. Lennon, East Moline, Ill.
Application September 20, 1937, Serial No. 164,749
2 Claims. (Cl. 81—66)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



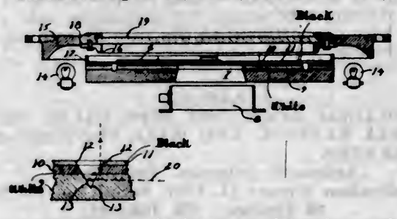
1. In a wrench, an operating handle having a front end face and spaced cheeks, a coupling pin and a cam pin fixed in the cheeks and disposed along the center line of the handle, a pair of similar hingedly connected jaws, each consisting of an arcuate arm having a reduced portion with a slot for the coupling pin and extended to form an off-set arm, the jaws arranged with their reduced portions crossed between the cheeks and their offset arms on opposite sides of the cam pin, the ends of said offset arms normally spaced from the front end face of the handle when the jaws are open, said offset arms selectively engageable by the cam pin and selectively engageable with the face of the handle when the handle is moved relatively to the jaws to close the jaws.

2,128,245
COMBINED AIR CONDITIONER AND FURNACE
William Louis Hager, Ogden, Utah
Application May 11, 1934, Serial No. 725,213
4 Claims. (Cl. 261—104)



1. In an air-conditioner having a humidifying-chamber adapted to contain a body of water therein, means for spraying water in said chamber, and a flat floating-pad on the surface of the body of water beneath said spraying means and having perforations distributed substantially over the entire surface thereof.

2,128,246
INDICATING DEVICE
George K. C. Hardesty, Seat Pleasant, Md.
Application August 31, 1937, Serial No. 161,809
8 Claims. (Cl. 40—130)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An indicating device comprising in combination a plurality of superposed laminations, the upper and lower laminations being respectively impervious and pervious to radiant energy and the intermediate lamination being of a contrasting color with respect to the upper lamination, the said superposed laminations being provided with at least one incised indicium which extends through the upper and intermediate laminations into the lower lamination, and means operable to project radiant energy inwardly from the edge of at least the lower lamination for irradiating the aforesaid indicium.

2,128,247
PROCESS OF TREATING CASHEW NUT SHELL LIQUID
Mortimer T. Harvey, East Orange, and Frederick M. Damitz, Irvington, N. J., assignors, by direct and mesne assignments, to The Harvel Corporation, a corporation of New Jersey
No Drawing. Application March 7, 1934, Serial No. 714,448
5 Claims. (Cl. 260—424)

1. The method of treating cashew nut shell liquid to remove the natural sulphide sulphur combination therein which comprises reacting with an acid in an amount equivalent to about 1% to 5% of the volume of the cashew nut shell liquid in concentrated sulphuric acid, in the presence of sufficient water to prevent oxidation of the cashew nut shell liquid by the sulphuric acid, and heating to drive off the water, to bring about reaction of the sulphuric acid with the sulphide content and to form and drive off hydrogen sulphide, and to bring about a polymerizing reaction on the cashew nut shell liquid.

2,128,248
CIGARETTE ROLLER
Ernest Hey, Orlando, Fla.
Application October 20, 1936, Serial No. 106,656
1 Claim. (Cl. 131—5)

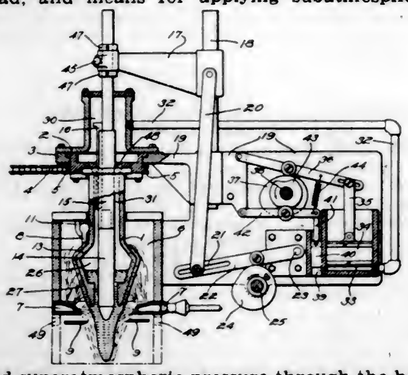


A cigarette making device comprising an outer tubular member having a cutaway portion providing to said outer member a semicylindrical portion and cylindrical end portions, an inner cylindrical member rotatably and slidably mounted in one of the cylindrical end portions and removable therefrom, spaced bendable strips formed on the inner cylindrical member and operating in the semicylindrical portion of the outer member and one of said strips having an enlarged end bent at right angles thereto, the ends of the other strips bent at right angles to engage with the enlarged end, and tongues formed on the inner cylindrical member between the strips and bent angularly thereto, said tongues and bent ends of the strips forming end stops.

2,128,249
APPARATUS FOR AND METHOD OF FEEDING MOLTEN GLASS
William T. Honiss, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware
Application December 30, 1935, Serial No. 56,606
32 Claims. (Cl. 49—55)

15. The combination in glass feeding apparatus, of a gathering head having an external contour substantially concentric with a vertical axis, means for flowing a stream of glass of regulated size from a supply body thereof to the head, means for winding the stream around the head in a succession of substantially horizontal superposed coils, means for fusing the coils to-

gether in the form of a tube as they settle vertically by gravity on and below the gathering head, and means for applying subatmospheric



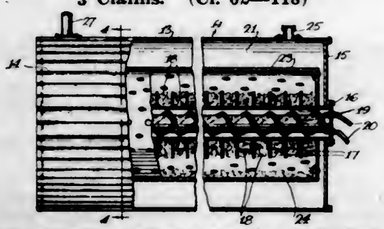
and superatmospheric pressure through the head to the tube to successively form its lower portion into mold charges.

2,128,250
WARNING DEVICE
Clinton W. Howard, Washington, D. C., and Harold L. Carpenter, Dayton, Ohio
Application December 19, 1935, Serial No. 55,233
4 Claims. (Cl. 177—324)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



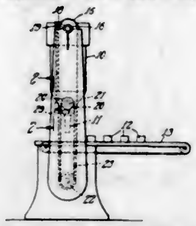
4. As a signal to the operator of an automotive vehicle, an auxiliary foot tread depending from hinged attachment at the top of a brake pedal and an electric solenoid including a current flow interrupter and an armature all fixed to the back face of said brake pedal such that current flow to said interrupter will cause the armature of said solenoid to intermittently drive said auxiliary foot tread against the sole of said operator's foot as a warning.

2,128,251
REFRIGERATING APPARATUS
Carl Jaeger and Bertha Jaeger, Houston, Tex.
Application December 11, 1936, Serial No. 115,414
3 Claims. (Cl. 62—118)



3. In a refrigerating apparatus including condenser means, receiver means in communication with said condenser means, and evaporator means in communication with said receiver means; the combination with said means of a generator-absorber comprising a chamber in communication with said condenser means for containing a refrigerating fluid, said chamber having a corrugated outer wall for increasing the rate of heat dissipation, a perforated receptacle disposed within said chamber and in free communication therewith containing a dry absorption medium consisting of strontium-chloride and lithiumnitrate as a binder, means for heating said dry absorption medium for time intervals of predetermined duration to vaporize the refrigerating fluid absorbed thereby and to cause the same to pass through said condenser means to said receiver and thence to said evaporator means, the dry absorption medium being adapted between the heating intervals, to absorb condensed refrigerating fluid, thus causing a reduction of the pressure within said evaporator means and an accompanied reduction of the temperature thereof, and a porous metallic substance previous to the passage of gas, surrounding said heating means and in intimate contact with said absorption medium to increase the transfer of heat from the former to the latter.

2,128,252
MATERIAL FEEDING MACHINE
John E. Johnson, Chicago, Ill., assignor to William Ayer McKinney, Winnetka, Ill.
Application November 29, 1935, Serial No. 52,112
6 Claims. (Cl. 221—103)

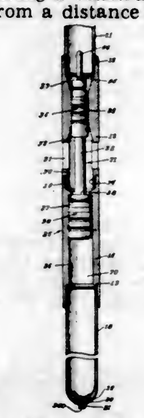


1. In apparatus for delivering predetermined weights of granular materials and the like, feed adjusting mechanism comprising in combination a supply hopper, a rotary screw for delivering material from said hopper at a rate proportional to the rate of rotation of said screw, mechanism for rotating said screw including a clutch for connecting and disconnecting said mechanism and said screw, a clutch operating rod, a swinging cam adapted periodically to depress said rod to engage said clutch, said cam having an elongated cam surface for holding said clutch engaged, and means for varying the separation of said cam and rod while the apparatus is in operation to vary the period during which said clutch is held engaged, and means operated by said driving mechanism for oscillating said cam at a rate proportional to the rate of rotation of said screw.

2,128,253
HYDRAULIC LOCK DRY PIPE VALVE WITH WELL TESTING AND WELL FLOWING APPARATUS
Arthur E. Johnson, Taft, Calif.
Application August 31, 1937, Serial No. 161,792
20 Claims. (Cl. 166—1)

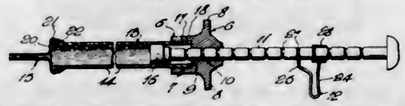
1. In a well tool, a hollow structure having a chamber for a first fluid, a movable valve structure and a sealing means, a structure having a communication with the well formation whereby pressure of a second fluid may be exerted on the valve, the sealing means and the said valve locking the first fluid in the chamber and thereby

restraining the valve from movement, the said sealing means having a construction for unsealing or opening from a distance remote from the



valve, means for bleeding the locked fluid from the chamber due to a differential pressure on the valve between the pressure in the chamber and the pressure in the formation and means operative after discharge of a substantially predetermined amount of the hydraulic fluid flowing the second fluid from the well formation.

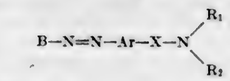
2,128,254
LIQUID EJECTING DEVICE
Clifford S. Kile, Hutchinson, Kans.
Application June 2, 1937, Serial No. 146,055
5 Claims. (Cl. 221—102)



1. In an ejecting device having a rearwardly projecting plunger rod to be forwardly pushed by means of the thumb, said rod having longitudinally spaced recesses, a collar slideable and tiltable on said rod and having a rigidly attached laterally projecting thumb-piece, and a detent rigidly connected with said collar to engage any of said recesses, said detent and thumb-piece being so related that a forward push on said thumb-piece, tilting said collar in one direction, will hold said detent engaged with the selected recess, the detent being disengageable from the recess by tilting said collar in the other direction.

2,128,255
AZO DYESTUFFS
Hans Krzikalla and Hanns Ufer, Ludwigshafen-on-the-Rhine, and Bernd Eistert, Mannheim, and Gustav Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application December 18, 1935, Serial No. 55,040. In Germany December 22, 1934
8 Claims. (Cl. 260—92)

1. Azo dyestuffs corresponding to the general formula



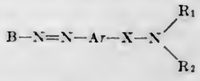
wherein Ar stands for an aromatic radical, the group



stands for a basic radical selected from the group consisting of —NH_2, primary and secondary alkyl, hydroxyalkyl, aralkyl and cycloalkyl amino groups and the radicals of hydrogenated heterocyclic nitrogen compounds including the N-atom, X stands for a chain containing carbon atoms, which is free from a basic action, and B stands for the radicle of an organic compound derived from the class consisting of aromatic compound and heterocyclic nitrogen compounds, and in which at least one of the radicles marked B and Ar contains a sulphonic acid group.

2,128,256
AZO DYESTUFFS
Hans Krzikalla and Hanns Ufer, Ludwigshafen-on-the-Rhine, and Bernd Eistert, Mannheim, and Gustav Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Original application December 18, 1935, Serial No. 55,040. Divided and this application July 16, 1936, Serial No. 90,944. In Germany December 22, 1934
7 Claims. (Cl. 260—200)

1. Azo dyestuffs corresponding to the general formula



wherein Ar stands for an aromatic radical, the group

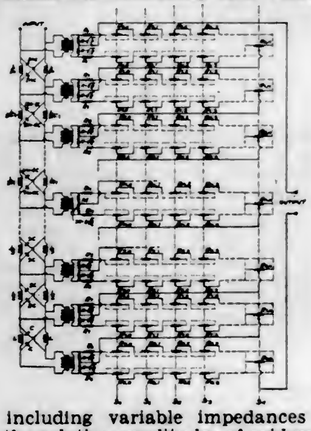


stands for a basic radical selected from the group consisting of —NH_2, primary and secondary alkyl, hydroxyalkyl, aralkyl and cycloalkyl amino groups and the radicals of hydrogenated heterocyclic nitrogen compounds including the N atom, X stands for a chain containing carbon atoms, which is free from a basic action, and, B stands for the radicle of an aromatic azo compound, and in which at least one of the radicles marked Ar and B contains a sulphonic acid group.

2,128,257
ELECTRICAL NETWORK SYSTEM
Yuk-Wing Lee and Norbert Wiener, Peiping, China, assignors to American Telephone and Telegraph Company, a corporation of New York
Application July 7, 1936, Serial No. 89,336
17 Claims. (Cl. 178—44)

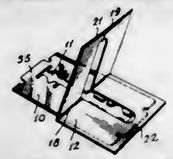
1. An electrical network system with adjustable amplitude-frequency characteristic, and with phase-frequency characteristic independent of adjustment, said system comprising means for progressively shifting the phase of an input signal, a plurality of pairs of electrical paths for withdrawing therefrom voltages differing in

phase, means for combining said voltages, and



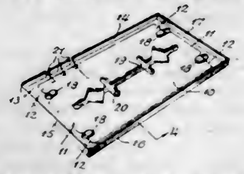
means including variable impedances for adjusting the relative amplitudes of said voltages.

2,128,258
RAZOR BLADE SUPPORT
Georges Monnet, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada., a corporation of Quebec, Canada
Application April 1, 1936, Serial No. 72,068
10 Claims. (Cl. 206—46)



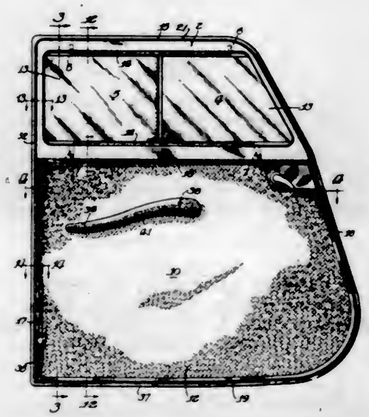
1. Blade supporting means, comprising a single support for a single razor blade, said support being in the form of a sheet of firm but bendable material, at least two opposite edges of the support extending at sufficient distance beyond the confines of the corresponding edges of the blade to be supported to permit grasping and bending of the support without contacting the blade, and readily releasable means carried by said support to detachably secure said blade upon the support, said means being located in spaced relation with respect to the apex of bend of the support, so that upon bending of the support the blade will be released.

2,128,259
BLADE SUPPORTING MEANS
Georges Monnet, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada, a corporation of Quebec, Canada
Application September 4, 1936, Serial No. 99,382
5 Claims. (Cl. 206—16)



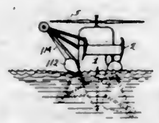
1. Blade supporting means, comprising a single support for a single razor blade, said support being in the form of a shallow tray of firm but bendable material, the edges of the tray extending at sufficient distance beyond the confines of the corresponding edges of the blade to be supported to permit grasping and bending of the tray without contacting the blade, and readily releasable means carried by said tray to detachably secure said blade upon the tray, said means being located in spaced relation with respect to the apex of bend of the tray, so that upon bending of the tray the blade will be released.

2,128,260
DOOR FOR AUTOMOBILES
Willard L. Morrison, Chicago, Ill.
Application June 30, 1933, Serial No. 678,399
6 Claims. (Cl. 296—44)



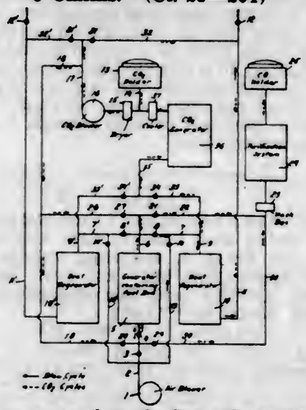
1. A door for automobiles comprising an outer wall, a window in said wall, said outer wall made of two sections, each having a window opening therein, the part of the inner section below the window being outside of the vertical plane through the window, a part of said section at the window being bent inwardly and extending across under the window to the other side thereof, the sections being placed together and attached one to the other to form the door structure.

2,128,261
FLYING MACHINE
George Francis Myers, New York, N. Y.
Application January 9, 1933, Serial No. 650,899
Renewed July 27, 1936
15 Claims. (Cl. 244—107)



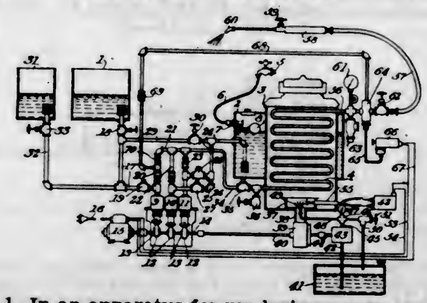
1. The combination in a flying machine, of a fuselage, a compartment in the fuselage, a balloon like emergency float secreted in the compartment having one end fastened adjacent thereto and one free end, and a cord attached to the free end of the float and fastened to a portion of the machine other than the fuselage.

2,128,262
CARBON MONOXIDE MANUFACTURE
Louis L. Newman, Brooklyn, N. Y., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application September 5, 1935, Serial No. 39,248
6 Claims. (Cl. 23—204)



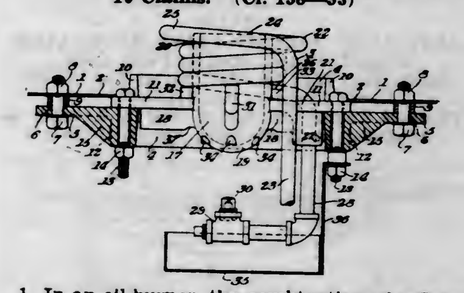
4. The process of producing substantially pure carbon monoxide comprising subjecting a portion of a body of coke to partial oxidation in one zone by blasting the same with an oxidizing gas to produce a combustible gas and to heat the unoxidized portion of said coke to incandescence, burning said combustible gas in another zone, utilizing the heat developed by said burning of the combustible gas to raise the temperature of said second zone substantially to 2000° F., passing carbon dioxide through said second zone to heat said carbon dioxide to a temperature substantially above the decomposition temperature of calcium carbonate, passing the thus heated carbon dioxide through a body of calcium carbonate whereby additional carbon dioxide is formed, cooling the thus produced carbon dioxide, passing said cooled carbon dioxide in contact with a drying agent to remove water therefrom, and passing the thus purified carbon dioxide through said incandescent body of coke to reduce said carbon dioxide to carbon monoxide.

2,128,263
PROCESS AND APPARATUS FOR HEAT GENERATION OF SPRAY
Frank W. Ofeldt, McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa., a corporation of Pennsylvania
Application August 15, 1935, Serial No. 36,290
16 Claims. (Cl. 299—84)



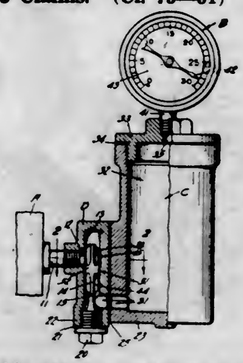
1. In an apparatus for producing a spray composed of a mixture of a liquid, and a vapor of a liquid, the combination of a plurality of tanks for storing liquids, a heating coil, positive displacement means for supplying a plurality of liquids to the coil from said tanks in predetermined amounts, and other positive displacement means for supplying fuel to said coil for heating said liquids, said fuel supply means being constructed to supply fuel at a rate so correlated with the rate of supplying said liquids as to produce a predetermined ratio between the elements of the mixture.

2,128,264
BURNER
Frank W. Ofeldt, McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa., a corporation of Pennsylvania
Application July 18, 1936, Serial No. 91,405
10 Claims. (Cl. 158—53)



1. In an oil burner, the combination of a flame guiding ring, a deflector positioned concentrically within said ring and having an under arcuate surface, means for supporting said deflector from said ring and for positioning the lowermost portion of the arcuate surface of the deflector slightly below the lower perimetral edge of said ring, a preheating fuel coil mounted on said deflector in spaced relation with the inner wall of said ring, a burner positioned in spaced relation beneath said deflector and connected to said coil, and means on the under arcuate surface of the deflector disposed above the lower perimetral edge of said ring for timing the initial flame combustion of the fuel issuing from the burner.

2,128,265
PRESSURE GAUGE DEVICE
William Peehy, Elizabeth, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application August 17, 1935, Serial No. 36,737
5 Claims. (Cl. 73—31)



1. In a fluid pressure measuring device for a chamber having fluid pressure fluctuation, the

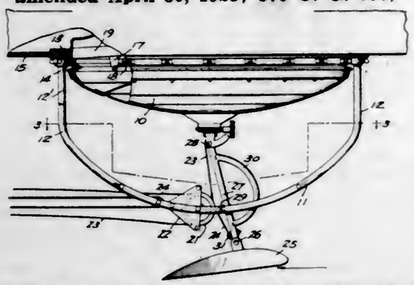
combination of a gauge for measuring fluid pressure in said chamber, and a check valve interposed between the chamber and said gauge for restricting the flow of fluid therebetween, said check valve comprising a member having a longitudinally extending bore and a shuttle member movably mounted therein, said first member having a transverse passage in communication with said bore intermediate its ends, said shuttle member having grooves over one end portion thereof to reduce its effective diameter at the grooved portion and movable to alternate positions in said bore, the non-grooved portion of said shuttle member retarding flow of fluid through the bore in one position of said member and the grooved portion of said member augmenting the flow of fluid through said bore when the member is in alternate position and the grooves in registration with said transverse passage.

2,128,266

AUTOMATIC AIRSHIP VALVE REGULATOR

Ralph E. Quinn, Moffett Field, Calif.

Application May 18, 1937, Serial No. 143,323
16 Claims. (Cl. 244—99)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



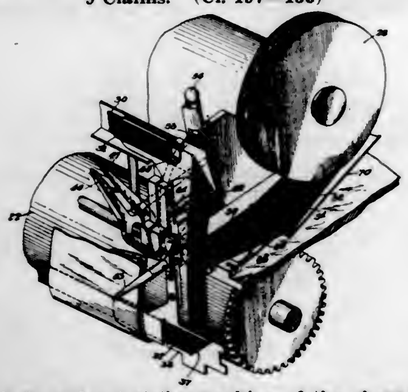
2. In a valve construction, a valve subject to the suction action of fluid flow across one face thereof and capable of being unseated by such action and means tending to hold the said valve in a closed position, including a body exposed to the said fluid flow and designed to obtain reaction from the relative motion of the fluid with respect to the body to apply a closing force to the valve.

2,128,267

MANIFOLDING RIBBON SUPPORT

Guido M. Sacerdote, Bayside, N. Y.

Application September 6, 1934, Serial No. 742,971
9 Claims. (Cl. 197—153)



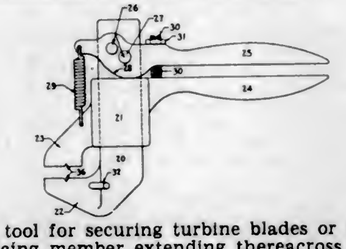
9. In a front strike machine of the character described, a platen, a plurality of copy ribbons, rotatably mounted reels therefor, an individual ribbon guiding frame for each ribbon, each frame having means for guiding said ribbon to extend in front of the writing line across said platen from one end to the other, each frame being swingable to move its respective ribbon from its operative position in front of said platen, to a position entirely detached therefrom, so as to facilitate insertion of said ribbon between copy sheets, and its removal therefrom, said frames being mounted on a common pivotal support, and means for selectively setting said frames at various operative positions, so as to cause different longitudinal portions of said ribbons to register with the printing line.

2,128,268

MEANS FOR SECURING TURBINE BLADES

Lisle F. Small and Paul F. Lee, United States Navy, and Arvah A. Jennings, Vallejo, Calif.

Original application May 14, 1931, Serial No. 537,380. Divided and this application March 12, 1934, Serial No. 715,094
2 Claims. (Cl. 81—15)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



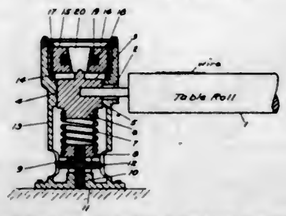
1. A tool for securing turbine blades or vanes to a lacing member extending thereacross comprising two pairs of jaws, each of a width adapted to enter between turbine blades, the jaws of each pair having opposing surfaces, there being a space intermediate the jaws of each pair adapted to receive a turbine blade, means whereby said jaws may be operated in unison to simultaneously move relatively toward each other to deform therebetween said turbine lacing member, and means associated with at least some of said jaws for definitely positioning the jaws in definite relation to the turbine blades.

2,128,269

MEANS AND METHOD OF VIBRATING THE WIRE OF A PAPER-MAKING MACHINE

Edward W. Smith, Melrose, Mass., assignor to Submarine Signal Company, Boston, Mass., a corporation of Maine

Application September 16, 1935, Serial No. 40,691
9 Claims. (Cl. 92—45)



1. In combination with a paper machine having a moving wire and a roll supporting the same, means for vibrating said roll vertically comprising a framework, a bearing element carrying

the shaft of said roll positioned to move freely vertically in said frame, means supporting said bearing support comprising a helical spring and means supporting said helical spring in the base of said casing.

2,128,270

LIGHTING DEVICE

Hans J. Spanner, Berlin, Germany, and Ulrich Doering, New York, N. Y., assignors, by mesne assignments, to said Hans J. Spanner

Application March 30, 1929, Serial No. 351,368
In Germany April 30, 1928
13 Claims. (Cl. 176—122)



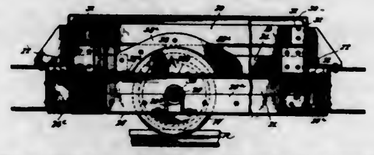
1. A radiant electrical discharge device which comprises an envelope permeable to at least a part of the radiation from the discharge, an ionizable filling adapted to carry said discharge, a plurality of electrodes permanently spaced apart therein at least one of which serves as a cathode and has an activating mass comprising free metal of the electropositive group Ba, Sr, Ca, Cs, Rb and a refractory insulating material.

2,128,271

TRANSVERSE CANTILEVER CONSTRUCTION FOR MINE OR SIMILAR RAIL CARS

Hugh W. Sanford, Knoxville, Tenn.

Application August 6, 1932, Serial No. 627,769
3 Claims. (Cl. 105—364)



1. In a mine or similar rail car, the combination of car wheels and car axles therefor, a lading body including side and end closure walls, longitudinal side sills extending substantially from end to end of the lading body and having portions which are intersected by the horizontal plane of the axes of the car wheels, a bumper structure rigidly secured with respect to said sills and including a transverse vertical wall spaced from the adjacent end closure wall, and a transverse beam including a vertical wall and a horizontal flange, said transverse beam vertical wall extending above the upper limit of the bumper and forming a part of the end closure wall, and said horizontal flange engaging said bumper transverse vertical wall and reinforcing it against bumping stresses.

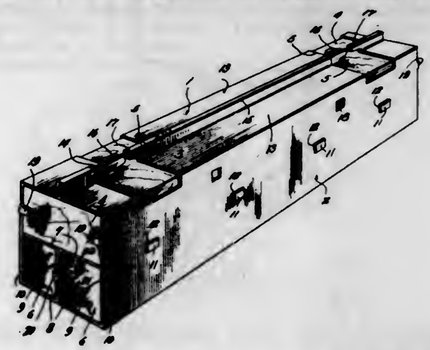
2,128,272

RAILROAD TIE

Roy G. Stackhouse, Birmingham, Ala.

Application February 18, 1937, Serial No. 126,467
7 Claims. (Cl. 238—55)

2. A railroad tie comprising a body having a base portion formed of tubular members in side by side engagement with each other and a chamber above the base portion extending the full width of the body, the upper wall of the body being formed with openings extending downwardly into side walls of the body, blocks fitting snugly in the upper chamber and having portions exposed through the openings in the upper wall of the body for engagement by bases of rails, and



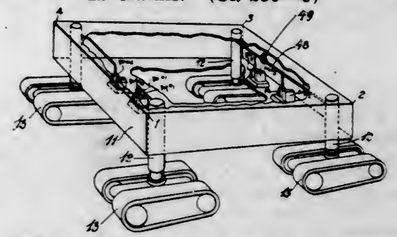
means carried by said body for securing rails firmly upon the exposed portions of said block.

2,128,273

LEVELING DEVICE

Paul S. Stevens, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware

Application October 16, 1936, Serial No. 105,888
12 Claims. (Cl. 280—6)



1. In combination: a base; four ground-engaging units; four jacks, one connected to and supported by each ground-engaging unit, and connected to and supporting the base; means to expand each jack; means to release each jack, so as to permit it to contract; electric controls for the expanding and releasing of the jacks; two level-responsive switch devices, each responsive to the difference in level of a pair of opposite corners of the base; each switch device being so coupled with the electric controls that a difference in level of a pair of opposite corners of the base will expand the jack at the lower of these two corners, and will release the jack at the higher of the two corners; and, with respect to each corner, means associated with that corner, whereby maximum expansion of the jack at that corner will first lower the base by releasing the jack at one of the corners adjacent to the given corner, and then will put an end to the expansion of the jack at the given corner.

2,128,274

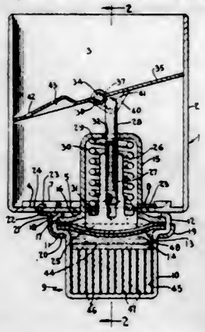
CONTROL DEVICE AND ACTUATING MEANS THEREFOR

Sergius Vernet, Yellow Springs, Ohio, assignor to Vernay Patents Company, Yellow Springs, Ohio, a corporation of Delaware

Application December 19, 1935, Serial No. 55,227
15 Claims. (Cl. 297—3)

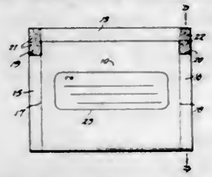
1. A thermostatic element comprising a

rubber-like substance and a crystalline material



expansible on fusion dispersed through said substance.

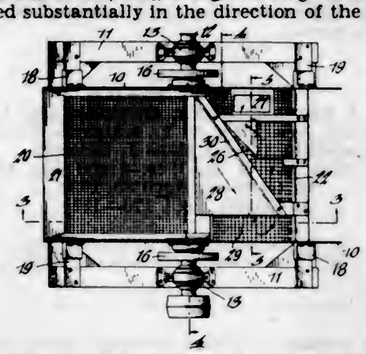
2,128,275
COMBINED LETTER SHEET AND ENVELOPE
Max Vogel, Frankfort-on-the-Main, Germany
Application March 18, 1936, Serial No. 69,463
8 Claims. (Cl. 229—92.7)



8. A combined letter sheet and envelope comprising a sheet of material of rectangular form having a plurality of sections foldable along predetermined lines of folding transversely of the sheet into superimposed relation, one of said sections constituting a back section and another constituting a front section, a closing flap forming an extension of said back section and also foldable along a predetermined line of folding transversely of the sheet into superimposed relation with said back section, a pair of separable marginal strip portions extending along the parallel longitudinal sides of said sections and said closing flap, the strip portions at the sides of said front section having cut-out means adapted to expose areas of the strip portions at the sides of said back portion to engagement of the strip portions at the sides of said flap portion when said flap portion is folded, whereby said flap may be sealed to said back section by a sealing substance between them.

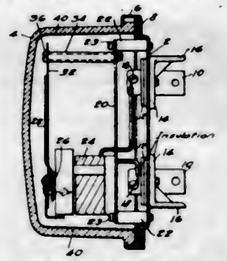
2,128,276
COMBINATION SCREENING AND SCRUBBING APPARATUS
William L. Wettlaufer, Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio, a corporation of Ohio
Application August 1, 1934, Serial No. 737,937
3 Claims. (Cl. 209—12)

1. A machine of the character described, comprising a gyrating body, means for gyrating said body in substantially circular paths lying in planes at substantially right angles to the axis of the gyrating means, a screening element mounted on said body for receiving the material to be treated, and a substantially trough-shaped scrubbing deck mounted on said body in juxtaposition to one end of the screening element with its bottom below the plane of the latter and its open top in communicating relation with said end of the screening element to receive the plus material therefrom, said trough having its bottom curved substantially in the direction of the paths



of motion of the gyrating body to transmit to the material discharged therein a tumbling-like action and having a discharge at one end for the non-screenable matter contained in the material.

2,128,277
DETACHABLE MOUNTING FOR INSTRUMENTS
Douglass A. Young, East Orange, and Paul MacGahan, Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 20, 1937, Serial No. 132,078
6 Claims. (Cl. 171—95)

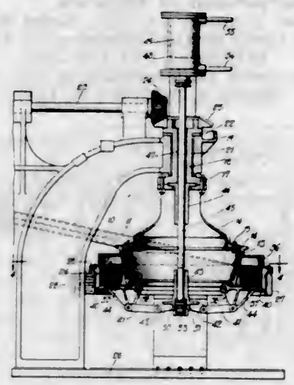


1. In an instrument mounting, a substantially circular base having contact blades projecting from one side thereof and terminals for said blades accessible from the other side thereof, a plate of smaller lateral dimensions than said base and means for supporting it parallel to said base and spaced from said terminals, an indicating instrument movement and means for securing it to said plate, electrical connections between certain of said terminals and said movement, and a cover of transparent material enclosing said movement and plate and secured to the periphery of said base, said plate having portions thereof removed adjacent to certain of said terminals to facilitate the electrical connections thereto.

2,128,278
COILING MACHINE
William S. Adams, Great Falls, Mont., assignor to Anaconda Wire & Cable Company, New York, N. Y., a corporation of Delaware
Application February 6, 1937, Serial No. 124,364
4 Claims. (Cl. 242—84)

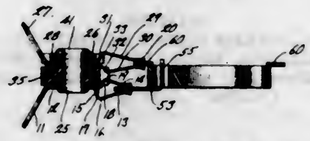
3. Apparatus for coiling rod, wire and the like which comprises an inner wall of inverted, frusto-

conical shape, means for rotatably suspending and rotating said wall on a vertical axis, an outer wall coaxial with and rotatable with said inner wall and spaced therefrom to form a downwardly flaring annular channel, plates hinged to said



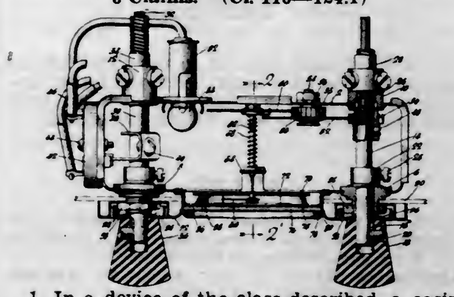
inner wall and extending horizontally to said outer wall, said plates having depending brackets, a vertical shaft coaxial with said inner wall and links connecting said shaft to said depending brackets and being substantially horizontal when said hinged plates are in horizontal position.

2,128,279
SWITCH
Kenneth C. Allison, Arlington Heights, Ill., assignor to Oak Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application July 9, 1936, Serial No. 89,794
Renewed October 28, 1936
3 Claims. (Cl. 200—11)



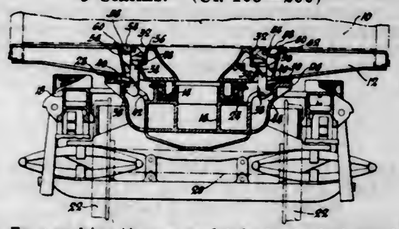
1. In an electric switch, a flat stator insulating member having an interior region cut out therefrom with slots on the inner edge of said stator and apertures through said stator adjacent said slots, a rotor having contacts mounted on opposite sides thereof disposed in said interior region, contacts mounted in pairs on said stator at certain apertures, one contact being on one side of said stator and another contact on the other side thereof, each contact having an outwardly extending connecting portion bent away from the stator plane, a body portion disposed on said stator at an aperture thereof and a contacting portion extending inwardly and having a part thereof bent in to the stator plane and fitting into the corresponding slot in the stator, an insulating block disposed above said one contact and having a slot in the outer edge into which the connecting portion of said one contact fits, said one contact having an aperture concentric with the stator aperture but larger, said other contact having an aperture similar to and registering with the stator aperture, and metallic means engaging said other contact and passing through the concentric apertures to maintain said contacts and insulator rigidly on said stator.

2,128,280
REMOTE RADIO CONTROL
Elbridge F. Bacon, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 5, 1936, Serial No. 114,326
3 Claims. (Cl. 116—124.1)



1. In a device of the class described, a casing, an indicating dial carried by the casing and having therein an opening adjacent the dial center, a plurality of bearing means carried by the casing in alignment with the opening, a spindle shaft carried in the bearings and projecting through the opening in the dial plate, an indicating needle carried by the projecting end, a gear secured to the spindle, a helical coil spring surrounding the spindle and having one end secured to the gear and the other to one of the bearing means to bias the spindle rotation in one direction and driving means to rotate the gear.

2,128,281
RAILWAY VEHICLE TRUCK AND BODY INTERLOCK
Martin P. Blomberg, Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application February 13, 1937, Serial No. 125,534
9 Claims. (Cl. 105—200)



1. In combination, a vehicle body bolster having a passageway formed therethrough, said passageway having an angularly extending surface formed therein, a truck pivotally connected to the bolster, a member adapted to be inserted into said passageway from the top thereof, said member being adapted to engage a portion of the truck to prevent vertical separation of the truck from the bolster, and a wedge-shaped element cooperating with the member and the angularly extending surface to hold the member in operative position in the passageway.

2,128,282
SHOE
Albert W. Bradbury, Cliftondale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 14, 1936, Serial No. 115,731
13 Claims. (Cl. 36—12)

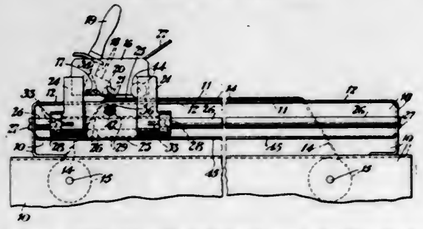
1. A shoe comprising an insole, an upper and an outsole, said outsole consisting of an inner

layer having separate strips of fabric material secured to its inner and outer surfaces by a single row of stitches passing through both strips,



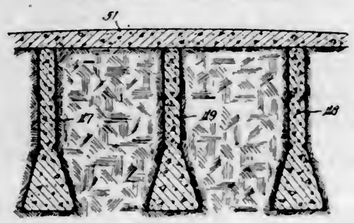
and an outer layer secured to the strips on the outer surface of said inner layer, the fabric material on the inner surface of said inner layer being secured to the shoe bottom by cement.

2,128,283
DUPLICATING MACHINE
Charles H. Bradt, Groton, N. Y., assignor to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y., a corporation of New York
Application March 12, 1937, Serial No. 130,480
13 Claims. (Cl. 101—133)



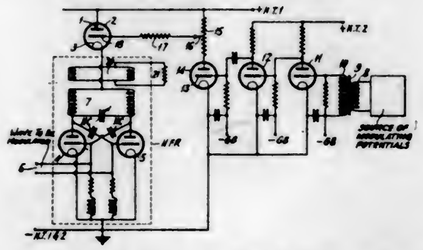
1. In a duplicating machine of the hectograph type, the combination of a bed for supporting the duplicating medium, a single guide rod fixedly related to said bed, a support held to said guide rod to slide longitudinally of the rod and to rotate about the rod, a platen roller supporting carriage hinged to said support to swing relatively thereto about an axis parallel to the rod, and means interposed between said carriage and support to yieldably resist swinging movement between the carriage and support in the direction permitting approach of the carriage to the bed.

2,128,284
METHOD OF CONSTRUCTING SUBWAYS AND LIKE UNDERGROUND STRUCTURES
Ralph H. Burke, Evanston, Ill.
Application May 14, 1938, Serial No. 207,897
10 Claims. (Cl. 61—44)



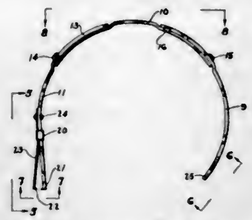
9. The method of constructing a subway under a street or roadway which comprises constructing a retaining wall below the ground surface along each side of the roadway, roofing over the space between said walls to form a pavement for the roadway and a roof for the subway, and thereafter excavating the earth from between said walls and below said roof.

2,128,285
CARRIER WAVE MODULATION SYSTEM
Newsome Henry Clough, Brentwood, and Ernest Green, Writtle Mead, Writtle, Chelmsford, England, assignors to Radio Corporation of America, a corporation of Delaware
Application February 15, 1937, Serial No. 125,796
In Great Britain February 14, 1936
20 Claims. (Cl. 179—171)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



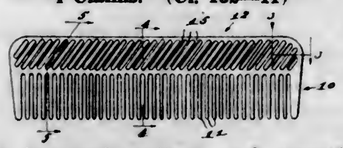
1. In a modulation system, a high frequency relay of the electron discharge tube type having a cathode and another electrode coupled in a high frequency circuit in which wave energy to be modulated is caused to flow, a modulator tube having a cathode, an input electrode and an output electrode, means connecting the impedance between the cathode and output electrode of said modulator tube in series with the impedance between said electrodes in said high frequency relay tube, means for applying a direct current potential to the impedances of said tubes in series, and means for applying modulating potentials between the input electrode of said modulator tube and the point at which negative potential is applied to said impedances in series.

2,128,286
SKID CHAIN DEVICE
Edgar E. Davis, Belleville, N. J.
Application May 19, 1937, Serial No. 143,431
1 Claim. (Cl. 152—213)



A device for the attachment of emergency skid chains having a strap to an automobile wheel, comprising bowed members adjustably associated with each other by pin and slot connections and having guide means to aid in the extension thereof, said assembled bowed members forming a unit conforming in shape approximately to that of the cross-sectional shape of the tire on the wheel, one end of the unit having a handle at right angle thereto so as to engage with the outer surface of the wheel spokes when said bowed unit is inserted therebetween, the opposite end of the unit having a clamping means thereon for engagement with the strap of the emergency skid chain so that the strap can be drawn over the tire and between the spokes of the wheel.

2,128,287
SANITARY COMB
Roger W. Davis, Natick, Mass.
Application October 9, 1937, Serial No. 168,123
4 Claims. (Cl. 132—11)



1. An improved sanitary comb comprising a tooth and back portion formed from flat stock of a uniform thickness, the said back portion being provided with a plurality of diagonally disposed embossed ribs.

2,128,288
MANUFACTURE OF ARTIFICIAL MATERIALS
Henry Dreyfus, London, England
No Drawing. Application September 5, 1935, Serial No. 39,286. In Great Britain September 11, 1934
4 Claims. (Cl. 8—13)

1. Process for the treatment of artificial filaments, yarns, fabrics and other materials having a basis of organic derivatives of cellulose, which comprises treating the materials with a salt of a weak acid and a salt of an acid selected from the group consisting of resin acids and naphthenic acids, and subsequently treating the materials with a solution of a weighting metallic compound which reacts with said salts to form in the materials substantially water-insoluble salts of the said weak acid and of the said acid selected from the group consisting of resin acids and naphthenic acids, the resulting insoluble salts of said resin and naphthenic acids being adapted to increase the permanence of the weighting effect produced in the materials.

2,128,289
CERAMIC DIELECTRIC MATERIAL AND PROCESS OF MAKING THE SAME
William Dubilier and Josef Oppenheimer, New York, N. Y.
No Drawing. Application November 16, 1936, Serial No. 111,082
14 Claims. (Cl. 25—156)

1. In a method of manufacturing a dense ceramic dielectric material, in particular adapted for electric condensers, having a dielectric constant exceeding 14 and containing at least one inorganic oxide of an element of the fourth group and at least one other inorganic oxide of an element selected from the second, third and fourth group of the periodical system—the steps of shaping and presintering a finely divided, powdery mixture containing said oxides at a temperature substantially below its final sintering temperature, and thereupon compacting said mixture by heat treatment at least at sintering temperature in a selected atmosphere.

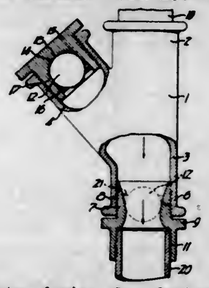
2,128,290
BOND FOR MINERAL OR ROCK WOOL
Albra H. Fessler, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
No Drawing. Application November 8, 1935, Serial No. 48,903
6 Claims. (Cl. 210—204)

1. In an oil filter, a solid and self-sustaining filtering element composed of mineral wool and a binder comprising a cold water paste, said binder acting to hold the wool together, said mineral wool and binder being intermixed.

2,128,291
ART OF PAVING
Sam Everett Finley, Atlanta, Ga.
No Drawing. Application October 6, 1936, Serial No. 104,227
5 Claims. (Cl. 94—23)

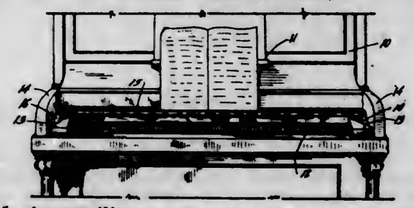
1. The method of making a road paving composition which comprises mixing graded aggregates with a predetermined percentage of bitumen substantially corresponding to the percentage of bitumen naturally contained in the rock asphalt to be later added, then adding a quantity of such rock asphalt and thoroughly mixing the whole, and finally adding thereto further bitumen in sufficient quantity to produce an adequate cementitious bond in a pavement of such composition.

2,128,292
SAFETY DEVICE FOR FUEL CONDUITS
Thomas A. Finn, Daly City, Calif.
Application November 23, 1936, Serial No. 112,371
2 Claims. (Cl. 137—162)



1. A safety device for fuel supply conduits comprising a fitting having inlet and outlet ends and a branch opening into the fitting above the outlet, a valve seat in the outlet end of the fitting, a plug mounted in connection with the outer end of the branch and having a recess in its inner end, a ball seating in the recess, means upon the plug for holding the inner portion of the ball in spaced relation to the back of the recess, fusible means normally holding the ball in the recess for automatically releasing the ball for movement into engagement with the valve seat when the surrounding temperature exceeds a predetermined degree, and means for excluding the fusible material from the space between the ball and the back of the recess.

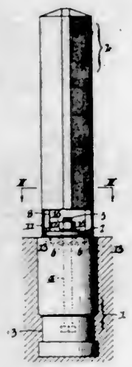
2,128,293
AUXILIARY MUSIC RACK FOR PIANOS
Darline Evinger Fitchett, Denver, Colo.
Application March 29, 1937, Serial No. 133,548
3 Claims. (Cl. 84—180)



1. An auxiliary music rack for pianos consisting of a complete unattached unit comprising: a

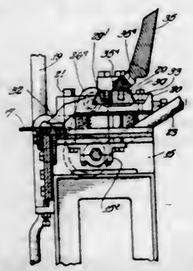
straight channel member of a length to pass between the end walls of a piano key-board; and a supporting block attached to the underside of each extremity of said member to support the latter above the end blocks of said key-board sufficiently far above the keys to allow a player's hands to be inserted thereunder.

2,128,294
POST
Robert B. Gage, West Trenton, N. J.
Application April 18, 1936, Serial No. 75,115
8 Claims. (Cl. 189—23)



1. In a post of the type described, the combination of a lower cylindric component of concrete or the like adapted to be set into the ground, said component having an annular recess near its bottom end to insure its firm anchorage; an upper above-ground hollow-triangular component of plate metal to include a closed-in single-thickness bottom and longitudinally open rear side detachably secured to said lower component, and means including spaced lugs effective to prevent relative rotary movement of said components.

2,128,295
BENDING BRAKE
Samuel Goodman, Chicago, Ill.
Application September 23, 1935, Serial No. 41,799
10 Claims. (Cl. 153—16)



1. In a bending brake, a stand, end supports over said stand and vertically movable in relation thereto, a longitudinal plate spanning said supports, work clamping means carried by said plate, said plate being slidable from front to rear and vice versa in relation to the end supports, and means for adjusting the plate to different positions in its sliding movement, such means comprising bolts journaled in the supports against longitudinal motion, the shanks of the bolts threading into the plate.

9. In a bending brake, the combination with a support adapted to have a set of part-length clamping fingers removably secured thereto in operative positions; of a full length work clamp mounted on the support and movable in relation to the latter when the fingers are removed to occupy the same operative position as said fingers.

2,128,296
COATED PAPER
Virginia Baker Goodwin and William H. Pashley, New York, N. Y.
No Drawing. Application February 26, 1937, Serial No. 127,911
6 Claims. (Cl. 91—68)

1. As a new article of manufacture, a flameproof and water and moisture resistant paper, having its fibres impregnated with a flameproofing compound containing as an essential constituent ammonium sulphate, a network of glycerinated gelatine protecting said compound and retaining the same in the fibres and a waterproofing rubber coating on said paper.

2,128,297
BARREL CONSTRUCTION
Roy C. Ingersoll, Chicago, Ill., assignor to Borg-Warner Corporation, a corporation of Illinois
Application November 14, 1935, Serial No. 49,657
1 Claim. (Cl. 220—74)



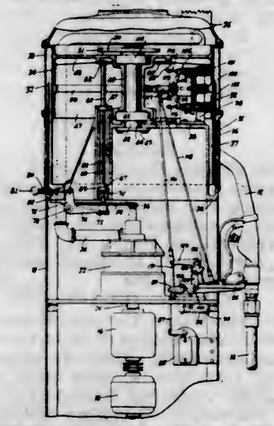
A barrel comprising an inner container and an outer shell, spacing means at intervals between the inner container and the outer shell, some of said spacing means being located at the shoulders of the inner container and at one place at each of the ends of the inner container so that the ends of the outer shell are continuously spaced from the shoulder to said place, and a chime on the spaced end of the outer shell, said chime having an axial portion extending from the spacing means at the shoulder, a short radial portion adjacent the axial portion, a reverse axial portion adjacent the radial portion, and a groove in said last mentioned axial portion, said groove being adapted to give the chime resilience to absorb shock and to provide a finger hold, axial flutings in said axial portion and coextensive therewith, and radial flutings in said short radial portion and coextensive therewith, said axial and radial flutings serving to reinforce the chime and to provide an improved finger hold for the barrel.

2,128,298
BRAKE LEVER CONSTRUCTION
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Original application October 23, 1936, Serial No. 107,237. Divided and this application August 26, 1937, Serial No. 160,999
3 Claims. (Cl. 74—534)



1. Brake lever construction including a bracket, a lever pivoted to said bracket, a rockable ratchet bar pivoted to said bracket and having ratchet teeth along a margin, a pawl fixed to said lever in position to engage the said ratchet teeth, means for holding said ratchet bar against said pawl in latched engagement, and means including a shoe working against the ratchet teeth of said bar for moving the bar out of latching position with respect to said pawl.

2,128,299
LIQUID DISPENSING
Bjornulf Johnsen, Summit, N. J.
Application December 15, 1937, Serial No. 179,838
16 Claims. (Cl. 221—95)



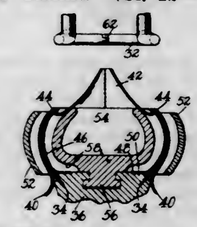
1. Fluid dispensing apparatus comprising fluid flow establishing means, fluid metering means, means movable in proportion to the flow of fluid established through the metering means, a replaceable dial carried with the movable means to indicate the instant value of fluid delivered and means to prevent the operation of the fluid flow establishing means if a dial is not properly positioned on the movable means.

2,128,300
GRIPPER FOR TRACTOR-DRIVEN PLOWS
Albin G. Johnson, near Cambridge, Ill.
Application September 22, 1937, Serial No. 165,147
13 Claims. (Cl. 97—50)



1. Apparatus for actuating the trip rope of a tractor-drawn plow, comprising a support united to the tractor frame, an arm having one end pivotally mounted upon said support, a lever pivoted upon the free end of the arm, a gripping member united to the arm, a complementary gripping member united to the lever, a trip rope or cable passing between said gripping members and freely movable longitudinally between them when said members are idle but adapted to be gripped by said members when actuated in the forward direction by pressure upon the upper end of the lever.

2,128,301
METHOD OF ASSEMBLING SHOE UPPERS AND COUNTERS
Bernhardt Jorgensen, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Original application March 11, 1937, Serial No. 130,340. Divided and this application October 28, 1937, Serial No. 171,525
8 Claims. (Cl. 12—146)

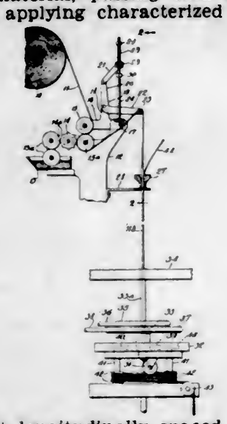


1. That improvement in methods of assembling lined uppers and counters which comprises supporting a lined upper off the last, supporting a counter within the upper, and wiping the lining at the rear part of the upper from the top edge of the upper heightwise thereof, the inner surface of the counter being provided with a coating of cement to effect attachment of the lining thereto while the outer surface of the counter is left free of cement in order that there will be no attachment of the upper to the outer surface of the counter.

2,128,302
CELLULOSIC CORD AND METHOD OF MAKING THE SAME
Morris Katz, Bronx, N. Y.
Application April 28, 1937, Serial No. 139,508
13 Claims. (Cl. 117—3)

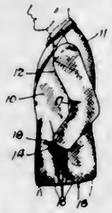
1. The herein described method of forming characterized cellulosic cords or strands which

consists in providing a relatively narrow strip of cellulosic material, passing said strip through means for applying characterized markings on



the strip at longitudinally spaced intervals and then folding said strip to the desired form of said strand with said markings arranged in longitudinal spaced relation on the strand.

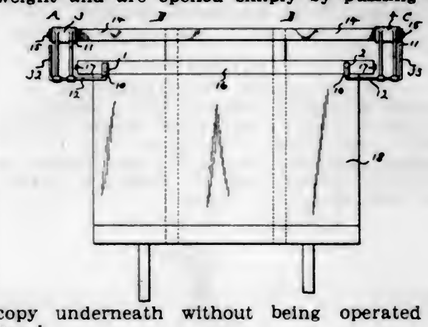
2,128,303
GARMENT CONSTRUCTION
Isadore B. Kay, Chicago, Ill.
Application January 21, 1937, Serial No. 121,525
2 Claims. (Cl. 2—93)



1. A coat blank having integral front and back forming members, the blank having a horizontal pocket forming slit intermediate its upper and lower edges, the front and back forming members being spaced apart above said slit by a cut out portion which extends upwardly and merges into spaced apart armhole forming portions, the front and back forming members being continuous below said pocket forming slit.

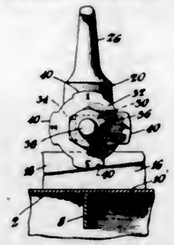
2,128,304
COPY HOLDER FOR TYPEWRITERS AND OFFICE MACHINES
Paul Kobler, Lynbrook, N. Y.
Application October 5, 1936, Serial No. 104,089
5 Claims. (Cl. 120—28)

1. In a copyholder, a copy support, and means for holding a copy thereon, comprising paper holding clips and its mounting on the support, said paper holding clips being constructed in the form of a lever which has its turning point underneath the end of said lever which touches the copy or the copyplate and said turning point being at a certain distance away from the copyplate so that the copy can easily be pushed underneath said lever, which being so constructed has an eccentric action whereby the copy holds tight on the copyplate and cannot be pulled downwards, but easily upwards and sidewards, said paper holding clips work under their own weight and are opened simply by pushing the



copy underneath without being operated by hand.

2,128,305
RETAINING MEANS
Albert L. Lambert, Narberth, Pa., assignor to Heintz Manufacturing Company, a corporation of Pennsylvania
Application March 5, 1937, Serial No. 129,125
9 Claims. (Cl. 292—241)

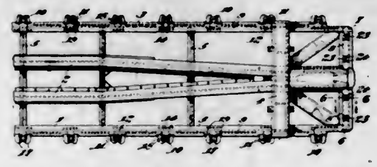


9. Dogging means adapted to urge a door or hatch in compression against a gasket for sealing an opening through a bulkhead or the like, comprising a dogging member adapted to be moved into pressure-applying engagement with said door and operable from either side of said door, a shaft extending in a water-tight sealing relation through said bulkhead and supporting said dogging member, and camming means carried by said dogging member and presenting camming surfaces movable into selected positions spaced at different distances from said dogging member, whereby the pressure applied in sealing said door may be varied without disturbing the water-tight sealing relation of said shaft.

2,128,306
SIDE STAKE POCKET FOR CARS
Roy A. Lewis, Bethlehem, and Charles Schenck, Coopersburg, Pa., assignors to Bethlehem Steel Company, a corporation of Pennsylvania
Original application March 20, 1936, Serial No. 69,846. Divided and this application March 29, 1937, Serial No. 133,558
11 Claims. (Cl. 105—390)

1. A car underframe, the combination with the side sills of rolled section each having a vertical web and an outwardly extending upper flange, a stake pocket formed of pressed metal comprising a substantially U-shaped body portion extending above the outwardly extending upper flanges of the side sills having splayed leg extensions having their inner and upper edges welded to the web and under surface of the outwardly extending flange of the side sills, separate reinforcing

flanges welded to the top of the side sills and the sides of the U-shaped body portion of the stake pocket above the side sills, and a plate con-

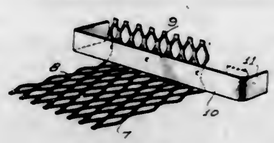


nection between the legs of the U-shaped body portion welded to the outer edge of the upper flange of the side sills.

2,128,307
MANUFACTURE OF AMINO DERIVATIVES OF ANTHRAQUINONE
Geoffrey Lord and George Reeves, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application June 27, 1936, Serial No. 87,695. In Great Britain July 25, 1935
22 Claims. (Cl. 260—382)

1. Process for the replacement by a radical selected from the class consisting of an amino group and an aliphatically substituted amino group of an α-substituent in an anthraquinone nucleus of a compound containing an anthraquinone nucleus, said α-substituent being selected from the class consisting of hydroxyl, amino, and aliphatically and aromatically substituted amino groups, which comprises subjecting the anthraquinone compound to the action of a compound selected from the group consisting of ammonia and aliphatic amines in the presence of a compound of a metal capable of forming a complex nitrogenous compound with a nitrogenous base.

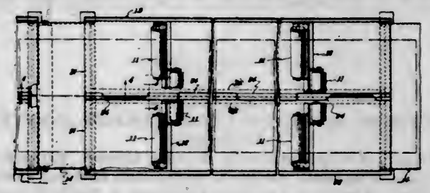
2,128,308
WALL TIE
Chester A. Lord, Chicago, Ill., assignor to Universal Form Clamp Co., Chicago, Ill., a corporation of Illinois
Application March 17, 1937, Serial No. 131,440
6 Claims. (Cl. 72—103)



1. A wall tie for anchoring a facing of building blocks to a structural element comprising an open work pad adapted to overlie a course of blocks so as to be embedded in the facing, and a flexible strap secured to said pad adapted to be bent to form a hook for slidably embracing an edge of the structural element.
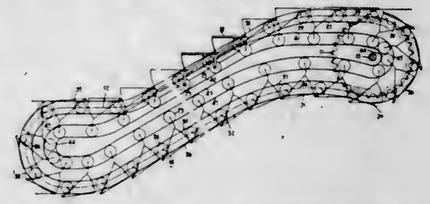
2,128,309
EXTENSIBLE PORTABLE CONVEYER
John R. Madeira, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application February 12, 1937, Serial No. 125,365
20 Claims. (Cl. 198—192)

1. In a portable and extensible conveyer and in combination with an endless conveyer belt, a plurality of belt supporting structures, and intermediate supporting standards connecting said belt supporting structures together, each of said



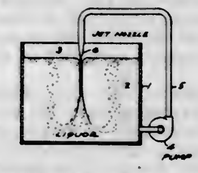
belt supporting structures including a pair of cover sections arranged in abutting relation with respect to each other in a plane extending longitudinally of the conveyer.

2,128,310
MOVING STAIRWAY
Samuel Gustave Margles, Brooklyn, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application March 30, 1937, Serial No. 133,771
7 Claims. (Cl. 198—16)



1. A moving stairway comprising; a series of steps; a running gear chain connecting said steps together; a sprocket wheel at an end of the stairway around which said chain passes; a chain wheel for each of said steps; and an upper run track for the chain wheels having an end portion at said end of the stairway, said end portion extending beyond a vertical line through the center of the sprocket wheel to a certain point on the bend, said end portion being of a height at said vertical line to cause the line of travel of the centers of the chain wheel axles to intersect said vertical line above the pitch circle of the sprocket wheel and extending gradually downwardly to said certain point where said line of travel meets said pitch circle.

2,128,311
METHOD OF CARRYING OUT CHEMICAL REACTIONS
Albert T. Mertes, Newport, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, a corporation of Delaware
Application April 20, 1935, Serial No. 17,417
5 Claims. (Cl. 23—1)



1. In a process of oxidizing a ferrous compound dissolved in a solution of a heavy metal salt, the step of circulating said solution through a jet

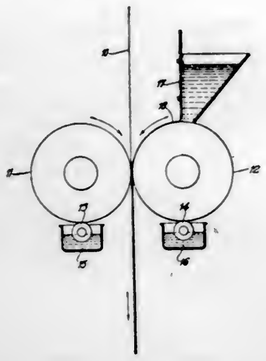
nozzle delivering said liquid at less than 3 inches from the surface of the body of said liquid at a velocity of at least 40 ft. per second, whereby said liquid is delivered through atmospheric air into the body of said liquid.

2,128,312

METHOD OF PRODUCING RUBBER COATED FABRICS

Edward Arthur Murphy, Wylde Green, Birmingham, England, assignor to Dunlop Rubber Company, Limited, London, England, a British company

Application April 3, 1936, Serial No. 72,494
In Great Britain June 7, 1935
4 Claims. (Cl. 154—2)



1. A process for the manufacture of fabrics treated with a composition of, or containing, rubber which comprises forming a nip between a pair of moving surfaces, feeding fabric into said nip in the direction of movement of said feeding surfaces, applying an aqueous dispersion of rubber composition to one of said moving surfaces in advance of its contact with said fabric, so as to form a layer of dispersion on said moving surface, substantially completely coagulating said layer progressively from the face thereof resting on said moving surface to substantially its outer face prior to its entrance into said nip, passing said layer into contact with said fabric in said nip immediately upon coagulation and while still wet to transfer said layer to said fabric, withdrawing the treated fabric through said nip and thereafter drying and vulcanizing the resulting structure.

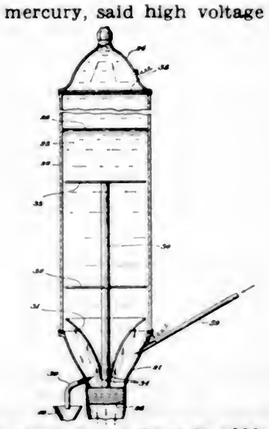
2,128,313

METHOD AND APPARATUS FOR RECOVERING METAL VALUES

Elman B. Myers, Montreal, Quebec, Canada, assignor to Myers Mill Corporation, Montreal, Quebec, Canada, a corporation of Quebec, Canada

Application March 12, 1935, Serial No. 10,652
Renewed July 15, 1938
15 Claims. (Cl. 209—178)

1. In the herein described ore-recovery process, the steps which consist in colloidizing the ore in a liquid medium, percolating it through a body of mercury, and exerting upon the tailings a continuous, high-voltage, electrolytic pressure toward the mercury, said high voltage being in



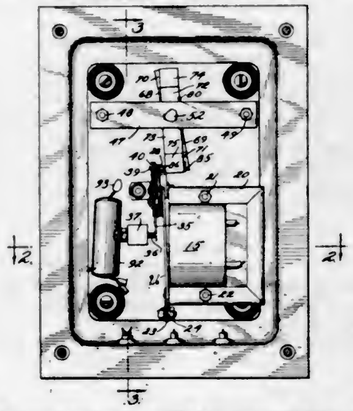
the range between approximately 1000 and 3000 volts.

2,128,314

MECHANICAL OSCILLATOR

Ewing D. Nunn, Milwaukee, Wis.

Application July 2, 1937, Serial No. 151,693
10 Claims. (Cl. 200—90)



1. A mechanical oscillator comprising a plurality of weights and a plurality of springs oscillatable about an axis and cooperating with each other to transform kinetic energy into potential energy and back again, means for imparting energy impulses to one weight for oscillatory purposes, means for coupling all weights to oscillate as a unit for a predetermined amplitude, means for coupling one spring to said coupled weights to obtain an oscillating system, and means only operative above a predetermined amplitude for limiting one weight to said predetermined amplitude and permitting the remaining weights to travel above said amplitude and at the same time coupling all springs to said remaining weights whereby a composite oscillator having a substantially constant natural period over wide ranges of amplitude is obtained.

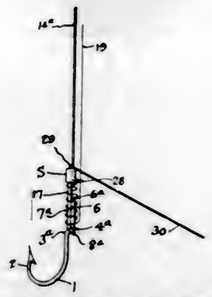
2,128,315

FISHING DEVICE

Colin R. Parker, Newport, R. I.

Application June 15, 1937, Serial No. 148,397
6 Claims. (Cl. 43—29)

1. In a fishing device, the combination of a fish hook having a V-shaped bend formed in its shank, a plate having an angularly bent end, the bent end having an aperture of suitable size to loosely receive the shank of the aforesaid fish hook, lateral ears on the plate, a wire having a coil at one end, one end of said coil being fastened to the plate and the other end of said coil



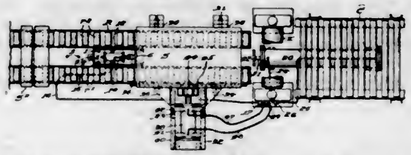
detachably engaging the end of the fish hook, said wire having a strand of substantial length, said strand terminating in a loop, and a leader affixed to the plate and loosely engaged by the aforesaid loop of the wire, whereby a pull on the wire will contract the coil and permit disengagement of the fish hook from the plate.

2,128,316

APPARATUS FOR PILING SHEETS AND PLATES

George F. Paul, Struthers, Ohio

Application May 7, 1937, Serial No. 141,207
8 Claims. (Cl. 271—89)



1. Apparatus of the class described comprising a pair of spaced sheet engaging platens independently movable along paths at right angles to each other and respectively adapted to move a sheet horizontally along similar paths, a vertical stop interposed in each path traversed by the sheet when moved by a platen, means supporting one of said stops for movement out of the adjacent path to thereby clear it for the passage of a sheet beyond the stop, and means operable to project said stop into said path and hold it therein.

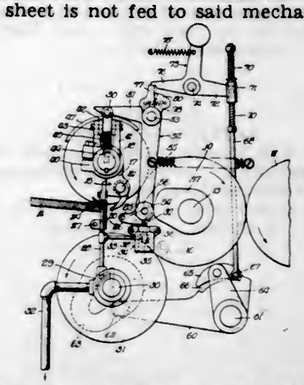
2,128,317

ROTARY SHEET TRANSFER MECHANISM

Henri E. Peyrebrune, Elmwood Park, Ill., assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application February 1, 1937, Serial No. 123,344
14 Claims. (Cl. 271—56)

1. In combination, rotary sheet transfer mechanism adapted to have movement from a position of rest for transferring a sheet to a printing member, means for registering a sheet while said transfer mechanism is at rest and before said sheet is transferred thereby, clutch means interposed between said transfer mechanism and the driving means therefor, and means having operation to actuate said clutch means permitting said transfer mechanism to remain at rest in the event a sheet is not fed to said mechanism and



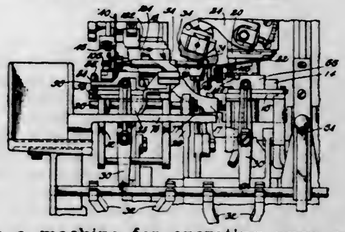
accurately registered by said registering means throughout its leading edge.

2,128,318

MACHINE FOR OPERATING UPON SOLES

Albert L. Porter, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application January 25, 1936, Serial No. 60,828
35 Claims. (Cl. 12—41.2)



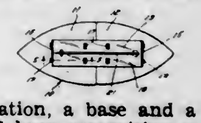
1. In a machine for operating upon soles, a form, means for positioning a sole with respect to the form comprising a gage mounted for adjustment laterally of the form and adapted to position a sole laterally thereof by engagement with the edge of the sole at one side thereof, said gage being movable obliquely with respect to the longitudinal axis of the form at an angle determined with reference to the differences in length and width of soles graded by one system, and plural means for adjusting said gage laterally of the form one of which means is calibrated with reference to another system of grading.

2,128,319

SEPARABLE BROOCH

Harold L. Pulver, Providence, R. I.

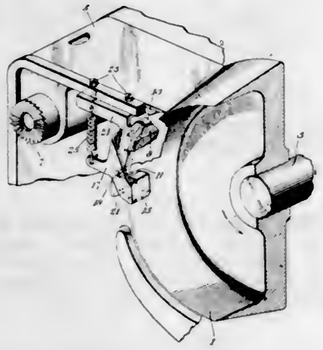
Application March 27, 1937, Serial No. 133,332
7 Claims. (Cl. 63—20)



1. In combination, a base and a plurality of ornaments, said base comprising a sheet metal member having a plurality of lug openings, said ornaments having sheet metal attaching members each with a struck up lug, one end of each attaching member releasably slidably engaging with an end of the base member, said lugs being in register with said lug openings when said ends

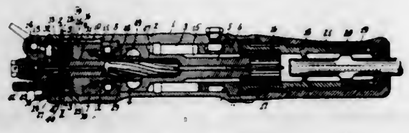
are in engagement, and said lugs entering said lug openings with a snap action to releasably lock said ornaments to said base, said base having a garment attaching device.

2,128,320
SKIVING MACHINE
Eugene J. Ray, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 4, 1936, Serial No. 114,167
7 Claims. (Cl. 69—9.5)



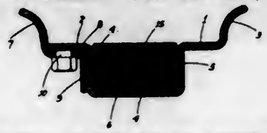
1. A skiving machine having, in combination, a tubular knife rotatable about a substantially horizontal axis, a table through which the upper portion of the knife projects, a pad holder located beneath the table on one side of the knife, a second pad holder located beneath the table on the other side of the knife, absorbent pads in the holders and yielding means for moving the holders in opposite directions to press the pads respectively against opposite sides of the edge of the knife.

2,128,321
DRILLING APPARATUS
John L. Reilly, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application December 26, 1935, Serial No. 56,166
8 Claims. (Cl. 121—7)



1. In a rock drill, drill steel rotation mechanism including relatively rotatable ratchet and pawl-carrier elements, said pawl-carrier element carrying pivoted pawls engageable with the teeth of said ratchet element, operative connections between one of said elements and a drill steel to be rotated, means for holding the other element against rotation, and means having internal control surfaces arranged to act upon the ratchet-element-engaging ends of the pawls remote from their pivots to swing said pawls out of engagement with the ratchet teeth for interrupting drill steel rotation at will.

2,128,322
TIRE RIM
Amos D. Riehl, Loomis, Calif.
Application September 4, 1937, Serial No. 162,495
5 Claims. (Cl. 152—396)

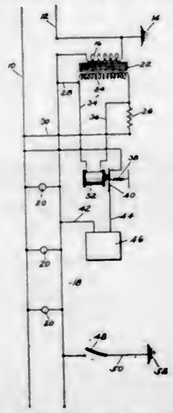


1. A tire rim comprising an annular tire-bead supporting unit, a bead retaining flange about the inner side of the unit, said unit including an outer annular bead supporting band, and a wall transversely spaced from the outer edge of said band and extending radially of the rim toward the center thereof, another bead retaining flange opposed to said first named flange, an annular band formed with said other flange to engage the face of the band opposite the tire supporting face thereof, a radially extending skirt on said last named band to engage the outer face of said wall, spaced radially disposed cap screws to detachably secure said bands together, and transversely extending bolts disposed intermediate the cap screws and detachably securing said wall and skirt together.

2,128,323
PHTHALIC ACID MANUFACTURE
Donald Atwater Rogers, Petersburg, and Ernest Whiting Bowen, Prince George County, Va., assignors to The Solvay Process Company, New York, N. Y., a corporation of New York
No Drawing. Application April 15, 1937, Serial No. 137,036
6 Claims. (Cl. 260—525)

1. The method of inhibiting foaming of a phthalic acid solution having a tendency to foam, which comprises passing a stream of the solution into a flash chamber maintained at an absolute pressure below about 250 millimeters of mercury.

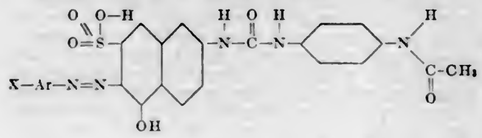
2,128,324
CONTROL CIRCUIT
John J. Root, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill., a corporation of Illinois
Application November 7, 1936, Serial No. 109,738
7 Claims. (Cl. 175—320)



1. A control circuit, for an oil burner or the like and in combination with a two-wire lighting or power system having one wire grounded and the other wire ungrounded, a grounded line including a thermostatically-controlled switch and which line is connected to said grounded wire, a transformer having a low-resistance low-impedance winding connected into said grounded wire in series therewith between the ground of said wire and the said grounded line and having a high-reactance winding connected between said grounded and ungrounded wires in series with a resistance, said windings being so selected as to prevent the flow of substantial current through said high-reactance winding when said switch is open, and control means having a relay connected across said high reactance winding and in parallel therewith.

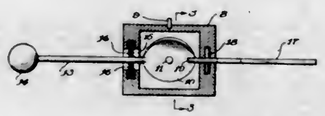
2,128,325
COPPER CONTAINING MONOAZO DYESTUFFS AND PROCESS FOR PREPARING THEM
Francis Leslie Rose, Blackley, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application September 2, 1936, Serial No. 99,122. In Great Britain September 13, 1935
12 Claims. (Cl. 260—151)

1. A process for the manufacture of copper containing dyestuffs which comprises treating with a copper salt in aqueous medium, monoazo dyestuffs of the general formula



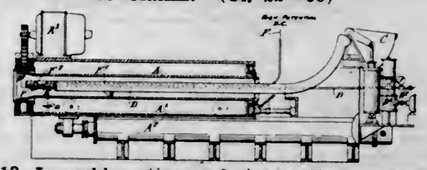
in which Ar is the radical of one of the group consisting of benzene, naphthalene and the chloro, nitro and sulfo substituted derivatives thereof, and X is a group which favors the formation of complex metal derivatives and is ortho to the azo bridge.

2,128,326
ANIMAL TAIL WAGGING DEVICE
Henry Rubenstein, Brooklyn, N. Y.
Application October 12, 1936, Serial No. 105,329
7 Claims. (Cl. 46—123)



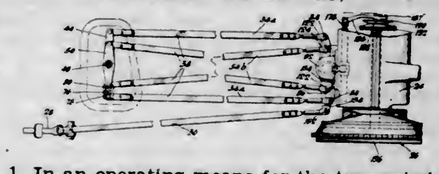
1. In a toy animal having a body and a tail, the combination of a weighted arm forming a pendulum and pivotally mounted within said body so as to swing in a substantially vertical plane therein, a member within said tail and swingably mounted on said body to swing in a horizontal plane and means operatively connecting said pendulum with said tail member and adapted to actuate the latter by movement of said pendulum.

2,128,327
METHOD AND APPARATUS FOR COATING MOLDS
Norman F. S. Russell and Frederick C. Langenberg, Edgewater Park, and Horace S. Hunt, Burlington, N. J., assignors to United States Pipe and Foundry Company, Burlington, N. J., a corporation of New Jersey
Application December 23, 1936, Serial No. 117,372
15 Claims. (Cl. 22—65)



13. In mold coating and pipe casting apparatus comprising a runner for molten metal having a delivery nozzle at its end, a relatively retractible centrifugal pipe mold, a conduit for carrier gas secured to the runner and having a terminal nozzle arranged to deliver carrier gas charged with finely divided mold coating material against the mold surface at a point in advance of that at which the molten metal is delivered by the runner nozzle and means for supplying a carrier gas conduit with carrier gas and with finely divided mold coating material, the combination therewith of an electrode adapted to receive and retain a high voltage charge of static electricity so located with reference to the carrier gas conduit as to bring about the formation of a field of high voltage static electricity in the path traversed by the charged carrier gas and a source of high potential electricity electrically connected to said electrode.

2,128,328
CONTROL MECHANISM
Eric Olle Schjolin, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 1, 1936, Serial No. 88,318
12 Claims. (Cl. 192—3.5)

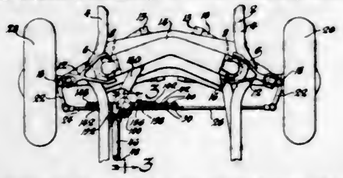


1. In an operating means for the transmission and clutch of an automotive vehicle having an engine, a clutch and a gear transmission at the rear of the vehicle and operating levers for the transmission and clutch at the front of the vehicle, a housing positioned at the transmission, a plurality of concentric clutch and gear operators in the housing, said operators mutually forming bearings for each other means independently connected to the levers and to each operator to move the operators, and means optionally engageable by the gear operating lever selectively to operate any one of said gear operators to shift the gears of the transmission.

2,128,329
STEERING GEAR ASSEMBLY
Eric Olle Schjolin, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application June 28, 1937, Serial No. 150,705
6 Claims. (Cl. 280—96)

1. In an assembly for a steering gear for automotive vehicles, a steering mast, a housing se-

cured to the end of the mast, said housing having mounted therein a worm actuated by the usual steering wheel and a worm wheel actuated by the worm, a gear mounted in the housing to turn with the worm assembly, a rack slidably mounted

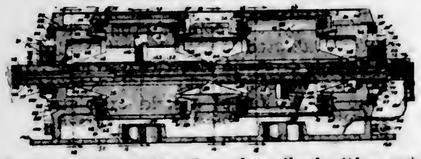


in the housing and meshing constantly with the gear, said rack movable transversely of the vehicle, and means connecting the rack to the steerable wheels of the vehicle to steer the vehicle in response to movements of the steering mechanism.

2,128,330
EPICYCLE ENGINE

John Schlitz, Leavenworth, Kans., assignor of one-half to Ida Wilhelm Brugger, Tuckahoe, N. Y.

Application July 5, 1935, Serial No. 30,032
12 Claims. (Cl. 103—121)



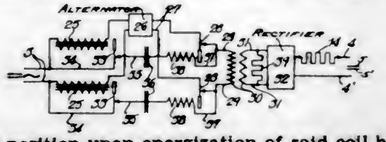
1. An engine of the class described with a rotatable regulatable cylinder having side walls, an engine bed having fixed regulatable hollow hubs, each said side wall being provided with a center opening and a means to journal a said hollow hub, a rotatable hollow valve drum eccentrically encompassed within the rotatable inner wall of said cylinder, a drive shaft passing through the axis center of the said drum and eccentrically through the said hubs, said engine bed being provided with longitudinal ports having side channels directed to register with side channels in the said hubs, an opening in each side wall of said drum, an element forming a gate provided with a means on each side thereof to keep the gate moving within the axis of the said cylinder and an extending means on said gate cooperating with an expanding means to take up clearance due to wear between said gate and the inner circumference wall of the said cylinder, an open port hole provided in the outer circumference wall of said drum at each side of said gate, a provision of means on said engine bed and attached to said hubs to move said hubs to take up wear of the friction surface of the said hubs and of horizontally rotatable members in alignment with the cylinder axis, a predetermined number of said hubs having adjustable means to take up clearance due to wear of said shaft and of said inner wall of said cylinder and outer wall of said drum.

2,128,331
APPARATUS FOR ELECTROPLATING BY HAND

Max Schlötter, Berlin, Germany

Application March 28, 1935, Serial No. 13,445
In Germany April 16, 1934
2 Claims. (Cl. 171—97)

2. Apparatus adapted to deliver to a load circuit a direct current voltage from an alternating or a direct current source, said apparatus including an alternating current transformer provided with primary and secondary windings having a ratio adapted to produce in said secondary winding an induced alternating current of desired voltage for said load circuit, a pair of terminals for connection with said source, an electrical circuit including a direct current alternator device electrically connected across said terminals, a second electrical circuit for impressing the output of said alternator device across the primary winding of said transformer, a third electrical circuit of relatively high direct current resistance for impressing the current at said terminals across the primary winding of said transformer, an electromagnetic switch having a magnetic coil of relatively high alternating current resistance and a switch arm adapted to be moved to circuit open-

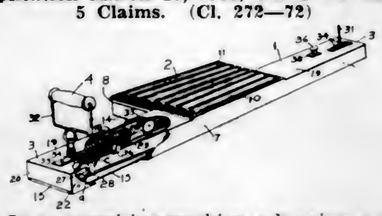


ing position upon energization of said coil by direct current and to be returned to circuit closing position upon deenergization of said coil, means to electrically connect the said magnetic coil in series with said alternator device in said first circuit, means to electrically connect said switch arm electrically in series in said third circuit, a solenoid actuated switch having a solenoid coil and a switch arm adapted to be moved to open position upon energization of said coil by alternating current and to be returned to closed position upon de-energization of said coil, means to electrically connect the said solenoid coil electrically in series in said third circuit and means to electrically connect said switch arm electrically in series in said second circuit, a rectifier device, circuit means to pass the induced current in said secondary winding through the rectifier device, and circuit means to feed the output current of said rectifier device into said load circuit.

2,128,332
EXERCISING MACHINE

William A. Schollmeyer, Yonkers, N. Y., assignor of one-half to Otto F. Jagielski, Yonkers, N. Y.

Application March 15, 1935, Serial No. 11,232
5 Claims. (Cl. 272—72)



3. In an exercising machine, a housing, a platform between the ends thereof, and a compartment under said platform and a swingingly mounted rest secured to the end walls of said compartment whereby said machine may be held in an inclined position.

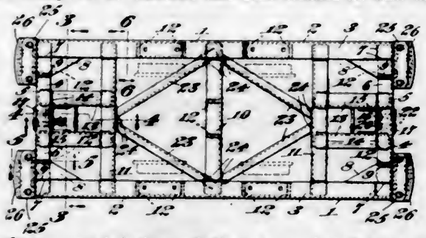
2,128,333
WELDED UNDERFRAME FOR MINE CARS

Walter H. Statler, Bethlehem, Pa., assignor to Bethlehem Steel Company, a corporation of Pennsylvania

Application November 23, 1935, Serial No. 51,241
7 Claims. (Cl. 105—414)

2. A car underframe comprising flanged U-shaped side sills and end sills disposed with their flanges extending inwardly adapted to connect

the ends of the side sills together, buffer brackets welded to the ends of the end sills and side sills adapted to reinforce and connect the ends of said side sills and end sills together, transversely extending U-shaped intermediate sills of uniform depth disposed with their flanges extending towards the end sills, said end and intermediate sills adapted to extend the full width of the un-



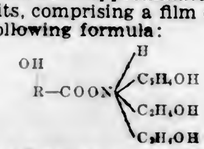
derframe and being of the same height as the space between the flanges of the side sills and adapted to have their ends assembled and supported between the side sill flanges and welded directly thereto, draft sills connecting the intermediate sills with the end sills assembled with their ends between the flanges of the end sills and intermediate sills and welded directly thereto, and diagonal braces for reinforcing the central portion of the intermediate sills.

2,128,334
ULTRAVIOLET LIGHT FILTER COMPOSITION

Frits E. Stockelbach, Montclair, N. J.

No Drawing. Application April 17, 1937, Serial No. 137,497
7 Claims. (Cl. 167—90)

1. An ultraviolet light filter for rays having wave lengths between approximately 2900 to 3200 angstrom units, comprising a film of a compound having the following formula:

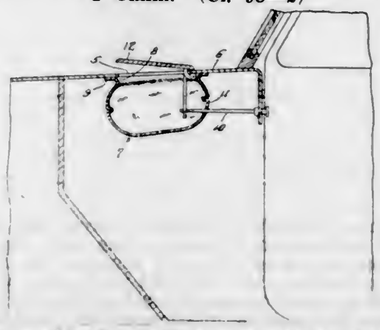


wherein R is a benzene or naphthalene nucleus, and the hydroxyl group which is linked to the nucleus and the carboxyl group are in ortho relation.

2,128,335
DRAFTLESS VENTILATOR AND AIR CLEANER FOR AUTOMOBILES

Albert L. Thayer, Lewiston, Idaho

Application March 30, 1937, Serial No. 133,915
1 Claim. (Cl. 98—2)

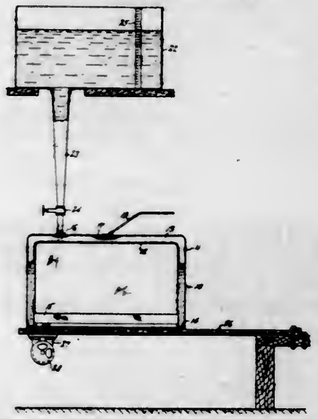


In combination with an automobile body including a hood provided with a ventilating opening, of an air filtering and ventilating device consisting of a sack of porous fabric having an opening in a wall thereof arranged in registry with said ventilating opening, said sack being secured at the edge thereof defining said opening to the hood at the under side of the latter and in alignment with said ventilating opening, and said sack being also provided with a preformed opening therein to accommodate the usual ventilator-door operating rod.

2,128,336
INSULATION

Sture Folke Torstensson, Stockholm, Sweden

Application March 19, 1937, Serial No. 131,888
In Germany March 25, 1936
4 Claims. (Cl. 72—16)

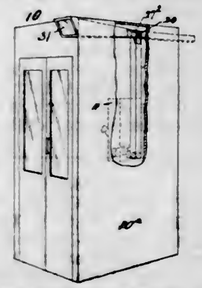


1. The method of producing thermal insulation which comprises introducing a mixture of liquid and finely divided solid material into a hollow wall structure, removing the liquid, leaving the solid material in place in the wall structure, evacuating the hollow wall structure, and hermetically sealing the same.

2,128,337
TELEPHONE PAY STATION

Abraham Weiss and Joseph Weiss, New York, N. Y.

Application November 5, 1936, Serial No. 109,232
4 Claims. (Cl. 194—98)

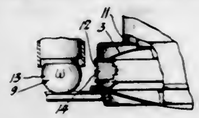


1. In a telephone pay station, the combination with a coin box or cabinet having coin delivery means, of a transparent coin trap concealed within said cabinet adapted to trap the coins in upstanding position, a coin display means remote from said cabinet and means leading from a point opposite said trap to said coin display means for rendering the individual coins contained in said trap visible through said coin display means.

2,128,338
COLORED ORGANIC DERIVATIVES OF CELLULOSE AND METHOD OF MAKING SAME
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application July 25, 1934, Serial No. 736,909
4 Claims. (Cl. 106—40)

1. Process for the production of solutions for use in the manufacture of colored artificial filaments and similar articles, which comprises agitating in acetone a powdered metallic galvanic couple and an indigo-type vat dyestuff which is insoluble in acetone but the leuco compound of which is soluble in acetone, removing said galvanic couple and excess unchanged vat dyestuff from the resulting solution of the leuco compound, kneading the acetone solution obtained with a plastic mass having a basis of a substance selected from the group consisting of cellulose formate, cellulose acetate, cellulose propionate, cellulose butyrate, methyl cellulose, ethyl cellulose and benzyl cellulose and containing a small percentage of hydrogen peroxide and adding the resulting product to a solution of said substance.

2,128,339
INSTRUMENT DIAL ILLUMINATION
Cyril T. Wallis, Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 26, 1936, Serial No. 71,062
1 Claim. (Cl. 240—8.16)

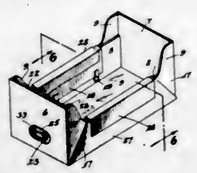


The combination in an instrument panel, of a light source, a plurality of adjacent instruments with dials and casings therefor, apertures in said casings to admit light from said light source to illuminate said dials, said instruments being so constructed and associated with said light source that the light intensity on one of said instrument dials would ordinarily be greater than on another of said instrument dials, and means to reduce the light intensity on said one dial to provide substantially uniform intensity on said respective dials, which consists in the provision of a window of light transmitting material in the aperture of the instrument casing therefor on which material is printed a half-tone with that size screen which has been found to permit the passage therethrough of only sufficient light to obtain an intensity on said one dial which is substantially the same as that on said other dial.

2,128,340
METHOD OF PRODUCING STABLE SOLUTIONS OF CELLULOSE TRIACETATE
Karl Werner, Mainz-Mombach, Germany
No Drawing. Application October 9, 1937, Serial No. 168,292
4 Claims. (Cl. 260—102)

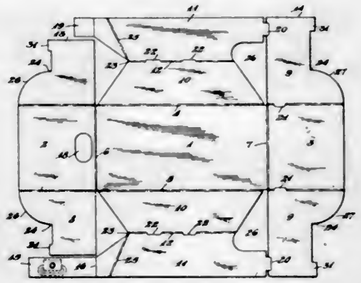
1. A method of preparing stable solutions of acetone insoluble triacetate soluble in concentrated acetic acid and substantially devoid of lower acetates of cellulose and hydrolysis products of cellulose which comprises acetylating cellulose in the presence of a catalyst until an acetyl content greater than about 60% acetyl content is obtained, neutralizing the catalyst and thereafter heating said solution for about 4 to about 6 hours at a temperature of about 80° C. to about 100° C. whereby solutions of triacetate of acetone insoluble cellulose soluble in concentrated acetic acid and substantially devoid of lower acetates of cellulose and products of the hydrolysis of cellulose and capable of storage without coagulation for a relatively long period of time are produced.

2,128,341
CONTAINER
Philip Zalkind, New York, N. Y.
Original application September 3, 1932, Serial No. 631,682. Divided and this application October 10, 1933, Serial No. 692,937. Renewed July 21, 1937
16 Claims. (Cl. 229—34)



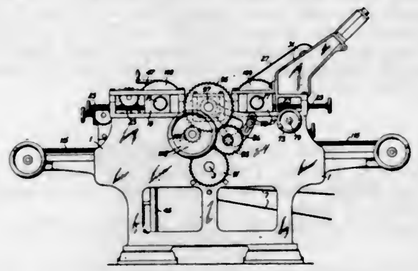
8. In a collapsible container, an end wall, side wall; tongues extending from said end wall and engaging said side wall; an auxiliary outside bottom and side wall piece upon which the blank of the container is superimposed, said auxiliary piece having an extension for securing the sides and the tongues of the container together; and means for securing said extension of said auxiliary piece in a predetermined position relative to said side wall.

2,128,342
CONTAINER
Philip Zalkind, New York, N. Y.
Application October 10, 1933, Serial No. 692,937, which in turn is a division of application Serial No. 631,682, September 3, 1932. Divided and this application February 1, 1936, Serial No. 61,857
8 Claims. (Cl. 229—34)



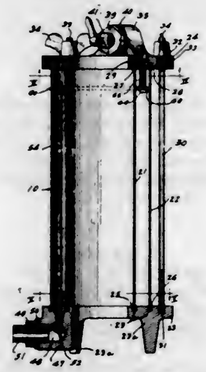
1. In a collapsible container; a front wall having a perforation therein; a side wall; an extension from said side wall arranged to lie in face to face relation with said front wall; and a handle mounted on said extension in cooperating relation with said perforation whereby said handle is accessible from the outside of said container through said perforation.

2,128,343
METHOD OF AND APPARATUS FOR PRINTING
Farwell G. Bemis, Brookline, and Arnold N. Weeks, North Scituate, Mass., assignors to Bemis Bro. Bag Co., St. Louis, Mo., a corporation of Missouri
Application April 10, 1936, Serial No. 73,770
14 Claims. (Cl. 101—178)



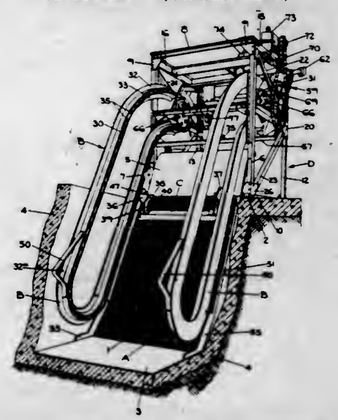
1. A method of printing comprising moving a web, moving a continuous and flexible and stretchable printing belt into contact with said web, minutely adjusting the belt by relaxing or stretching the same to obtain equal lineal speeds between it and said web, and subsequently using a gross adjustment but of the same type as said relaxing and stretching adjustment to accommodate another belt.

2,128,344
COOLER
Leon Bloch, Cleveland, Ohio, assignor to August L. Voight, Lakewood, Ohio
Application November 4, 1933, Serial No. 696,635
2 Claims. (Cl. 225—40)



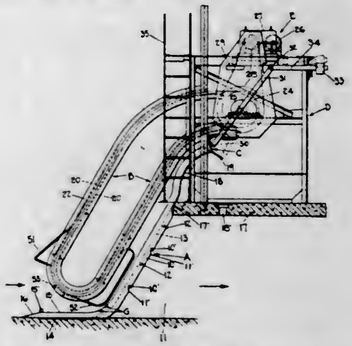
1. A beer cooler comprising a container forming a cooling compartment, means for delivering beer to said compartment adjacent the top thereof, said container being provided with a pair of drain passageways adjacent the bottom of said compartment and converging together into a common discharge orifice, said container also being provided with a third passageway between said converging passageways and ending at the point of convergence, and a vertical tube extending upwardly from said third passageway opening to a point adjacent the top of the cooling compartment.

2,128,345
MATERIAL HANDLING APPARATUS
Robert E. Briggs, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application December 8, 1933, Serial No. 701,548
21 Claims. (Cl. 210—176)



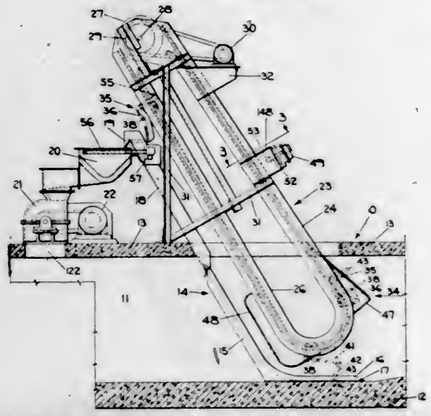
1. A screening apparatus comprising the combination with a screen portion, of a rake or scraper adapted to pass over the screen, a bucket operating over the screen in advance of the rake, mechanism for moving the rake and bucket along the screen, and hinged mountings for the rake and bucket for enabling the rake and bucket to assume operative positions upon passing a predetermined position relative to the screen, the said bucket being adapted to enter a sump adjacent the bottom of the screen and to collect therefrom granular material collected in the sump.

2,128,346
BAR SCREEN SCRAPER
Robert E. Briggs, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application August 16, 1934, Serial No. 740,159
14 Claims. (Cl. 210—176)



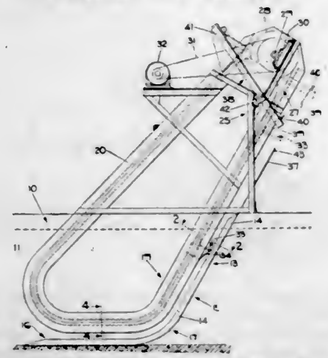
1. In a liquid screening apparatus, the combination with a screen having screen bars through which refuse carrying liquid is to be passed, a pivoted scraper provided with teeth adapted to interleave with said bars as said scraper moves relatively to said screen, and stationary yieldable cam means to maintain yieldingly said interleaved relation.

2,128,347
METHOD OF AND MEANS FOR TREATING SEWAGE
Robert E. Briggs, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application December 24, 1935, Serial No. 56,015
5 Claims. (Cl. 210—176)



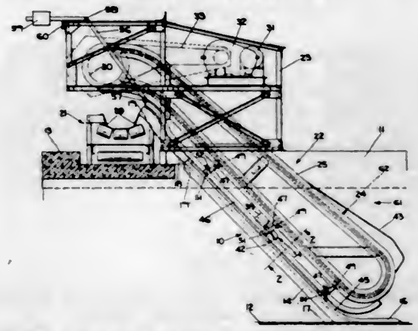
2. In liquid screening apparatus, the combination with a trough, of a screen extending into said trough, a pivoted rake mechanism, means for guiding said rake mechanism across said screen to clean it, said rake mechanism comprising spaced parallel plates, a rake plate having teeth, levers pivotally connecting said plate to said plates, scraper mechanism for said rake including levers also pivoted to said plates and a scraper plate extending therebetween, means for operating said scraper mechanism to clean said rake when a predetermined position is reached by said rake mechanism, and resilient cam means for maintaining said rake mechanism in operative relation with said screen.

2,128,348
BAR SCREEN SCRAPER
Robert E. Briggs, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application April 4, 1936, Serial No. 72,827
9 Claims. (Cl. 210—176)



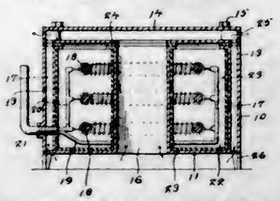
1. In a liquid screening apparatus, the combination with a rake, of a screen having screen bars adapted to be interleaved with the rake teeth, said bars having a substantially horizontal portion and a rectilinear inclined portion, endless draft means for said rake, U-shaped guide means for said rake and draft means consisting entirely of a pair of stationary non-rotary guide tracks extending along the edges of said screen and having both horizontal and inclined portions above said screen, each of said guide means being formed of a pair of parallel plates having two spaced arcuate portions around which said draft means slide and being so constructed and arranged that said rake in traveling in its path of movement first interleaves the horizontal portion of said screen and then the inclined portion thereof, and means for driving said draft means and said rake.

2,128,349
BAR SCREEN SCRAPER
Robert E. Briggs, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application July 1, 1936, Serial No. 88,439
15 Claims. (Cl. 210—176)



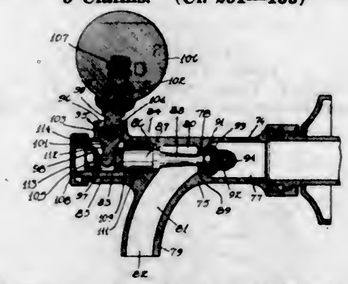
1. In sewage screening apparatus, the combination with a stationary screen positioned to extend within a sewage stream with a portion thereof projecting out of said stream, of a pivoted rake, means for moving said rake along said screen, cam means extending substantially the entire length of that portion of said screen which is within said stream, said cam means being above and normally out of contact with said rake during its upward travel along said screen and being constructed and arranged to maintain said rake in interleaved relation with said screen, and means mounting said cam for limited movement away from said screen.

2,128,350
WATER HEATER
Clyde L. Chacey, Leavenworth, Kans.
Application May 17, 1937, Serial No. 143,159
1 Claim. (Cl. 219—38)



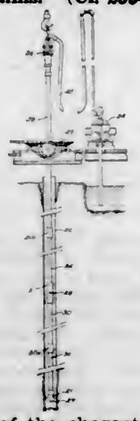
An electric water heater comprising a casing having a bottom, side and end walls, respectively, a removable hollow head topping said casing, said casing having spaces inwardly of and next to the sides and ends thereof and opening into the hollow head and also through the bottom of the casing, a tubular column formed with the said casing and opening through the bottom thereof and into the hollow head, and an electric heating element including a plurality of resistance coils disposed concentrically about the said column interiorly of the casing between the bottom and the said head.

2,128,351
FAUCET
Richard T. Cornelius, Minneapolis, Minn.
Application September 21, 1936, Serial No. 101,772
5 Claims. (Cl. 251—133)



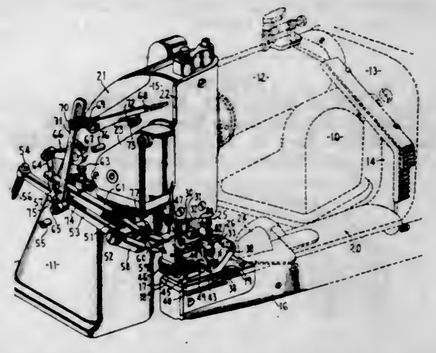
1. A faucet comprising a body having a passageway therethrough, a valve seat in said passageway, a guide having a bore therein concentric with said valve seat, a valve stem slidable along said bore, a valve head on said valve stem adapted to engage said valve seat, said bore opening to the exterior at one end and being enlarged at such end to form a shoulder, a packing encircling said valve stem and seated against said shoulder, a sleeve within said enlarged portion of the bore and engaging the packing, said sleeve assisting in guiding said stem for sliding movement, means for sliding said sleeve toward said packing and valve operating means extending through said guide and through said sleeve for sliding said valve stem along said guide.

2,128,352
METHOD AND APPARATUS FOR RELEASING FLUID FROM DRILL PIPE
Thomas A. Creighton, Lemoore, Calif.
Application October 20, 1936, Serial No. 106,558
10 Claims. (Cl. 255—28)



1. In a device of the character described, the combination of: a string of drill pipe having a discharge opening in the lower part thereof and a valve opening in the side wall thereof supplementing said discharge opening; a valve closure member in said string of pipe normally in a position to close said valve opening and to prevent escape of fluid from said pipe; and means movable into said pipe from an end thereof into operative relation to said valve closure member to move said valve closure member into open relation to said valve opening whereby fluid may flow through said valve opening to the exterior of said pipe.

2,128,353
SEWING MACHINE FEEDING MECHANISM
Charles W. Dowd, Highland Park, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y., a corporation of New York
Application March 25, 1936, Serial No. 70,871
11 Claims. (Cl. 112—214)



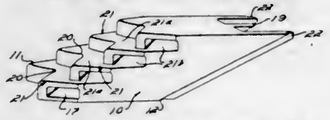
1. A sewing machine including in combination, a work support; a feed member downwardly and yieldingly engaging work on said work support; means for imparting feed movement to said feed member; and means for lifting said feed member in passing over thicknesses in the work such as cross-seams.

2,128,354
DRYING OIL
Eric William Fawcett, Northwich, and Eric Everard Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application November 22, 1934, Serial No. 754,368. In Great Britain November 24, 1933
10 Claims. (Cl. 87—12)

1. Process for the production of new and valuable drying oils from fish oils having an iodine number greater than approximately 120, which comprises heating such an oil under such conditions as to largely polymerize it, and then subjecting the oil to evaporative distillation in a vacuum of the order of that existing in cathode ray tubes and at such temperature and for such length of time as to evaporate off undesired unpolymerized and unpolymerizable material, including unpolymerized glycerides.

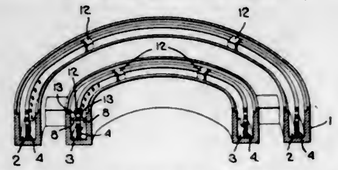
7. A polymerized fish oil preparation prepared from a fish oil originally having an iodine number greater than about 120 and selected from the class consisting of menhaden, Japanese sardine, herring and Canadian pilchard oils, said preparation characterized by being a clear, viscous, stable liquid free of all materials volatile in a cathode ray vacuum at 225–240° C.

2,128,355
TUYÈRE BLOCK
Rudolph G. Felger, Alex C. McLellan, Arthur S. Griswold, and Ernest E. Dubry, Detroit, Mich.
Application October 11, 1934, Serial No. 747,842
13 Claims. (Cl. 110—44)



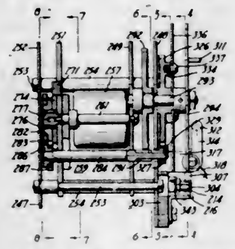
6. A tuyère comprising a series of horizontal vertically spaced table sections receding upwardly in stepped relation and each terminating in a centrally recessed nose portion, a central partition dividing the space between each adjacent pair of table sections into a pair of forwardly diverging air nozzles terminating in ports, said partitions being extended rearwardly to provide a common substantially continuous dividing wall longitudinally of the tuyère.

2,128,356
WICK FOR OIL BURNERS
Carl G. Fredrickson, Roslindale, Mass.
Application May 6, 1936, Serial No. 78,160
2 Claims. (Cl. 67—69)



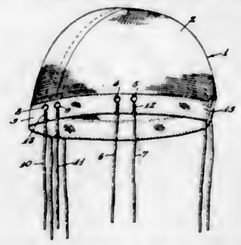
1. A wick for oil burners having a naked body of closely compacted fibrous non-combustible absorbent material which has integral therewith on its lower edge spaced supporting legs of the same absorbent material as that comprising the body of the wick, the body of the wick being provided with relatively large air feeding apertures extending therethrough, each open aperture being open on both sides of the body.

2,128,357
RECORDER
Carl M. F. Friden, Piedmont, Calif., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application July 7, 1931, Serial No. 549,136
1 Claim. (Cl. 200—38)



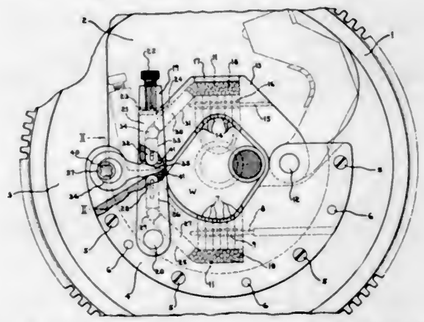
A timing device for use in an electric circuit including a plate, a day disc rotatably mounted on said plate and having an irregular periphery, a week disc rotatably mounted on said plate coaxially with said day disc and having an irregular periphery, a first pair of contacts and a second pair of contacts in series in said circuit, a first lever for actuating said first pair of contacts pivoted with respect to said plate and bearing at one extremity on the periphery of said day disc, a second lever for actuating said second pair of contacts pivoted with respect to said plate and bearing at one extremity on the periphery of said week disc, a drive shaft on said plate adapted to rotate, means including an intermittent action timing mechanism for rotating said drive shaft intermittently, and means connecting said day disc directly to said drive shaft and said week disc directly to said drive shaft for rotation thereby at different rates.

2,128,358
HAIR-STAY CAP
Bella C. Glick, New York, N. Y.
Application December 21, 1937, Serial No. 180,936
11 Claims. (Cl. 132—49)



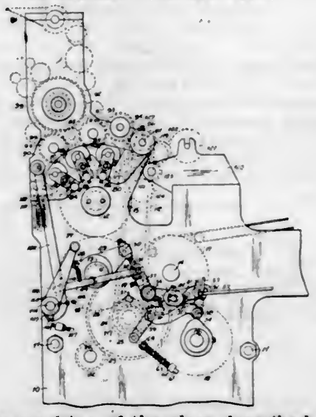
1. A cap comprising a body portion and means comprising flexible laces adapted to be interlaced with the hair to position the cap on the head.

2,128,359
CRANKSHAFT CHUCK
William F. Groene, Cincinnati, Ohio, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application April 21, 1937, Serial No. 138,205
20 Claims. (Cl. 82—40)



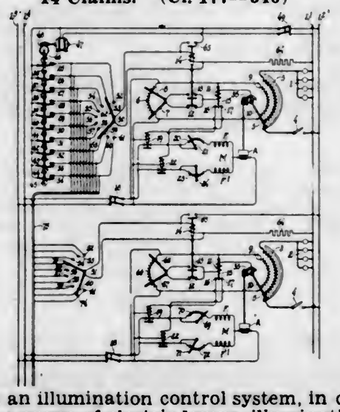
1. A gripping device comprising jaws movable relative to each other, a carrier member fixed relative to a work piece in said device for each of said jaws, chambers formed by portions of said jaws and of said carrier members, a medium in said chambers, capable of adapting itself to all shapes of said chambers, acting as a rigid abutment, interconnecting means for said chambers to permit flow of said medium between said chambers, and means for applying pressure to said medium to cause relative movement of said jaws.

2,128,360
INKING MECHANISM
Charles W. Harrold, Shaker Heights, and Clyde G. Horton, Bedford, Ohio, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio, a corporation of Delaware
Original application December 10, 1934, Serial No. 756,794. Divided and this application November 12, 1935, Serial No. 49,366
14 Claims. (Cl. 101—351)



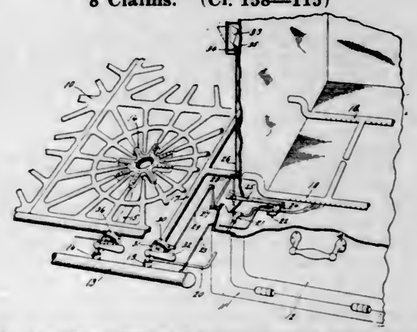
1. In a machine of the class described, a main frame, an inker comprising two frames each movably mounted on said main frame independently of the other, one of said frames carrying a form roll and the other carrying means continuously engaging said form roll for inking the same, and throw-off means for moving said two frames out of operative position.

2,128,361
ELECTRIC ILLUMINATION CONTROL SYSTEM
Richard B. Hunter, Shorewood, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application December 24, 1934, Serial No. 758,960
14 Claims. (Cl. 177—346)



1. In an illumination control system, in combination, a group of electric lamps, illumination intensity regulating means for said lamps, means for operating said regulating means between limits determining the minimum and maximum values of intensity of illumination of said lamps; said last mentioned means comprising a sending impedance and a receiving impedance connected in parallel in the form of a Wheatstone bridge, the balance of which determines the said limits of operation of said regulating means, said sending impedance having a pair of elements which are selectively effective each to determine a point of balance of said bridge, whereby to select a minimum and a maximum intensity of illumination, respectively, for said lamps, associated means operable by unbalance of said bridge automatically to restore balance of said bridge at one or the other of said points depending upon which of said elements is effective, and simultaneously to operate said regulating means to provide for sequential and gradual decrease or increase in the intensity of illumination of said lamps; means associated with the last named restoring means to render the same operative at a predetermined rate during said decrease of intensity of illumination and at a second predetermined rate during said increase of intensity of illumination, and power operated means to respectively time initiation of the decrease and the increase in said intensity of illumination with reference to a given cycle by rendering one or the other of said elements effective.

2,128,362
SAFETY LOCK FOR GAS COCKS
Maximillian P. Janisch, Milwaukee, Wis., assignor to Autogas Corporation, Chicago, Ill., a corporation of Delaware
Application December 21, 1931, Serial No. 582,278
Renewed December 22, 1937
8 Claims. (Cl. 158—115)

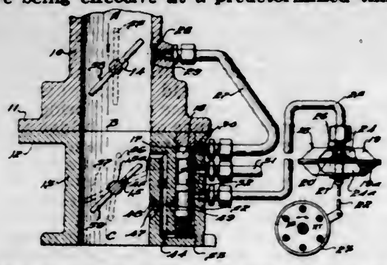


4. A safety device for use on gas ranges comprising a main burner, a gas conduit for said burner, a valve in said conduit controlling the fuel supply to said burner, an ignition burner controlled by said valve and positioned to ignite the main burner, a pilot burner positioned to ignite the ignition burner, and a thermal lock mechanism subject to the heat of the pilot burner and operable to lock said valve in closed position if the pilot burner should become extinguished while the valve is in closed position, and to permit opening the valve only if the pilot burner is burning.

2,128,363
SPARK CONTROL MECHANISM
Jarvis S. Jennings, Jr., Detroit, Mich., assignor to Monarch Governor Company, Detroit, Mich., a corporation of Michigan
Application August 8, 1936, Serial No. 94,989
9 Claims. (Cl. 123—117)

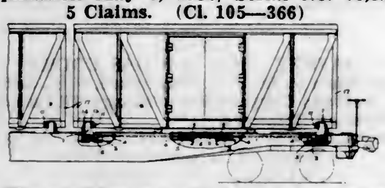
1. In a spark control device for an engine provided with an intake passage having a carburetor throttle valve and a governor valve therein, spark control means normally responsive to the pressure in the intake passage at the engine side of said governor valve, and a control valve responsive entirely to pressures existing at the up-

stream side of said governor valve, said control valve being effective at a predetermined time to



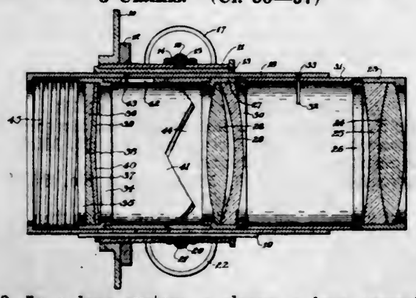
subject said spark control means entirely to the action of the atmospheric pressure.

2,128,364
SHOCKPROOF REMOVABLE CONTAINER CAR
William Platts Kellett, New York, N. Y.
Application May 7, 1936, Serial No. 78,327
5 Claims. (Cl. 105—366)



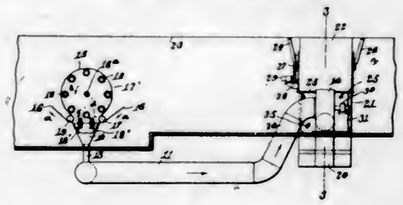
1. The combination with a container-carrying car having paired holding jacks pivoted to the car and slidably mounted thereon for cushioned fore and aft shock displacement in locking contact with a container, of a rectangular container adapted to embrace said jacks and removably mounted on said car and having recessed corner structures recessed horizontally and vertically into the container structure and projecting over and embracing said jacks, and lock means carried in part by said jacks and in part by the corner structures within the jack-embracing recesses and engageable only when said jacks are accommodated within said corner recesses to lock said jacks to said containers with the jacks accommodated therebelow, said recessed corner structures opening downwardly and outwardly to provide for lateral entry and removal of said holding jacks and to render the lock means accessible for manual operation from the side of the car.

2,128,365
LENS
Robert T. Killman and Thomas A. Killman, Nashville, Tenn.
Application October 24, 1936, Serial No. 107,324
3 Claims. (Cl. 88—57)



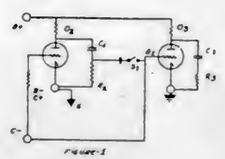
2. In a lens system, a sleeve, a lens assembly rotatably mounted within said sleeve, means preventing longitudinal motion of the lens assembly in said sleeve, a prism assembly mounted for longitudinal motion in said sleeve, means preventing rotation of the prism assembly in said sleeve, serrated cam members carried, one upon the prism assembly and one upon the lens assembly, and coacting one with the other whereby rotation of the lens assembly relative to the prism assembly causes longitudinal motion of the prism assembly relative to the lens assembly.

2,128,366
RETURN AIR CONDENSER SYSTEM FOR NAPPERS
Harry W. Knowlton, Lowell, Mass.
Application January 27, 1937, Serial No. 122,558
2 Claims. (Cl. 26—29)



1. In a system for treating cloth, a napper, a funnel located with its wider end uppermost and of dimensions substantially equal to the area of the bottom of the napper, said funnel having its upper end in close proximity to the napper whereby substantially all of the flock produced by the napper will drop directly into the funnel, a cleaner for said napper in said funnel, a suction fan having an outlet pipe, a casing through which air from said pipe passes, a screen in said casing for removing entrained flock from the air passing through the casing, a suction pipe leading to said fan, and pipe connection means between the bottom of the funnel and said suction pipe.

2,128,367
ELECTRICAL MUSICAL INSTRUMENT OF THE TYPE EMPLOYING GASEOUS DISCHARGE TUBES
Winston E. Kock, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio
Application December 11, 1935, Serial No. 53,955
8 Claims. (Cl. 84—1)

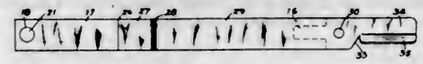


1. In an electrical musical instrument, a plurality of electrical oscillation generators, each of said generators comprising a gaseous glow discharge tube of a type having an anode, a cathode and a grid, and means for applying a voltage generated by one of said oscillation generators to the grid of a second of said oscillation generators, whereby to cause said second oscillation generator to oscillate at a frequency bearing a definite and fixed relationship to the frequency of the first mentioned oscillation generator.

2,128,368
METHOD OF MAKING WATERPROOF IGNITING COMPOSITIONS
Lars Erik Larsson, Jonkoping, Sweden, assignor to Aktiebolaget Siefvert & Fornander, Kalmar, Sweden
No Drawing. Original application November 20, 1933, Serial No. 698,942. Divided and this application May 15, 1936, Serial No. 80,022. In Sweden November 28, 1932
3 Claims. (Cl. 52—27)

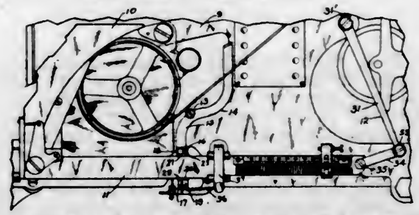
1. A method of manufacturing a moisture-proof initial igniting body which consists in mixing in an organic solvent, to form a pasty mixture, resol, a chlorate of alkali, and combustible and filling materials, said resol amounting to between 15 and 30 per cent and said chlorate of alkali amounting to at least 50 per cent by weight of the dry ingredients, forming such mixture into an igniting body, and evaporating the solvent.

2,128,369
SLUG ADJUSTER
Robert J. Lloyd, Detroit, Mich.
Application May 16, 1938, Serial No. 208,270
7 Claims. (Cl. 199—61)



1. In a slug adjuster for typesetting machines comprising a bar, means pivotally mounted to said bar, one end being provided with means for horizontal adjustment of said bar to said machines, said first named means adapted for arcual movement and the end adapted to engage the slugs as ejected.

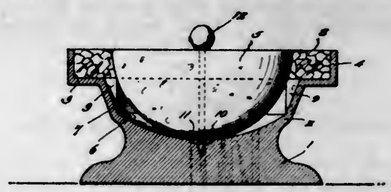
2,128,370
BRAKE SHOE FOR TYPESETTING MACHINES
Robert J. Lloyd, Detroit, Mich.
Application May 16, 1938, Serial No. 208,271
9 Claims. (Cl. 199—30)



1. A brake for assembler rails of typesetting machines, comprising a lever, shoes detachably secured to said lever and spherical means mounted in said shoes adapted to bear on the top and bottom edges of said rail.

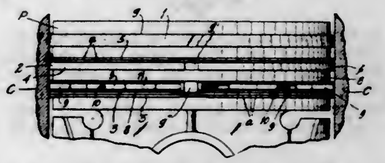
2,128,371
DISH
Ray E. Lumpkin, San Antonio, Tex., assignor to L. W. Fowler
Application July 24, 1937, Serial No. 155,526
2 Claims. (Cl. 65—15)

1. A dish of the character described comprising a base, a bowl formed integral with the base and extending upwardly from the upper end thereof, and an outstanding shelf surrounding said bowl at the upper end thereof and formed with an upstanding flange about its outer periphery, portions of walls of the bowl being projected outwardly to provide internal channels counter-sunk with respect to the inner surface of the bowl and leading from the shelf into the



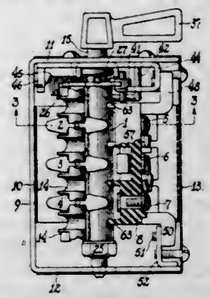
bowl and constituting means through which water may flow from the shelf into the bowl.

2,128,372
PISTON RING
Charles A. Marien, St. Louis, Mo., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo., a corporation of Missouri
Application February 16, 1938, Serial No. 190,759
6 Claims. (Cl. 309—45)



1. A two-part piston packing made up of a thin helical steel ring and a cast iron ring in juxtaposition therewith, all the coils of the helix lying on the same side of the cast iron ring.

2,128,373
CIRCUIT CONTROLLING DEVICE
Harold L. Mekelburg, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application February 18, 1937, Serial No. 126,367
10 Claims. (Cl. 200—6)



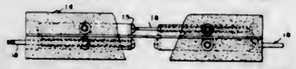
1. In an electric switch, in combination, cooperating stationary and movable contacts, a support for said movable contacts comprising molded insulation having formed therein cavities to support said movable contacts and to permit rocking movement thereof individually, and springs mounted within said support for normally holding said movable contacts in given positions and to oppose rocking movements thereof, said movable contacts being removable from said support by manipulation and said support being provided with shoulders for engaging said contacts to secure the same against dislocation by forces met with in normal operations.

2,128,374
WRAPPER FOR CIGARS OR THE LIKE
Biagio Midulla, New York, N. Y.
Application May 3, 1937, Serial No. 140,522
3 Claims. (Cl. 131—11)



2. A wrapper comprising a holder having one end closed and one end open, the material at the open end being folded back upon itself to provide a smooth holder entrance reinforced by a reinforcing band, and a tongue or tear tab extending from said band toward the closed end.

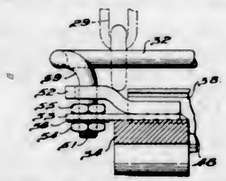
2,128,375
BUILDING CONSTRUCTION
Raymond B. Millard, Tulsa, Okla.
Application January 13, 1938, Serial No. 184,814
2 Claims. (Cl. 72—68)



1. An article of the character described comprising a pre-cast slab of cementitious material, having embedded entirely therein a reinforcing frame made up of parallel side and end pieces all formed of T-iron and all having outwardly extending webs, hollow sleeves extending between the opposite sides and end pieces and opening to the outer faces of the corresponding flanges, the sleeves extending in one direction being below the web and the sleeves extending in the opposite direction being above the web, threaded nuts attached to the outer faces of the flanges, one of said nuts being provided for each sleeve end and positioned on the opposite side of the web with respect to said sleeve end, and a plurality of apertures in the cementitious material extending from the outer edges of the slab, and registering with each of said nuts and sleeve ends to permit access thereto.

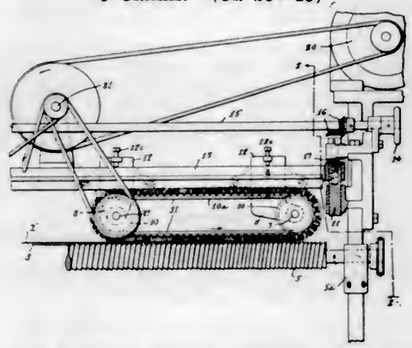
2,128,376
CAR LOADING DEVICE
Sulo M. Nampa and Stuart C. Japinga, Detroit, Mich., assignors to The Worth Company, a corporation of Michigan
Application January 6, 1936, Serial No. 57,670
4 Claims. (Cl. 105—368)

1. In combination with an automobile loading frame, an anchor bar integrally connected at one end thereof to said frame and having an intermediate straight portion and an opposite end portion extending at right angles to said straight portion, means on said frame having an opening for the reception of said opposite end portion, said end portion being maintained in said opening against the force of normal anchoring loads by reason of the inherent rigidity of said bar, means associated with said bar for preventing accidental removal of said end portion from said



opening incident to abnormal loads, and means for anchoring an automobile on said frame engaging with said bar intermediate its ends and removable endwise of said bar only when said opposite end thereof is removed from said opening.

2,128,377
CLOTH FINISHING MACHINE
Charles G. Richardson, Springfield, Vt., assignor to Parks & Woolson Machine Company, Springfield, Vt., a corporation of Vermont
Application August 22, 1934, Serial No. 740,959
6 Claims. (Cl. 26—15)

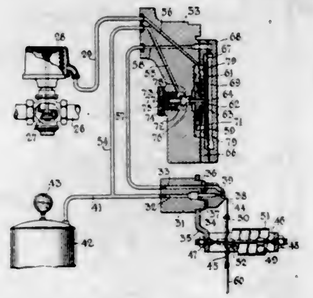


1. In a cloth finishing machine having cloth finishing mechanism the combination of a cloth supporting element having a smooth flat cloth supporting surface extending forwardly from close proximity to the cloth finishing mechanism, a rotary curl eliminator arranged transversely of the cloth in close proximity to the front of said support in position to direct the cloth with its uncurled edge portions in flat condition upon said support, means for yieldingly maintaining the flattened marginal portions of the cloth against said support comprising an outwardly travelling transversely arranged belt engaging the marginal portion to keep the cloth lying flat against the support until it is delivered to the finishing mechanism.

2,128,378
CONTROL METHOD AND APPARATUS
Otto Scharpf, Milwaukee, Wis., assignor to Johnson Service Company, Milwaukee, Wis., a corporation of Wisconsin
Application August 6, 1936, Serial No. 94,703
15 Claims. (Cl. 236—82)

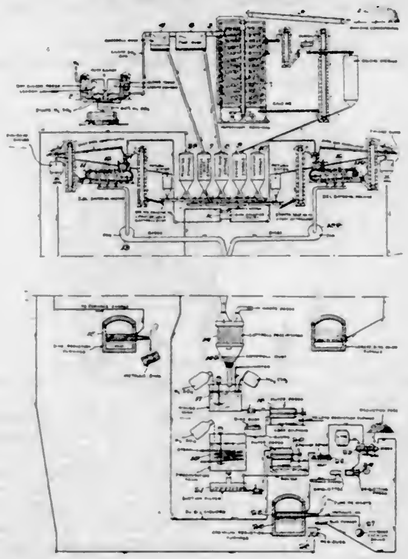
1. The combination with a main conduit having a restriction therein and terminating in an open end beyond said restriction, of a branch conduit communicating with said main conduit in close proximity to the open end thereof; a source of fluid supply for said main conduit; and a thin

vane movable in a plane substantially at right angles to the axis of said main conduit and in



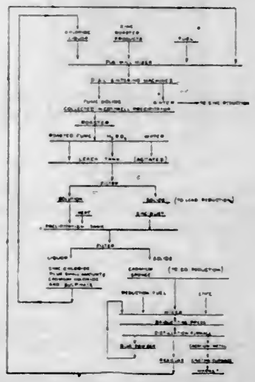
spaced relation to the open end of said main conduit.

2,128,379
RECOVERY OF VALUES FROM ZINC CONCENTRATES
George Le Roy Spencer, Jr., St. Louis, Mo., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo., a corporation of Maine
Application June 1, 1937, Serial No. 145,893
10 Claims. (Cl. 75—1)



2. The process of recovering values from zinc ore concentrates containing lead, cadmium and other impurities, which consists in calcining the concentrates, whereby lead and cadmium are removed therefrom in the calcine fumes, collecting lead and cadmium in solid form from said fumes, sintering the calcine while adding zinc chloride, collecting in solid form lead and cadmium volatilized during the sintering, mixing the same with water sulphuric acid and an oxidizing agent under agitation, filtering the solution, adding sulphuric acid to the clear filtrate and heating to approximately 80° C., adding zinc dust, filtering and washing cadmium sponge precipitated therefrom, returning the zinc chloride liquor from the filter press for reuse in sintering operations, mixing the cadmium sponge with a reducing fuel and an alkaline earth metal oxide, distilling metallic cadmium therefrom, and returning the residues to the sintering machine.

2,128,380
RECOVERY OF VALUES FROM ZINC CONCENTRATES
George Le Roy Spencer, Jr., St. Louis, Mo., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo., a corporation of Maine
Application June 28, 1937, Serial No. 150,812
13 Claims. (Cl. 75—21)

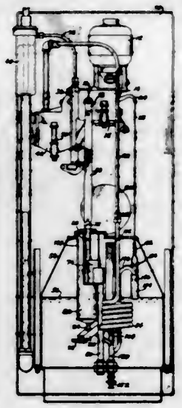


1. The process of recovering values from zinc ore concentrates containing lead, cadmium and other impurities, which consists in calcining the concentrates, whereby lead and cadmium are removed therefrom in the calcining fumes, collecting lead and cadmium in solid form from said fumes, sintering the calcine while adding zinc chloride, collecting the sinter fumes in solid form, subjecting the collected solids to an oxidizing roast, then mixing the oxidized solids with water and sulphuric acid under agitation, filtering lead from the solution, heating the clear filtrate to approximately 80° C. and adding zinc dust thereto, filtering therefrom precipitated cadmium sponge, returning the zinc chloride liquor from the filter press for reuse in sintering operations, mixing the cadmium sponge with a reduction fuel and an alkaline earth metal oxide, distilling metallic cadmium from the sponge and returning the residue to the sintering machine.

2,128,381
GAS ANALYZING APPARATUS
Albert F. Spitzglass and George W. Grisdale, Chicago, Ill., assignors to Republic Flow Meters Company, Chicago, Ill., a corporation of Illinois
Application February 5, 1936, Serial No. 62,420
6 Claims. (Cl. 23—256)

1. An instrument comprising a source of supply of gas, a reservoir for a liquid reagent, a coiled conduit receiving gas from said source and which is submerged in the reagent, a volume measuring device above the reagent, an upright tube passing through the reagent and receiving gas from the conduit and which communicates at its lower end with the exterior of the instrument and which communicates at its upper end with said volume measuring device, means for passing through the reagent successive quantities of gas

measured by the volume measuring device, and measuring means for determining a character-



istic of said quantities of gas after treatment thereof by said reagent.

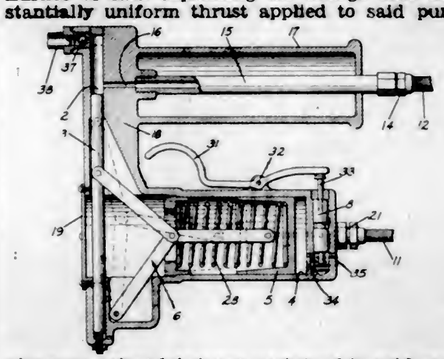
2,128,382
LUBRICATING DEVICE
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application February 4, 1935, Serial No. 4,769
15 Claims. (Cl. 221—47.3)



1. A lubricating device comprising, a cylindrical lubricant-containing cartridge having an outlet opening in one end and a piston forming a movable closure for the opposite end, a pump unit having an inlet, a quick detachable connection for securing said pump unit to the side wall of the cartridge at the outlet end and for establishing lubricant communication between the cartridge outlet and pump inlet, a cartridge piston operating mechanism, and quick detachable means for securing said mechanism upon the rearward end of said cartridge in operative registration with said cartridge piston.

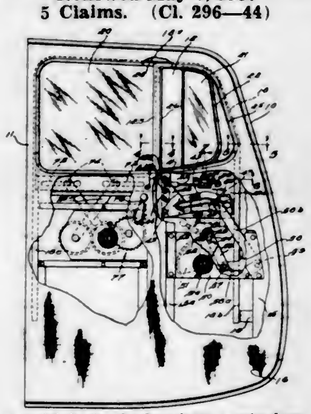
2,128,383
LUBRICATING DEVICE
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application April 20, 1935, Serial No. 17,406
7 Claims. (Cl. 221—47.3)

1. A lubricating gun, comprising, a lubricant pump cylinder, a piston plunger mounted for reciprocation in said cylinder, an air cylinder, an air operated piston in said air cylinder, means for admitting a charge of compressed air to said air cylinder and thereafter closing the air inlet to the cylinder whereby said air charge may expand and drive said air piston, and drive means including a toggle linkage connected to said air piston and said pump plunger for translating the decreasing thrust of said air piston under the influence of said expanding air charge into substantially uniform thrust applied to said pump



plunger against lubricant contained in said pump cylinder.

2,128,384
WINDOW VENTILATING MECHANISM
Millard H. Toneray and Earl H. Pickett, Detroit, Mich., assignors to Hudson Motor Car Company, Detroit, Mich., a corporation of Michigan
Application September 23, 1933, Serial No. 690,644
Renewed May 7, 1937
5 Claims. (Cl. 296—44)



1. In a vehicle body having a window opening, a pair of window glass panels slidable vertically into and out of position within a window well, one of said panels comprising a skeleton frame and a glass panel pivoted within the frame on a vertical axis located intermediate the front and rear edges of the panel, mechanism for swinging said glass when the frame is elevated and including means for sliding the entire frame and glass vertically, and a common vertical guide fixed to the body and located wholly within said window well for independently guiding adjacent vertical edges of said panels during sliding movement thereof.

2,128,385
TELEPHONE APPARATUS
Fiorentino G. Troisi, Pittsburgh, Pa.
Application August 29, 1935, Serial No. 38,469
4 Claims. (Cl. 179—119)

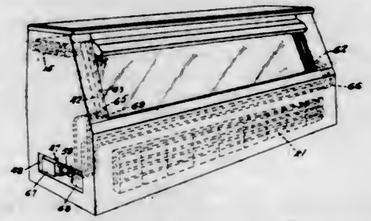
1. A telephone unit comprising a permanent magnet carrying a pair of detachable pole pieces, an electromagnet embraced by said pole pieces, said electromagnet comprising a spool having

separate flanges and a discontinuous one-piece sheet metal armature housing having elements



holding said spool in assembled relation and projecting between said pole-pieces and in contact therewith for limiting the positions of the latter.

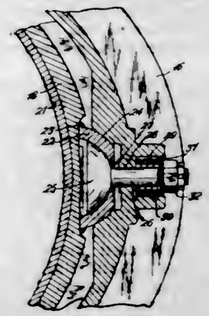
2,128,386
DEHYDRATING AND DEFROSTING SHOW-CASE REFRIGERATOR
Virgil P. Warren, Atlanta, Ga.
Application December 14, 1936, Serial No. 115,887
1 Claim. (Cl. 62—89.5)



In a showcase refrigerator of the type having a window formed by panes of glass spaced apart to form intervening air cells, separate means for dehydrating the air in each of said cells and comprising a closed circulation system for each one of said cells forming a part, a drier in each of said circulation systems, a motor having blowers connected to opposite ends of its rotor shaft, each blower being connected to one of said air circulation systems and time controlled means for operating said motor.

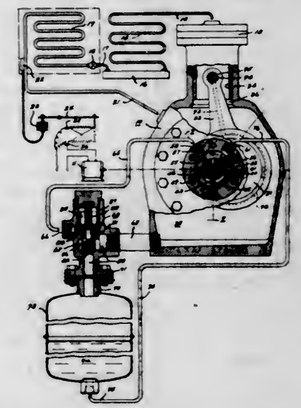
2,128,387
BRAKE
William G. Wehr, Wickliffe, Ohio, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio, a corporation of Ohio
Application September 19, 1935, Serial No. 41,246
2 Claims. (Cl. 188—152)

1. In a brake, a drum arranged for attachment to a revoluble element, a brake arm pivotally mounted adjacent said drum, and a brake shoe carried by said arm adapted to engage the cylindrical part of said drum, said arm having a spherical socket therein, a hollow spherical element carried by the shoe fitting in said socket, and a bolt mounted in the arm and projecting through an opening in said spherical element, the head



of the bolt being spherical and fitting against the inner surface of said spherical element.

2,128,388
REFRIGERATING APPARATUS
Harry M. Williams and Albert J. Timmer, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application December 31, 1934, Serial No. 759,812
4 Claims. (Cl. 230—206)



1. In combination with a compressor employed to circulate a refrigerant through a refrigerating system in which the refrigerant is miscible with a lubricant contained in the system, means for circulating the lubricant to operating parts of the compressor, said means being rendered effective by operation of the compressor for circulating the lubricant to operating parts thereof, means for conducting the circulated lubricant away from said compressor, means connected with said conducting means for receiving lubricant conveyed from said compressor, said lubricant receiving means also having a connection with said lubricant circulating means for supplying it with lubricant to be circulated, means rendered effective upon stopping the operation of said compressor for closing said conducting means to isolate the lubricant removed from said compressor from refrigerant in the refrigerating system, and said last named means also being rendered effective automatically in response to operation of said compressor for opening said conducting means.

2,128,389
METHOD OF PRODUCING A DEEP DRAWN ARTICLE OF SHEET IRON

John L. Young, Pittsburgh, and Allen Cameron Jephson, Johnstown, Pa., assignors to National Radiator Corporation, a corporation of Maryland

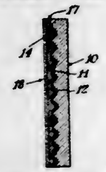
No Drawing. Application November 15, 1935, Serial No. 50,003
2 Claims. (Cl. 113—51)

1. The method of producing a deep-drawn article of sheet-iron which consists in depositing electrolytically upon a stripping cathode a sheet of iron having a small amount of iron oxide occluded at its grain boundaries and being substantially free of impurities of a reducing nature, removing the deposited sheet from the cathode, heating the sheet substantially to the upper critical and cooling it again before appreciable change has occurred in its crystalline structure, and deep-drawing the so treated sheet between dies, whereby tendencies to tear are diminished and a surface of superior excellence is afforded.

2,128,390
IMITATION CLOISONNÉ AND METHOD OF MAKING THE SAME

Marius Zerilli, South Ozone Park, N. Y., assignor to Harry R. Singer, Brooklyn, N. Y.

Application December 26, 1935, Serial No. 56,276
16 Claims. (Cl. 41—38)



9. Method of ornamenting embossed celluloid which consists in washing the surface to be ornamented with a solution containing the nitrate of a metallic salt, allowing said surface to dry, flooding said dried surface with a salt solution of a metal and allowing the same to lie while the metal is uniformly precipitated upon said flooded surface, removing the liquor and sediment from the metal coated surface, removing the metallic coating from the raised portions of the embossed surface, and applying a quick drying coating of an opaque substance of contrasting color upon said embossed surface including the ornamented portion thereof.

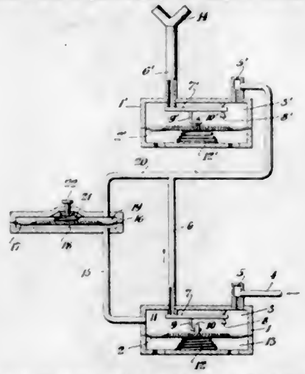
13. Imitation cloisonné comprising a sheet of transparent celluloid, said sheet having a pattern formed in relief on one surface thereof, a layer of metallic silver adhering to the depressed portions of the said surface, and a coating of opaque material of contrasting color applied to the raised portions of the said surface.

2,123,391
DEVICE FOR PRODUCING MULTIPLE FLASH SIGNALS

Hugo Abramson, Lidingo, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J., a corporation of New Jersey

Application March 24, 1937, Serial No. 132,752
In Sweden April 3, 1936
9 Claims. (Cl. 67—111)

2. In a device for producing multiple flash signals, a first valve, means responsive to variations in pressure of gas ahead of said valve for opening and closing said valve at regular intervals, a second valve connected in series with said first valve, means responsive to variations in pressure of gas ahead of said second valve for opening and closing said second valve at regular intervals a plurality of times each time said



first valve is open, and means responsive to pressure between said valves for maintaining equal the quantities of gas passed by said valves during a plurality of function periods of said first valve.

2,128,392
FLAMEPROOFING COMPOSITION

Charles M. Albion, Boston, Mass., assignor to Herbert B. Morse, Wellesley, Mass.

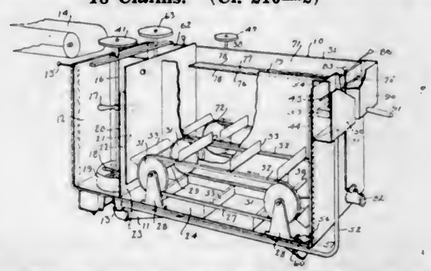
No Drawing. Application May 12, 1937, Serial No. 142,314
6 Claims. (Cl. 106—31)

1. A composition of matter as and for the purposes hereinbefore described, consisting of a water-repellent material selected from the group consisting of asphalt, coal tar and wax, an inert substance carrying chlorine adapted to liberate chlorine when heated, and a heat fusible substance selected from the group consisting of borax and silicate of soda.

2,128,393
METHOD OF AND APPARATUS FOR TREATMENT OF FLUIDS

Kenneth B. Allen, Dayton, Ohio

Application August 3, 1934, Serial No. 738,303
18 Claims. (Cl. 210—2)

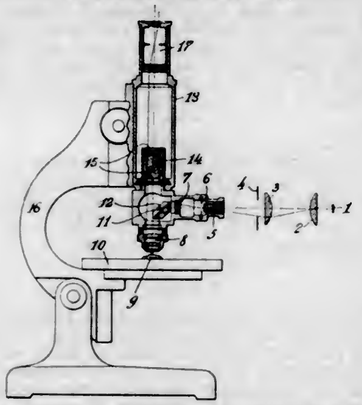


1. The method of treating fluids for the removal of suspended solids which comprises the continuous mixing and vigorous agitation of untreated fluid and a floc forming substance in controlled proportions, then gently agitating the mixed fluid during an interval of floc formation, then withdrawing and more vigorously agitating the formed floc, then subsequently settling the formed floc and continuously clarifying the fluid by an upward flow through the settled floc.

2,128,394
MICROSCOPE

Max Berek, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany

Application August 27, 1937, Serial No. 161,207
3 Claims. (Cl. 88—40)

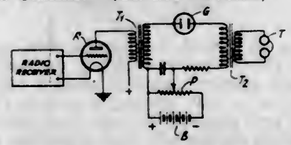


1. A microscope for determining the optical constants of opaque anisotropic substances in polarized reflected light comprising an objective, an analyzing prism and an eye piece in optically operative relation with a common optical axis; a polarizing prism, means for supporting the same in the path of the incoming light rays with the optical axis of said prism at a right angle to the optical axis aforesaid, a deflecting prism interposed between said polarizing prism and the objective for deflecting at ninety degrees the light rays from the said polarizing prism to the said objective; said deflecting prism having a light entrance surface and a light emitting surface at ninety degrees to each other, the light entrance surface being at ninety degrees to the incoming rays, said deflecting prism having an uneven number of total reflecting surfaces, the relative refractive indices between the medium of incidence and the medium externally surrounding said total reflecting surfaces having a value of $n=\sqrt{3}=1.732$ to within five per cent thereof for the purpose of affecting a linear and azimuthal homogeneous correction of the polarization condition of the deflected light from the polarizing prism to the objective.

2,128,395
MEASURING INSTRUMENT

Walter Berndt and Hans Erich Paul, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application May 19, 1937, Serial No. 143,491
In Germany July 6, 1936
5 Claims. (Cl. 179—175.31)

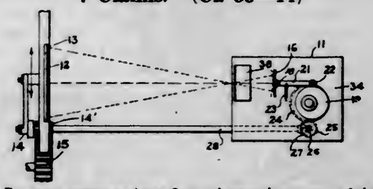


1. A measuring device comprising the combination of an amplifying tube having an output circuit, a sound translating device, a circuit coupling said output circuit and translating device and including a series connected glow discharge tube having two electrodes, a steady source of potential, a resistor connected across the terminals of said potential source and direct connections between said glow tube electrodes and spaced apart points on said resistor.

2,128,396
APPARATUS FOR OBSERVING RECIPROCATING OBJECTS

Arthur Robert Boas, Acton, London, England, assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application August 30, 1935, Serial No. 38,510
7 Claims. (Cl. 88—14)

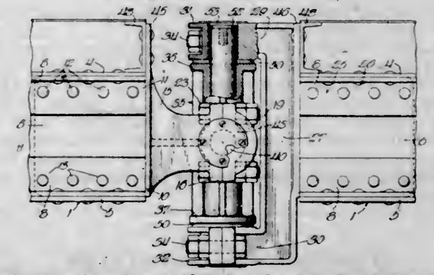


1. In an apparatus for observing an object on a body mounted and actuated for reciprocating movement, an enclosure, a light reflecting member mounted for rocking movement in the enclosure, a fixed light reflecting member supported in the enclosure, and means having a component extending from the enclosure to said reciprocating body actuating means for operably connecting the said rockable light reflecting member with the reciprocating body actuating means to move the rockable light reflecting member in synchronism with the reciprocating object and in constant reflecting relation to the fixed light reflecting member to cause a reflected image of the reciprocating object to appear stationary at a fixed point of observation during the reciprocation of the object.

2,128,397
CAR COUPLING DEVICE

Robert J. Burrows and Alfred O. Williams, Battle Creek, Mich., assignors to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan

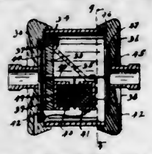
Application September 28, 1934, Serial No. 745,845
12 Claims. (Cl. 213—75)



1. A pair of cars having longitudinal frames in endwise alignment and a universal coupling between said frames comprising a pair of castings rigidly secured to the adjacent ends of the frames, each of said castings having yokes formed integral therewith, the yokes of one of said castings being disposed in a generally vertical position and the yokes of the other casting being disposed in a generally horizontal position, and a pivot block having pivots fixed with respect to each other and received directly by said yokes, respectively, to provide for permissive relative movement of one car frame with respect to

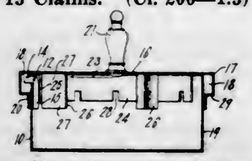
the other only about said pivots and to prevent any relative rotation of one car frame with respect to the other about a generally longitudinal axis.

2,128,398
SOUND REPRODUCER
Wilford Y. Cannon, Salt Lake City, Utah
Application September 16, 1935, Serial No. 40,747
1 Claim. (Cl. 179—116)



In a reproducing unit of the class described, the combination of a cylindrical spacer; caps to be screwed onto each end of said cylinder, said caps having centrally disposed hollow stems therein; sound transmitting tubes attached to each stem to carry the sound to the ears of the user; a flat magnet mounted to one of said caps; a U-shaped pole mounted onto one end of said magnet; a bar extended at an angle from one end of said magnet to a point spaced from the other end of said magnet; a U-shaped pole piece carried on said bar spaced to coincide with the sides of the first mentioned pole piece; a voice coil mounted between said pole pieces; an armature in said coil; spaced apart diaphragms mounted one in each cap; and a single connecting pin connecting the two diaphragms and the armature.

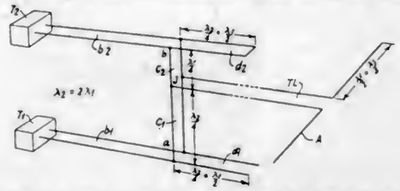
2,128,399
COIN AND BILL RECEPTACLE
Eugene Cardone, Brooklyn, N. Y.
Application August 1, 1936, Serial No. 93,889
15 Claims. (Cl. 206—1.5)



1. An openable coin savings device comprising an open container for coins and bills, a closure member rotatable about the container forming a frictional contact therewith and having a depending annular portion for partially covering the side of the container, a plurality of spaced locking members pivoted to said container, and a plurality of spaced members in said closure member corresponding with the locking members for accommodating the same to permit opening of the device.

2,128,400
TRANSMISSION LINE SYSTEM
Philip S. Carter, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 30, 1936, erial No. 88,073
9 Claims. (Cl. 250—33)

1. In combination, a first source of high frequency energy of wavelength λ, a second source of high frequency energy of wavelength 2λ, a main line and a load connected to said main line, a first two-conductor line connecting said first source to said main line, a second two-conductor line connecting said second source to said main line, a first shunt circuit connected across said first two-conductor line at a distance from the junction of said first line with the main line equal to one-quarter of the length of the wave 2λ, said first shunt circuit comprising a two-conductor line section whose length is equal to one-quarter of the length of the wave 2λ, the ends of said line section being open, a second shunt circuit connected across said second two-conductor line at a distance from the junction of said second line with the main line equal to one-quarter of the length of the wave λ, said second shunt circuit comprising a two-conductor line section whose



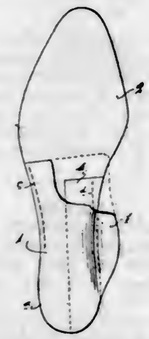
length is equal to one-quarter of the length of the wave 2λ, said last shunt circuit being closed at its end farthest removed from its point of connection, whereby each shunt circuit presents, at its point of connection across its two-conductor line, high impedance to the flow of energy of the frequency of the source directly associated with said line, and a low impedance to the flow of energy of the other source, and each two-conductor line presents a high impedance at the point of junction to said main line to the flow of energy coming from the other two-conductor line.

2,128,401
ROLLER CUTTER MOUNTING
Alfred C. Catland, Alhambra, and Philip C. Efromson, Whittier, Calif., assignors to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application November 17, 1936, Serial No. 111,182
10 Claims. (Cl. 255—72)



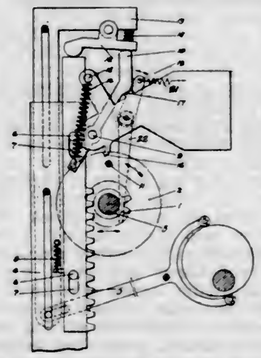
1. In a well drill, a body having spaced supports, a roller cutter between the supports and having an opening, axially spaced ball races on the interior of the cutter, a pin carried by the supports and passing through the opening, a ball race formed in the pin and opposing one of the first mentioned races, balls cooperating with the opposing races, the said opposing races being related so that a line passing through the points of contact of a ball with the races is pitched relative to the axis of the cutter whereby the balls assume the end thrusts toward one end of the cutter as well as the radial thrusts, a part on the pin, a ball race formed in said part and opposing the other of said first mentioned races, and balls cooperating with the last mentioned opposing races, the said last mentioned opposing races being related so that a line passing through the points of contact of a ball with them is pitched relative to the axis of the cutter whereby the last mentioned balls assume the end thrusts toward the other end of the cutter as well as the radial thrusts.

2,128,402
ARCH SUPPORT FOR SHOES
Levi W. Chelmo, Fort Worth, Tex.
Application February 28, 1936, Serial No. 66,269
1 Claim. (Cl. 36—71)



A shoe having in combination an insole, a saddle member above the said insole having an upturned projecting portion extending rearwardly from the ball and terminating at the heel end of the said shoe, the said saddle member being secured to the said insole by stitching along the opposite edge thereof rearwardly from the vicinity of the ball line of the said shoe to a point near the breast line.

2,128,403
TENS TRANSMITTING DEVICE FOR ADDING MACHINES
Tord Olof Rickard Dahlberg, Nockeby, Sweden
Application May 18, 1935, Serial No. 22,148
In Sweden September 13, 1934
4 Claims. (Cl. 235—138)

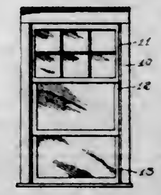


1. An adding machine comprising for each denomination a setting bar, a counting rack carried on and displaceable one pitch with respect to said setting bar, a reciprocating totalizer wheel adapted to be alternately engaged by and disconnected from said counting rack, a cam controlled member movable in a direction parallel to the counting rack, each member of the successive denominations being actuated in its proper turn when the setting bar is in its home position and the totalizer wheel is still in engagement with the counting rack, a displaceable abutment element disposed on said cam controlled member for engagement with the counting rack, means to normally keep said element in an inoperative position, a stationary support, a transfer initiating pawl pivoted on said support, means on the totalizer wheel of the next lower denomination to bring said pawl into a predetermined position in the path of said abutment element on said cam controlled member, when said totalizer wheel of the next lower denomination passes from nine to zero, and means to retain said pawl in said position, whereby said abutment element encounters said pawl during movement of said cam controlled member and is displaced so as to transmit one pitch of said movement to the counting rack and totalizer wheel.

2,128,404
COMPOSITION
Norman J. Dunbeck, Elfort, Ohio, assignor to Eastern Clay Products, Inc., Elfort, Ohio, a corporation of Ohio
No Drawing. Application November 1, 1937, Serial No. 172,307
7 Claims. (Cl. 22—188)

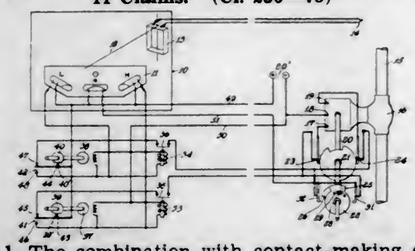
1. In a composition of matter, a mold composition comprising in combination, sand and a non-swelling clay of which montmorillonite is a large constituent.

2,128,405
WINDOW
Charles E. Eastman, Des Moines, Iowa
Application February 3, 1937, Serial No. 123,820
9 Claims. (Cl. 20—52)



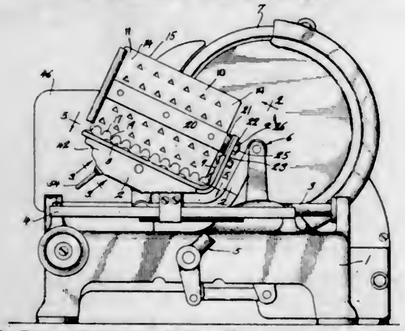
1. An improved window, comprising a frame, an upper sash mounted in the frame, a middle sash slidingly mounted in the frame, a lower sash slidingly mounted in the frame in such manner that the middle sash may move upwardly to a position substantially in line horizontally with the upper sash and downwardly to a position substantially in line horizontally with the lower sash, and means for limiting the upward movement of the middle sash to position with its top substantially in line horizontally with the bottom of the upper sash, said means being capable of movement to position where it will permit the middle sash to move upwardly to position adjacent the top of the window frame, said limiting means being so positioned as to be readily accessible to an operator at the inside of the window when the middle sash has been moved downwardly below the upper sash.

2,128,406
AUTOMATIC CONTROL SYSTEM
Frederick A. Faust, Waterbury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application August 13, 1936, Serial No. 95,749
11 Claims. (Cl. 236—78)



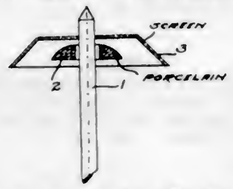
1. The combination with contact-making elements actuated respectively at low, neutral and high control points, a source of electrical power for the same, electrically controlled means operable, when the contacts of either the low or the high contact-making element are closed, for regulating the flow of a medium in accordance with the particular contact element actuated, and associated means for establishing lower and upper limits of operation of the electrically controlled means; of auxiliary means for establishing lower and upper limits of regulation of the electrically controlled means, operable within the range of the first-named limit-establishing means and only when the contacts of the neutral contact-making element are closed.

2,128,407
SLICING MACHINE
Joseph Folk, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application February 20, 1935, Serial No. 7,325
14 Claims. (Cl. 146—102)



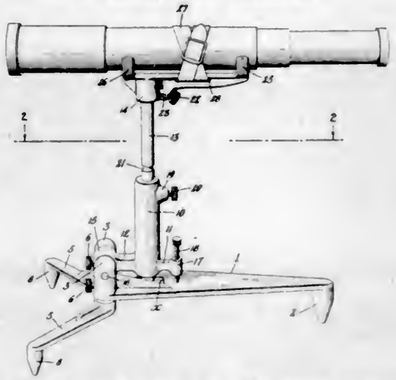
1. In a slicing machine having a gauge plate and a rotary knife, a pusher plate adapted to push substance toward the gauge plate and toward the cutting plane of the knife, the opposing edges and opposing surfaces of the pusher plate being provided with substance engaging prongs, spring means for giving limited movement to the pusher plate toward the gauge plate and cutting plane, said pusher plate being rotatably mounted on axes both parallel and perpendicular to the cutting plane of the knife whereby the opposing edges and the opposing surfaces of the pusher plate are capable of engagement with the side and end of the substance to accommodate both short and long, thin and thick substances.

2,128,408
RADIOACTIVE PROTECTIVE APPARATUS, SUCH AS LIGHTNING ARRESTERS AND HAIL PROTECTORS
Pierre Grenier, Paris, France, assignor to International Holding Radial, Luxemburg, Luxemburg, a company of Luxemburg
Application August 10, 1936, Serial No. 95,154
In Luxemburg August 12, 1935
7 Claims. (Cl. 173—31)



1. In an apparatus for affording protection against lightning and similar phenomena: a support, a radioactive substance carried by said support, a screen receiving the radiations emitted by said substance and controlling the ratio between the positive ions and the negative ions of the radiations issuing from said screen.

2,128,409
SCOPE STAND
Emil F. Hager, Brooklyn, N. Y.
Application August 28, 1936, Serial No. 98,281
2 Claims. (Cl. 248—158)



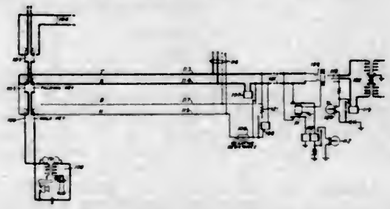
1. In a folding stand for rifle range telescopes, the combination comprising a base member, a plurality of vertically adjustable legs pivotally secured thereto and capable of limited rotation in a plane substantially parallel to the plane of said base, a pair of opposing terminal boss members carried by said base, a pivot member extending across the gap between said bosses and projecting into each of the same, a scope support including a sleeve member, a shank and a scope rest, said sleeve having a pair of opposing lateral lugs adjacent the lower end thereof, one of said lugs being mounted on said pivot and snugly fitting between said bosses in such a manner as to confine said sleeve in a single plane during the rotation thereof about said pivot, an upwardly projecting adjusting screw threaded into the other lug and projecting below the same for effecting accurate adjustment of the position of said scope in a vertical plane and means including a set screw carried by said sleeve and a peripheral groove formed in said shank for permitting of the adjustment of the latter to different elevations with respect to said sleeve while admitting of the rotation of the scope rest when said shank is so adjusted and preventing the longitudinal sliding movement of said shank and said sleeve.

2,128,410
MULTICONDUCTOR SIGNALING CABLE
Arthur G. Hall, Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 2, 1936, Serial No. 77,521
10 Claims. (Cl. 173—81)



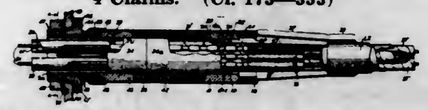
1. A section of cable containing a plurality of individually insulated conductor units, one of said units being placed to follow a path throughout the length of said section and another of said units being placed to follow another path throughout the length of said section, said paths being such that said other unit engages and crosses the first said unit at each of a plurality of points along said section and the angle of crossing being alternately of opposite direction to reduce interference between said crossing units said paths being located entirely in different concentric layers.

2,128,411
TELEPHONE SYSTEM
Clair W. Halligan, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 27, 1937, Serial No. 128,176
7 Claims. (Cl. 179—42)



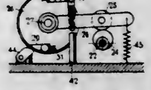
6. In a telephone system, a subscriber's station, a line circuit, switching means for establishing connections between said station and said line, a bridge extending between the talking conductors of said line, a variable-resistance element in said bridge, and means at said station for altering the resistance of said element to render said bridge effective to hold a connection on said line.

2,128,412
CABLE PLUG
Joseph J. Harley, Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 28, 1936, Serial No. 113,133
4 Claims. (Cl. 173—353)



1. The method of forming a terminal plug for a plurality of coaxial conductors disposed adjacent and in parallel relation to each other in a lead cable sheath which consists in passing the conductors in individual conducting tubes, inserting beads of soft material in the tubes, compressing the beads against the walls of the tubes and the centrally disposed conductors by screwing other conducting tubes in perforations in a disc member and into the first-mentioned tubes, securing the disc member to a sleeve extending over the first-mentioned tubes, placing such a sleeve in a shell, compressing another ring of soft material against the wall of the shell and the periphery of the sleeve through the tightening action of a screw-threaded member engaging the shell, the shell being secured at its other end to the lead sheath by soldering.

2,128,413
VARIABLE RATIO GEARING
František Hejduk and Jan Neumann, Prague, Czechoslovakia
Application November 27, 1935, Serial No. 51,936
In Czechoslovakia April 17, 1935
1 Claim. (Cl. 74—394)

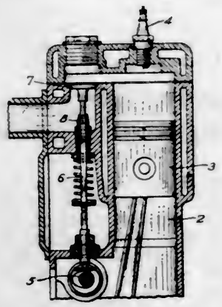


A variable ratio transmission for use in driving counting devices in stream flow meters for liquids, comprising two transmissions, a differential drive for connecting said transmissions, the principal one of said transmissions being of constant ratio and carrying out the larger part of the resultant motion, and the auxiliary one of said transmissions being changeable and carrying out the smaller part of the motion of said transmission by a value such that the overall ratio of said transmission is varied to a predetermined extent, said auxiliary transmission comprising a lever, a cam for imparting a swinging motion to said lever, a self-restraining friction coupling directly connected to said lever for adding the movements of said lever, means for connecting said coupling to said differential drive for transmitting motion of said lever to said differential drive, means for limiting the back movement of said lever and means for coupling an indicating device to said differential drive.

2,128,414
VALVE STEM GUIDE
Frank B. Hewel, Pittsburgh, Pa.
Application March 28, 1936, Serial No. 71,403
10 Claims. (Cl. 123—188)

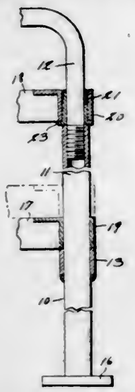
1. A valve stem guide for preventing a reciprocatory valve stem from sticking therein comprising a portion having metals of different coefficients of heat expansion for jointly contacting

the valve stem and expanding away therefrom, a second portion having an internal relieved part



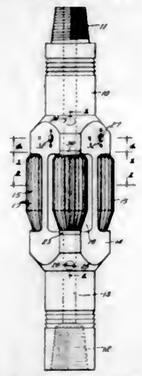
to reduce pressure on the valve stem, and another portion counterbored to prevent oil suction along the reciprocatory stem.

2,128,415
CONVERTIBLE BED STRUCTURE FOR TRAILERS
Ernest E. Hills, Oshkosh, Wis., assignor of one-third to Albert J. Ihrke, and one-third to John Edward Schein, both of Oshkosh, Wis.
Application November 9, 1937, Serial No. 173,678
3 Claims. (Cl. 5—9)



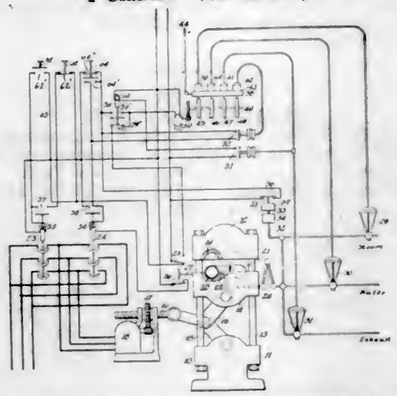
1. In a structure of the character described, a standard having an upper portion and a relatively lower portion, the diameter of the upper portion being less than the diameter of the relatively lower portion to provide a shoulder at the junction of the two portions, an element having an aperture through which the standard passes, the aperture having an internal diameter not less than the external diameter of the relatively lower portion of the standard, and a bushing for the aperture having an internal diameter approximately equal to the external diameter of the upper portion of the standard and having a flange greater in external diameter than the internal diameter of the aperture, the bushing having a radial slot having a width equal to the external diameter of the upper portion of the standard whereby the bushing may be inserted to engage the shoulder formed at the upper end of the relatively lower portion of the standard and support the element thereon.

2,128,416
REAMER CUTTER MOUNTING
John H. Howard, Huntington Park, and Alfred C. Catland, Alhambra, Calif.; said Catland assignor to Globe Oil Tools Company, a corporation of California
Application May 13, 1936, Serial No. 79,491
8 Claims. (Cl. 255—73)



1. In a well tool, a body, a roller cutter having an opening, a pin carried by the body and extending through the opening, series of anti-friction rollers in the opening surrounding the pin, said rollers having reduced ends, a spacer between said series of rollers, and lips on the spacer cooperating with the adjacent reduced ends of the rollers.

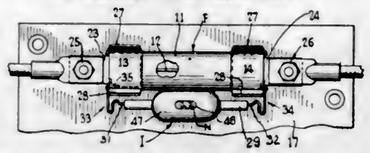
2,128,417
AUTOMATIC CONTROL FOR TIRE MOLDS AND THE LIKE
William J. Kerr, Waterbury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application September 28, 1935, Serial No. 42,557
4 Claims. (Cl. 18—17)



1. Means for controlling the opening of pressure-treating mechanism embodying a mold having relatively movable members affording a space therebetween to receive an article to be treated therein with a fluid under pressure, together with means for venting said space, said controlling means including control sequence mechanism intermittently operable during a cycle for controlling said venting means to initiate the venting of the fluid from said space and determine the time of opening of the said relatively

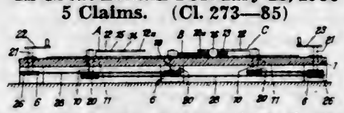
movable members thereof, an electric motor for driving said control sequence mechanism, a source of power supply for the motor and connected thereto, electrical relay means responsive to said venting means to interrupt said motor connection and to provide in part an alternative circuit to said motor from its said source of power, and means responsive to the pressure of the fluid within said space to complete said alternative circuit.

2,128,418
INDICATOR
Frank C. La Mar, New York, N. Y.
Application July 16, 1936, Serial No. 90,859
11 Claims. (Cl. 200—121)



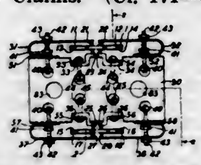
1. As a new article of manufacture, an integrity indicator for use with a cartridge fuse, said integrity indicator having a body member adapted to be mounted alongside of said cartridge fuse, and an indicating means carried by said body member at a level near that to be occupied by said cartridge fuse, said body member having a foot adapted to stand firmly on the base which supports the cartridge fuse and to extend outwardly therefrom to the indicating level.

2,128,419
GAME APPARATUS
Einar Wilhelm Larsson-Letzén, Malmo, Sweden
Application October 6, 1936, Serial No. 104,219
In Great Britain February 18, 1936
5 Claims. (Cl. 273—85)



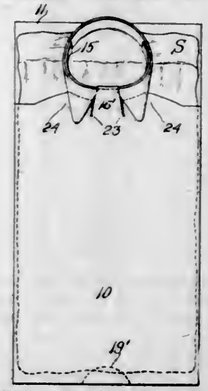
1. In a game apparatus particularly for simulating a football contest and similar contests, a plate having a substantially horizontal position so as to form a play ground, a plurality of playing members mounted in bearings at different points of said play ground so as to be rotatable about substantially vertical axes, substantially horizontal arms connected to said playing members, lateral projections on said arms of such an arrangement and shape as to prevent a ball trapped inside one of said projections from rolling radially outwards along said arm.

2,128,420
PIEZOELECTRIC CRYSTAL MOUNTING
William G. Laskey, West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 12, 1936, Serial No. 84,840
25 Claims. (Cl. 171—327)



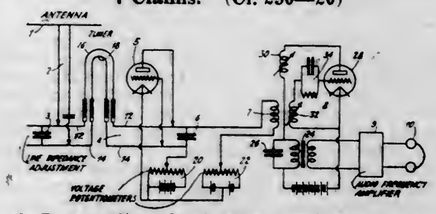
14. Piezoelectric crystal apparatus including a support, a crystal, a pair of coaxial clamping projections, means for firmly seating one of said projections against said support, and means including a spring having a U-shaped portion secured to said support and having a free end secured to the other of said projections for clamping said crystal between said pair of projections.

2,128,421
ATTACHMENT FOR SHIRTS
Albert Lewenberg, Brookline, Mass., assignor, by mesne assignments, to Anna Lewenberg, Brookline, Mass.
Application November 6, 1935, Serial No. 48,501
1 Claim. (Cl. 229—87)



A shirt envelope, adapted to contain a collared shirt, said envelope comprising front and back parts, the front part, near its upper end cut inwardly from its side edges and thence downwardly at opposite sides of its longitudinal center, forming a tongue having a head at its upper end, and also forming a longitudinal slot and parts at the opposite sides of the slot adapted to enter between the folds of the collar, said tongue adapted to extend over the collar at its ends and said head adapted to extend within the shirt.

2,128,422
ULTRASHORT WAVE CIRCUIT
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application January 26, 1933, Serial No. 653,579, now Patent No. 2,011,943, dated August 20, 1935. Divided and this application January 4, 1935, Serial No. 355
7 Claims. (Cl. 250—20)



1. In an ultra short wave receiver, an energy collecting system, a heterodyne circuit coupled to said energy collecting system and comprising an electron discharge device oscillator-detector producing oscillations of a frequency different from the frequency of the incoming signal wave, said device having anode, cathode and grid electrodes, and means for maintaining said grid at a high

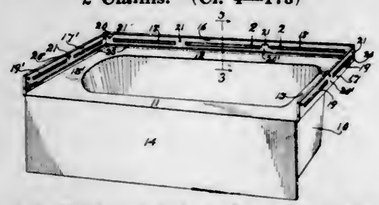
positive potential and said anode at a much less potential relative to said cathode, whereby said device functions on the braking field principle to produce a frequency lower than that of the waves received on the antenna.

2,128,423
LIFE PRESERVER
Frank George Manson, Dayton, Ohio
Application June 5, 1935, Serial No. 25,167
9 Claims. (Cl. 9—19)



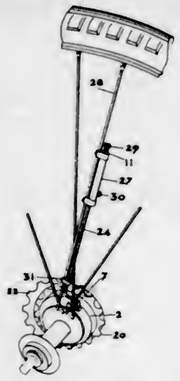
1. A life preserver comprising a pair of inverted U-shaped bladders, a casing housing the bladders in superposed relation and providing a head inserting opening at the bight of the U-shaped bladders, so that the bights will lie at the back of the head of a wearer with the other portions of the bladders extending over the shoulders and lying at the front of the wearer, and other means for holding the casing and bladders in such relation upon the body of the wearer.

2,128,424
BATHTUB
Edward W. Marshall, Chicago, Ill., assignor of thirty-three percent to Anna Marshall and of fifteen percent to Alice Berenice Alexander, both of Chicago, Ill.
Application December 24, 1937, Serial No. 181,509
2 Claims. (Cl. 4—173)



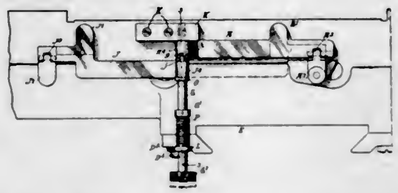
1. A bathtub consisting of a unitary structure comprising a body portion including ledge means extending horizontally outwardly from its upper end and having flange means extending substantially vertically upwardly from the outer edge thereof, said flange means being provided with slots extending longitudinally and substantially thruout the length thereof and having solid portions therebetween provided with apertures, said slots and apertures providing openings for receiving securing elements to secure the tub to upright wall members that may be located anywhere along the length of the flange means, said flange means also having groove means provided therein, which with the slots and apertures are adapted to receive the finishing material of the wall to bond the top of the tub securely and leakproof to the wall.

2,128,425
TRANSMISSION GEARING FOR VEHICLES AND THE LIKE
Ivo Martelli, Parma, Italy
Application September 10, 1936, Serial No. 100,101
In Italy September 12, 1935
9 Claims. (Cl. 74—243)



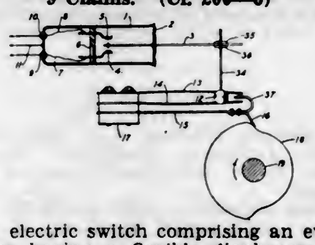
1. A transmission gear for vehicles and the like comprising a pair of toothed wheels of different diameters having equally pitched marginal teeth, means for supporting the wheels in juxtaposition and in axial parallelism with the teeth of one wheel in register with those of the other wheel at one portion of the circumference, a driving member engaging the registering teeth of the wheels, a driven member arranged concentrically with the smaller wheel and rotatably relative thereto, a freely rotating supporting ring arranged concentrically with the larger wheel, a coupling member arranged between and engaging the driven member and the ring for transmitting motion from one to the other, a free-wheel coupling operative to transmit motion from the larger wheel to the supporting ring, and means for coupling the smaller wheel to the driven member.

2,128,426
TYPOGRAPHICAL CASTING MACHINE
Richard R. Mead, Queens Village, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application August 27, 1937, Serial No. 161,253
20 Claims. (Cl. 199—52)



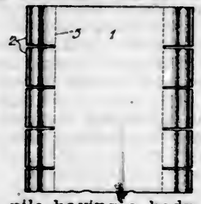
1. In a typographical casting machine, the combination of a vertically movable line transporter, and two stop members for arresting the line transporter at different elevations, the two stop members being adjustable relatively so that one or both may be located in operative or inoperative position, as desired, one stop member supplementing the other when both are located in operative position.

2,128,427
VACUUM SWITCH
Winthrop J. Means, Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 26, 1936, Serial No. 102,691
9 Claims. (Cl. 200—6)



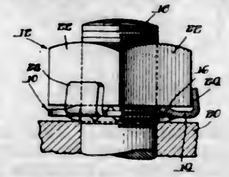
1. An electric switch comprising an evacuated container having a flexible diaphragm formed as a part of said container, stationary contacts in said container, a movable contact arm extending through said diaphragm and supported thereby, two springs having equal stiffness arranged to exert equal pressure in opposite directions on said movable contact arm, and means for relieving the pressure of either one of said springs against said contact arm for operating the contact arm under the control of the opposite spring.

2,128,428
SHEET PILING
Thomas E. Murray, Jr., Brooklyn, N. Y.
Application August 18, 1936, Serial No. 96,558
3 Claims. (Cl. 61—60)



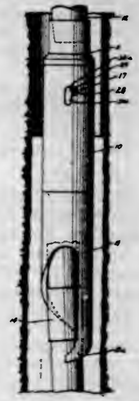
1. A metal pile having a body portion which is continuous in length and composed of a plurality of plies and edge portions each made up of projections slightly spaced apart which are shaped to interlock with edge portions of adjacent piles and which are separately formed with shanks of integral thickness, which are welded to the body portion along the edges of said piles.

2,128,429
LOCKING DEVICE
Carl G. Olson, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a corporation of Illinois
Application March 25, 1935, Serial No. 12,777
4 Claims. (Cl. 151—37)



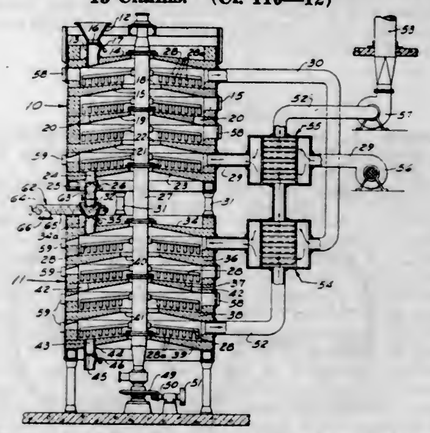
3. A locking device including an annular body of spring stock, a plurality of marginal resilient prongs warped out of the plane thereof, and anchoring means extending out of the plane of the washer body, said anchoring means provided with a locking tooth designed to permit movement of the washer axially in a given direction and to tend to dig into the surface of and lockingly engage a work piece to prevent axial movement of the washer in the opposite direction.

2,128,430
FISHING TOOL
Elmer E. Pryor, Fullerton, Calif.
Application February 8, 1937, Serial No. 124,549
7 Claims. (Cl. 294—102)



1. In a tool of the character described, the combination comprising a body, a plurality of elongated slips movable vertically and radially within said body, each slip having in its inner surface a pair of longitudinally arranged gripping faces, the lower gripping face being offset radially outward from the upper gripping face, and vertically spaced individual pairs of cooperating wedge faces on the body and outer surfaces of the slips, said slips being bodily expansible into an annular space within the body between the said wedge faces thereon.

2,128,431
INCINERATION
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application October 10, 1936, Serial No. 104,915
13 Claims. (Cl. 110—12)



1. In combination, a multiple-hearth dryer furnace and a multiple-hearth burning furnace,

each furnace having vertically spaced hearths with outlets arranged to enable material to pass downwardly from hearth to hearth, means including a gas seal for introducing material to be treated into the top of each furnace, means including a second gas seal to discharge material from each furnace, means for passing material from the outlet of the dryer furnace to the inlet of the burning furnace, two heat exchangers, means for discharging hot gases of combustion from the lower part of the burning furnace through the higher temperature portions of said heat exchangers, means for passing air through the lower temperature side of one of said heat exchangers to the lower part of the dryer furnace, and means for passing air and vapors from the upper part of the dryer furnace through the lower temperature side of the other heat exchanger to the upper part of the burning furnace.

2,128,432

PROCESS FOR CLARIFICATION AND REMOVAL OF IRON FROM BEVERAGES

William D. Ramage, Berkeley, Calif.

No Drawing. Application April 5, 1937, Serial No. 135,167
6 Claims. (Cl. 99—48)

4. A process for eliminating positively charged colloids from beverages containing same which comprises neutralizing, coagulating and removing said colloids by contacting the beverage with a purified alpha cellulose containing adsorbed hydroxyl groups.

2,128,433

INSECTICIDAL COMPOSITION

Erik Rotheim, Oslo, Norway

No Drawing. Application January 12, 1933, Serial No. 651,447. In Norway January 13, 1932
2 Claims. (Cl. 167—13)

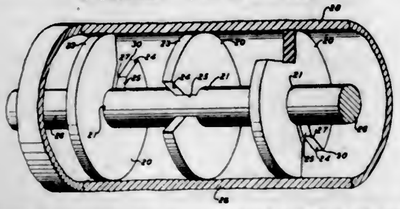
1. An insecticide adapted to be applied in the form of a spray containing minute drops comprising a volatile material capable of dissolving fats, waxes and the like and liquid at ordinary temperature and pressure together with a normally gaseous material comprising essentially a hydrocarbon having a boiling point below minus 20° C. under ordinary conditions, the said gaseous material being dissolved in the liquid in a quantity sufficient to saturate the liquid with gas under a pressure of several atmospheres at normal temperature and an additional small percentage of a gaseous hydrocarbon having a considerably lower boiling point than said first mentioned hydrocarbon.

2,128,434

SPACING MEMBER

George A. Seeley, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application May 13, 1936, Serial No. 79,478
4 Claims. (Cl. 173—265)



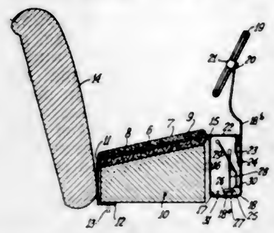
1. In a coaxial conductor cable having an outer and an inner conductor, an insulating member interposed between the conductors of the cable and formed and proportioned to have a peripheral surface to abut against the inner surface of the outer conductor, an axial perforation to receive the inner conductor and spaced from the peripheral surface, and a slot extending from the surface to the perforation and comprising an outer tapering portion between converging walls and an inner straight portion between parallel walls.

2,128,435

TOY

Robert Shippee, Rumson, N. J., and Edwin H. Corlett, Lewisboro Township, Westchester County, N. Y.; said Corlett assignor to said Shippee

Application January 5, 1938, Serial No. 183,402
10 Claims. (Cl. 46—1)



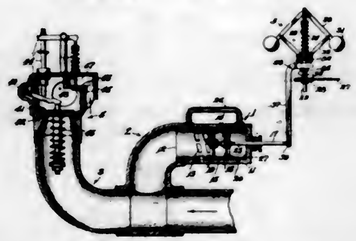
7. A child's toy comprising, seat means comprising a metal plate and padding means for said plate; hook means for securing said seat means on a cushion; horizontal and vertical frame members; flexible connecting means between said frame members and said seat means; a wheel rotatably mounted on said vertical frame member; and means for locking said frame members in rigid position with respect to said seat means, said locking means being automatically releasable responsively to sudden pressure against said frame members.

2,128,436

CONTROL VALVE

George Allen Spelts, Los Angeles, Calif., assignor of seven percent to W. F. Arndt and thirty percent to L. J. Styskal, both of Los Angeles County, Calif.

Application February 26, 1936, Serial No. 65,835
7 Claims. (Cl. 123—108)



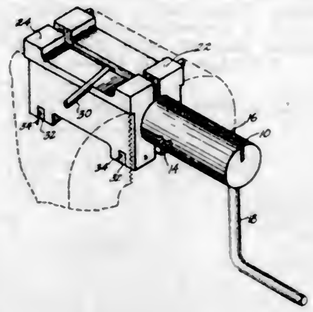
1. In combination with a two cycle internal combustion engine having an air supply, an air control valve capable of releasing air fed into the engine intake, means for actuating the control valve in accordance with speed variations of the engine, and means cooperating with the air not released for proportionally adding fuel to the air not released by the control valve.

2,128,437

APPARATUS FOR AND METHOD OF PRODUCING SPLIT WIRE RINGS

Alfred Stenwall, Kewanee, Ill., assignor to Walworth Patents Inc., Boston, Mass., a corporation of Massachusetts

Application March 25, 1935, Serial No. 12,826
10 Claims. (Cl. 153—67)



7. Apparatus of the class described, comprising a traveling mandrel adapted to grasp a wire, a support within which one end of said mandrel is journaled, means to rotate said mandrel and form a helical coil of wire on its surface substantially enclosing said end thereof as it travels beyond said support, and means on said support spaced from said surface of the mandrel to accommodate the coil therebetween and adapted to substantially enclose the coil as it is formed until the entire free end of the mandrel and coil are thus supported.

9. The method of producing split wire rings, including coiling a length of wire into a helix while supporting the inner wall thereof as the coil is formed, confining said coil about the outer wall thereof against distortion as the coil is formed, cutting through one side of the coil while maintaining it thus supported and confined, and then releasing the coil to permit removal of the individual turns of the helix as separate rings.

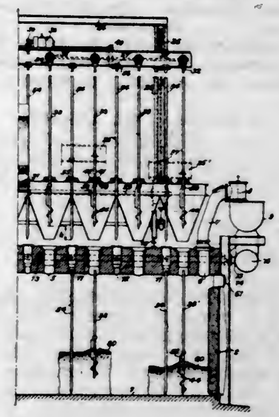
2,128,438

APPARATUS FOR CHARGING AND COMPRESSING LOOSELY CHARGED COAL WITHIN OVEN CHAMBERS

Carl Still, Recklinghausen, Germany

Original application January 23, 1932, Serial No. 588,405. Patent No. 2,014,400, dated September 17, 1935. Divided and this application September 14, 1935, Serial No. 40,641. In Germany January 25, 1931
7 Claims. (Cl. 202—262)

1. A coal charging apparatus for charging horizontal coking chambers, having in combination a coal bunker, a series of hoppers depending from said bunker and adapted to receive material therefrom, a frame structure associated with said bunker and hopper structure, a group of vertically movable duct-forming mandrels carried by said frame structure and adapted to be lowered to a position within a coking chamber and withdrawn therefrom, a group of vertically movable compressing elements also adapted to be positioned within the coking chamber, said mandrels and compressing elements alternately arranged throughout the length of the chamber, and means for raising and lowering said two groups of elements, the group of compressing elements being independently movable with respect to the group of duct-forming mandrels.

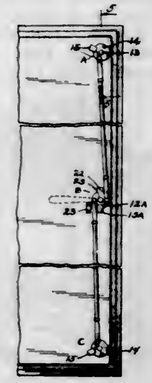


2,128,439

DOOR LATCH

Oliver Stinson, Edgewater, Colo., assignor to The Robbins Incubator Company, Edgewater, Colo., a corporation of Colorado

Application May 24, 1937, Serial No. 144,421
4 Claims. (Cl. 292—48)



1. A device for operating a latch positioned on the inside of a door by means accessible from the outside, comprising a bolt extending through an opening in the door, the bolt having a handle secured to the outer end thereof, a circular flange integral with the bolt for engagement with the outside of the door, a bearing disk secured to the inside of the door, said disk having on one side a positioning hub that extends into the door, the hub having an opening forming a bearing for the bolt, a crank disk non-rotatably secured to the inner end of the bolt and a deformed spring washer between the two disks to produce friction tending to keep the bolt and crank disk from accidental rotation, the crank disk having a crank pin for engagement with one end of a connecting rod.

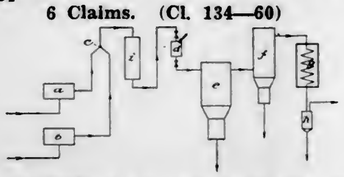
2,128,440

APPARATUS FOR PRODUCING HIGH QUALITY CARBON BLACK

Lajos von Szeszich, Frankfort-on-the-Main, Germany

Original application July 30, 1935, Serial No. 33,824. Divided and this application May 4, 1937, Serial No. 140,699. In Germany August 9, 1934

6 Claims. (Cl. 134—60)



2. An apparatus for producing high quality carbon black which comprises a compressor for propelling a substance containing carbon, a compressor for propelling an oxygen-containing substance, a mixing device for mixing said substances to form an explosive mixture, a reaction chamber communicating with said mixing chamber, ignition means associated with said reaction chamber for exploding said mixture, means for removing the reaction products from said chamber, and a pressure-resistant tank provided between said mixing device and said reaction chamber and having several times the capacity of said reaction chamber for equalizing the composition and pressure of said explosive mixture.

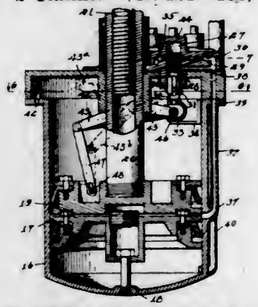
2,128,441

MOTOR FOR OPERATING A VIBRATORY JACK

Elmer B. Thompson, Des Moines, Iowa, assignor to Globe Machinery & Supply Company, Des Moines, Iowa, a corporation of Iowa

Application February 25, 1935, Serial No. 7,995

2 Claims. (Cl. 121—164)



1. A device of the class described, comprising a cylinder, two independently movable pistons within the cylinder, means for limiting the upward movement of the lower piston for confining such movement to a definite path of travel at the lower portion of the cylinder, the upper piston being capable of movement downwardly in the cylinder below the position assumed by the lower piston when the lower piston is elevated, a weight-engaging means operatively connected with the upper piston, a valve for admitting and exhausting fluid pressure to and from the space between the pistons, a valve-actuating mechanism operatively connected with the upper piston and with the valve for automatically operating the valve by the up and down movements of the upper piston, said valve-operating mechanism including means whereby when the lower piston is in its lowered position the upper piston may move downwardly into the space occupied by the lower piston when elevated, and means for admitting fluid under pressure below the lower piston for raising the lower piston and for causing the lower piston to elevate the upper piston.

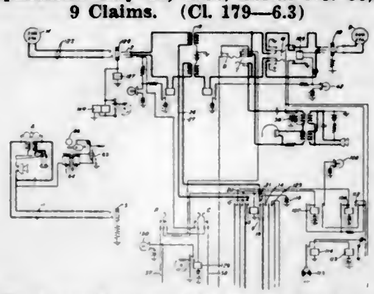
2,128,442

PREPAYMENT TELEPHONE SYSTEM

Horace W. Ulrich, Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application May 19, 1936, Serial No. 80,522

9 Claims. (Cl. 179—6.3)



1. In a prepayment coin system for telephone exchanges, calling subscribers' stations, a central office, lines connecting said calling stations and central office, called lines, a device at each calling station adapted to connect ground to the line responsive to the insertion of a coin therein, a plurality of link circuits at the central office each adapted to connect one of said calling lines to one of said called lines, automatic means initiated at the central office for periodically transmitting a predetermined plurality of current impulses to a calling line over a connected one of the link circuits to dispose of a deposited coin at the connected station and remove the ground therefrom, a signal device individual to the connected link circuit, and circuit means for controlling said device, said circuit means being adapted to display said device when the link is connected to the called line, to retire the device if the first current impulse encounters ground on the calling line and the second does not, and to alternately retire and display the device at a definite rate either if the first impulse transmitted does not encounter ground or the second impulse does encounter ground.

2,128,443

METHOD OF PRODUCING WIRE STAPLES

Max Vogel, Frankfort-on-the-Main, Germany

Application August 20, 1936, Serial No. 96,955

5 Claims. (Cl. 59—77)



1. The method of producing staple strips which consists in winding a length of wire into a helix having a plurality of staple bridge forming sides and a plurality of staple leg forming sides angularly bent with respect to said bridge forming sides along bending lines parallel to the axis of said helix, causing the convolutions of said helix to adhere, and cutting said helix along said leg forming sides on cutting lines parallel to the axis of said helix to form a plurality of staple strips from said helix.

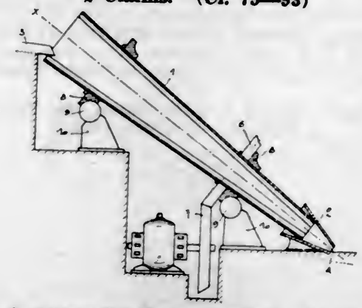
2,128,444

PROCESS FOR THE PURIFICATION OF MOLTEN METALS

Emile Vroonen, Brussels, Belgium

Original application October 25, 1933, Serial No. 695,190. Divided and this application October 28, 1935, Serial No. 47,179. In Belgium November 3, 1932

2 Claims. (Cl. 75—93)



1. A process for the purification of metals and alloys, comprising projecting a stream of molten metal against a solid surface moving at high speed in front of the metal stream and in a direction different from that of the stream in order to cause an energetic mixing in the metal, causing the molten metal to be continuously removed from the place of the solid surface where the molten metal is projected, and then causing the molten metal to flow through a path of decreasing breadth in order to cause a gradual deepening in the flow of metal and thereby causing the coalescence of the impurities included in the molten metal.

2,128,445

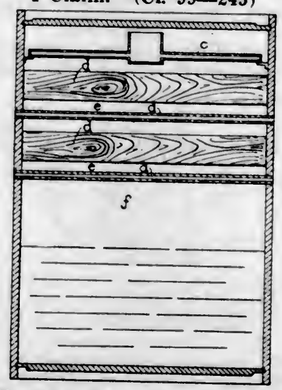
AERATING DEVICE FOR USE IN THE PRODUCTION OF ACETIC ACID FROM ALCOHOL

Morgan Williams, Worcester, England

Application February 8, 1937, Serial No. 124,671

In Great Britain February 17, 1936

1 Claim. (Cl. 99—245)



An aerating device for use in the production of acetic acid from alcohol comprising, in combination, a vat, a sparger mounted in the upper part of said vat, brackets carried by the wall of the vat supporting said sparger, a layer of birch twigs mounted in the vat below said sparger spaced therefrom, a tier of tubes mounted in the walls of the vat below said birch twigs and spaced therefrom, perforations in said tubes, said tubes being open at each end and passing through said walls, a second layer of birch twigs below said tubes and spaced therefrom, and a second tier of tubes mounted in the walls below said second layer of birch twigs and spaced therefrom, the part of the vat below said second tier of tubes containing liquid.

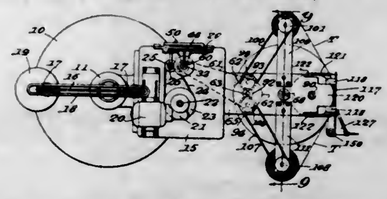
2,128,446

DEVICE FOR DECODING RECORDS

Louis Frank Woodruff, Wellesley, Mass.

Application August 3, 1937, Serial No. 157,157

10 Claims. (Cl. 33—129)



1. In a device for facilitating the reading of records on a record tape and having a movable carrier for moving a record tape, a scale having representations of time units movable adjacent said tape, and means for moving said tape and scale to bring corresponding points thereon simultaneously adjacent a given location, the combination therewith of a plate adapted to be positioned opposite said tape and scale and having an opening opposite said tape and scale at and adjacent said location, a transparent window in said opening opposite said tape and having markings forming continuations of said time representations across said tape, and a calibration scale carried by said plate.

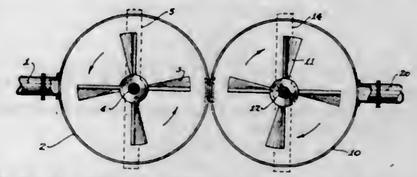
2,128,447

REAGENT MIXER

David M. Wright, Agricola, Fla., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware

Application November 23, 1936, Serial No. 112,406

2 Claims. (Cl. 259—64)



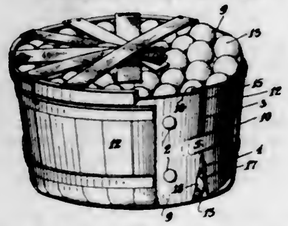
1. In a mixing device, a battery of cylindrical vessels mounted in the same horizontal plane and interconnected with one another through communication openings located near the top edges of the respective vessels, each of said vessels being provided with a vertical side wall, a flat bottom and a continuous rounded corner between the side wall and bottom, and an agitator comprising a plurality of radially extended, angularly inclined blades, rotatably, coaxially mounted within each of said vessels, the blades of each agitator being positioned closely adjacent the bottom and extended within the zone of the rounded corner of the respective vessel, the blades of the agitator of each vessel being adapted to swirl a slush mixture upwardly against the side wall of the respective vessel, the swirled material being passed to the next succeeding vessel through the respective communication opening.

2,128,448
DRINKING STRAW
La Moine Wright, Akron, Ohio
Application August 24, 1937, Serial No. 160,664
3 Claims. (Cl. 99—137)



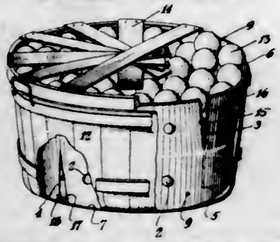
1. A drinking straw comprising a tubular body section and a semi-tubular opposite body section, and a frozen soluble material on the inner wall of the semi-tubular body section for flavoring and cooling liquid to be drawn from a container through the tubular body section.

2,128,449
LINER
Oliver B. Andrews, Chattanooga, Tenn.
Application November 9, 1935, Serial No. 49,009
8 Claims. (Cl. 217—3)



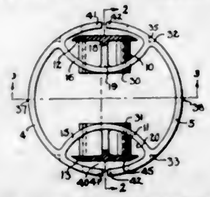
1. A liner for packing fruit comprising an endless wall adapted to be disposed in a fruit container and having lines of weakening extending longitudinally thereof from at least one of the end edges to points intermediate the ends of the liner, and a centrally disposed, continuous, circumferential belt free of lines of weakening, said lines of weakening being of such strength as to support a column of fruit within the liner but capable of breaking under abnormal pressure and said central belt and the remainder of said liner being of sufficient strength to limit such breaking to said lines of weakening.

2,128,450
LINER
Oliver B. Andrews, Chattanooga, Tenn.
Original application November 9, 1935, Serial No. 49,009. Divided and this application November 16, 1936, Serial No. 111,062
4 Claims. (Cl. 217—3)



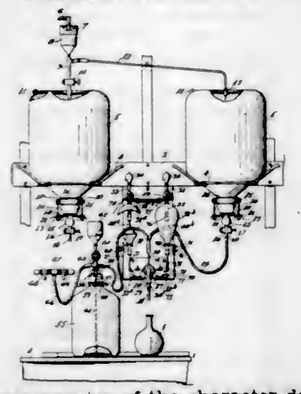
1. A basket liner for packing fruit and the like comprising an endless wall of sufficient strength to support a column of fruit and having weakened portions extending inwardly from the top and bottom edges thereof alternately and at least to the center of the liner, whereby to permit breaking under predetermined excess pressure, each of said lines of weakening extending only partly throughout the height of the collar, whereby the unweakened portion of the liner includes a tortuous, continuous band of sufficient strength to confine said breaking to said lines of weakening, and permitting expansion of said lines at both top and bottom without complete severing of the liner.

2,128,451
INTERNAL COMBUSTION ENGINE PISTON
Lawrence C. Burton, Houston, Tex., assignor of twenty-five percent to Lester B. Clark, Houston, Tex.
Application March 1, 1932, Serial No. 595,989
3 Claims. (Cl. 309—11)



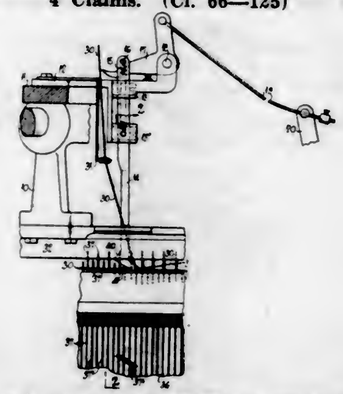
1. A piston including a head and a skirt, two spaced wrist pin bearings having struts extending from the outer ends thereof and connected to said head, said skirt being split into two sections along the axis of the wrist pin bearings and encircling said struts and bearings, and arcuate bridges having their arches attached to the inner ends of said bearings and one end of each bridge being attached to each section whereby said skirt may have relative movement with respect to said head or said bearings.

2,128,452
FLUID PROPORTIONING AND MIXING APPARATUS
Joseph R. Clemmons, Rochester, N. Y.
Application July 6, 1937, Serial No. 152,231
8 Claims. (Cl. 221—96)



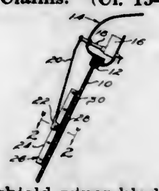
1. In an apparatus of the character described, the combination with a concentrate conducting system and a diluent conducting system, a source of fluid supply connected to each, respectively, and a common discharge for both systems, of a measuring station in each system, each station having the same conducting element connected therewith for both supply and discharge, and common means connecting the systems for simultaneously controlling both the filling and the emptying of both stations.

2,128,453
STRAND FEEDING MECHANISM FOR KNITTING MACHINES
Robert H. Coleman, Thomasville, N. C., assignor of one-fourth to Ragan Knitting Company, Thomasville, N. C., a corporation of North Carolina, and one-fourth to Maurice Mills Company Inc., Thomasville, N. C., a corporation of North Carolina
Application November 17, 1936, Serial No. 111,309
4 Claims. (Cl. 66—125)



1. In a knitting machine having revolving dial needles and also having cylinder needles provided with pivoted latches and also having revolving dial needles, a vertically movable yarn feed finger for feeding a strand to the outside of the cylinder needles thereof and below the latches thereof, and below a horizontal plane defined by the dial needles so that the strand will be inlaid between the loops formed by the dial needles and the loops formed by the cylinder needles, the leading edge of the lower end of said finger having a pair of diverging cam surfaces thereon and occupying substantially the same vertical plane for engaging and opening or closing the latches of any needles which are not already opened.

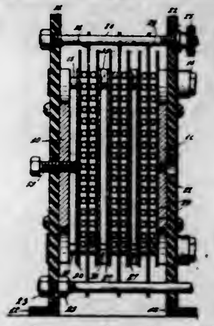
2,128,454
WINDSHIELD WIPER BLADE CONSTRUCTION
Jasper F. Cullin, Detroit, Mich.
Application July 18, 1934, Serial No. 735,782
20 Claims. (Cl. 15—250)



4. In a windshield wiper blade construction, in combination, a channel-shaped backing member, and a flexible wiping element movably retained in the channel of the backing member, the two being so constructed and arranged that said wiping element may shift bodily between the side walls of said backing member.

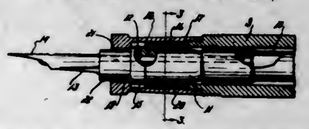
2,128,455
OZONIZER
Arthur R. Darling, Indianapolis, Ind.
Application January 17, 1936, Serial No. 59,536
5 Claims. (Cl. 204—32)

1. In an ozonizer, two series of alternately arranged plates, dielectric material disposed between adjacent plates; and a plurality of helical springs disposed on opposite faces of each plate



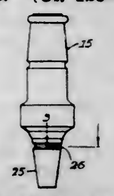
of one set and engaging the adjacent dielectric material.

2,128,456
FOUNTAIN PEN
Ward A. Dusenbury, Sr., Highland Park, Mich.
Application January 2, 1937, Serial No. 118,832
3 Claims. (Cl. 120—51)



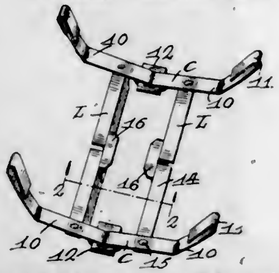
1. A pen of the class described, comprising: a hollow holder; an ink reservoir insertable into said holder; a pen holding member attached at its inner end to the end of said reservoir; a pen point mounted on said holding member, said holding member serving for conducting liquid from said reservoir to said pen point; a retaining member secured to the end of said holder and embracing said holding member, said holding member projecting therethrough and being freely slidable longitudinally thereof; a peripheral projection on said holding member; and a yieldable member engaging at one end, said peripheral projection and at its other end the end of said holder for normally resisting axial movement of said holding member relatively to said holder, said reservoir moving in unison with said holding member and projecting inwardly of said hollow holder beyond said yieldable member.

2,128,457
SPARK PLUG
Alice M. Fairchild, Chicago, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application December 14, 1936, Serial No. 115,707
7 Claims. (Cl. 123—169)



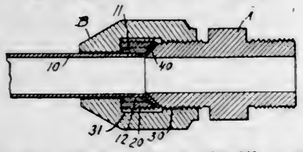
1. A spark plug insulator having an integral annular zone of catalytic material for preventing deposition of carbon, said zone being spaced a substantial distance from the electrode end of said insulator.

2,128,458
ANTISKID ATTACHMENT
Eugène Granger, St. Johns, Quebec, Canada
Application February 16, 1938, Serial No. 190,819
3 Claims. (Cl. 152—228)



1. An anti-skid attachment for vehicle wheels comprising a pair of cross members, each of the said cross members including a pair of rigid bars having their adjacent ends hingedly connected and shaped to conform to the transverse curvature of the tread portion of a wheel, means on said transverse members for connecting the same with fastening chains, a pair of longitudinal members connected with and arranged at right angles to the cross members, each of the said longitudinal members including a pair of rigid angle bars, and means hingedly connecting the adjacent ends of the angle bars to form a flexible joint intermediate the ends of the longitudinal members.

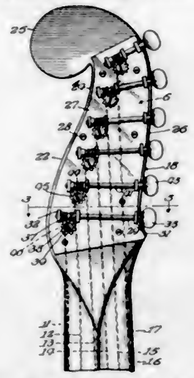
2,128,459
COUPLING FOR METAL TUBING
Stephen Guarnaschelli, Brooklyn, N. Y., assignor to Packless Metal Products Corporation, New York, N. Y., a corporation of Delaware
Application April 29, 1936, Serial No. 76,931
1 Claim. (Cl. 285—124)



Means for connecting a ductile metal pipe to a fitting, said fitting having a configuration adapted to enter and flare the end of the pipe when the pipe and fitting are forced together, means for forcing the fitting into the end of the pipe to form a flare thereon, comprising a sleeve adapted to be fixed to the pipe at a point spaced from the end thereof and having an end portion corresponding to the configuration of the end of the fitting and having a circumferential shoulder forming an abutment and a second sleeve surrounding said first named sleeve and engaging said abutment, and means engaging said second sleeve and fitting for drawing the fitting into the end of the pipe.

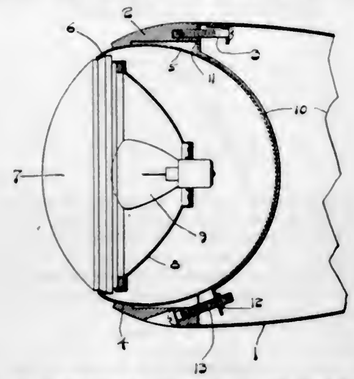
2,128,460
NECK STRUCTURE FOR STRINGED INSTRUMENTS
Herbert A. Harlin, Indianapolis, Ind.
Application October 10, 1936, Serial No. 104,936
1 Claim. (Cl. 84—306)

A neck structure for a stringed instrument, comprising an elongated neck adapted to underlie the strings of the instrument and having at the inner end thereof means for attachment to the instrument body and at its other end a laterally enlarged head part with a flat bottom face and one side thereof shaped to form a diagonal finger-gripping side surface and a laterally extending undercut instrument supporting hook at the outer end of said surface, and a tuning head associated with the head part and consisting of a mounting plate fitting against and shaped substantially correspondingly to said flat bottom face of the head part and provided with trans-



versely extending sets of depending bearing brackets, winding spindles for the strings, extending vertically through said head part and the plate and arranged in a straight series in close proximity to and substantially parallel with said diagonal finger gripping side surface, spindle turning shafts journaled in the bearings and provided with turning keys all positioned outwardly of and adjacent to said other side of the head part, and worm and worm gear connections between the shafts and the lower ends of the spindles.

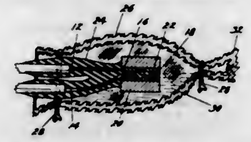
2,128,461
ADJUSTABLE LAMP
Roy W. Johnson, Wyoming, Ohio, assignor to The Corcoran-Brown Lamp Company, Cincinnati, Ohio, a corporation of Ohio
Application June 15, 1936, Serial No. 85,195
2 Claims. (Cl. 240—41)



1. An adjustable lamp structure consisting of a lamp unit having an open-ended body, said body having a substantially spherically shaped surface, a substantially ringlike socket occupying the spherical body in a plane normal to the body

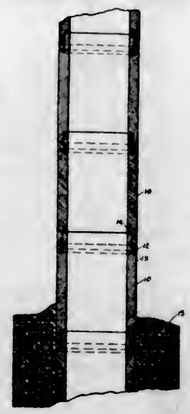
axis, a strap fixed at one end to the socket, extending in a plane normal to the socket and in engagement with the lamp surface substantially from said fixed end throughout the length of said strap, and means attaching the opposite end of the strap to the socket at a point opposite to the fixed attachment thereof with the socket, said means adapting said opposite end to adjustment whereby the strap may be tightened to grip the body and clamp it within the socket to maintain adjusted positions of the body therein.

2,128,462
THERMOCOUPLE HYGROMETER
Frank Kahn and Edward R. Wayne, Philadelphia, Pa.; said Wayne assignor to Albert F. Wayne, Jr., Philadelphia, Pa.
Application April 16, 1934, Serial No. 720,698
4 Claims. (Cl. 73—338)



3. In a hygrometer, a wet-air unit comprising an evaporative envelope adapted to be subjected to standard evaporating conditions, a thermocouple unit enclosed within said envelope, said thermocouple unit including a thermocouple junction, a heat dissipating element and a pair of leads, said leads constituting the sole means by which heat is introduced into the interior of said envelope, and said element being proportioned to the evaporative properties of the envelope such that the heat conducted into the interior of said envelope by said leads is removed rapidly enough to maintain the temperature of the thermocouple junction substantially the same as that of the surface of said envelope.

2,128,463
FLUE LINER
Aaron Kauffmann, Minier, Ill.
Application June 8, 1936, Serial No. 84,045
2 Claims. (Cl. 72—94)



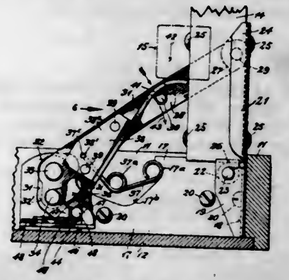
1. In a chimney, a flue lining comprising a series of superposed hollow tiles, each of the latter being equipped along its lower end with an inter-

nal peripheral cutaway portion and at its upper end with an external peripheral cutaway portion of greater length than and adapted to be received telescopically within the lower cutaway portion of the next higher tile, with its upper extremity abutting the upper wall of the cutaway portion of the higher tile, there being a peripheral groove in the lower wall of the upper cutaway portion of each tile opposed to and spaced from the opposed lower edge of the next upper tile and affording a cement receiving peripheral aperture possessing greater depth inwardly of than at its mouth.

2,128,464
PROCESS OF MAKING MIXTURES CONTAINING BITUMINOUS DISPERSIONS
Lester Kirschbraun, Leonia, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
No Drawing. Application August 22, 1931, Serial No. 558,846
1 Claim. (Cl. 106—31)

A process of waterproofing material with an aqueous emulsion of a hydrocarbon waterproofing agent which comprises pre-treating the material to be waterproofed with a solution of an emulsion stabilizer, and then mixing the material with a quick-breaking aqueous emulsion of a waterproofing agent substantially free of colloidal powders.

2,128,465
FOLDING ARTICLE OF FURNITURE
John Kovats, Fairfield, Conn.
Application April 30, 1936, Serial No. 77,1[illegible]
19 Claims. (Cl. 311—82)

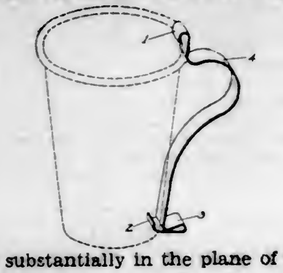


1. In a folding table, a table top; a plurality of legs for said table top hingedly connected thereto for movements to extended and collapsed positions, each of said hinge connections being independent of the others; and means for initiating movement of one leg toward collapsed position actuated by another leg in response to the concluding movement of said other leg toward collapsed position.

2,128,466
DETACHABLE HANDLE FOR PAPER DRINKING CUPS
Adolf Machotka, Uvalde, Tex.
Application March 11, 1937, Serial No. 130,360
4 Claims. (Cl. 294—33)

1. A detachable handle for a cup including a longitudinally expansible and contractible body portion, hooks located at the upper and lower extremities of the body portion adapted to detachably engage the upper and lower rims of the cup when the handle is in contracted condition and a

base on said body portion extending radially outward from the lower rim of the cup having



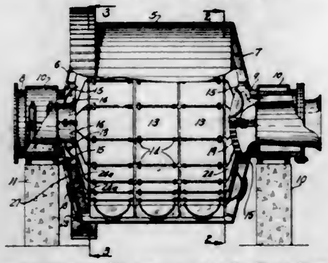
its bottom substantially in the plane of the said lower rim.

2,128,467
DETACHABLE LINING FOR BRAKE SHOES
William F. Merritt, Livingston, N. J.
Application June 3, 1937, Serial No. 146,255
3 Claims. (Cl. 188—242)



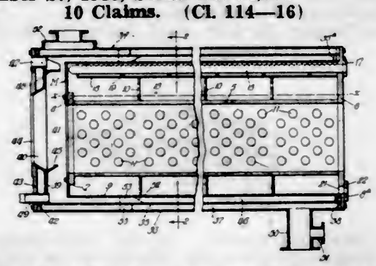
1. The combination with coacting brake shoes having inwardly projecting reinforcing ribs formed with spaced perforations, of a detachable lining comprising companion arcuate plates having means for engagement with the brake shoes and provided with laterally extending lugs, and fastening devices extending through the lugs and perforations in the reinforcing ribs.

2,128,468
END LINER FOR GRINDING MILLS
Starks L. Miller, Denver, Colo., assignor to American Ball-Mill Company, Denver, Colo.
Application September 9, 1935, Serial No. 39,762
3 Claims. (Cl. 83—9)



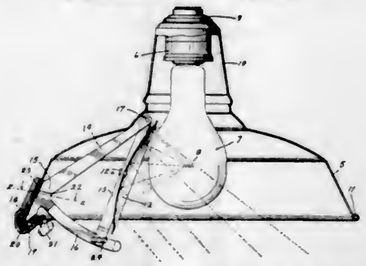
2. A grinding mill having a shell, a head at an end thereof, the head having a trunnion, liners for the head, comprising a central portion formed from several parts, each part having a portion extending into the trunnion and another portion projecting over the surface of the head immediately surrounding the trunnion, an abutment on the head adjacent the trunnion, having its inner edge undercut, the liners having outwardly facing shoulders inclined to fit the shoulder on the abutment, means for expanding the liner assembly to force the shoulders thereof into interlocking engagement with the shoulder on the abutment, a second abutment means positioned adjacent the periphery of the head, the inner edge of the outer abutment means being undercut, a plurality of liners positioned between the two abutments and provided with outwardly directed shoulders shaped to engage the undercut shoulder on the last-mentioned abutment, and means for expanding the liner assembly to secure interlocking engagement between the shoulders.

2,128,469
EVAPORATOR
Ernest Nibbs, New London, Conn., assignor to Electric Boat Company, Groton, Conn., a corporation of New Jersey
Original application August 8, 1934, Serial No. 738,922. Divided and this application November 27, 1935, Serial No. 51,771
10 Claims. (Cl. 114—16)



1. In an evaporator for use with submarine boats, a horizontal muffler tube open at its ends for reception and outlet of hot exhaust gases from an internal combustion engine, a horizontal shell enclosing said muffler tube and defining therewith a water space and a steam space thereabove, a steam take-off pipe communicating with said steam space, a cooling water jacket enclosing said shell in spaced relation thereto and defining therewith a gas receiving space, and means establishing communication between the outlet end of said tube and said space.

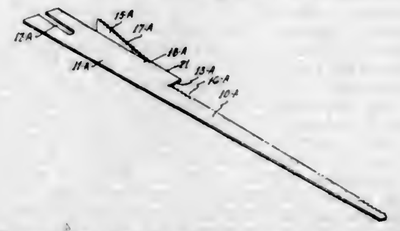
2,128,470
LIGHTING DEVICE
Paul D. Phillips, Elmhurst, Ill., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill., a corporation of Illinois
Application January 27, 1937, Serial No. 122,491
4 Claims. (Cl. 240—78)



3. A lighting construction comprising a hood, an annular downwardly opening bowl-like reflector secured to and depending from said hood, a lamp socket in said hood for supporting an electric lamp so that it extends downwardly from the hood and into the reflector, said annular reflector having its lower annular edge lying substantially in a plane perpendicular to the axis of the lamp, and an auxiliary reflector mounted so that the major portion of it lies between the inner surface of the annular reflector and the

axis of the lamp for directing a beam of light laterally toward the axis of the lamp and underneath the lower annular edge of the annular reflector, said auxiliary reflector being mounted for swivel adjustment about the axis of the lamp whereby the lateral light may be intensified in the desired radial direction, and said auxiliary reflector being adjustable to vary the vertical angle of inclination of the beam therefrom, said mounting means comprising a bracket having clamping means embracing the lower edge of said annular reflector for securing it to said lower annular edge in various adjusted positions about the axis of the lamp, said bracket having an arm extending upwardly from said annular edge and inwardly toward the axis of the lamp, said auxiliary reflector being pivotally mounted adjacent its upper edge and adjacent the upper end of said arm to vary the vertical angle of inclination of the reflected beam.

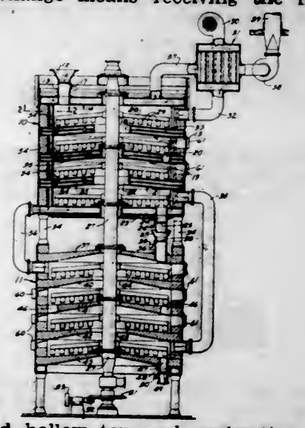
2,128,471
COMPASS SAW
Claude H. Raines, Portland, and James C. Raines, Lacomb, Oreg.
Application November 22, 1937, Serial No. 175,864
1 Claim. (Cl. 143—134)



A compass saw having a main blade provided with a stop between the ends thereof and having cutting teeth formed between said stop and the point of said blade, a guide formed on said saw extending from said stop away from the point of said saw and in parallelism with its cutting teeth and an auxiliary saw blade integral with said main blade and normal thereto having its cutting teeth merging into the end of said guide which is spaced from said stop.

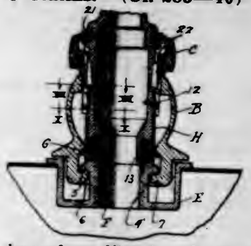
2,128,472
INCINERATION
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application December 2, 1936, Serial No. 113,814
9 Claims. (Cl. 110—12)

1. In combination, a multiple-hearth drying furnace, a multiple-hearth burning furnace beneath the drying furnace and spaced therefrom, the drying furnace comprising hollow hearths and a hollow top connected in series, means including gas seals at the top and bottom of each furnace for feeding the material to be treated downwardly from hearth to hearth through the drying furnace and then through the burning furnace, means for passing preheated air downwardly through the drying furnace, means for passing the air laden with moisture and vapors evolved in the drying operation from the lower part of the drying furnace to the lower part of the burning furnace, means for passing the hot combustion gases from the upper part of the burning furnace into the lowermost hearth of the drying furnace and upwardly through the hollow hearths and the hollow top in series, and heat exchange means receiving the hot gases



from said hollow top and preheating the air passing into the upper part of the drying furnace.

2,128,473
TAP CONSTRUCTION
Frank E. Rice, Detroit, Mich., assignor to American Tap-Bush Company, Detroit, Mich., a corporation of Delaware
Application March 26, 1937, Serial No. 133,133
5 Claims. (Cl. 285—40)

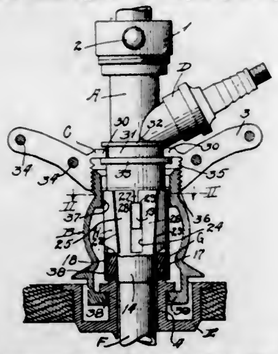


1. A beer barrel or like tap having the usual connector and threaded coupling ring for connecting the tap to a bush and carrying a sealing washer, characterized by a sleeve shiftable on the tap when the latter is connected to its bush and surrounding the washer to prevent radial spread of the washer when the tap is tightened against a bush by rotation of the coupling ring, said sleeve being shiftable along the tap to adapt itself to wear of the washer in service, and said sleeve and tap having cooperating means offering frictional resistance to the shifting of the sleeve.

2,128,474
TAP
Frank E. Rice, Detroit, Mich., assignor to American Tap-Bush Company, Detroit, Mich., a corporation of Delaware
Application July 3, 1937, Serial No. 151,776
6 Claims. (Cl. 285—40)

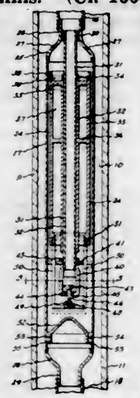
1. In combination, a tap and a tap bush, said bush including a switch, a coupling axially movable along said tap and having threads about its upper end and lugs on its lower end to engage said switch, a coupling ring rotatable on said tap and having threads for connection to and disconnection from said coupling, said tap and coupling having cooperating lugs and notches for preventing relative rotative movement thereof while

allowing relative axial movement, and a sleeve about said tap and having a deflected part acting with hook action against a tap lug for preventing



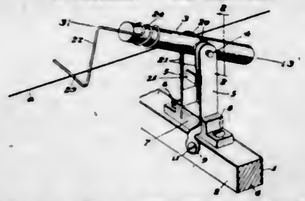
loss of the sleeve from the tap when the tap is disconnected from a bush and the ring is disconnected from the coupling.

2,128,475
FLOW CONTROLLING VALVE FOR OIL WELLS
Elbert A. Rodgers, Fort Worth, Tex.
Application August 8, 1936, Serial No. 95,030
5 Claims. (Cl. 166—2)



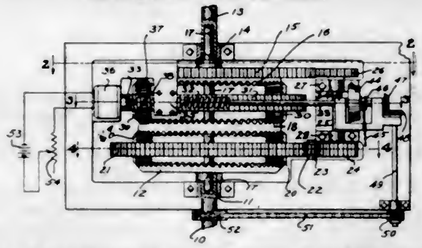
1. A flow controlling device for oil and gas wells and the like, comprising, a hollow cylindrical shield having a restricted vent opening in its top portion and an inlet opening in its bottom but otherwise closed to outside communication, a tubular flow member supported axially in said shield and attachable at its upper end communicably with the lower end of a flow tube within the well, said tubular flow member having an inlet opening in the lower end portion thereof, a float member sleeved slidably on said tubular flow member, a valve head carried by said float member and located in controlling relation to the inlet opening of said tubular flow member, the valve head lifted to open said inlet opening when the float is raised by the fluid in the well at or above a determined level and lowered with the float to close said inlet opening when the liquid is at a lower level, and a liquid intake tube connected communicably with said shield through the inlet opening at the bottom thereof, said shield having a baffle therein between its inlet opening and the valve-controlled inlet opening of said tubular flow member.

2,128,476
ACTUATING MECHANISM FOR STOP MOTIONS
Leslie A. Runton, Andover, Mass.
Application July 16, 1937, Serial No. 153,983
6 Claims. (Cl. 28—51)



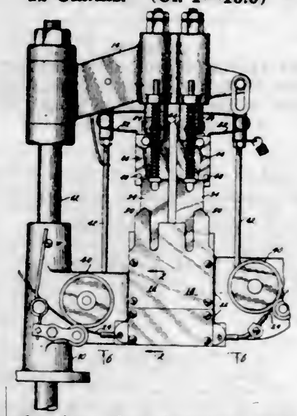
1. A stop motion actuating mechanism for a machine in which the yarn travels under tension and the stop motion is electrically operated to stop the machine upon the completion of an electric circuit through separate mains by said stop actuating mechanism when the break occurs in the yarn, said stop motion actuating mechanism comprising a tiltable lever, a yarn engaging element borne by said lever, means providing an axial mounting for said lever whereby it is tiltable to occupy operative and inoperative positions, a mercury switch borne by said lever with connections whereby an electric circuit will be completed through said switch by the mercury therein when the lever is occupying an operative position and the circuit be broken when the lever is occupying an inoperative position, and means whereby the electrical connection through said switch is extended to said mains for completing the electric circuit through said mains when said lever is occupying its operative position as aforesaid including wiping elements adapted and arranged to have electrical contact with each other during the pivotal turning of said lever when the electric circuit is completed through said switch by the mercury therein.

2,128,477
CONSTANT MESH VARIABLE SPEED GEAR DRIVE
Chalmer Schlosser, Jr., Indianapolis, Ind.
Application May 28, 1937, Serial No. 145,169
15 Claims. (Cl. 74—282)



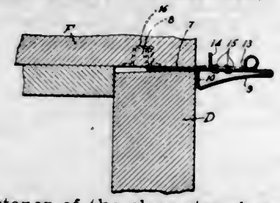
1. A transmission unit between a driving member and a driven member comprising a differential gearing, a second differential gearing, each of said gearings consisting of a pair of spaced apart differential gears with pinion gears constantly meshed therebetween, an annulus shiftable with the pinion gears relative to the gears of one differential, a second annulus shiftable with the pinion gears of the second differential gears, means for revolving one of said annuli, means operating said revolving means, a differential gear of one differential gearing being drivingly connected to said driving member, and a differential gear of the second differential gearing being drivingly connected to the driven member, said revolving means being formed to be operable during movement of the driving member, said operating means consisting of a power unit independent of said driving member, additional driving means interconnecting with said revolving means and said driving member, and disconnecting means between said revolving means and said driving member.

2,128,478
STAPLING MECHANISM
Albert H. Schmidtke, St. Joseph, Mich., assignor to St. Joe Machines, Inc., St. Joseph, Mich., a corporation of Michigan
Application March 20, 1937, Serial No. 132,018
12 Claims. (Cl. 1—13.6)



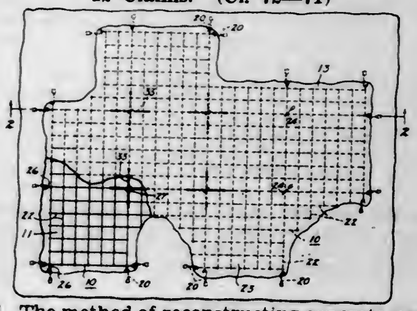
1. A mechanism for forming and driving staples comprising means for feeding wire thereinto, a loop bar retractably positioned between the fed wire and the work piece into which staples are to be driven, a bifurcated forming member having the bifurcations thereof operable in the plane in which the fed wire is initially positioned, said member being adapted when advanced to cut off a length of the wire and having wire-engaging portions whereby the cut off length of wire is positioned in angularly displaced relation to said plane and then bent over the loop bar in said displaced position, and a driver adapted to urge the staple thus formed into the work piece in the said position of angular displacement.

2,128,479
FASTENER FOR DOORS AND WINDOWS
Raymond B. Taylor, Los Angeles, Calif.
Application April 29, 1937, Serial No. 139,721
2 Claims. (Cl. 292—298)



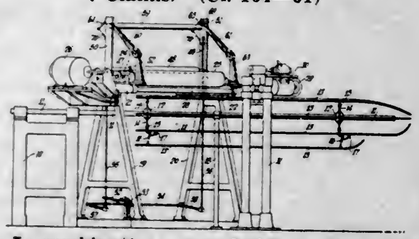
1. A fastener of the character shown and described consisting of a flat member having its end bent to an angle to form a holding prong and having an opening therethrough intermediate its ends, a flat spring portion attached flatwise against the outer end of said first mentioned flat member and diverging outwardly therefrom to a point opposite said opening, said latter flat spring portion having its end bent to an angle through said opening, whereby it can be pressed flatwise against said first flat member with its angle end protruding through said opening, and a slide member on said first flat member slidable into interlocking engagement with the angle end of said second flat member on the opposite side of said first member.

2,128,480
REINFORCING CONCRETE PATCH
Louis S. Wertz, Shaker Heights, Ohio
Application June 15, 1936, Serial No. 85,236
12 Claims. (Cl. 72—71)



1. The method of reconstructing concrete, comprising the steps of preparing the old concrete, affixing thereto a plurality of anchoring means for retaining a reinforcing network, tensioning a reinforcing network between the anchoring means so that the network will be positioned adjacent the surface of the reconstructed concrete, and applying the new concrete.

2,128,481
BIAS CUTTING AND WIND-UP APPARATUS
Frank Gerstein and Harry Gerstein, New York, N. Y., assignors to The Lever Bias Machine Corporation, New York, N. Y., a corporation of New York
Application October 22, 1935, Serial No. 46,066
7 Claims. (Cl. 164—61)

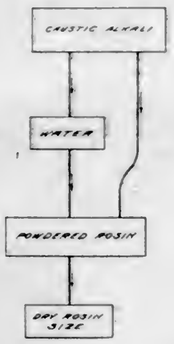


1. In combination a mandrel to receive tubular material, an inclined rotatable support disposed adjacent the receiving end of the mandrel, and a container to be disposed on said support with its open upper face inclined toward the adjacent end of the mandrel, said container having therein tubular material in loosely folded untwisted condition.

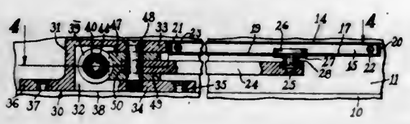
2,128,482
METHOD OF PREPARING A SIZE
William Harry Harding, Rockville Centre, N. Y., assignor to American Cyanamid & Chemical Corporation, New York, N. Y., a corporation of Delaware
Application June 25, 1935, Serial No. 28,259
5 Claims. (Cl. 134—21)

1. A method of preparing a dry composition of matter which includes mixing solid rosin, solid

alkali and a solution of alkali the quantity of solid alkali used being greater than that which will dissolve in the solution of alkali at the mixing temperature, there being insufficient water to give a liquid product in which the total alkali used is sufficient to saponify the rosin, the dry alkali constituting from 10 to 50% of the total.



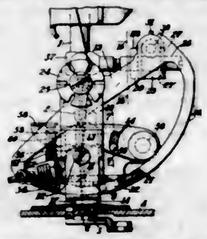
2,128,483
CASEMENT WINDOW OPERATOR
Hobart J. Hendrick, Hamden, Conn., assignor to The H. B. Ives Company, New Haven, Conn., a corporation of Connecticut
Application August 1, 1935, Serial No. 34,125
2 Claims. (Cl. 268—119)



1. In a casement window operator, a casing adapted to be secured to the window frame, said casing having a pair of vertically spaced superposed arms, a worm wheel snugly received between said arms and provided with peripheral teeth, said wheel having an opening extending through the toothed edge thereof between its upper and lower faces, said opening being of sufficient depth to extend beyond the axis of said wheel, a lever arm having one end snugly received in said opening, and a pivot pin passed through said casing arms, said wheel, and said lever arm to secure the lever arm to the wheel and rotatably secure the arm and wheel to the bracket, the other end of said arm being adapted for connection with the window sash, and means including a worm mounted in said bracket for rotating said wheel.

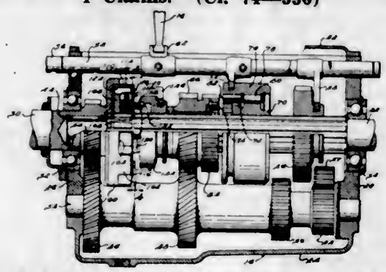
2,128,484
RUG-MAKING ATTACHMENT FOR SEWING MACHINES
John D. Karle, Roselle Park, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application May 13, 1936, Serial No. 79,431
21 Claims. (Cl. 112—9)

1. The combination with stitch-forming mechanism including a reciprocatory needle, of a yarn-loop taker disposed at one side of said needle, means disposed a distance less than a stitch-length in advance of said needle to loop a yarn-strand back and forth between said needle and



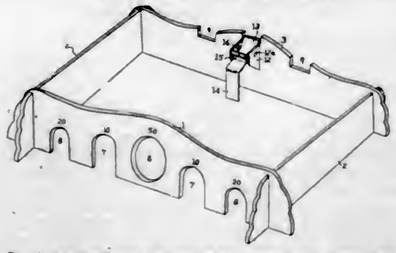
yarn-loop taker, and means to sever only the yarn-loops taken by the yarn-loop taker.

2,128,485
AUTOMATIC TRANSMISSION
Rex E. Keller, Beverly Hills, Calif.
Application August 25, 1933, Serial No. 686,683
4 Claims. (Cl. 74—336)



1. A transmission having in combination a driving shaft, a driven shaft, means providing an intermediate speed fixed ratio driving connection between said shafts, an automatic clutch operable responsive to a predetermined speed of rotation of the driven shaft for connecting said driven shaft directly with said driving shaft and comprising a driving member, a driven member, and a centrifugally movable bolt carried by the driven member and adapted to be projected radially outwardly to engage a stop on said driving member for interconnecting said members, a slidable ring member carried on the driven shaft and cooperable with said bolt to move the same radially inwardly for breaking the direct driving connection between said shafts without regard to the speed of rotation of said driven shaft, and manipulative means for moving said ring member.

2,128,486
MARBLE GAME
Frederick H. King, Detroit, Mich.
Application September 14, 1936, Serial No. 100,648
9 Claims. (Cl. 273—127)



2. A target unit comprising a member having a pair of spaced, forwardly projecting arms, jointly

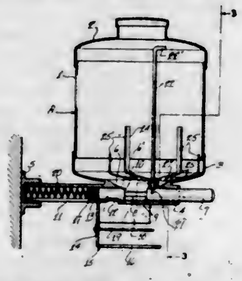
forming a marble support, and a combined trip arm and ejector for a marble occupying such support pivoted jointly upon the forward portions of the paired arms, the trip arm extending normally downwardly and the ejector rearwardly.

2,128,487
YARN CONTROL MEANS
Frederick Klein, Glen Rock, N. J., assignor to Sipp-Eastwood Corporation, Paterson, N. J., a corporation of New Jersey
Application June 22, 1936, Serial No. 86,509
8 Claims. (Cl. 242—128)



1. A device to be positioned at the delivery end of a wound yarn mass from which the yarn is to be drawn over-end fashion including an arcuate series of resilient flexible filaments arranged to project from within to beyond a given orbit and a support circumscribed by said orbit and comprising members exerting clamping pressure on said filaments lengthwise of the axis of said orbit.

2,128,488
POWDER DISPENSER
Emil W. Koerner, St. Louis, Mo.
Application January 6, 1938, Serial No. 183,594
8 Claims. (Cl. 221—62)



1. A powder dispenser comprising a container for powder to be dispensed, a tubular element disposed beneath said container, the interior of said container and the interior of said tubular element being in communication with each other and said tubular element having a powder-discharge opening formed in the wall thereof, a plunger arranged for reciprocatory movement within said tubular element, said plunger being provided with a shoulder which on movement of said plunger in one direction moves powder located within the tubular element to the location of the powder-discharge opening of said tubular element for discharge therethough and powder agitating means located within said container and movable with said plunger for preventing packing of the powder in said container, said agitating means including a rod fixed to and projected upwardly from said plunger into said container, and an element loosely mounted on said rod which includes radially extended arms provided with upwardly projected portions at their outer ends.

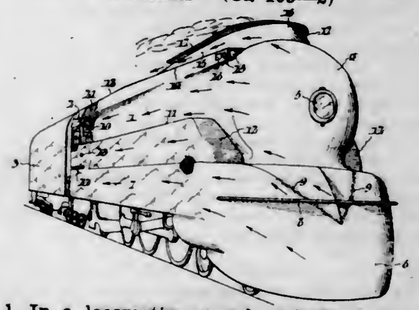
2,128,489
WINDOW SCREEN
Albert Lang, Berkeley, Calif.
Application April 18, 1936, Serial No. 75,133
7 Claims. (Cl. 156—14)



1. A metallic frame for window screens, comprising a ribbon-like strip of metal folded longitudinally to form a groove of rectangular cross section along one side thereof, said frame having corners formed by cutting a mitre through said groove by cutting only the bottom and the inner groove forming side of said strip and bending the uncut portion of said strip at the other wall of the groove at a right angle parallel to the plane of said groove, said strip having four mitre cuts and right angle bends formed intermediate its ends and having its ends abutting between two of the corners to form the frame, and a channel-like clip telescoping over the abutting ends of the strip having its side walls crimped into the outsides of the groove formed in the frame.

7. In a metal window screen of the type having a frame with a continuous channel into which the edges of a screen fabric are secured, a screen fabric upon said frame, a screen fabric securing means in said channel extending around and reinforcing each corner of the screen frame having portions which exert an outward force upon the screen frame between its corners to counteract the tension of the screen fabric at the sides and ends of said frame.

2,128,490
LOCOMOTIVE
Raymond G. F. Loewy, New York, N. Y., and Harold A. Nonemaker, Narberth, Pa., assignors to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 17, 1936, Serial No. 91,152
8 Claims. (Cl. 105—2)



1. In a locomotive, a cab, a boiler extending forwardly of said cab and formed at its front end with laterally extending shoulders at each side thereof, said shoulders extending longitudinally toward the upper part of said cab, a smoke stack on the forward end of said boiler, a casing of substantial longitudinal extent superimposed on the front end of said boiler above said shoulders and surrounding the sides of said smoke stack, said casing being narrower in width than the width between said shoulders, and vanes projecting horizontally from the top of said casing, said vanes extending laterally over said shoulders and

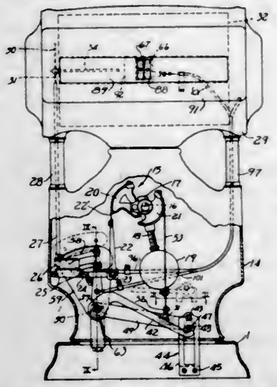
being of a substantial longitudinal extent, the ducts formed by the combination of said vanes, said casing and said shoulders extending rearwardly to conduct over said cab air currents formed in said ducts by the forward motion of said locomotive.

2,128,491

WEIGHING SCALE

Charles O. Marshall, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey

Application January 31, 1936, Serial No. 61,642
4 Claims. (Cl. 265—37)



1. In a device of the class described, in combination, weighing mechanism comprising load receiving means, automatic load counterbalancing mechanism and complementary manipulative load offsetting mechanism cooperating with said load receiving means, indicating means comprising a chart having a series of spaced computed value columns for loads offset by said automatic load counterbalancing mechanism, a series of spaced computed value columns for loads offset by the cooperation of said automatic load counterbalancing mechanism and said complementary manipulative load counterbalancing mechanism, the columns of the second said series being interspersed among the columns of the first said series, means including a plurality of spherical lenses for selecting successively value characters relating to loads counterbalanced by said automatic load counterbalancing mechanism and other value characters relating to loads counterbalanced by said manipulative load counterbalancing mechanism, and means controlled by said complementary manipulative load-counterbalancing mechanism for shifting said lenses from before one of said series of columns to before the other of said series of columns.

2,128,492

OBSERVATION TOWER

Dan Mena, Oakland, Calif.

Application April 26, 1937, Serial No. 138,984
6 Claims. (Cl. 104—56)

1. An observation tower comprising a vertical, substantially cylindrical supporting frame, a shell surrounding and spaced from said supporting frame, a track disposed helically around and ascending along said frame from the bottom to the top thereof, said ascending track comprising a pair of spaced inner rails and a pair of spaced outer rails elevated above the level of said inner rails, a track disposed helically around and descending along said frame from the top to the bottom thereof, said descending track comprising a pair of spaced outer rails and a pair of spaced inner rails elevated above the level of said outer rails, said ascending and descending tracks being connected together at the top and bottom of said frame by looped track sections each comprising pairs of inner and outer rails spaced similarly to the rails of said ascending and descending tracks, joined therewith, and each being in planar alinement, an endless train of cars movable along said ascending and descending tracks, each of said cars having sep-



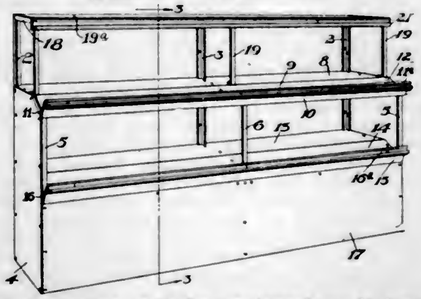
arate pairs of wheels spaced to conform, respectively, with the spacing of the inner and outer rails of said tracks, one pair of said wheels engaging the elevated outer rails of said ascending track when passing along said latter track and engaging the lower outer rails of said descending track when passing along the descending track, and the other pair of wheels engaging the inner rails of said ascending track when passing along said latter track and engaging the elevated inner rails of said descending track when passing along the descending track, and means carried by one or more of said cars for moving said cars along said endless track.

2,128,493

DISPLAY RACK

Wilbur R. Minton, Sidney, Ohio

Application July 15, 1936, Serial No. 90,739
2 Claims. (Cl. 211—135)



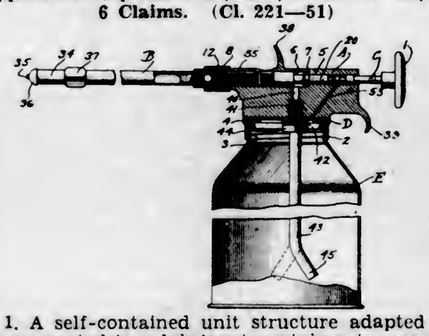
1. A display rack for packaged goods having three shelves and a back wall secured to all of said shelves and providing a back wall for each of the lower two shelves, one of said shelves being disposed horizontally at substantially eye level, the second of said shelves being disposed slightly below the horizontal eye level and having a diagonal portion substantially perpendicular to the angle of vision, the third of said shelves being disposed below said second shelf and having a diagonal portion nonparallel to the diagonal portion of said second shelf, the plane of the diagonal portion of said third shelf being substantially perpendicular to the normal angle of vision, supporting standards secured between the front of said first shelf and said second shelf for cooperation with said back wall to rigidly space said first and second shelves with respect to one another, and common end walls rigidly secured to said second and third named shelves respectively and adapted to cooperate with said common back wall to rigidly support said second and third named shelves in fixed spaced relationship.

2,128,494

HIGH PRESSURE HAND LUBRICATOR

John C. Morrow, Chicago, Ill., assignor to Morrow Lubricator Company, Chicago, Ill., a corporation of Illinois

Application September 23, 1937, Serial No. 165,259
6 Claims. (Cl. 221—51)



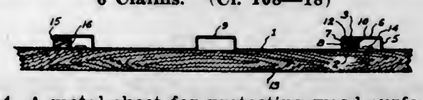
1. A self-contained unit structure adapted to be connected to a lubricant container to cooperate therewith to provide a high pressure hand lubricator, said unit including means for connecting it to a container and including means providing a working chamber, a discharge spout communicating with said chamber, means providing a restricted passage between said chamber and spout, a spring pressed ball normally closing said passage and arranged to open said passage by movement away from said chamber, a cup shaped piston valve movable within said chamber towards and away from said first mentioned valve, the said piston valve having an axial port at one end, a plunger rod having a tapered portion on it extending through said port for closing said port when the rod is moved in the direction towards said first valve, spring means acting against said rod tending to move it away from said spout, said unit having an oil port opening into said chamber in spaced relation to said restricted passage, a feed tube connected with said oil port and adapted to extend toward the bottom of the connected container for supplying lubricant to the chamber, initiation of movement of said plunger toward said spout closing the plunger port to oil passage thereby trapping oil in said chamber between the plunger and restricted passage and continued movement building up pressure of the trapped oil until resistance of the ball spring is overcome and thereby discharging the oil through said spout, the said spring means then becoming effective to move said rod in the opposite direction, said piston valve snugly fitting said chamber so as to be moved on said rod on return stroke by frictional engagement with the chamber wall to displace said valve with respect to said rod and open its axial port to lubricant passage through said valve and into said chamber, the return movement of said cup shaped valve creating vacuum in said chamber between the piston valve and ball valve for drawing another charge of lubricant into the chamber between the said valves.

2,128,495

SHEET METAL ROOFING AND SIDING

Dan R. Murphy, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Application September 10, 1936, Serial No. 100,145
6 Claims. (Cl. 108—18)



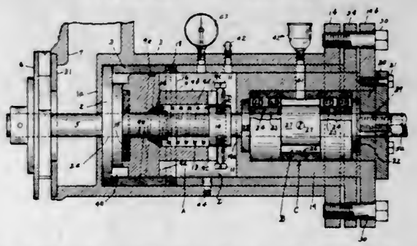
4. A metal sheet for protecting wood surfaces, having a parallel hook portion along one edge and a seam concealing portion along the opposite edge, cleats provided with means for engaging said hook portion and for fastening to a supporting surface, said seam concealing portion having an angularly inturned wedging element for engagement with said hook portion within said seam concealing ridge.

2,128,496

PACKLESS BEARING

Daniel Murphy, New Castle, Pa.

Application April 24, 1937, Serial No. 138,806
17 Claims. (Cl. 308—36.2)



1. A bearing structure for a rotary shaft, said bearing structure including an outer housing providing a bearing chamber, and an inner housing providing a second bearing chamber in axial alignment with the first chamber, and said shaft extending through said chambers; said first chamber including a sealing disc through which said shaft extends, a bearing member, means for securing said bearing member to rotate in unison with said shaft while permitting movement of such bearing member axially of the shaft, and a spring arranged to hold said rotating bearing member in pressure engagement with said sealing disc; a bearing arranged in the chamber in said inner housing, means for securing said bearing in fixed position axially of said shaft and inner housing, said inner housing being axially adjustable within said outer housing, whereby said shaft may be axially shifted relatively to said outer housing without interrupting the pressure engagement of said first bearing member with said sealing disc.

2,128,497

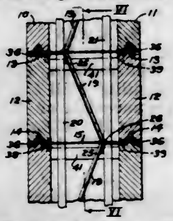
WALL CONSTRUCTION

John J. Olsen, San Francisco, Calif.

Application June 11, 1937, Serial No. 147,716
11 Claims. (Cl. 72—44)

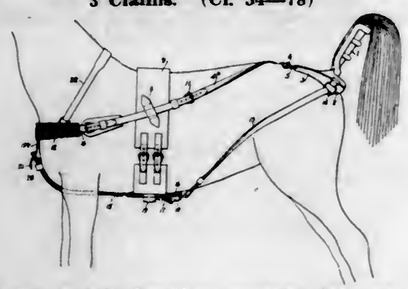
1. In a wall construction, the combination of two surface forming walls disposed in spaced re-

lation and composed of blocks laid in corresponding courses and having cooperating tongue and groove surfaces along their top and bottom edges, transversely extending tie forming means cooperating with the tongue and groove of said blocks for retaining said blocks in spaced relation, and diagonally extending truss forming means be-



tween said walls interlocking with said tie forming means, and a reinforcing means disposed in spaced relation with each course of blocks and extending throughout the height of the walls and interlocking with the ends of said transversely extending tie forming means for reinforcing said walls in their vertical plane.

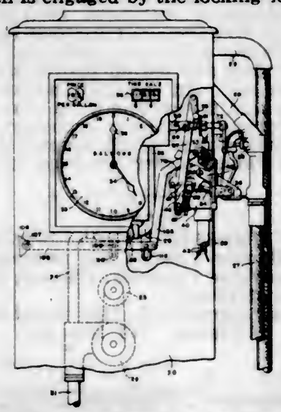
2,128,498
CRUPPER HARNESS
John K. Ottley, Atlanta, Ga.
Application May 13, 1937, Serial No. 142,442
3 Claims. (Cl. 54—78)



1. In a tail-elevating crupper harness for horses, the combination with back-straps connected to the crupper at one end and loops to hold said back-straps from sagging downward, of a breast-strap to which the forward ends of the back-straps are connected, whereby the tension of the back-straps in holding the crupper is borne against the horse's shoulders through the breast-strap.

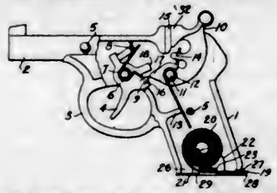
2,128,499
LIQUID DISPENSER
William J. Peter and Basil J. Yanchenko, New York, N. Y., assignors to Aqua Systems Incorporated, New York, N. Y., a corporation of New York
Application June 29, 1937, Serial No. 150,896
13 Claims. (Cl. 221—95)

1. An indicator resetting and switch interlocking mechanism for liquid dispensers having an indicator driven by liquid metering means and liquid flow producing means comprising, in combination, a switch having a switch operating shaft, switch operating means for closing and opening the switch including an operating lever, a pivot for the lever spaced from the switch operating shaft, a bell crank secured to the switch operating shaft, and a projection upon the operating lever engaging the bell crank to open and close the switch; switch locking means including a switch locking lever having a locking and a released position, means holding the locking lever in the position to which it is moved, the switch locking lever being pivoted upon the switch operating shaft and connected with the operating lever so that the locking lever is moved thereby to locking position upon closing of the switch, and a projection upon the operating lever which is engaged by the locking lever when



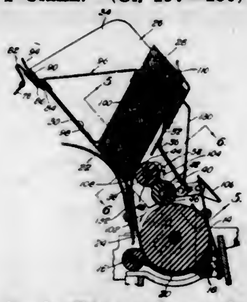
the switch is opened and locks the operating lever upon opening of the switch for preventing the switch from being again closed; means for resetting the indicator to zero reading; and means connecting the switch locking lever with the resetting means so that when the resetting means is actuated to return the indicator to zero reading the switch locking means is released.

2,128,500
TOY PISTOL
Robert J. Rickenbacher, Columbus, Ohio, assignor to The Kilgore Mfg. Company, Westerville, Ohio, a corporation of Ohio
Application December 9, 1935, Serial No. 53,502
2 Claims. (Cl. 42—57)



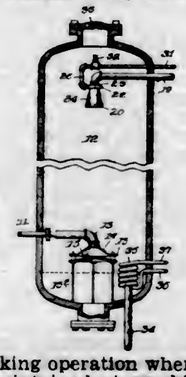
1. In combination, a toy pistol having a butt with an opening therein, and an ammunition carrier insertable in said opening and adapted to support a roll of explosive caps in tape form, said carrier having an aperture therein and having means associated therewith for facilitating the detachment of individual caps therefrom, said detachment facilitating means comprising a member associated with said carrier and arranged adjacent said aperture, said aperture and said carrier member being adapted to permit the insertion of a finger of the user for holding the strip of caps against said carrier member during the operation of detaching an individual cap, said carrier having a tear-off portion adapted to facilitate the detachment of individual caps, the edge of said butt opening being spaced apart from the edge of said tear-off portion whereby to permit the passage of the cap tape therebetween.

2,128,501
FEEDER
George S. Smith, Chicago, Ill.
Application September 1, 1936, Serial No. 98,968
1 Claim. (Cl. 197—130)



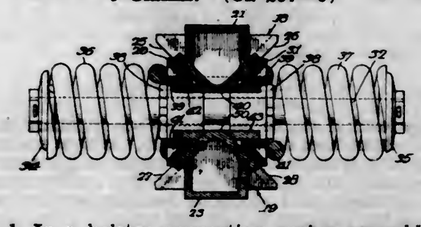
A device for feeding cards, envelopes and the like to a typewriter having a rotatable platen mounted upon a platen carriage comprising a hopper consisting of back and front walls disposed at an angle with respect to each other and connecting vertical side walls, opposing plates adjustably secured adjacent the lower end of each side wall, a pair of shafts extending between and journaled in said plates, oppositely arranged, registering and engaging rollers mounted upon said respective shafts, the roller upon one of said shafts being positioned below and extending within the line of said front wall and forming with said back wall a discharge opening from said hopper, the roller upon the other of said shafts being adapted to extend into contact and cooperation with the platen of a typewriter, whereby power and movement is transmitted through the contacting areas of each roller, and the adjacency of the roller which enters the hopper to the back wall thereof may be adjusted, a follower adapted to cooperate with the contents of said hopper and means for detachably securing said hopper to a platen carriage.

2,128,502
DECOMPOSITION OF HYDROCARBON OILS
Harold R. Snow, Hammond, Ind., assignor to Standard Oil Company, Whiting, Ind., a corporation of Indiana
Application February 14, 1930, Serial No. 428,430
4 Claims. (Cl. 196—61)



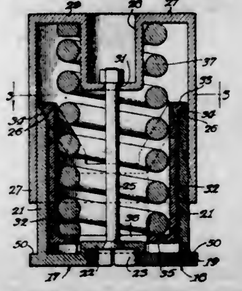
1. In a cracking operation wherein an enlarged chamber is maintained at cracking temperature and partly filled with vapors and partly filled with liquid and wherein liquid is continuously withdrawn from said chamber, passing a stream of cooling fluid in indirect heat conductive relation with substantially only that portion of the liquid within the chamber which is in immediate proximity to the point of withdrawal while avoiding any substantial cooling of the remainder of said liquid within said chamber, thereby preventing coke deposits at the point of withdrawal of the liquid, and separately withdrawing the spent cooling fluid from said enlarged chamber.

2,128,503
FRICTION BOLSTER SPRING
Donald F. Sproul, Chicago, Ill., assignor to Cardwell-Westinghouse Company, a corporation of Delaware
Application August 28, 1935, Serial No. 38,259
9 Claims. (Cl. 267—9)



1. In a bolster supporting spring assembly, a spring unit comprising a pair of vertically spaced thrust members, said members having adjacent wedge faces, a pair of horizontally arranged wedge elements having wedge portions engaging said faces, and skirt portions on the outer sides of one of said thrust members having flanges engaging cooperating flanges on the other thrust member for limiting the expansion of said unit.

2,128,504
BOLSTER SPRING UNIT
Donald F. Sproul, Chicago, Ill., assignor to Cardwell-Westinghouse Company, a corporation of Delaware
Application January 16, 1936, Serial No. 59,426
11 Claims. (Cl. 267—9)

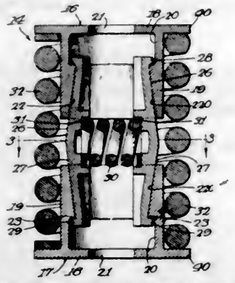


1. In a car bolster supporting spring unit, an upper base, a lower base consisting of two sections, extensible and compressible friction mechanism between said bases, said mechanism including means including a cylindrical member having wedging surfaces at one end only thereof for causing a greater frictional resistance to the expansion of said unit than to the compression thereof.

2,128,505
BOLSTER SUPPORTING SPRING UNIT
Donald F. Sproul, Chicago, Ill., assignor to Cardwell-Westinghouse Company, a corporation of Delaware
Application January 16, 1936, Serial No. 59,427
9 Claims. (Cl. 267—9)

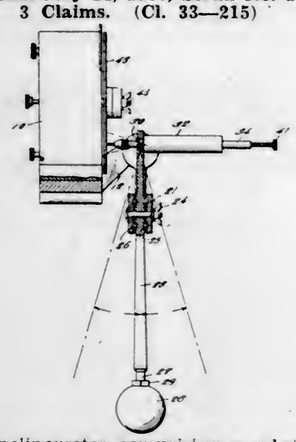
1. A cylindrical base member having a flange extending about its lower portion, a cylindrical

bolster supporting member having a flange extending about its upper end, the adjacent ends of said cylindrical members having their inner surfaces inclined outwardly to form wedging surfaces comprising segments of cylinders, a plurality of shoes having inclined friction surfaces



in the form of segments of cylinders engaging the inclined surfaces of said members, resilient means extending transversely to said shoes and tending to separate the same, and a spring surrounding said members and engaging said flanges for resisting the compression of said unit.

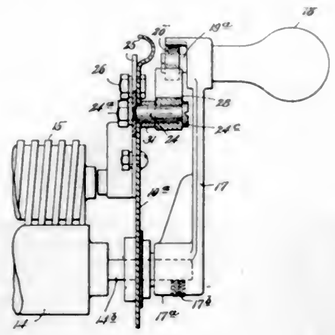
2,128,506
INCLINOMETER
Bruce M. Staunton, Wichita, Kans.
Application July 14, 1937, Serial No. 153,681
3 Claims. (Cl. 33—215)



1. An inclinometer comprising a substantially U-shaped bracket adapted for mounting upon a vehicle transversely thereof, said bracket embodying arms inclined in a longitudinal direction, a clock mechanism mounted on the bight portion of said bracket, a chart mounted for rotation on the arbor of the clock, a scriber having contact with said chart and means for supporting said scriber upon said bracket for transverse and longitudinal swinging movement.

2,128,507
MECHANICAL POSITIONING STOP
Frederick W. Storck, Arlington, Mass., assignor to Standard Mailing Machine Company, Everett, Mass., a corporation of Massachusetts
Application June 30, 1937, Serial No. 151,208
4 Claims. (Cl. 101—132)

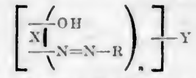
1. A machine embodying a rotatable element having a determinate registering position and means for rotating said element in opposite directions; in combination with a registering stop for said rotating means, said stop being effective only when said means is rotated in one direction, said stop including a pivot stud having a seat portion, a member positioned on said stud and



adapted for rotation thereon, a plunger carried by said member and having an end face adapted to engage with said seat portion with means urging said face to engage with said seat and whereby said member is urged to a normal operative position when said member is rotatively displaced.

2,128,508
AZO DYESTUFFS
Richard Stusser, Cologne, and Friedrich Muth, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 21, 1935, Serial No. 27,811. In Germany June 27, 1934
5 Claims. (Cl. 260—152)

1. Water-soluble azo dyestuffs forming heavy metal complex compounds of the general formula:

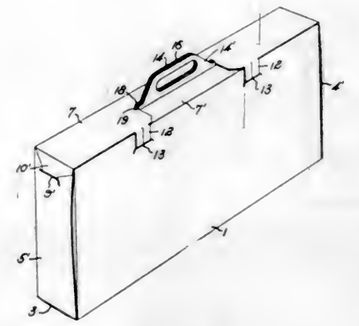


wherein X stands for the radical of a diphenylene oxide compound, R stands for the radical of a diazo compound, capable of forming heavy metal complex compounds, OH and N=N—R stand in ortho position to each other, *n* stands for one of the numbers one and two and Y stands for a water-solubilizing group selected from the class consisting of the sulfonic acid and the carboxylic acid groups, yielding generally brown to violetish-brown to blackish-brown shades, which when transformed into their heavy metal complex compounds are distinguished by good fastness to fulling, carbonization and light.

2,128,509
HANDLE REINFORCEMENT FOR BOXES
Lytle E. Swope, Lakewood, Ohio, assignor to The Ohio Boxboard Company, Rittman, Ohio, a corporation of Ohio
Application September 1, 1937, Serial No. 162,015
6 Claims. (Cl. 229—52)

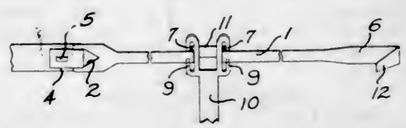
1. In a container provided with a pair of similar juxtaposed handles, a handle-reinforcing

member adapted for interposition between said handles and provided with attaching and posi-



tioning means for engagement with a wall of said container.

2,128,510
TYPEWRITER RIBBON GUIDE
George Whelan, San Francisco, Calif., assignor of one-half to Frank J. Lasar, San Francisco, Calif.
Application June 8, 1937, Serial No. 147,052
7 Claims. (Cl. 197—172)



1. Means for directing an inked ribbon through guides disposed in typewriters and similar devices, comprising a flexible strip fixed to one end of said ribbon, said flexible strip being substantially narrower than said ribbon and having therein an offset portion.

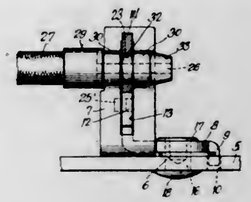
2,128,511
PROCESS OF PREPARING META-NITRO-PARA-TOLUIDINE
Charles B. Biswell and Walter V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 2, 1936, Serial No. 103,696
4 Claims. (Cl. 260—578)

1. The process which comprises diluting and cooling a sulphuric acid solution of N-acetyl-p-toluidine until a precipitate is produced between 12° and 20° C. and the concentration of the acid in said suspension is about 80%, mono-nitrating by adding to said suspension a quantity of mixed nitric and sulphuric acids containing an excess of nitric acid over that utilized for mono-nitration and sufficient sulphuric acid to produce a sulphuric acid concentration at the end of nitration as referred to the water and sulphuric acid content of the mixture which is not lower than 76% and not above the concentration of sulphuric acid in said suspension, and maintaining the temperature between 18° and 24° C. during nitration.

2,128,512
FREE METHANE-SULPHONIC ACIDS OF PYRAZOLONEAMINES AND PROCESS OF PREPARING THEM
Max Bockmühl and Leonhard Stein, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application January 8, 1935, Serial No. 924. In Germany January 13, 1934
8 Claims. (Cl. 260—310)

2. In the process of preparing omega-methanesulphonic acids of 2.3-dialkyl-4-amino-pyrazolones the steps which comprise conducting the step which directly leads to the formation of the free omego-methanesulphonic acid in the presence of an organic solvent in which said acids are substantially insoluble, selected from the class consisting of low molecular aliphatic alcohols, low molecular aliphatic ketones, acetic ester, benzene and ether in the absence of a substantial amount of water, and isolating the free sulphonic acid.

2,128,513
TERMINAL ASSEMBLY
Frank A. Dotterer, Logansport, Ind., assignor to R-B-M Manufacturing Company, Logansport, Ind., a corporation of Indiana
Application April 8, 1935, Serial No. 15,185
6 Claims. (Cl. 173—328)

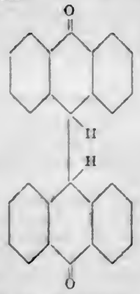


6. A terminal assembly for receiving a conductor, comprising a base, a resilient contact member having a portion lying against said base and a substantially planar angularly extending portion provided with a longitudinal slot, a frame plate having a base portion secured to said base and having a planar normally extending portion partially projecting through said slot, said last named portion being apertured to receive said conductor, and means securing said base portions to said base.

2,128,514
VAT DYESTUFFS AND A PROCESS OF PREPARING THEM
Wilhelm Eckert and Ernst Fischer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application August 2, 1934, Serial No. 738,159. In Germany August 9, 1933
16 Claims. (Cl. 260—335)

1. The process which comprises boiling for 18

hours in a reflux apparatus dihydrodianthrone of the constitution



with benzoquinone in the presence of chlorobenzene.

2,128,515

CASE FOR LIPSTICK OR SIMILAR ARTICLE

Jacques Fouinat, Paris, France, assignor to Guerlain Inc., New York, N. Y.

Application October 9, 1935, Serial No. 44,137
In France October 18, 1934
14 Claims. (Cl. 206—56)



1. A holder of the type described, comprising a case, a movable cup member therein, means connected to said member and extending toward the outside of said case, for the operation of said member by hand, an obturating device, comprising two frames, having each a covering top portion, to close the orifice of said case and means forming a part with said frames and operatively connected with said operating means to first lift and to thereafter shift said frames and their top portions in lateral directions, whereby the orifice of said case is opened and the article held in said cup member is exposed and permitted to be moved outwardly by said operating means.

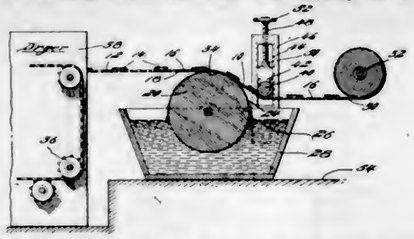
2,128,516

METHOD OF TREATING FABRICS

Clarence T. Graham, Mansfield, Mass., assignor to William H. Bannon, Mansfield, Mass.

Application February 2, 1935, Serial No. 4,643
Renewed June 7, 1938
2 Claims. (Cl. 8—151)

2. The method of finishing fabric having a flat reverse side and raised pattern-forming or figure portions on the obverse side thereof and directly connected thereto to produce a finished fabric having the pattern-forming or figure portions unfinished, comprising the steps of: moving the fabric in sheet form through a liquid applying and drying zone; applying a liquid finishing material to the reverse side of said fabric as said fabric enters said zone; at a time interval thereafter drying said fabric to produce the desired penetration of said finishing material into said sheet of fabric; and controlling the depth of penetration of said liquid finishing material into said raised portions by regulating the amount of liquid applied to a unit area of said fabric, the speed of travel of said fabric, and the time interval between the application of the finishing material and the drying of said



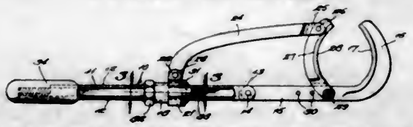
fabric, with respect to each other, whereby said fabric is finished without substantially affecting the raised pattern-forming or figure portions thereof.

2,128,517

WRENCH

Oscar D. Legg, Athens, Ala.

Application September 23, 1936, Serial No. 102,207
2 Claims. (Cl. 81—91)



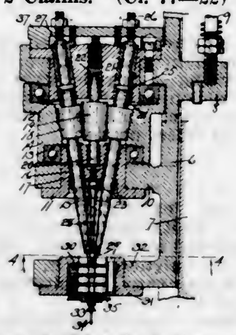
1. A wrench of the character described comprising a shank, a sleeve threaded on said shank, a collar encircling said sleeve, a jaw having a stem pivoted to said shank, a second jaw pivoted to the stem and adjustable thereon, a link pivoted to the collar and to said last-mentioned jaw, and fingers on the collar and frictionally engaging opposite faces of the shank for preventing turning of the collar on the turning of the sleeve.

2,128,518

DRILLING MACHINE

Anton Van Veen, West Hartford, Conn.

Application November 1, 1935, Serial No. 47,828
2 Claims. (Cl. 77—22)



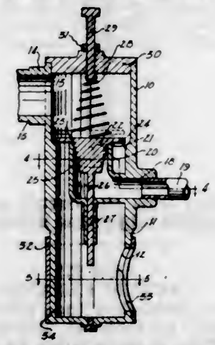
1. A drilling machine including a supporting head, a plurality of spindles rotatably mounted with their axes in relatively inclined positions in said head, drivers loosely attached to said spindles, collars secured to said spindles, a pulley encircling said spindles and having an opening with an inclined wall to fit said drivers, a backing roller of frusto-conical shape rotatably mounted in engagement with said drivers, springs located between said drivers and the collars on said spindles to thrust the drivers into contact with said pulley, an adjusting screw in the end of each spindle to adjust its lengthwise position, flexible drill holders secured to said spindles and adapted to receive straight drills of ordinary construction, and means for positioning the working parts of said drills in substantially parallel relation.

2,128,519

GAS MIXER

George R. Adams, Hillsboro, Tex.

Application August 16, 1935, Serial No. 36,510
3 Claims. (Cl. 48—180)



3. The herein described gas and air mixer including, an elongated vertical hollow cylindrical body having a lateral air inlet opening in its lower end portion and provided with a rotatable sleeve having an opening to be brought into different degrees of registration with the air inlet opening of the body to vary the capacity of air intake, said body having a removable upper end closure and a lateral outlet opening adjacent the end closure with provision for communicable connection in a suction conduit, a cylindrical gas conductor supported axially in said body below the outlet opening thereof and above the air inlet opening in annularly spaced relation to the surrounding body wall, said conductor being open at its top but otherwise closed to the interior of the body, a valve element comprising a flat circular plate portion of a peripheral diameter slightly less than the interior diameter of the body and formed with a beveled annular seat on its under side to engage a counterpart seat provided therefor at the upper end of said conductor, said valve element provided on its under side with a downwardly tapering head merging at its base with the annular seat portion and extending axially into said conductor, an axial stem extending downwardly from said head of the valve element and fitted slidably in a guide sleeve provided therefor on said conductor, a tapered coiled spring disposed with its larger end downward and engaging the upper side of said valve element, and a longitudinal adjusting screw mounted axially in the upper end closure of said body and engaging the smaller upper end of said spring whereby to regulate the tension of the spring.

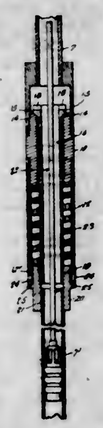
2,128,520

TUBING DRAIN

Norval Horace Armstrong, Seminole, Okla., assignor of one-fourth to Jessie Armstrong, one-fourth to Elmer E. Cox, Snomac, Okla., and one-fourth to Henry E. Clay, Snomac, Okla.

Application April 30, 1937, Serial No. 140,056
1 Claim. (Cl. 137—34)

A tubing drain comprising a tubular member having a valve seat at its upper end, a cylindrical upper member connected with the upper end of the tubular member, a tubing section connected with the upper end of the upper member, a tubular valve stem having an enlarged valve head for engaging the seat and said head being larger in diameter than the tubing section, a sleeve connected with the lower end of the valve seat carrying member and enclosing the valve stem, a tubular block having a sliding fit in the lower end of the sleeve and connected with the lower end of the valve stem, a spring surrounding the valve stem and located in the sleeve and bearing respectively against the lower end of the seat



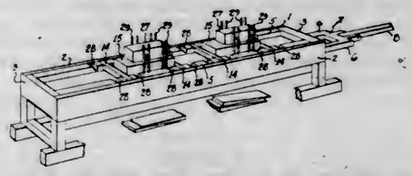
carrying member and the upper end of the block, means for connecting the lower part of well tubing to the lower part of the block, whereby the valve head will be moved off the seat to drain the upper well tubing when the lower tubing is caused to engage the bottom of the well, means for latching the block to the sleeve to hold the valve head off the seat, said valve head having notches therein and the seat carrying member having longitudinally extending grooves in the walls of its bore extending from the valve seat through the lower end of the seat carrying member for the passage of fluid when the valve head is off its seat.

2,128,521

SHAKE-SPLITTING MACHINE

Axel E. Beckman, Oregon City, Oreg.

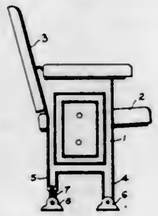
Application April 26, 1937, Serial No. 139,023
4 Claims. (Cl. 144—193)



3. A shake making apparatus, comprising a frame, upper and lower guide bars secured on the inner surfaces of the frame and spaced apart to form guideways, slide bars movable in the respective guideways, a wedge arranged transverse and connected to the respective slide bars, a material block supporting plate connected to the respective slide bars, the upper surface of the plate being below the path of movement of the wedge and spaced therefrom, means for loosely confining a material block on the plate to permit a slight

movement of the block in the direction of movement of the wedge and tilting of the block in the formation of a shake, whereby when the wedge is advanced toward the block of material on the plate, the wedge will split a shake from the block, the forward end of the shake passing between the plate and wedge and the block falling in position for formation of a subsequent shake.

2,128,522
CHAIR
Robert Burns and Harry Hill Hayward, Wichita, Kans.; said Hayward assignor to Service Foundry Company, Wichita, Kans.
Application March 16, 1935, Serial No. 11,461
3 Claims. (Cl. 155—88)



3. In a chair of the class described including a plurality of supporting legs, anchoring members positioned below the legs, one pair of said legs being pivotally connected to their corresponding anchoring members, extension members between the other pair of legs and their corresponding anchoring members, said extensions being pivotally secured at one end to said anchoring members and adjustably carried at the other end by said legs.

2,128,523
COMPOSITION FOR USE IN PREVENTION OF CORROSION OF METAL SURFACES
Arthur W. Burwell, Niagara Falls, N. Y., assignor to Alox Corporation, New York, N. Y., a corporation of New York
No Drawing. Application June 29, 1936, Serial No. 88,056
5 Claims. (Cl. 134—1)

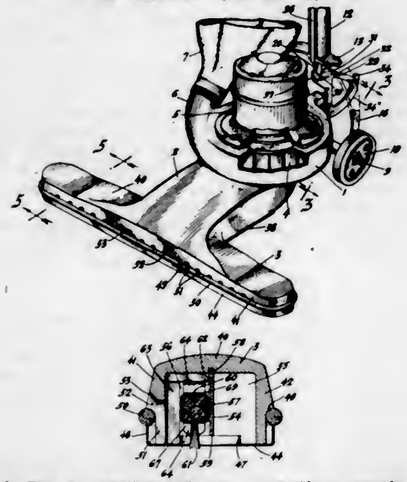
1. Film-forming protective composition adapted for use on metal surfaces, consisting essentially of an oily solution of a mixture of neutral unsaponifiable oxidized petroleum hydrocarbons obtained by the liquid-phase partial oxidation of a mixture of petroleum hydrocarbons, said mixture of neutral unsaponifiable compounds consisting essentially of aliphatic alcohols, aliphatic ketones, aliphatic keto-alcohols and neutral esters and lactones of high molecular weight saturated aliphatic carboxylic acids, said composition being substantially anhydrous and inert to metal.

2,128,524
ERASER
George H. Daviau, New Orleans, La.
Application April 9, 1937, Serial No. 136,003
2 Claims. (Cl. 120—36)

1. An eraser of the class described comprising a shell, a cap closing one end of the shell, a motor in the shell, a shaft driven from the motor and extending into the cap, an elongated sleeve, a casing connecting the inner end of the sleeve with the cap and said casing including spaced supporting members, a barrel passing through the sleeve and into the casing and rotatably arranged in said spaced supporting members, means for connecting the inner end of the barrel to the motor shaft and a flywheel forming collar detachably connected with the barrel and located between said spaced supporting members.



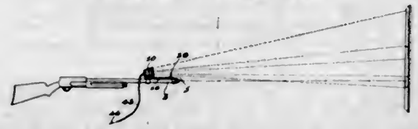
2,128,525
VACUUM CLEANER
John B. Dyer, Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 4, 1933, Serial No. 669,319
16 Claims. (Cl. 15—8)



1. In a suction cleaner, suction producing means and a suction nozzle having an open mouth including spaced front and rear walls adapted to contact at their lower edges with a surface to be cleaned, a depending partition in said nozzle with its lower edge intermediate said walls and above the lower edges thereof, the space between said partition and front wall constituting a brush chamber and the space between said partition and rear wall constituting a suction chamber in direct communication with said suction producing means, and a brush in said brush chamber, and a plurality of air inlet passages in said front wall above the lower edge thereof through which air will be drawn and pass through the brush and between the lower edge of the partition and the surface to be cleaned into the said suction chamber.

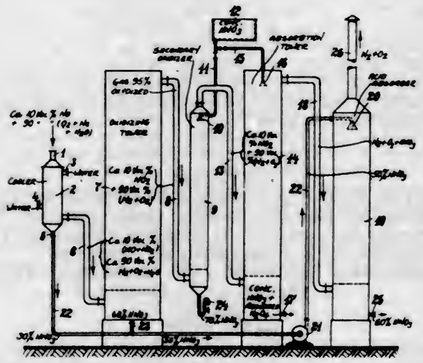
14. In a suction cleaner, suction producing means and a suction nozzle having an open mouth adapted to contact with and be moved over a surface to be cleaned, said nozzle being provided with a plurality of vertical slots extending upwardly from the lower edge of said mouth, and a bumper mounted on said nozzle and extending over a portion of said slots between the upper and lower ends thereof.

2,128,526
FIREARMS SIGHTING DEVICE
Frederick M. Eslick, Pass Christian, Miss.
Application March 26, 1936, Serial No. 71,004
7 Claims. (Cl. 240—6.41)
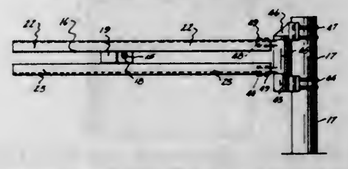


1. A sighting means for a gun comprising a light member for throwing a bright beam forwardly of the gun, a base bar, means for securing the member to the base bar, clamping means carried by the base bar for removably clamping the member on the barrel of the gun, and a light ray concentrating means carried by the bar forwardly of the member in the lower part of the bright beam for projecting a brilliant spot in the beam at the point of impact at effective range.

2,128,527
PROCESS FOR THE ABSORPTION, IN HIGHLY CONCENTRATED NITRIC ACID, OF NITROUS GASES FORMED BY THE COMBUSTION OF AMMONIA
Thomas Fischer, Berlin, Germany, assignor to Bamag-Meguin Aktiengesellschaft, Berlin, Germany
Application January 20, 1936, Serial No. 59,988
In Germany January 19, 1935
7 Claims. (Cl. 23—160)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. Process for the absorption, in highly concentrated nitric acid, of the nitrogen oxide gases formed by the combustion of ammonia, comprising, in combination, the steps of partially drying the combustion products by rapid and intensive cooling to separate substantially acid-free water, oxidizing the partially dried gases initially in the presence of circulating dilute nitric acid derived from said partial drying step and said initial oxidation step and finally up to substantially 100% nitrogen tetroxide by reduction of highly concentrated nitric acid, and absorbing the resulting tetroxide with highly concentrated nitric acid in a single stage.

2,128,528
WELL PUMPING EQUIPMENT
William J. Gourley and Fred H. Barney, Fort Worth, and Edward E. Goehring, Henderson, Tex.
Original application December 15, 1933, Serial No. 702,548. Divided and this application February 17, 1936, Serial No. 64,358
5 Claims. (Cl. 74—522.5)

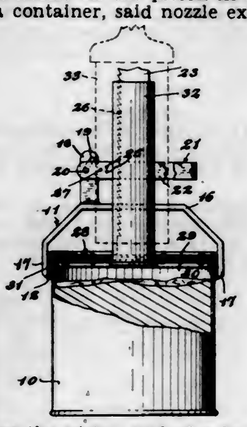


1. A swing for well pumping equipment including, a post, upper cap and lower step supporting brackets on the post, a beam comprising spaced top and bottom members, a hub member to which said beam members are respectively connected at one end, said hub member having a depending open-ended hollow stud at its lower end received and working rotatably in a well provided therefor in the lower bracket step member on said post and its upper portion provided with a well, the upper bracket cap member on the post having a depending open-ended hollow stud received and working rotatably in said well of the hub member, and power transmission connecting bearings between said beam members each comprising a cap member located on the under side of the top beam member and having a depending open-ended hollow stud, an opposed step member located on the upper side of the bottom beam member and having a well therein, and a collar member for the attachment of a power transmission element interposed rotatably between said cap and step members, said collar having an open-ended hollow stud at its lower end fitted rotatably in the well of said step member and a well in its upper portion in which the stud of said cap member is rotatably fitted, said beam-supporting hub member and said bearing collars each having a peripheral flanged annular interfitting bearing contact at their ends with the respective upper cap and lower step members.

2,128,529
GREASE GUN FILLER
Russell Gunning, Tipton, Ind.
Application March 18, 1937, Serial No. 131,704
2 Claims. (Cl. 221—47.5)

1. In combination, a container for grease or the like having an open top, a piston slidably mounted in the container, a yoke detachably mounted upon the container, said yoke extending above and across the container and having a slot medially thereof, a rack bar on the piston and extended through the slot of the yoke, a standard having an inclined slot, an operating lever including a pin pivotally mounted in the slot of the standard, a pawl on the operating lever cooperable with the teeth of the rack bar to effect downward movement of the piston, means on the lever engageable with the standard to prevent limited downward movement of the

lever and a nozzle on the piston in communication with a container, said nozzle extending up-



wardly above the piston and of a length greater than the depth of the container.

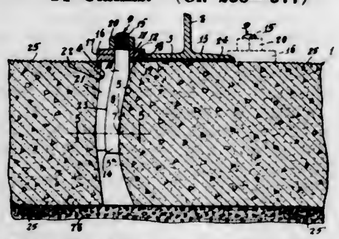
2,128,530

RAIL FASTENING CONSTRUCTION

Homer M. Hadley, Seattle, Wash., assignor of one-half to Charles M. Cadman, San Francisco, Calif.

Application October 26, 1936, Serial No. 107,613

14 Claims. (Cl. 238—377)



14. In a rail holding construction, the combination of a cementitious body having a socket, said socket having a convex lateral face extending down into the same from a point adjacent the upper face of the cementitious body, a bolt having a concave lateral face toward the said convex face, a filler received in the socket at the back of the bolt operating as a wedge to press the body of the bolt laterally and against the lateral face of the socket that is disposed toward the rail position, said lateral face of the socket and the adjacent face of said bolt having engaging faces inclined slightly from a vertical line in a downward direction and toward the rail position, and cooperating with the filler to prevent upward movement of the bolt.

2,128,531

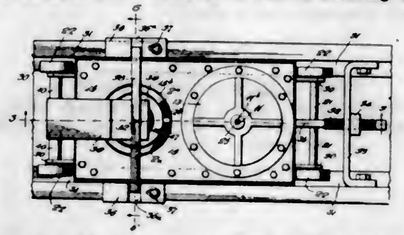
REVOLVING DOOR SPEED CONTROL

Thurloe M. Hagenbook, Evansville, Ind., assignor to International Door Company, Evansville, Ind., a corporation of Illinois

Application July 18, 1935, Serial No. 32,125

7 Claims. (Cl. 20—18)

1. A combined trolley and speed control mechanism for revolving doors comprising a box-like casing open at the top thereof, roller members supporting said casing with respect to an adjacent rail system, a thrust bearing carried by the bottom of said box-like casing adjacent one end thereof, means for journaling the upper end of the shaft of a revolving door for universal movement with respect to said thrust bearing, a gear train support carried by the bottom of said box-like casing adjacent the opposite end thereof, a gear train carried by said gear train support, a gear carried by said thrust bearing and



interconnecting the upper end of the shaft of the revolving door with the said gear train, a driven shaft projecting from said gear train support to a position above said box-like casing, speed control mechanism mounted on the projecting portion of said driven shaft, and a closure for said box-like casing and said speed control mechanism.

2,128,532

LAND LEVELER

Rex D. Haycock, Zurich, Mont., and Alma L. Turner, Declo, Idaho

Application May 20, 1937, Serial No. 143,816

6 Claims. (Cl. 37—146)



1. A leveler of the kind described comprising a frame, fore and aft rollers journaled in said frame and each having traction slats disposed in close longitudinal relation to each other peripherally thereof, a vertically adjustable scraper supported by the frame between said rollers, a foot pedal operated locking mechanism for said scraper holding it in a determined position, means for holding the scraper in active or inactive positions, means for raising the scraper to an inactive position or lowering the same to an active position, and a swinging treadle supporting said scraper.

2,128,533

MEANS FOR COLORING MOLDED ARTICLES

Arthur M. Howald, Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated, a corporation of Delaware

Application March 20, 1935, Serial No. 11,955

6 Claims. (Cl. 18—61)



6. In a process for making colored articles, the steps of forming granular plastic heat-hardening material into a porous blank at a normal temperature, spraying a liquid comprising coloring matter on the surface of the blank in quantity sufficient to permeate only the portion of the material that flows to the surface during molding, and molding the blank thus treated under

sufficient heat and pressure to cause the material to fuse and harden, whereby the coloring matter is suitably incorporated into the fused outer surface.

2,128,534

PROCESS FOR PRESSURE MOLDING

Arthur M. Howald, Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated, a corporation of Delaware

No Drawing. Application March 20, 1935, Serial No. 12,015

5 Claims. (Cl. 18—55)

1. In a process for preparing plastic materials to be molded under heat and pressure, the steps of pressing the material in granular condition into a preform of granular structure, applying to the surface of the preform a solution containing a mold lubricant which is insoluble in the molding material, said solution being supplied in quantity sufficient only to permeate among the granules adjacent the surface of the preform, and evaporating the solvent.

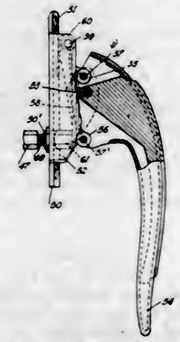
2,128,535

LATCH OPERATING MEANS

George D. Lindstrom and Edwin North, Rockford, Ill., assignors to National Lock Co., Rockford, Ill., a corporation of Illinois

Original application February 20, 1935, Serial No. 7,380. Divided and this application September 3, 1936, Serial No. 99,201

11 Claims. (Cl. 292—166)



1. A latch-operating device including a support, a handle pivotally mounted on said support for unlatching operation in opposite directions, an intermediate latch-operating lever pivotally mounted on said support in a position to be engaged and pivoted in a particular direction by pivotal movement of said handle in either of said opposite directions, together with a reciprocably movable latch-operating element positioned for operative engagement and movement in said particular direction by said intermediate operating lever.

2,128,536

UNIFORM, DRESS, AND LIKE GARMENTS

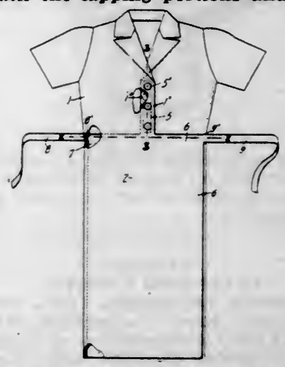
James Kennedy McComb and Grayson Donnelly Burruss, Toronto, Ontario, Canada, assignors to Sta-Neat Apparel Company Limited, Toronto, Ontario, Canada, a company of Canada

Application June 11, 1937, Serial No. 147,752

In Canada March 2, 1937

1 Claim. (Cl. 2—74)

In a wraparound garment, a skirt having a double front formed by overlapping portions extending to opposite sides of the skirt, a waist formed integral with the skirt and having a centre front opening the sides of which overlap, registering button holes in the overlapping and underlapping portions, a removable tape extending beneath the lapping portions and having a



single row of buttons extending longitudinally thereof, each button insertable in a pair of registering button holes imparting a shirt front effect to the wraparound garment whereby the front skirt portion and central front portion of the waist may be overlapped to present either portion outermost.

2,128,537

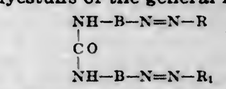
DISAZO DYESTUFFS

José Stephen Petrus-Blumberger, Delft, Netherlands, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application April 22, 1936, Serial No. 75,884. In Germany May 2, 1935

4 Claims. (Cl. 260—175)

1. Azo dyestuffs of the general formula:



wherein B stands for a radical of the benzene series bearing the azo-group in meta-position to the NH group, R stands for the radical of an amino naphthol sulfonic acid of the group consisting of 1-amino-5-naphthol-7-sulfonic acid and of 2-amino-8-naphthol-6-sulfonic acid and R_1 stands for a radical of an amino naphthol sulfonic acid of the group consisting of 1-amino-5-naphthol-7-sulfonic acid, 2-amino-8-naphthol-6-sulfonic acid, and 2-amino-5-naphthol-7-sulfonic acid, the 2 coupling components being coupled to the hydroxy side, yielding, when tetrazotized on the fiber and developed in general Bordeaux to brown shades of good fastness to washing and good dischargeability.

2,128,538

SADDLE FOR HAT PRESSES

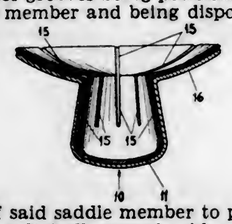
Isidore Reiser, New York, N. Y.

Application October 2, 1937, Serial No. 167,006

3 Claims. (Cl. 223—13)

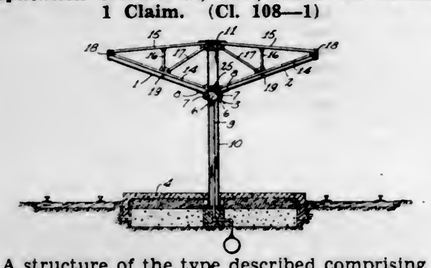
1. In a hat press having upper and lower hat forming members, a concave complementary saddle member insertable intermediate said upper and lower members, said saddle member having a brim and a crown and continuous air relief grooves forming depressions on the inner surface of said brim and crown, each of said grooves extending intact along said brim and passing down-

ward into said crown, each of said grooves being separated and independent of the other grooves, said air relief grooves being positioned all around said saddle member and being disposed on oppo-



site sides of said saddle member to permit simultaneous air relief all around said saddle member and the free removal thereof from said upper hat forming member.

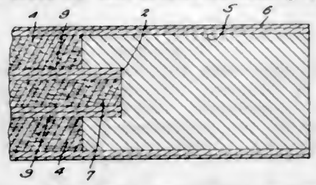
2,128,539
PLATFORM CANOPY
Alden G. Roach, Los Angeles, Calif., assignor to Consolidated Steel Corporation Ltd., Los Angeles, Calif., a corporation of California
Application October 23, 1936, Serial No. 107,199
1 Claim. (Cl. 108—1)



A structure of the type described comprising a row of upstanding pillars, said pillars being spaced apart substantial distances longitudinally, an upper truss member extending longitudinally and secured to the upper ends of said pillars, a lower truss member extending longitudinally and intersecting said pillars at a level spaced below the upper ends thereof, and a central longitudinal beam member extending longitudinally below said lower truss member and intersecting said pillars at a level therebelow, means connecting said last mentioned beam member to said lower truss member at longitudinally spaced points therealong, said last mentioned beam member comprising a channel-shaped structural element having upwardly and outwardly extending edges, braces extending between said upper and lower truss members for reinforcing the latter between pillars, transverse frame members extending outwardly from said truss members, longitudinal supporting members secured to the outer ends of said transverse members and having inwardly and downwardly extending edges and a pair of roof members supported at their inner and outer edges, respectively, by said upwardly and outwardly extending edges on said central beam and the inwardly and downwardly extending edges of said longitudinal supporting members, respectively.

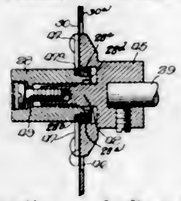
2,128,540
BUILDING MATERIAL
John T. Rocque, Newport, Vt.
Application January 30, 1937, Serial No. 123,301
1 Claim. (Cl. 20—91)

In a building element, a marginal frame having a recess in its inner edge, a body seated in the recess, layers of sound insulating material on opposite sides of the body and located within the frame, the body comprising a layer of sound-insulating material and veneer strips, secured to opposite sides of the sound-insulating material



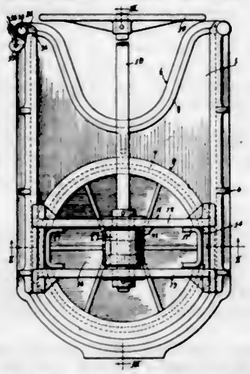
and extended into the recess, the veneer strips being secured to the body, within the recess, and finishing sheets secured to the outer surface of the body and the frame.

2,128,541
CHART CLAMP
Morton O. Snediker, Chicago, Ill., assignor to The Powers Regulator Company, Chicago, Ill., a corporation of Illinois
Application July 29, 1935, Serial No. 33,649
2 Claims. (Cl. 234—75)



1. In combination, a shaft and means including a body carried thereby providing a surface against which a chart may be clamped, a nut screw-connected to the body and free to rotate toward and from the chart-clamping position, means preventing normal separation of the nut from the body, and an arm freely rotatable on the nut and adapted, with the nut, to clamp the chart against said body, said chart having an opening substantially registering with said nut and arm.

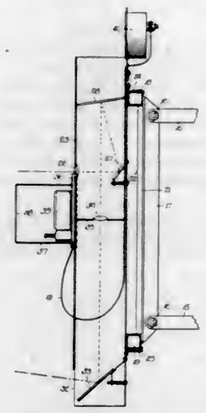
2,128,542
WATER GATE
Frank P. Snow, Los Angeles, Calif., assignor to Snow Manufacturing Co., Los Angeles, Calif., a corporation of California
Application April 26, 1935, Serial No. 18,327
2 Claims. (Cl. 251—56)



1. In a head gate construction including a base plate having a water passage therethrough surrounded by a cover plate seat and having guides

on said base plate positioned on opposite sides of said passage, a cover plate carriage slidably supported by said guides, said carriage comprising a pair of vertically spaced cross members connected together at their outer ends by vertical members to define therebetween a rectangular window in said carriage, a cover plate on said carriage, and means for slidably supporting said cover plate on said carriage comprising fingers projecting forwardly from said cover plate and engaging the four corners of said window, a control shaft rotatably mounted in said cross members, and means coupling said cover plate to said control shaft to slide said cover plate toward and away from said carriage, said cover plate being prevented from lateral movement in all other directions by said fingers and said window.

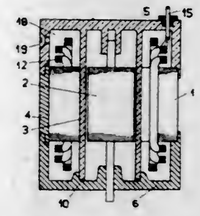
2,128,543
HEADLIGHT TESTER
Albert R. Squyer, Springfield, Ill., assignor to Weaver Manufacturing Company, Springfield, Ill., a corporation of Illinois
Application May 25, 1936, Serial No. 81,617
18 Claims. (Cl. 88—14)



3. In an automobile headlight-tester, the combination of a support adapted to be placed in advance of the headlight to be tested, optical-means horizontally and vertically adjustable on said support and including a ground-glass, means to project an image of the headlamp undergoing test on said ground-glass, and means on said ground-glass cooperating with said headlamp-image to designate when the center of said projecting-means is at the same height as the center of said headlamp, a photoelectric-cell on and movable with said optical-means and also vertically adjustable on said optical-means, means including a scale to indicate the vertical position of said cell on said optical-means, and means to indicate the effect of the light from the illuminated headlamp on said cell.

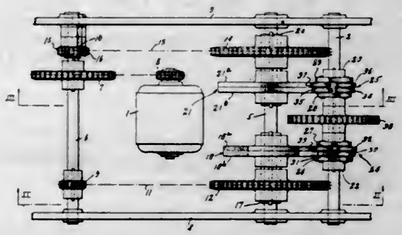
2,128,544
ELECTRIC MOTOR
Michael Surjaninoff, Stammersdorf, near Vienna, Austria
Application June 29, 1937, Serial No. 150,996
In Austria October 14, 1936
16 Claims. (Cl. 171—252)

1. An electric motor comprising a stator and its winding both enclosed within a casing closed on all sides, the casing forming a hollow space for the rotor, a rotor of the induction or squirrel-cage type, bearing means for the rotor and a



gap-sleeve, the gap-sleeve being composed of a mixture of finely divided magnetic material and a binder.

2,128,545
MECHANICAL MOVEMENT
Herbert E. Twomley, Riverside, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application January 4, 1937, Serial No. 118,942
11 Claims. (Cl. 74—70)

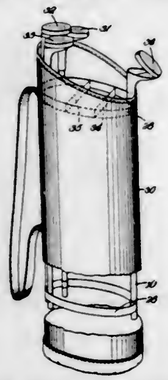


1. In combination, a driven shaft and means for alternately rotating said driven shaft in opposite directions through predetermined arcs comprising a plurality of cam followers supported on said driven shaft for rotation therewith, a pair of rotary driving members the axes of which are parallel to but spaced from said driven shaft, and means for continuously rotating said driving members in opposite directions, cam means on each of said driving members dimensioned to intercept said cam followers on the driven shaft, each cam means having a series of lobes and dips so spaced as to successively engage successive followers on the driven shaft and impart continuous rotary movement to the driven shaft during passage of said lobes past said driven shaft, the two cam means being so oriented with respect to each other that their series of lobes engage followers on said driven shaft alternately and each cam means having a recess clearing its associated followers during driving engagement of the other cam with its associated followers.

2,128,546
MEANS FOR CARRYING GOLF CLUBS
James Archer John Venmore, London, England
Application April 22, 1937, Serial No. 138,436
In Great Britain April 24, 1936
2 Claims. (Cl. 150—1.5)

1. A golf club carrier comprising a plurality of tubular club holders, each formed with an external annular recess, and flexible bands carrying said holders in spaced relationship, each of

said bands being formed into an outer loop surrounding and bound upon an inner loop formed



with a plurality of inwardly-turned re-entrant subsidiary loops engaging said annular recesses.

2,128,547

MULTIPLE CONDUCTOR WIRE ROPE

Walter T. Wells, Glendale, Calif., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif., a corporation of Delaware

Application September 20, 1935, Serial No. 41,456
3 Claims. (Cl. 173—266)



1. In a hoisting and conducting cable, a weight supporting helical multi-stranded wire rope structure having lays extending in the same direction, a core therein including a plurality of separate highly flexible helical conductors having a lower elastic limit than the strands of the wire rope structure, the wire rope structure exceeding the diameter of the core and the lays of the conductors extending in the same direction as the lays of the wire rope structure, and a yieldable insulating covering for each of said conductors that permits cushioning action on the core that minimizes the effect of the stretch and contraction of the cable on the conductors.

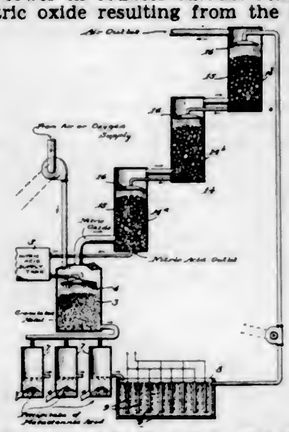
2,128,548

PROCESS FOR RECOVERY OF METALS FROM SCRAP AND METALLURGICAL RESIDUES

Clarence B. White, Philadelphia, Pa.

Application July 23, 1937, Serial No. 155,323
1 Claim. (Cl. 204—15)

A continuous cyclic process for treating scrap metal and metallurgical by-product materals containing tin, copper and lead to recover said metals, which comprises the cyclic use of nitric acid as a solvent, leaching said materials with said solvent with the evolution of nitrous oxide, passing the nitrous gases to an absorbing tower, continuously passing the solution from the leaching tank to an electrolyzing tank, with the provision of a filtering tank between the leaching and electrolyzing tanks to precipitate the tin as metastannic acid, electrolyzing the copper and lead from the solution and continuously passing the spent acid from the electrolyzing tank to the absorbing tower in counter-current relationship to the nitric oxide resulting from the leaching



operation to regenerate the nitric acid for use in the leaching operation.

2,128,549

COMBINATION WALLBOARD AND INSULATING MATERIAL

Edward M. Zier, New Albany, Ind., assignor of one-half to Kozine B. Zier and Edward M. Zier, Jr., both of New Albany, Ind.

Application December 17, 1936, Serial No. 116,420
5 Claims. (Cl. 20—4)



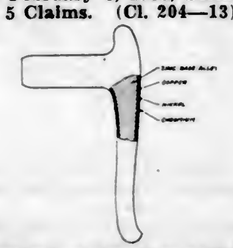
1. A composite structural material including wall board and a bat of yieldable insulating material on the inner face thereof, the bat of insulating material being secured to the wall board inwardly of opposite side marginal portions of the wall board leaving side marginal portions of the bat facing said marginal portions of the wall board free relatively thereto, and said free opposite side marginal portions of the insulating bat being spaced inwardly from the face of the wall board and adapted to be compressed.

2,128,550

ANTICORROSION PROCESS FOR ZINC BASE CASTINGS

Jay T. Ford, Flint, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application February 6, 1933, Serial No. 655,453
5 Claims. (Cl. 204—13)



1. The method of treating articles composed largely of zinc to prevent corrosion of the surface comprising applying to the surface of the article

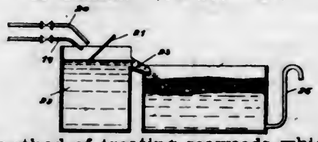
a combination of coatings, one produced by immersion in an acidified dichromate solution and one consisting of electro-deposited metal.

2,128,551

METHOD OF TREATING SEAWEED

Victor Charles Emile Le Gloahec, Saint-Marc, near Brest, France, and John Robert Herter, New York, N. Y., assignors to Algin Corporation of America, Dover, Del., a corporation of Delaware

Application January 9, 1935, Serial No. 1,076
In France January 11, 1934
46 Claims. (Cl. 260—116)



1. A method of treating seaweeds which comprises, eliminating laminarine from the seaweeds by washing them in the presence of an alkaline-earth metal salt, separating the undissolved alginous material and algulose from the washing liquid, treating the alginous material and algulose with an alkaline solution to dissolve the alginous material, charging the alkaline solution thus obtained with gaseous bubbles which rise to the surface carrying particles of algulose with them, whereby algulose accumulates on the top of the solution in the form of a cake, separating the algulose from the clarified solution, introducing particles absorptive of chlorophyl coloring matter into the clarified solution, removing the particles carrying the chlorophyl coloring matter from the solution, and coagulating alginous material in the clarified solution thus obtained.

20. In a method of recovering alginous material from seaweed, the steps comprising preparing an alkaline solution of alginous material and coagulating the alginous material by causing a stream of said alkaline solution of alginous material to become mixed with a stream of dilute acid, the mixing of said streams being substantially complete and effecting substantially uniform commingling of said alkaline solution with sufficient dilute acid to substantially completely coagulate the alginous material in said solution before substantial coagulation of the alginous material occurs.

32. As a product, recovered alginous material of seaweed substantially completely free from chemically combined inorganic constituents and characterized by a substantially acid pH value and by ready solubility of the alginous material in water.

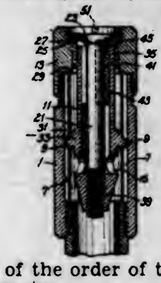
2,128,552

SPRINKLER HEAD

Harold K. Rader and John E. Gray, Port Huron, Mich., assignors to Mueller Brass Co., Port Huron, Mich., a corporation of Michigan

Application October 7, 1936, Serial No. 104,423
1 Claim. (Cl. 299—61)

In a sprinkler head, the provision of a cylindrical nozzle, a stem mounted centrally in said nozzle, said stem having a conical head positioned over the edge of said nozzle, and a water-directing sleeve positioned between said stem and said nozzle, said sleeve having a flange clamped between the upper edge of said nozzle and the under surface of said conical head, said sleeve having a portion that is a section of a complete cylinder, said portion being positioned between said stem and the inner wall of said nozzle and filling radially such space therebetween as it occupies by reason of its incomplete cylindrical shape, said



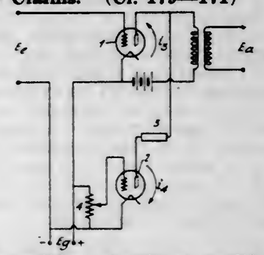
portion being of the order of twice as long as its maximum diameter.

2,128,553

VARIABLE AMPLIFIER

Hans Bartels, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application October 31, 1933, Serial No. 695,978
In Germany November 12, 1932
2 Claims. (Cl. 179—171)



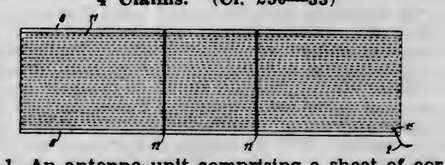
1. In an amplifier circuit, a multi-electrode space discharge device, means for varying the amplification characteristics of said device comprising a circuit arrangement for varying the potential applied to at least one of the electrodes thereof, an output circuit for said device including a utilizing circuit, variations in the amplification characteristics of said device acting also to vary the plate circuit direct current of the device and means associated with the potential varying circuit arrangement and including a space discharge device parallelly disposed with respect to the output circuit of the first named space discharge device and arranged so as to cause direct current to flow in said output circuit in a sense to compensate for the variations in the said plate circuit direct current and thereby substantially prevent communication of said plate circuit direct current variations to the utilizing circuit.

2,128,554

ANTENNA DEVICE

Adelaide B. Baylis, Bedford, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

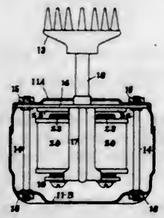
Application October 26, 1936, Serial No. 107,580
4 Claims. (Cl. 250—33)



1. An antenna unit comprising a sheet of corrugated insulation material which is several times

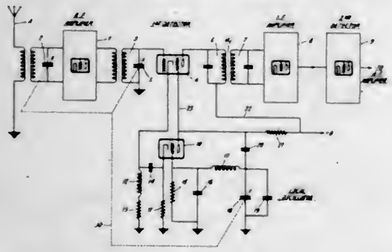
longer than its height, means formed in the corrugated sheet whereby it is capable of being supported in an upright position on one of its longer edges, and a flexible conductor having parallel strands extending back and forth between the corrugations.

2,128,555
VIBRATOR
William G. G. Benway, New York, N. Y.
Application September 12, 1935, Serial No. 40,232
7 Claims. (Cl. 128—49)



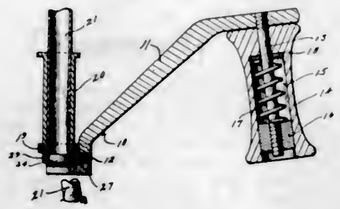
1. In a vibrator, a generally cylindrical supporting casing having a substantially flat end wall or head, an armature rigidly secured to said casing and located adjacent the inner face of said wall, an electro-magnet including two electro-magnetic coils, means for resiliently supporting said electro-magnet from said casing with its poles facing said armature in spaced relation thereto so that said electro-magnet vibrates said armature as alternating current traverses said coils, and an applicator having a stem secured rigidly to said armature adjacent said end wall and projecting out of the casing.

2,128,556
SUPERHETERODYNE RECEIVER CIRCUIT
Murray G. Clay, Hasbrouck Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 20, 1934, Serial No. 749,185
5 Claims. (Cl. 250—20)



1. In a receiving circuit of the superheterodyne type, a converter network including a first detector tube provided with cathode, control grid, screen grid and anode electrodes, a tunable signal input circuit connected to the control grid electrode, an output circuit resonant to a beat frequency connected to the anode, a local oscillator including a tube provided with a tunable oscillator circuit and arranged to produce oscillations of a desired frequency, means for tuning said tunable signal circuit and said tunable oscillator circuit over frequency ranges constantly differing by said beat frequency, and means whereby the loading effect of the detector tube upon the local oscillator at the low frequency end of said frequency ranges is substantially reduced, said means comprising connections for impressing the local oscillator voltage upon both the cathode and the screen grid of said first detector tube.

2,128,557
MEANS FOR FEEDING WASHERS TO THE PINS OF MOLDS
Carlos Hall and Fernando Hall, Mexico, D. F., Mexico, assignors of one-third to Harry H. Hallett, Mexico, D. F., Mexico
Application October 28, 1937, Serial No. 171,572
In Mexico April 9, 1937
2 Claims. (Cl. 18—1)



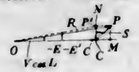
1. A washer feeding device for pins of molds comprising a body member having a pin entrance slot extending longitudinally thereof and opening upon the bottom wall thereof, said body having a vertically extended opening, a ledge on the body member beneath the opening, said ledge having a furcation extended in the direction of the slot and opening thereupon, a sleeve fixed in the vertical bore, a washer magazine engaged within the sleeve for discharge of washers upon the ledge, the sides of the entrance slot of the guide tapering in the direction of the ledge, a handle on the body member extending rearwardly of the entrance slot, the handle having a downwardly extending spindle, and a resiliently mounted hand grip on the spindle.

2,128,558
NONREFILLABLE BOTTLE
Emanuel Halpern, Newark, N. J.
Application April 30, 1937, Serial No. 139,859
3 Claims. (Cl. 215—25)



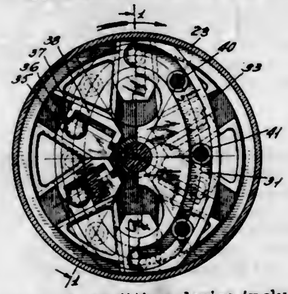
1. A valve device for insertion into the neck of a bottle including a casing formed of two superposed coaxial tubular sections, one having an upstanding flange with transverse notches opening through the edges of the flange and alined in chordal relation to said section and the other having a rabbet receiving said flange to connect said sections together and close the outer ends of said notches, a flap valve disposed transversely of said casing and having oppositely disposed alined hinge trunnions one of which is rotatably mounted in each of said notches whereby said sections positively hold said flap between them against displacement from the casing, and one of said sections having a seat for said valve, whereby the valve may swing against and away from said seat to close and open the passage through said casing.

2,128,559
GYROSCOPIC COMPASS
William George Harding, London, and Robert Hayes Nisbet, Osterley, England, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a company of New York
Application May 13, 1936, Serial No. 79,408
In Great Britain May 15, 1935
9 Claims. (Cl. 33—226)



1. In a correction device for gyro compass apparatus, the combination with a rotatable compass member, a lubber ring member adapted for reading with said compass member, means for turning one of said members with respect to the other through the speed error correction angle of the compass, said means comprising an element pivoted upon said lubber ring member and turnable on its pivot with respect to said lubber ring member, a settable indexing member connected for causing the turning of said element in accordance with speed and latitude, and gearing cooperable with said element for effecting in conjunction therewith the bodily shifting of one of said members through the desired speed error correction angle as said indexing member is operated.

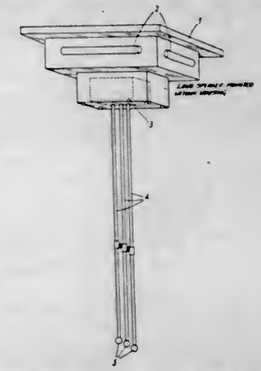
2,128,560
TORQUE CONVERTER
Gustav A. Klimek, East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y., a corporation of New York
Application September 25, 1935, Serial No. 41,977
16 Claims. (Cl. 74—63)



1. A power transmitting device including driving and driven members, means affording separate paths through which power impulses may be transmitted, and means to vary the relationship of the impulses of power of one of the paths with respect to those of another of the paths.

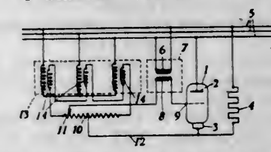
2,128,561
RADIO RECEIVER CONTROL
Paul Peeck, Benno Johannesson, and Eduard Marcard, Berlin, Germany, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 11, 1936, Serial No. 90,062
In Germany August 14, 1935
1 Claim. (Cl. 250—16)

A radio installation comprising the combination of a housing having a flat base adapted for securing to the ceiling of a room, a loudspeaker mounted in said housing, a radio chassis having rotatable control elements, a rotatable operating member connected to and depending from each of said control elements the lower ends of said operating members being accessible to an operator on the floor of the room and a plurality of sources of



illumination in the walls of said housing for illuminating said housing and operating members.

2,128,562
MEANS FOR CONTROLLING THE VOLTAGE OF DISCHARGE DEVICES
Hans Helmut Renner, Frankfort-on-the-Main, Germany
Application January 9, 1934, Serial No. 705,977
In Great Britain January 10, 1933
5 Claims. (Cl. 175—363)

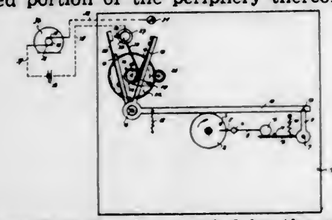


1. Means for controlling the output of a vapour electric converter associated with an alternating voltage circuit of the kind including a cathodic electrode, an anodic electrode and a control electrode to which control electrode is applied an alternating voltage that attains a critical or starting value at a prearranged instant, comprising means adapted to provide a potential including an alternating voltage of sine wave form having a periodicity equal to that of the voltage of the said circuit and the third harmonic of the said alternating voltage, a transformer connected in said control circuit, said transformer having a saturable core and an open delta secondary winding including a resistor device, said resistor device being connected across said transformer secondary between said control electrode and the cathode electrode by a center tapping and an adjustable tapping, the latter being arranged to adjust the value of the third harmonic present in said potential.

2,128,563
CONTACT DEVICE FOR CLOCKS DRIVEN BY ELECTRIC MOTORS
Ferdinand Schneider, Fulda, Germany
Application December 28, 1935, Serial No. 56,458
2 Claims. (Cl. 200—30)

1. In a contact device for electric motor wound clockworks in which the motor is periodically energized to wind the driving spring, the combination of a rotatable contact making element having a recess on the periphery thereof, a driving

connection to rotate said element, a sliding contact spring engageable with said element to make contact therewith, said contact spring engaging said element at the periphery thereof axially spaced from said recess, a fixed contact pin, a pair of contact arms rigid with respect to one another and mounted for pivotal movement toward said element from the opposite sides thereof, a spring contact member secured to one of said arms and engageable with said element along the recessed portion of the periphery thereof, a re-



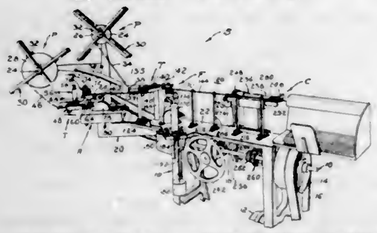
silient contact member carried by the other of said contact arms, said latter member being engageable with said fixed contact pin, an actuating arm rigid with said pair of contact arms, a spring for swinging said contact arms and actuating arm in one direction, means carried by said element for moving said pair of contact arms and actuating arm in opposition to the tension of said spring, latching means engageable with said actuating arm for holding the latter against movement by said spring, and periodically operated means to release said latching means.

2,128,564

DRINKING STRAW MANUFACTURING APPARATUS

Harry Schoen and Theodore Pletcher, Brooklyn, N. Y., assignors to Eagle Straw Corporation, Brooklyn, N. Y.

Application October 7, 1933, Serial No. 692,604
10 Claims. (Cl. 93—80)



1. Drinking straw manufacturing means including a mandrel, a support positioned adjacent the mandrel, a driven pulley on the support, a movable support on the side of the mandrel removed from the driven pulley, an idler pulley on the movable support, and a belt extending between the pulleys and wrapped about the mandrel, the idler pulley being adjustable with relation to the movable support to vary the angle of belt and mandrel.

2,128,565

PROCESS OF INCREASING THE VISCOSITY OF CREAM

Anna L. Steckelberg, Plymouth, Nebr., and Jean Broadhurst, New York, N. Y.

No Drawing. Application October 23, 1935, Serial No. 46,340. Renewed January 17, 1938
18 Claims. (Cl. 99—60)

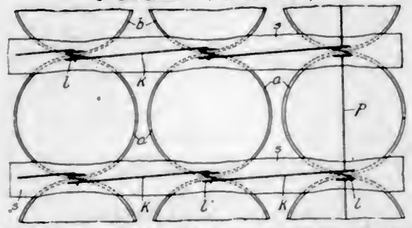
9. The process for increasing the viscosity of cream which comprises adding an acid to a cream substantially less than that which would impart an acid taste to the cream, the cream having a fat content of about 19% to 40%, heating the acid-treated cream soon after the addition of the acid to between approximately 90° C. and 120° C. without boiling the cream and employing superatmospheric pressure at and above the normal boiling point of the cream to prevent boiling thereof during treatment and then chilling the treated cream to produce a cream having an increased viscosity.

2,128,566

SPRING ASSEMBLY FOR MATTRESSES AND UPHOLSTERY

Lionel Selby Wallis, Tyseley, Birmingham, England

Application February 25, 1936, Serial No. 65,559
In Great Britain December 24, 1935
6 Claims. (Cl. 5—270)



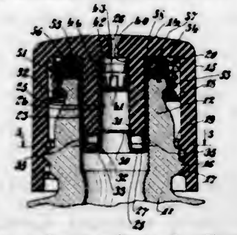
1. A spring assembly comprising upholstery springs arranged in parallel rows, connecting wires of a length substantially equal to the spacing between adjacent springs of a row, a curled loop on one end of each connecting wire fitting over the adjacent parts of the end coils of two springs in adjacent rows, and a cranked end on the other end of said wire inserted through a curled loop on the next connecting wire below the spring coils fitting therein.

2,128,567

DISPENSING PACKAGE FOR LIQUIDS

Ralph W. Wilson, New York, and Brent F. Cahoon, Forest Hills, N. Y., assignors to Captive Closures, Inc., New York, N. Y., a corporation of Delaware

Application April 1, 1937, Serial No. 134,206
19 Claims. (Cl. 221—147)



1. In a dispensing package for liquids, and in combination, a container having a neck, an attachment unit on the container and comprising a barrel extending into the container neck and having an inlet port, a skirted cap, means for releasably locking said cap in closed position, said cap being capable of a reciprocating axial movement with respect to the container when said locking means are released, a plunger operating in said barrel, an operating connection between said plunger and the cap whereby the plunger is reciprocated upon axial reciprocation of the cap,

means for limiting such axial movement, a discharge passage for expulsion of liquid by said plunger, said passage having a valve seat, and a freely floating valve element for controlling said inlet port and having a plug-like portion for engaging said valve seat to close the discharge passage when the cap is in closed position.

2,128,568

FOUNDATION GARMENT

Hildegard Wipperman, Chicago, Ill., assignor to The H. W. Gossard Co., Chicago, Ill., a corporation of Illinois

Application May 21, 1938, Serial No. 209,173
6 Claims. (Cl. 2—37)



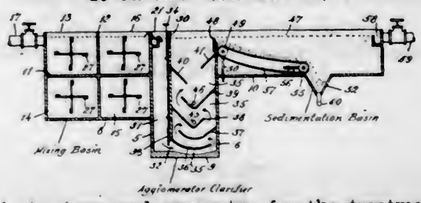
1. A foundation garment for women having a body portion composed at least in part of elastic fabric capable of stretching in a horizontal direction to tension the garment on the body, a portion of said elastic fabric terminating below the top of the garment, a horizontally stretchable elastic insert seamed to the upper edge of said fabric which terminates below the top of the garment and folded inwardly and seamed to said elastic body portion below the line of joinder with said insert to form a smooth continuous lining, and means for stiffening said insert from its upper edge to a point below its line of joinder with the top of said body portion.

2,128,569

TREATMENT OF WATER AND SEWAGE

Clarence J. Velz, Watchung, N. J.

Application January 18, 1935, Serial No. 2,336
16 Claims. (Cl. 210—16)



1. An improved apparatus for the treatment of aqueous liquors which comprises a liquor mixing basin having an inlet for the admission of liquor thereto and an outlet for the discharge of liquor therefrom, a chamber having an inlet in the lower end portion thereof for the admission of liquor thereto communicating with the discharge opening of the mixing basin, means for progressively decreasing the rate of flow of liquor as it flows upwardly in the chamber, means for discharging the liquor from the upper end portion of the chamber, a sedimentation basin adapted to receive liquor discharged from the chamber, conduit connecting means between the sedimentation basin and a reactivating vessel for passing liquor from the sedimentation basin into the vessel, and conduit means connecting the vessel and the mixing basin for the passage of liquor therebetween.

2,128,570

FLOTATION MATERIAL

Merrill W. MacAfee, Berkeley, Calif., assignor to Great Western Electro-Chemical Company, a corporation of California

No Drawing. Application September 17, 1935, Serial No. 40,929
7 Claims. (Cl. 209—166)

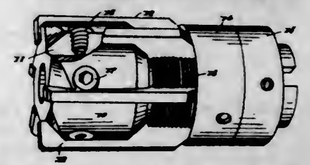
6. In the process of concentrating ores and minerals by flotation, the step which comprises subjecting the ore in the form of a pulp to a froth flotation operation in the presence of a dixanthogen diluted with a substantially anhydrous water miscible aliphatic monohydric alcohol as a solvent for the dixanthogen prior to incorporation of the dixanthogen in the pulp.

2,128,571

INSERTED BLADE CUTTER

Frank P. Miller, Meadville, Pa.

Application September 10, 1936, Serial No. 100,195
11 Claims. (Cl. 77—75)



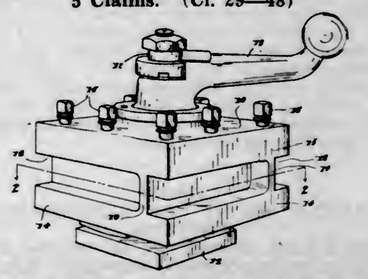
1. In an inserted blade cutter, a body having a slot and a socket breaking into the slot, a blade in the slot, the axis of the socket being at an angle to the plane of the blade, said socket having a thread tapering to the inner end thereof, the pitch line of said thread being parallel to the axis of the socket, and a screw adapted to be received in said socket to engage the blade, said screw having a thread tapered toward its leading end, the pitch line of the thread of the screw being parallel to the axis of the screw, said screw having a diameter sufficiently less than the diameter of the socket to move laterally therein, whereby the screw contacts the blade and socket at diametrically opposite points on the periphery of the screw.

2,128,572

TOOL HOLDER

Frank P. Miller and Edward G. Dornhoffer, Meadville, Pa., assignors to McCrosky Tool Corporation, Meadville, Pa., a corporation of Pennsylvania

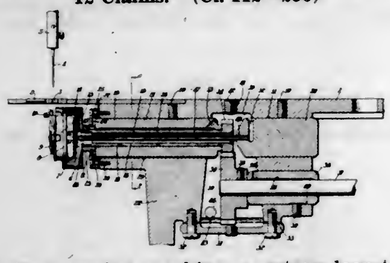
Application November 9, 1936, Serial No. 109,984
5 Claims. (Cl. 29—48)



1. A lathe turret comprising a solid unitary rotatable tool carrier, spaced upper and lower shelves integral therewith and forming tool recesses, clamping members carried by one of the shelves and adapted to force the tools against the other shelf, and webs integral with the carrier

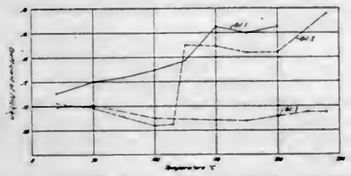
body and connecting the shelves and forming continuations of the inner wall of each recess to combine the strength of the two shelves to effectively resist the cutting and clamping strains placed upon the shelves.

2,128,573
LUBRICATING MEANS FOR SEWING MACHINE LOOP-TAKERS
Walter Myers, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application November 12, 1937, Serial No. 174,137
12 Claims. (Cl. 112—256)



1. In a sewing machine, a rotary loop-taker body having a thread-carrier raceway and provided with a recess having lubricant-conducting connections with said raceway, a stationary lubricant-conduit terminating in said recess substantially axially of said loop-taker body, and means for supplying lubricant to said conduit.

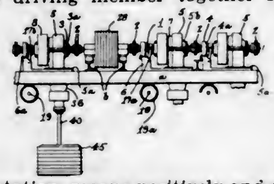
2,128,574
PROCESS FOR LUBRICANT COMPOSITION
Adrianus Johannes van Peski and Willem Coltof, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application October 19, 1936, Serial No. 106,358
In the Netherlands October 31, 1935
5 Claims. (Cl. 87—9)



1. A composition comprising a substantial amount of a hydrocarbon lubricant containing from .1 to 10% of a synthetic organic acid having an average molecular weight greater than those of acids obtainable by oxidation of high molecular weight natural hydrocarbons, said synthetic acid being an oxidation product of a high molecular weight synthetic hydrocarbon oil obtained by polymerization of olefines.

2,128,575
DRIVING MEANS FOR CENTRIFUGAL MACHINES
Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah, a corporation of Utah
Application January 31, 1936, Serial No. 61,835
14 Claims. (Cl. 210—71)

10. Apparatus for driving a series of suspended gyratory centrifugals comprising a common line shaft located adjacent a plurality of centrifugals of a series, means for powering said line shaft, a driving unit intermediate the line shaft and each of said centrifugals, said driving unit comprising a vertically extending transmission shaft, a driving member rotatable about an axis at an angle to the axis of said transmission shaft and intermeshing gears connecting said transmission shaft and driving member together for simul-

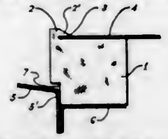


taneous rotation, means positively and constantly coupling each of said transmission shafts with a gyratory centrifugal spindle, and power transmitting means interruptibly connecting each of said rotatable driving members with said line shaft to transmit power from the line shaft through said driving units to said spindles.

2,128,576
BLASTING EXPLOSIVE CARTRIDGE OR BOREHOLE CHARGE
Albert Greville White, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application December 17, 1935, Serial No. 54,855. In Great Britain, December 22, 1934
10 Claims. (Cl. 52—14)

1. A composite blasting cartridge or borehole charge comprising in juxtaposition a continuous charge of a relatively faster burning explosive having a relatively high rate of combustion, and a charge of a relatively slower burning exothermic power-producing combustible mixture having a rate of combustion lower than that of the said faster burning explosive and comprising a carbonaceous combustible material and an inorganic oxidizing agent.

2,128,577
SPACER FOR AUTOMOBILE HOODS AND ITS SEAT
Walter B. Bauer, Springfield, Ohio
Application September 10, 1936, Serial No. 100,082
3 Claims. (Cl. 20—40.5)

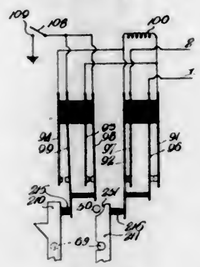


2. A spacer for the hood of an automobile and its seat consisting of a solid body of vulcanized rubber and means for securing said body to one of said parts to position said body between the hood and seat to provide for a space for warm air between the hood and its seat.

2,128,578
SIGNALING SYSTEM
Frank R. Bridges, Needham, Mass., assignor to The Gamewell Company, Newton Upper Falls, Mass., a corporation of Massachusetts
Application December 24, 1935, Serial No. 56,044
7 Claims. (Cl. 177—378)

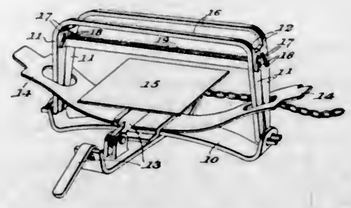
1. A signal transmitter comprising two terminals, an auxiliary signaling connection, normally closed and normally open switching means

connected in succession intermediate said auxiliary connection and each terminal respectively, signal initiating means for rhythmically opening and closing said first switching means and closing and opening respectively said second switching means, said second switching means being closed subsequently to the opening of said first switching means and opened prior to the closing of said first switching means, switch control



means, and means responsive to the amount of current flowing therethrough for actuating said control means, said actuating means being connected to said terminals in series with said normally closed switching means, and said control means maintaining said normally closed swtiching means in effectively closed position so long as the current in said actuating means remains within a predetermined range.

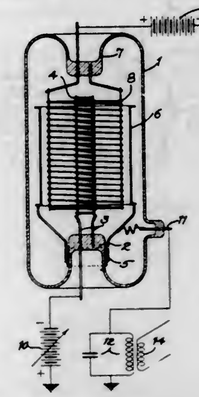
2,128,579
ANIMAL TRAP
Fred W. Corey, Tilton, N. H.
Application May 14, 1936, Serial No. 79,699
1 Claim. (Cl. 43—90)



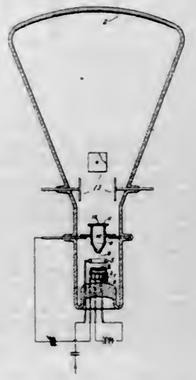
A trap having a pair of pivoted U-shaped jaws, converging slots in the jaws when the jaws are positioned in sprung position, said slots having parallel walls, and a pair of auxiliary jaws having extended limb engaging faces and provided at their ends with flattened lugs having slidable contact with the parallel walls of said slots and held against turning therein.

2,128,580
MEANS AND METHOD OF OPERATING ELECTRON MULTIPLIERS
Philo T. Farnsworth, San Francisco, Calif., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application August 18, 1936, Serial No. 96,614
11 Claims. (Cl. 250—36)

1. In an electron multiplier having an envelope containing a cathode adapted to emit secondary electrons at a ratio greater than unity upon electron impact therewith, and a perforated anode adjacent said cathode, the method of operation which comprises impressing a primary alternating potential between anode and cathode of sufficient intensity to cause electrons from said cathode to pass through said anode, and returning said electrons through said anode a plurality of times during a single period of the primary frequency.

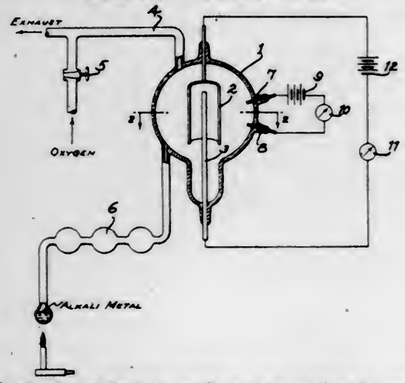


2,128,581
FINE BEAM ELECTRON GUN
Bernard C. Gardner, Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application May 18, 1936, Serial No. 80,338
2 Claims. (Cl. 250—27.5)



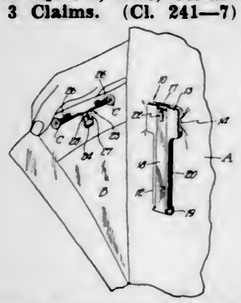
1. In a cathode ray tube wherein a beam of electrons is projected through an apertured anode, the method of forming said aperture which comprises forming said anode without an aperture therein, focusing a beam of electrons on a predetermined spot on said anode, accelerating said electrons until the anode is pierced at the area of electron impact, and thereafter projecting electrons through said aperture and utilizing said latter electrons.

2,128,582
PHOTOELECTRIC SURFACE
Bernard C. Gardner, Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application August 18, 1936, Serial No. 96,613
5 Claims. (Cl. 250—27.5)



3. A photoelectric surface comprising in order a silver layer, a silver oxide layer, a caesium metal layer, and a caesium oxide layer.

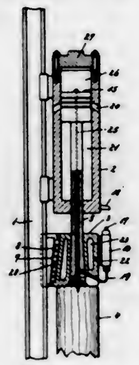
2,128,583
GARMENT SUPPORTER
David M. Goodrich, New York, N. Y.
Application April 8, 1936, Serial No. 73,315
3 Claims. (Cl. 241—7)



1. A garment supporter of the class described comprising in combination, a shirt attachment including a rigid elongated body member, means for detachably securing said elongated body member to a shirt in a substantially vertical position, a slide member mounted in said body member, tension means tending to move said slide member upwardly, a trousers attachment for connection to the suspender buttons of trousers, and means on said trousers attachment and slide member for releasably connecting said shirt attachment to trousers attachment.

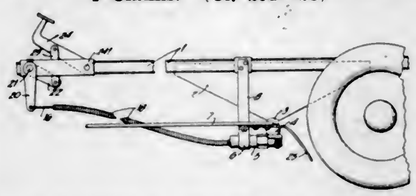
2,128,584
POWER RAM
Konrad Haage, Esslingen-on-the-Neckar, Germany, assignor to "Deimag" Deutsche Elektromaschinen- & Motoren - Bau - Aktiengesellschaft, Esslingen, Germany
Application November 26, 1935, Serial No. 51,697
In Germany December 6, 1934
5 Claims. (Cl. 61—76)

1. In a pile-driving power ram in combination, a ramming cylinder closed at both ends and a piston in said cylinder, both forming part of an internal combustion engine, a piston rod fixed to said piston and extending through the bottom of said cylinder, which gas-tightly embraces said rod, into contact with the pile to be driven, means for holding said piston rod down on the



pile, means for injecting an explosive mixture into said cylinder above said piston and an elastic buffer combined with, and adapted to damp the lifting effect exerted on, said cylinder by the explosion of said mixture and to thereby accelerate the drop of said cylinder.

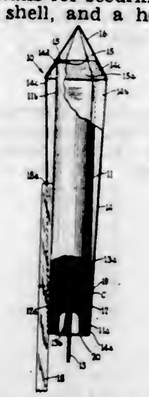
2,128,585
SANDING DEVICE
Hamilton F. Hannay and Henry E. Briggs, Westerlo, N. Y.
Application April 15, 1937, Serial No. 137,062
4 Claims. (Cl. 291—25)



1. In a device of the character described for use with motor vehicles having a storage bin for sand and the like, the combination wiht a compressible, elastic conduit for discharging sand from said bin of relatively movable members disposed in cooperative relation on opposite sides of said conduit and at the discharge end thereof for effecting a compression of the ends of said conduit to close said conduit whereby foreign matter cannot enter said conduit when compressed by said members, resilient means adapted normally to compress said members whereby a closure of said conduit is effected and means for separating said members to permit expansion of said conduit.

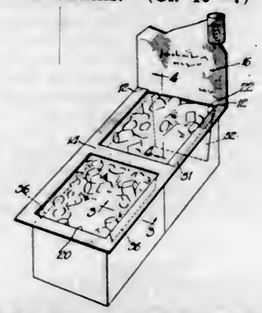
2,128,586
FIREWORKS
Joseph Haslun, Yonkers, N. Y.
Application November 25, 1936, Serial No. 112,651
7 Claims. (Cl. 102—23)

1. In fireworks construction of the character described, a shell filled with combustible illuminating material having an ignition fuse carried by one end, a casing fitted to extend over the entire shell, means for securing a portion of the casing to the shell, and a hollow, tapered cap



seated on an end of the casing and shell opposite said ignition fused end.

2,128,587
DISPLAY DEVICE
Homer H. Johnson, Larchmont, N. Y., assignor to Snyder & Black Incorporated, New York, N. Y., a corporation of New York
Application November 5, 1937, Serial No. 172,891
2 Claims. (Cl. 40—7)

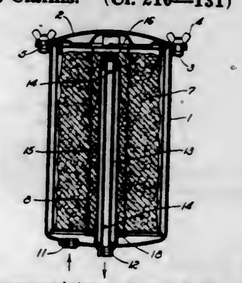


1. A display device for removable attachment to the open side of a container to form an ornamental frame therefor, said display device comprising a rectangular blank of foldable material of greater length than the length of the container for use with which it is designed, said blank having two openings each within the confines of the blank, and an end section providing a copy carrying portion, wing extensions projecting from each of two opposite sides of each of said openings for engagement with the outer faces of two opposite walls of the container, a third wing extension projecting from the copy carrying portion, said third wing extension being foldable inwardly of one of said openings for engaging the outer face of a third wall of the container substantially as described, and score lines upon which the copy carrying portion and the third wing extension fold to throw the copy carrying portion into display position and the third wing extension into engagement with the outer face of the wall of the container.

2,128,588
DECALCOMANIA PAPER
John MacLaurin, Ware, Mass.
No Drawing. Application December 11, 1935, Serial No. 53,956
7 Claims. (Cl. 41—33)

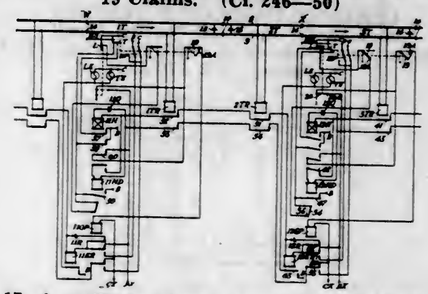
3. A decalcomania paper having as a backing layer a sheet of water leaf paper containing dye in sufficient quantity to impart a distinctive color to the paper, and a layer of adhesive coating thereon adapted to receive decalcomania printing, said colored backing layer being adapted to change color on the application of a suitable reagent.

2,128,589
RECHARGEABLE FILTER
Fred W. Manning, Pasadena, Calif., assignor to F. W. Manning Company, Ltd., Los Angeles, Calif., a corporation of California
Application November 13, 1935, Serial No. 49,471
Renewed January 31, 1938
12 Claims. (Cl. 210—131)



1. A filter comprising: a container enclosing a filtering material; and a receptacle with a detachably connected cover for the container, the receptacle having fluid inlet and outlet openings, and the receptacle and cover each having a pointed projection respectively adjacent thereto for piercing the container with fluid inlet and outlet openings, whereby the introduction of the container into the receptacle and closing of the cover causes the said openings to be made in the container, the inlet openings of receptacle and container to be connected, and the outlet openings of the container and receptacle to be connected, for passage through the filtering material of the fluid to be filtered.

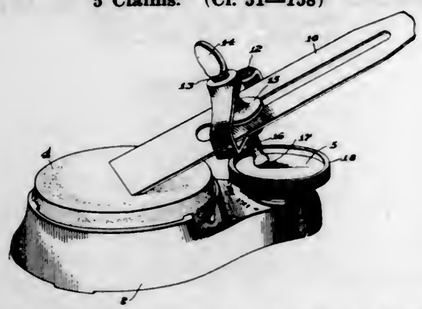
2,128,590
RAILWAY SIGNALING
Ronald A. McCann, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 6, 1936, Serial No. 67,467
19 Claims. (Cl. 246—50)



17. A railway signal system comprising a stretch of railway track divided into a plurality of track sections, a pair of conductors for each section governed by traffic conditions in said section, a polarized direct current relay for each section receiving energy from the associated conductors, an alternating current relay also receiving energy from the associated conductors, means

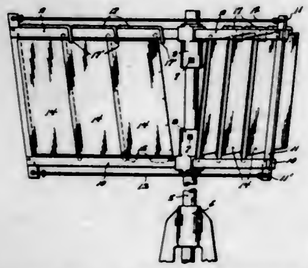
controlled by the two relays for selectively supplying alternating current only or direct current only of one polarity or of the other polarity to the conductors for the section next in rear of the associated section whereby a distinctive control is effected for each of three consecutive track sections next in rear of an occupied section.

2,128,591
TOOL SHARPENING APPARATUS
William H. McGill, Winchester, Mass.
Application January 3, 1936, Serial No. 57,375
5 Claims. (Cl. 51—158)



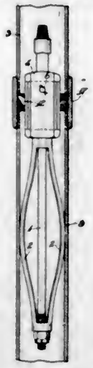
1. In a tool sharpening apparatus, the combination of a flat, relatively stationary grindstone, a tool holder comprising a yoke-shaped body member, a base piece connecting the arms of said member, a screw carried by said yoke for engagement with the base piece to clamp the tool securely but releasably in the holder for the sharpening operation, a guide plate, a support for holding said stone and said plate positioned horizontally and closely adjacent to each other, said tool holder including an arm rigid therewith and in axial alinement with said screw and having a round ended guiding member at its lower end arranged to bear on the upper face of said plate and freely movable in any direction on said face, said member cooperating with said plate and said holder to determine the angle at which said tool will be held on the surface of said stone while the tool is moved over the stone, and means for preventing the movement of said guiding member off the edge of the plate.

2,128,592
CURRENT-PROPELLED TURBINE
Michael D. Mushkin, Seattle, Wash.
Application September 23, 1936, Serial No. 102,113
3 Claims. (Cl. 170—20)



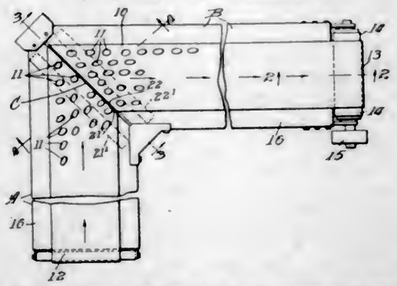
1. A wing for a current-propelled turbine formed to a rhomboidal plan configuration and hingedly suspended for swinging movement about an axis inclined from the perpendicular to locate the outer extremity of the wing's free edge in overhanging relation to the inner extremity of the wing's hinged edge.

2,128,593
TUBING AND CASING STRIPPER FOR WELLS
Charles R. Phillips, Mannington, W. Va.
Application April 14, 1938, Serial No. 201,969
4 Claims. (Cl. 164—0.3)



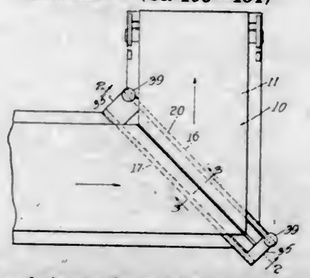
1. A tool for cutting well casing sections comprising a housing, a cutter blade pivoted in said housing and having a cutting edge at its outer end projecting from the housing, means whereby the cutter blade may be moved inwardly of said housing to retracted position in said housing, and means in said housing and engageable with the cutter blade for maintaining it in its outward operative position, said last mentioned means being adapted to be disengaged from said blade following movement of the blade about its pivot in a prescribed arc to permit said cutter blade to be retracted within the housing.

2,128,594
CONVEYER
Robert P. Rasmussen, Chicago, Ill.
Application May 24, 1935, Serial No. 23,229
7 Claims. (Cl. 198—184)



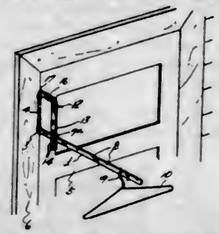
1. In a substantially flat belt conveyer system, two stretches extending at an angle to each other and in substantially the same plane at their adjacent ends, angularly disposed guides arranged at the adjacent ends of the stretches parallel with each other and close together and around which the stretches are respectively guided out of and into the plane of the conveyer, and other guide means associated with said angularly disposed guides for maintaining the stretches in a substantially uniform taut condition across their width.

2,128,595
CONVEYER
Robert P. Rasmussen, Chicago, Ill.
Application July 24, 1936, Serial No. 92,347
3 Claims. (Cl. 198—184)



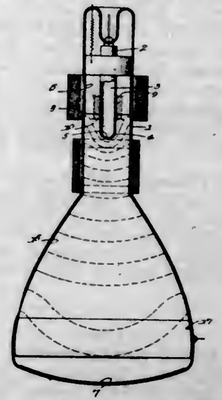
1. In a substantially flat belt conveyer system having a continuous conveyer belt and having two parts extending at an angle to each other, the top or active portion of the conveyer belt extending from end to end of the conveyer and the return or under portion of the conveyer belt also extending from end to end of the conveyer and arranged substantially vertically beneath the upper portion throughout the length thereof, angularly disposed thin edged guide members arranged at the adjacent ends of the two parts of the active part of the conveyer belt, said guides being close together and parallel with each other and by which the conveyer belt is guided out of and into the plane of the conveyer, and guide means beneath said parallel guides for taking up the slack of the top or active conveyer belt at the turn, and similar angularly disposed thin edged guides, arranged at the turn for the under or return portion of the conveyer belt, one at each side of the turn, and arranged substantially parallel with each other, and other guide means below said similar angular guides for taking up the slack in the under portion of the conveyer belt at the turn.

2,128,596
CLOTHES HANGER
Eric G. Redin, St. Louis, Mo.
Application October 17, 1936, Serial No. 106,075
4 Claims. (Cl. 248—205)



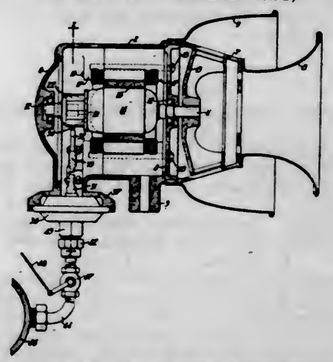
1. In a device of the kind described for removably mounting upon door hinges having knuckles of varying lengths and extended ends, a main hanger bar for horizontal extension endwise from a selected hinge, means at the predetermined inner end of the bar for releasably engaging the lower end of a hinge knuckle, an auxiliary hanger link for positioning vertically adjacent the hinge and across the inner end of the main hanger bar, and means for adjustably connecting the two elements in a pincer-like relation and so as to compensate for hinge knuckles of varying lengths and maintain the main hanger bar in a substantially horizontal position, in mounting the bar upon the selected hinge.

2,128,597
BRAUN TUBE
Ernst Ruska, Berlin-Zehlendorf, Germany, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany
Application August 5, 1936, Serial No. 94,433
In Germany August 7, 1935
6 Claims. (Cl. 250—27.5)



1. A Braun tube having therein an electron gun comprising a cathode, a control electrode, and an anode, said control electrode having an exteriorly threaded portion directed toward said anode, said anode having an exteriorly threaded portion directed toward said control electrode, an insulating ring having an interiorly threaded portion adapted to engage said control electrode and a second interiorly threaded portion adapted to engage said anode, said insulating ring having its inner surface between said interiorly threaded portions recessed to a diameter substantially greater than said threaded portions.

2,128,598
MOTOR DRIVEN DEVICE AND MEANS FOR CONTROLLING SAME
Evan D. Williamson, San Francisco, Calif., assignor to E. D. Bullard Company, San Francisco, Calif., a corporation of California
Application April 13, 1935, Serial No. 16,201
5 Claims. (Cl. 171—324)



5. In an electric motor having an armature and associated commutator and brushes, brush holders, a cup slidably mounted in each holder behind the brushes, compression springs seated in the cups for pressing the brushes against the commutator, arms fixed on the cups and pro-

jecting through the brush holders, levers engageable with said arms, links pivotally connected together and to said levers, and a spring connected with the common pivot of said links for moving the levers to retract the cups for removing the spring pressure from the brushes.

2,128,599
PRINTING PREPARATION
Otto Albrecht, Basel, and Max Bommer and Fritz Grieshaber, Riehen, near Basel, Switzerland, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application November 30, 1936, Serial No. 113,529. In Switzerland December 2, 1935
10 Claims. (Cl. 8—70)

3. Process for printing vegetable fibers, consisting in applying to the fiber a printing paste which contains a dyestuff selected from the group consisting of reduced and unreduced vat dyestuffs, and a water-soluble salt of the cymene sulfonic acids.

2,128,600
BUST SUSPENSOR
Ludwig Bergmann, Dusseldorf, Germany
Application July 22, 1937, Serial No. 155,102
In Germany January 30, 1937
3 Claims. (Cl. 2—42)

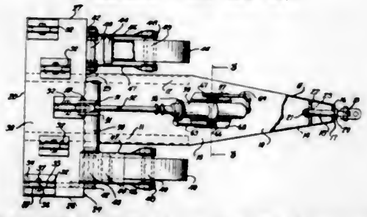


1. A bust suspensor or brassière including breast receiving and supporting pockets, each of said pockets being formed of a plurality of layers of sheet material, an intermediate layer of material in at least the lower half of said pocket, said intermediate layer comprising a piece of sheet material at least coextensive with the width of said pocket and being impregnated with a mixture of cellulose acetate and starch to stiffen the same.

2,128,601
METHOD OF MANUFACTURING ALLOY STEEL
William MacCormac Burden, Reginald Genders, and Reginald Harrison, Woolwich, London, England, assignors to Sofal Limited, London, England
No Drawing. Application April 6, 1936, Serial No. 73,044. In Great Britain April 30, 1935
4 Claims. (Cl. 75—129)

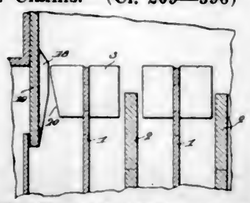
1. A method of manufacturing a steel suitable for cutting tools, and consisting of a relatively soft matrix of iron of low carbon content containing in suspension a high proportion of a hard carbide of one at least of the elements, tantalum, niobium, zirconium, boron, titanium, which consists in incorporating in the elementary state in molten pig iron, one at least of said elements in a total quantity of about 30 to 40% thereby effecting a direct conversion of the pig iron into the tool steel aforesaid.

2,128,602
RIPPER
Ralph M. Davenport, Los Angeles, Calif.
Application April 2, 1935, Serial No. 14,254
Renewed January 24, 1938
2 Claims. (Cl. 262—8)



1. A scarifier of the type described comprising rigid parallel longitudinal extending frame members, said members being enclosed and secured together by horizontal platform plates, a transversely extending scarifier frame rigidly mounted across the rear ends of said parallel frame members, horizontal plates secured to and enclosing the transversely extending scarifier frame, slotted openings formed in the scarifier frame plates to accommodate a plurality of scarifier teeth, a plurality of scarifier teeth mountings in combination with the scarifier frame and its slotted openings, scarifier teeth extending through said slotted openings in the scarifier frame plates and one detachably secured in each of said mountings, said scarifier teeth being vertically mounted and inclined downwardly and forwardly, a pair of wheel forks one mounted on each side of the main frame in advance of the transversely extending scarifier frame, said mountings permitting vertical swinging movement of said forks and remotely controlled means for simultaneously actuating the wheel forks to raise the wheels and to raise and lower the scarifier teeth from their operative positions, said means comprising a hydraulic jack to the opposite ends of which fluid pressure may be delivered alternately in swinging the wheel forks.

2,128,603
SCREEN
Stanley B. Davies, Kingston, Pa., assignor to Royer Foundry & Machine Company, Kingston, Pa., a corporation of Pennsylvania
Application December 17, 1936, Serial No. 116,429
7 Claims. (Cl. 209—396)



7. In combination, a screen structure including a stationary frame and a plurality of grid bars movable with respect to said frame, and extending parallel with the two opposite side walls thereof, the grid bars adjacent said two opposite walls of the frame being provided with transverse fins, having ends projecting toward said walls, said ends being downwardly inclined from said walls, longitudinally spaced tongues on the walls of the frame substantially opposite and projecting toward the respective fins so that the fins and tongues are arranged end to end, the edges of the tongues extending above and below

the median position of said fins and being sufficiently long to be opposite a portion of said fins at all positions of the latter during their movement.

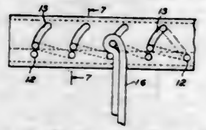
2,128,604
MANUFACTURE OF ARTIFICIAL SILK
Robert F. Davis, Arlington Ridge, Va., assignor to American Enka Corporation, Enka, N. C., a corporation of Delaware
No Drawing. Application April 22, 1937, Serial No. 138,473
6 Claims. (Cl. 28—1)

1. A low-luster artificial silk filament containing therein finely divided and uniformly distributed particles of boron nitride and an oily material.

2,128,605
INVERTASE SOLUTION
Edward Romer Dawson, Epsom, England, assignor to The Distillers Company Limited, Edinburgh, Scotland, a British company
No Drawing. Application April 15, 1938, Serial No. 202,353
2 Claims. (Cl. 195—63)

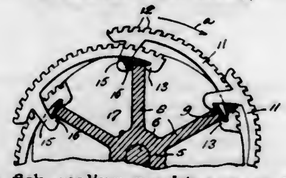
2. A new composition of matter consisting of invertase solution and diacetin the latter constituting not more than 30 per cent by weight of the composition.

2,128,606
NECKTIE HOLDER
Edwin A. de Voss, Jr., San Francisco, Calif.
Application November 24, 1936, Serial No. 112,522
3 Claims. (Cl. 211—87)



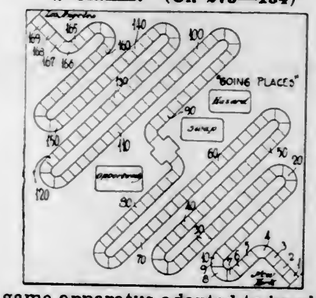
1. A necktie rack comprising a backing strip provided thereon with supporting pins, perpendicular to said backing strip, the pins being arranged in pairs, said pins in each pair being spaced apart a distance to permit a tie to be looped over the uppermost pin and snugly slipped between the two pins, whereby the ties may be introduced between the parallel pins so that the weight of the tie and the friction of the tie material will prevent the said tie from dropping from the pins when hanging therefrom in a pendant position, said uppermost pin having an end thereof offset and journaled in the backing strip, whereby said pin may be swung in an arcuate path in relation to the lowermost pin.

2,128,607
FISH-SCALING MACHINE
Samuel M. Godfrey, Sharon, Pa.
Application August 2, 1937, Serial No. 157,057
5 Claims. (Cl. 17—5)



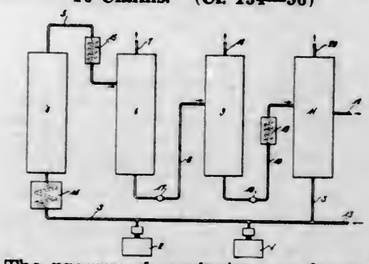
1. In a fish scaling machine, a scaling roller having a circular series of longitudinal rows of scaling blades freely mounted at corresponding ends for outward swinging movement under the influence of centrifugal force generated by rotation of the scaling drum, means at the trailing ends of said blades for limiting the outward swinging movement thereof, the blades of each row having their ends interposed between the ends of the blades of adjacent rows, and a member common to the means for mounting the leading ends of each row of blades and the means for limiting the outward swinging movement of the trailing ends of the blades of the next preceding row of blades.

2,128,608
GAME
Clarence C. Goertemiller, Big Stone Gap, Va.
Application June 7, 1937, Serial No. 146,834
2 Claims. (Cl. 273—134)



1. A game apparatus adapted to be played by a plurality of players each having a movable playing piece and each normally operating in turn means for indicating the number of spaces said piece is to be moved across a playing surface, said game apparatus comprising a playing board having a marked path of travel comprising a plurality of distinct spaces including a starting space and a goal space, indicia carried by certain of the spaces requiring that a piece occupying one of said spaces exchange places with the piece of another player, and chance means separate and distinct from said indicia for designating, upon consultation by a player, the specific other piece with which said player's piece is to exchange places.

2,128,609
PROCESS OF PRODUCING A SOLVENT
Jacquelin E. Harvey, Jr., Hapeville, Ga.
Application June 12, 1937, Serial No. 147,958
16 Claims. (Cl. 134—56)



1. The process of producing a solvent which comprises: subjecting pine tar in the presence of a catalyst at a temperature of between substantially 700° and 1100° F. to the action of between 3,000 and 24,000 cubic feet of hydrogen per barrel of tar at a pressure of between substantially 50 and substantially 200 atmospheres partial hydrogen pressure with the conditions of time, temperature, pressure and gas supply so adjusted to each other that the treated material will distill at least 5.6% at 275° F. and not less

than 27.9 at 392° F. and will contain a substantial percentage of fractions having an aniline point not higher than −15° F. and have an overall aniline point of not over 22° F.

2,128,610

SUPPORT FOR THE ELASTIC IN BALL GAMES WITH ATTACHED BALL

Rodolfo Heimers, Mexico, D. F., Mexico
Application February 5, 1937, Serial No. 124,311
In Mexico February 8, 1936
4 Claims. (Cl. 273—97)

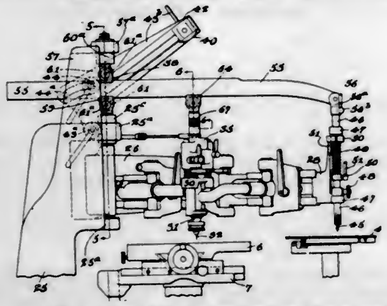


1. A ball throwing device having a ball attached thereto by elastic means and having supports comprising sets of rollers supporting the elastic in a plurality of turns and preferably under tension, guards covering the edges of said rollers on the side toward which the elastic is stretched from one set of rollers to the other, means supporting each set of rollers and guards, and means for securing said supporting means to spaced portions of the ball throwing device.

2,128,611

ENGRAVING AND ALLIED MACHINE

Peter M. Henkes, Racine, Wis., assignor to George Gorton Machine Company, Racine, Wis., a corporation of New Jersey
Application July 27, 1935, Serial No. 33,611
35 Claims. (Cl. 90—13.1)



1. A pantograph reproducing machine, including a pantograph, swingable laterally in a normally fixed plane parallel with the plane or planes of the copy and work; a longitudinally floatable driven cutter spindle having its longitudinal axis perpendicular to said plane and movable universally laterally over the work by said pantograph; a longitudinally movable spindle for the copy tracing stylus having its longitudinal axis parallel with the axis of said cutter spindle and movable laterally over the copy with said pantograph; and a laterally and vertically swingable vertical-movement-scaling lever from said stylus spindle to said cutter spindle for transmitting the vertical movements of the stylus spindle to the cutter spindle in scaled relation; said lever having a support independent of said pantograph and spindles, said support providing an axis parallel with the axes of said spindles, on which said lever is laterally swingable, said support also providing a transverse axis on which said lever is vertically swingable, said lever being endwise movable with respect to said support under the lateral movement of said stylus spindle.

2,128,612

PROCESS OF DESULPHURIZING ARTIFICIAL SILK OF VISCOSE

Emil Hubert, Dessau-Ziebigk, and Hermann Hecht, Dessau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application October 10, 1935, Serial No. 44,462. In Germany October 13, 1934
6 Claims. (Cl. 18—54)

1. A process of desulphurizing artificial silk which comprises dissolving in viscose 0.25 per cent of sodium borneol xanthate, spinning said viscose into a precipitating bath, washing the threads thus obtained free from acid and desulphurizing the deacidified threads only by treatment with a 0.7 per cent solution of the sodium salt of sulphonated olive-oil at 20° C. for 1½ hours.

2,128,613

PROCESS FOR THE TREATMENT OF FIBROUS MATERIALS

Walter Kling and Ernst Götte, Chemnitz, Germany, assignors to Boehme Fettchemie-Gesellschaft m. b. H., Chemnitz, Germany
No Drawing. Application August 28, 1935, Serial No. 38,326. In Germany August 28, 1934
4 Claims. (Cl. 8—20)

1. A process of improving lustrous fibrous materials which comprises treating the material with a preparation made by mixing a solution of a water-soluble cation-active salt with a compound of an acid radical of high molecular weight reacting with the cation-active salt to form a precipitate, isolating the precipitate formed and peptizing said precipitate in a watery solution of said water-soluble cation-active salt, and subsequently treating said material with a solution of an acid radical containing compound yielding in aqueous solution anions of an equivalent weight of at least 90 reacting with said cation-active salt to form a precipitate.

2,128,614

RING FOR USE IN A SPINNING FRAME

Norio Kobayashi, Kawachi-gun, Osaka, Japan
Application January 3, 1936, Serial No. 57,415
1 Claim. (Cl. 117—59.5)



A ring for use in spinning frames formed from a single piece of sheet metal, comprising an annular side, an end of said side being shaped by bending so as to form an annular receptacle for lubricant and said receptacle having an extremely narrow annular slit encircling said ring at the bottom of said receptacle and adjacent the upper end of said annular side, lubricant being adapted to flow from said receptacle through said narrow slit directly onto the annular side.

2,128,615

PROCESS FOR THE PRODUCTION OF FERRO-MANGANESE

Adolf Krus, Sturzelberg over Neuss, and Hermann Steffe, Duisburg-Huckingen, Germany, assignors to Mannesmannröhren-Werke Aktiengesellschaft, Dusseldorf, Germany, and "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne, Germany
No Drawing. Application June 13, 1935, Serial No. 26,514. In Germany July 23, 1934
3 Claims. (Cl. 75—131)

1. Process for the manufacture of ferro-manganese from iron-containing manganese ores or manganese slags which, owing to the proportion of iron to manganese which they contain, cannot be worked up to ferro-manganese, in a single working process wherein the ore, after being mixed with limestone, is melted to form a low-melting manganous oxide slag of neutral or weakly acid reaction, and so much iron is reduced out of the slag at a temperature below the reduction temperature of the manganese as to form an intermediate product in which the proportion of iron to manganese is that required for producing the ferro-manganese desired, and the intermediate product is then reduced to ferro-manganese in the usual manner.

2,128,616

PROCESS FOR PREPARING TRITURATIONS OF FRESH PLANTS

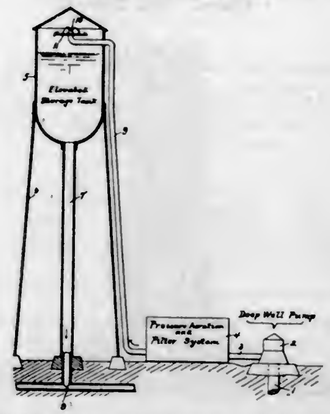
Alfred Kuhn, Radebeul-Dresden, Germany, assignor to Dr. Madaus & Co., Radebeul-Dresden, Germany, a trading partnership of Germany
No Drawing. Application January 8, 1937, Serial No. 119,711. In Germany January 9, 1936
7 Claims. (Cl. 167—82)

1. The process of producing preparations containing the volatile constituents of fresh plants, comprising mixing fresh plants with grape sugar and a salt having an alkaline reaction, and triturating the mixture, and then drying the resultant mass.

2,128,617

AERATION OF TREATED WATER IN ELEVATED TANKS

Joseph P. Lawlor, Ames, Iowa
Application November 10, 1937, Serial No. 173,914
1 Claim. (Cl. 210—26)

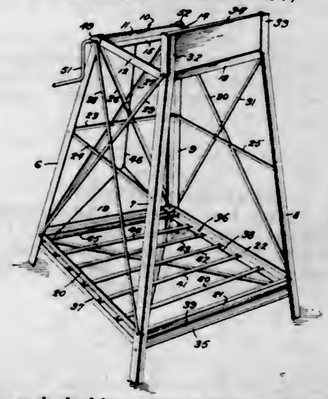


The method of treating water for the removal of iron and gases contained in the water which will react with iron, which consists in forcing the water, by a single pumping action, through a closed-to-atmosphere pressure filter which is adapted to remove the iron from the water passing through the filter, which filter is located at a relatively low level, then conducting the water, as it leaves the filter under a pressure above atmosphere, to the top of a storage tank which is located at a relatively high level and is open to atmosphere, and delivering the water into the top of the tank above the level of the water contained in the tank and at substantially atmospheric pressure, and dividing the water entering the tank into finely divided parts as it falls through the atmosphere onto the surface of the water in the tank.

2,128,618

SACK HOLDER

Eugene Preston Lawson, San Angelo, Tex.
Application February 18, 1937, Serial No. 126,492
5 Claims. (Cl. 248—97)



1. A sack holder comprising a frame having four legs suitably braced to form a substantially vertical tower having the space between two legs unobstructed, means connected to the upper end of said legs for detachably holding a sack with its mouth in open position, a bottom pivoted at the open side of said tower to support the lower end of a bag suspended by said holding means, and means connected to the free end of said bottom to swing the same about its pivot for raising and lowering a bag supported thereby.

2,128,619

PRESSURE FLUID GAUGE

Walter H. Longstreet, Brooklyn, N. Y., assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y., a corporation of New York
Application June 23, 1937, Serial No. 149,983
2 Claims. (Cl. 73—111)

2. In pressure fluid gauges, the combination of a cylindrical casing, an air chuck connected to one end of said casing, a plunger member in said casing having a flexible skirted washer attached thereto, and a spreader unit seated on the end of the casing and held by the air chuck; said unit having a tapered extension cooperating with the skirt of the washer to normally hold the latter against the wall of the casing and the plunger centralized in the casing, including separate engaging means for limiting the degree of co-operative engagement of the skirt with the spreader unit, said spreader unit comprising a body having greater diameter than the casing and arranged to be clamped against the end of the same

by the air chuck, said unit tapering extension being arranged for forcing the end of the casing to expand into engagement with the air chuck to



establish an interlock between the chuck and casing, said tapering extension also cooperating with the skirt of the washer to prevent leakage of pressure past the plunger.

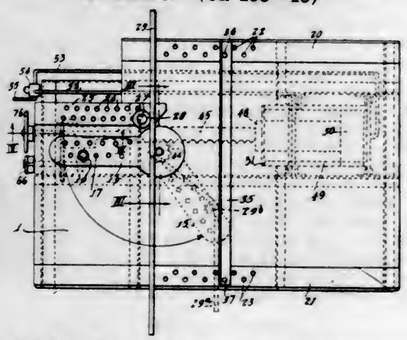
2,128,620

BENDING MACHINE

Daniel A. Lyons, Los Angeles, Calif., assignor to Consolidated Steel Corporation, Ltd., Los Angeles, Calif., a corporation of California

Application August 23, 1937, Serial No. 160,359

6 Claims. (Cl. 153—15)



2. A shaping machine of the type described comprising fixed members for engaging a workpiece, a movable member for engaging a workpiece at a point spaced therealong from said fixed members, means for moving said movable member to shape a workpiece, and means for adjustably limiting the distance through which the movable member moves comprising: a stop-engaging member connected to said movable member for movement therewith, a stop member mounted in the path of movement of said stop-engaging member, said stop member having a plurality of faces thereon spaced from each other in the direction of movement of said stop-engaging member, means for moving said stop member in a plane perpendicular to the path of movement of said stop-engaging member for selectively bringing different ones of said faces into the path of movement of said stop-engaging member, and means for moving said stop member directly toward and away from said stop-engaging member by small increments.

2,128,621

METHOD OF CASE HARDENING

Bernard R. Queneau, Millburn, N. J., assignor to United States Steel Corporation, New York, N. Y., a corporation of New Jersey

No Drawing. Application February 10, 1937, Serial No. 125,157

8 Claims. (Cl. 148—14)

1. The method of hardening a steel article comprised of carbon steel containing the usual amounts of Mn, Si, S and P and containing carbon in excess of .20% but not more than the eutectoid percentage, the marginal areas of said article containing a higher carbon content than the central or core area of the article, which comprises rapidly cooling the article from a temperature above the upper critical temperature at which the said steel is fully austenitic to a temperature below the temperature of rapid pearlite formation but above the temperature of rapid martensite formation and holding the said article at a temperature within the lower portion of this said range until the austenite has undergone substantially complete transformation into ferritic structures other than martensite which are stable at the said holding temperature, and then cooling to atmospheric temperatures.

2,128,622

METHOD OF PRODUCING UNSATURATED COMPOUNDS CONTAINING THE AETIOCHOLANE RING

Leopold Ruzicka, Zurich, and Ludwig Ehmann, Basel, Switzerland, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application May 2, 1936, Serial No. 77,642. In Switzerland May 4, 1935

5 Claims. (Cl. 260—397)

1. A method of producing compounds containing the aetiocholane ring from their halogen addition products, which comprises catalytically hydrogenating the halogen addition product without the addition of heat in the presence of a hydrogenating metal catalyst.

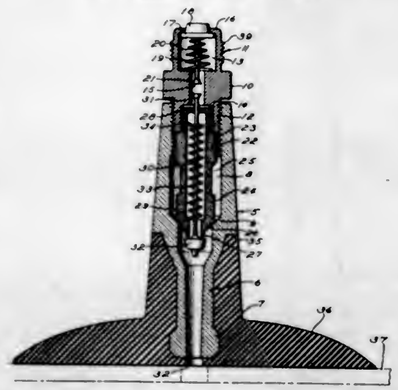
2,128,623

VALVE

William P. Stuck, Mount Ayr, Iowa

Application July 27, 1937, Serial No. 156,018

1 Claim. (Cl. 277—42)



A device of the character described, comprising, a body adapted to be secured to an inner tube and formed with a longitudinally extending bore having a threaded upper section and a restricted lower section, an upper member threaded in said upper section and formed with upper and lower chambers having a communicating passage, a plug operable within said upper chamber, means normally positioning said plug in a manner to close said chamber, a barrel secured within said lower chamber and formed with a cap-seat at the lower end thereof, a cap engaging said seat and provided with a stem extending through said barrel and into said passage, means within said barrel for normally maintaining said cap in engagement with said seat, and a stem carried by said plug and extending into said passage for operating said first mentioned stem and normally arranged in spaced relation from said first mentioned stem whereby to prevent the accidental displacement of said plug from actuating said first mentioned stem and permitting normal operation of said plug to actuate said first mentioned stem to disengage said cap from said cap-seat.

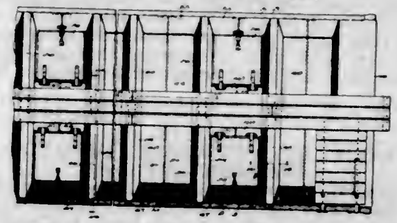
2,128,624

CAR ROOF

Earl R. Swanson, Chicago, Ill., assignor to Chicago-Hutchins Corporation, a corporation of Delaware

Application November 4, 1935, Serial No. 48,254

10 Claims. (Cl. 108—5.4)



8. A railway car having a plurality of metal roof sheets, each of said sheets having similarly disposed plate portions spaced longitudinally of the roof and an intervening depressed portion defining a reinforcing trough, the adjacent plate portions of at least two adjoining sheets being notched to provide a single lading receiving opening, and a door movably mounted on the roof for closing said opening.

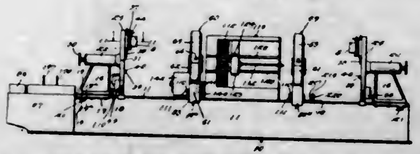
2,128,625

LATHE TYPE MILLING MACHINE

Frank J. Vaughn, Erie, Pa., assignor of one-fourth to James R. Vaughn, Erie, Pa.

Application July 28, 1936, Serial No. 93,087

26 Claims. (Cl. 90—15)



1. A crankshaft milling machine, including two parallel beds, tailstocks independently adjustable along one of said beds, each tailstock having a face plate, a chuck rotatably mounted on the face plate for bodily rotation around a central axis, each chuck being independently rotatable around its own individual axis, means for bodily adjusting the chuck toward or from the first named axis, manually operable means for rotatably adjusting each chuck around its own individual axis, crankshaft bearing carriages disposed between said tailstocks and each independently adjustable along the bed which supports the tailstocks, each carriage including a gear ring mounted in the carriage for rotation in a vertical plane, a crankshaft bearing mounted in each ring for movement parallel to the diameter of the gear ring, manually operable means for adjusting the bearing toward or from the rotative center of the gear ring, manually controlled power operated means engaged with one of said rings to rotate it, a rotatable milling cutter mounted upon the other of said beds for longitudinal movement therealong and for movement toward or from the work, and manually controlled power operated means for driving the cutter and feeding it towards the work or retracting it therefrom.

2,128,626

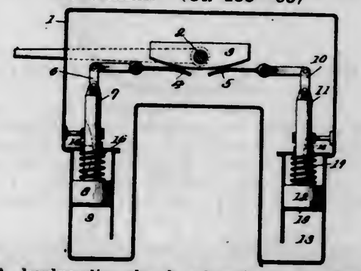
HYDRAULIC SHOCK ABSORBER

Regnerus Josephus Ignatius Visser, Amsterdam, Netherlands

Application September 14, 1936, Serial No. 100,776

In the Netherlands June 23, 1936

4 Claims. (Cl. 188—88)



1. A hydraulic shock absorber comprising a pair of cylinders containing a fluid, pistons in said cylinders, means cooperating with said pistons so that a shock in one direction is absorbed by one piston while a shock in the other direction is absorbed by the other piston, piston rods and means on said piston rods controlling the egress of fluid from each cylinder upon movement of said pistons.

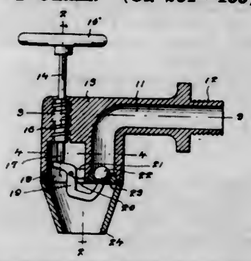
2,128,627

FAUCET

Robert Vogt, Geneva, Ill.

Application May 18, 1937, Serial No. 143,382

1 Claim. (Cl. 251—133)



A faucet comprising a head section and an integrally connected leg section formed with a water channel communicating with the head section of which the latter is provided with a pendent nozzle member and a chamber disposed laterally of that portion of the water channel in the head, a valve seat carried in the head at the point where the water channel communicates with the nozzle

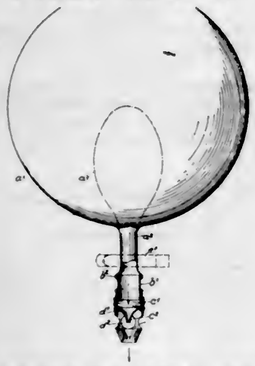
member, a ball engaging said seat, a lever having a pivotal mounting in said chamber slightly above the plane of said seat and having its resistance arm extended to provide a ball engaging terminal, and an axially movable stem threadedly mounted in said head and with a pilot element disposed within said chamber, the lever having its force arm disposed in the path of movement of said pilot, so that upon axial movement of the stem, the lever is rocked to elevate the ball from its seat.

2,128,628

TOY BALLOON

Ilija Worobjoff, Wilmersdorf, Berlin, Germany, assignor of one-half to Karl Franke, Berlin, Germany

Application December 5, 1936, Serial No. 114,488
In Germany December 19, 1935
6 Claims. (Cl. 46—87)



1. An inflatable toy balloon, comprising, in combination, an outlet nozzle adapted for imparting a lift to the balloon under the pressure of the gaseous medium previously introduced, said nozzle having the form of an injector and possessing lateral openings in its outer wall arranged in such relation to the inner outlet nozzle as to enable auxiliary air being sucked in and mixed with the gaseous medium ejected through the inner nozzle.

2,128,629

TOY BALLOON

Ilija Worobjoff, Steglitz, Berlin, Germany, assignor of one-half to Karl Franke, Berlin, Germany

Original application December 5, 1936, Serial No. 114,488. Divided and this application December 30, 1937, Serial No. 182,586. In Germany December 19, 1935
5 Claims. (Cl. 46—87)



1. An inflatable toy balloon having an outlet nozzle provided with a central aperture, the nozzle being formed with an inwardly extending flange defining the aperture.

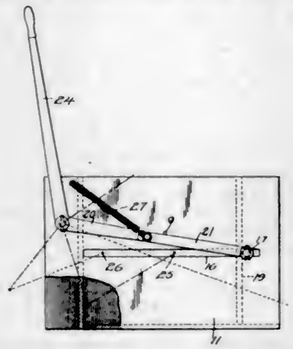
2,128,630

PRESS FOR FLATTENING TIN CANS

Jesse M. Wright, Claysburg, Pa.

Application June 14, 1937, Serial No. 148,194
5 Claims. (Cl. 153—10)

1. A press for flattening tin cans comprising a box having a bottom, side walls, and a rear wall, the side walls being extended beyond the rear wall, the bottom of the box terminating short of the rear wall and providing a discharge slot for flattened cans, a shaft journaled in the extensions of the side walls, the side walls having longitudinal slots therein, a presser plate having guide members on the sides fitting in said slots,



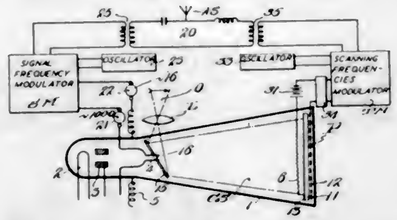
links carried by the guide members, crank arms carried by the shaft and connected to the links, and means for rocking the shaft to rock the crank arms and through the medium of the links move the presser plate into close proximity of the rear wall to crush and flatten out cans against the rear wall to be discharged through the slot upon retrograde movement of the presser plate.

2,128,631

SYSTEM OF OPTICALLY REPRODUCING ELECTRIC IMPULSES

Roland D. Eaton, Cambridge, Mass., assignor, by direct and mesne assignments, of one-third to Jules A. Perrault and one-tenth to Charles H. Hawes, both of Boston, Mass., eighty-one fifteen-hundredths to Frank C. Stanton, Allston, Mass., one-sixth to Ida W. Glover, one one-hundred-fiftieth to Grace W. McGann, Providence, R. I., and nine fifteen-hundredths to Leo J. Logan, Marblehead, Mass.

Application October 20, 1934, Serial No. 749,140
8 Claims. (Cl. 178—7.5)



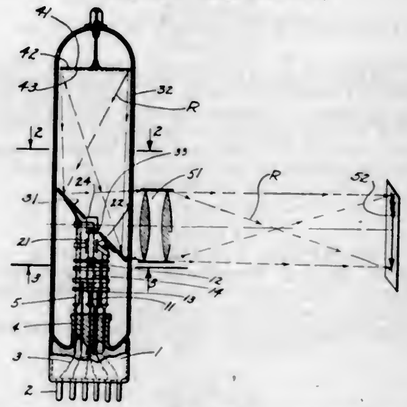
1. A device of the character described comprising a substantially unbroken transparent base of high resistance material, minute elements distributed over said base and normally conditioned to assume positions in which they absorb substantially uniformly over said base light impinging thereon, means for normally maintaining said elements in an electric condition maintaining said position, and means for setting up an electronic beam causing an elementary electric field to move over said base, said field changing said electric condition and said position of said elements with respect to said base.

2,128,632

ELECTRONIC DEVICE

Roland D. Eaton, Cambridge, Mass., assignor, by direct and mesne assignments, of one-third to Jules A. Perrault and one-tenth to Charles H. Hawes, both of Boston, Mass., ninety fifteen-hundredths to Frank C. Stanton, Allston, Mass., one-sixth to Ida W. Glover, and one one-hundred-fiftieth to Grace W. McGann, Providence, R. I.

Original application October 20, 1934, Serial No. 749,140. Divided and this application November 6, 1935, Serial No. 48,526
5 Claims. (Cl. 178—7.7)



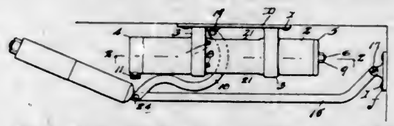
1. An electronic device comprising means emitting an electron beam, screen means in the path of said beam, and light reflecting means between said beam emitting means and said screen means inclined to the axis of said beam and having portions on opposite sides of and defining a surface surrounding said beam, for deflecting a light beam coming from or going to the screen means.

2,128,633

DOOR CLOSER

David J. Bissell, Spokane, Wash., assignor to Quad Pneumatic Lift Company, Spokane, Wash., a corporation of New Jersey

Application April 7, 1937, Serial No. 135,603
7 Claims. (Cl. 16—70)



1. In a door closer, the combination with an operating lever having a stationary pivot support at one end and a spring device forming a resilient resisting-element mounted on its slotted free-swinging end, a spring-lever having a movable pivotal engagement at its free-swinging end with the slotted operating lever, and said spring-lever having a pivotal support mounted on a hinged door.

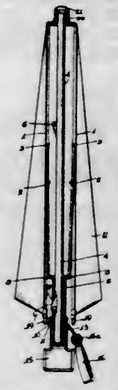
2,128,634

UMBRELLA

Louis A. Capaldo, New York, N. Y.

Application August 5, 1937, Serial No. 157,464
4 Claims. (Cl. 135—28)

1. An umbrella having a stick, a runner slidably mounted on said stick, spreaders pivotally connected to said runner, ribs pivotally connected to said stick and to said spreaders, a holding loop made of elastic material, and a cord connecting



said holding loop to said runner, said holding loop being operative to slide said runner along said stick.

2,128,635

LAMINATED STRUCTURE AND METHOD FOR PREPARING SAME

William Hale Charch, Buffalo, N. Y., and Dorothy Bateman Maney, Old Hickory, Tenn., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 23, 1935, Serial No. 12,739
25 Claims. (Cl. 154—40)

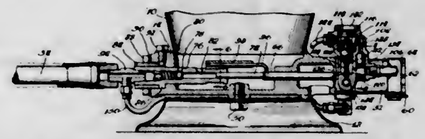
1. A new article of manufacture comprising a base, said base having rubber adhering thereto, and a substantially insoluble, infusible synthetic resin, resulting from the condensation and polymerization of a polyhydric phenol and an aldehyde and applied from an aqueous medium, between said rubber and said base.

2,128,636

FLUID CONTROL VALVE

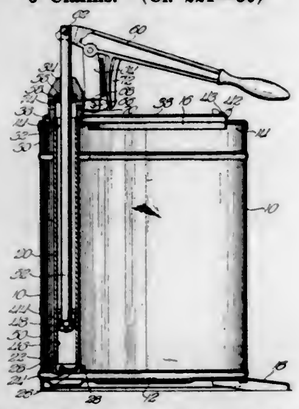
Ernest W. Davis, Oak Park, Ill., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application August 26, 1933, Serial No. 686,928
7 Claims. (Cl. 137—139)



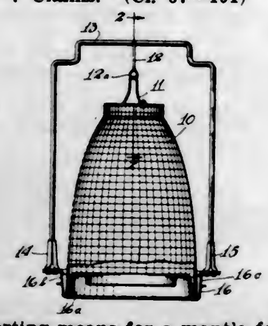
1. A control mechanism for a compressed air operated motor comprising, a valve to control the flow of air from a source of air under pressure to the motor, air pressure operated means to hold said valve closed, a yielding operating connection between said valve and said piston, means including a highly restrictive passageway for supplying air under pressure to said means, and a valve manually operable to vent said means to the atmosphere thereby relieving the air pressure on said air pressure operated means and permitting said first named valve to open.

2,128,637
LUBRICATING APPARATUS
Ernest W. Davis, Oak Park, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application August 21, 1936, Serial No. 97,117
6 Claims. (Cl. 221—80)



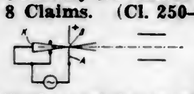
1. A lubricant compressor comprising a reservoir having a filling opening therein, a pump for withdrawing lubricant from said reservoir and ejecting it under pressure, a cover rigidly secured to said pump and normally covering the filling opening in said reservoir, means for rotatably mounting said pump and cover assembly in said reservoir, and means for rotating said pump mechanism and cover simultaneously, to move said cover from a position covering the filling opening of said reservoir, whereby said reservoir may be refilled through the filling opening therein.

2,128,638
MANTLE SUPPORTING MEANS
Cortland W. Davis, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois
Application October 24, 1936, Serial No. 107,446
7 Claims. (Cl. 67—101)



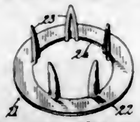
2. Supporting means for a mantle for a wick-fed kerosene burner, which mantle is provided with an open top affording free flow of gases of combustion upwardly therethrough by the chimney draft of said burner and producing a highly heated oxidizing zone of such gases above said mantle, which supporting means includes the combination of a bracket extending above and spaced above said mantle, and a metallic wire substantially more resistant to the oxidizing effect of the gases delivered from the upper end of said mantle than is steel wire, said metallic wire being rigidly connected to said bracket and depending therefrom to support said mantle.

2,128,639
ELECTRONIC DEVICE
Kurt Diels, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application January 9, 1936, Serial No. 58,277
In Germany November 30, 1934
8 Claims. (Cl. 250—27)



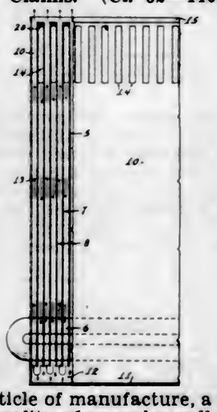
7. In a cathode ray tube, an electron source, an apertured control electrode, an anode adapted to have potentials applied thereto, means to produce a virtual cathode in the plane of the aperture in the control electrode, and means to maintain the position of the virtual cathode unaltered for any changes in anode potential.

2,128,640
FASTENER ATTACHING MEANS
Paul E. Fenton, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application May 20, 1937, Serial No. 143,665
5 Claims. (Cl. 85—37)



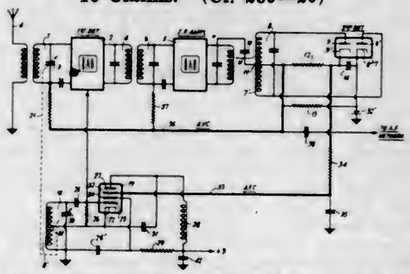
1. An attaching cap element of the character described, comprising a flange portion, and a plurality of prongs affixed to the flange at spaced points about a base circle on the flange and extending perpendicularly therefrom, each such prong being of generally arcuate cross section on a radius which is very much shorter than that of the base circle whereby to reduce its effective width and increase its rigidity.

2,128,641
DEHUMIDIFIER
Robert H. Folsom, Los Angeles, Calif.
Application April 13, 1937, Serial No. 136,635
2 Claims. (Cl. 62—140)



1. As an article of manufacture, a refrigeration coil and a plurality of spaced parallel fins to said coil forming extended surfaces therefor and continuing in one direction to provide counter-current heat exchange surfaces remote from said coil, means connecting the remote ends of spaced pairs of said fins, a housing enclosing the coils and fins and providing respectively air inlets for the spaces enclosed by said connected pairs of fins and air outlets for the spaces between the connected pairs of fins; said housing further providing a drip chamber enclosing all the fin ends adjacent to the coil and providing intercommunication thereat between the corresponding end of all passages.

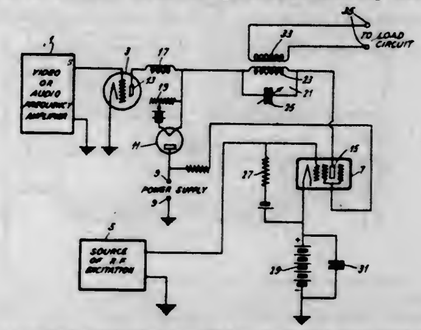
2,128,642
AUTOMATIC FREQUENCY CONTROL CIRCUITS
Dudley E. Foster, Morristown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 27, 1936, Serial No. 87,616
16 Claims. (Cl. 250—20)



1. In a superheterodyne receiver of the type provided with at least a first detector adapted to produce intermediate frequency energy of a predetermined operating intermediate frequency, means for rectifying the intermediate frequency energy, a local oscillator network adapted to impress locally produced oscillations upon said first detector, adjustable tuning means electrically associated with said first detector and oscillator, and means responsive to a variation in frequency of said intermediate frequency energy from the operating frequency for adjusting the oscillator frequency in a sense to cause said intermediate frequency energy to approach said operating frequency, the improvement which is characterized by said oscillator network being provided with an electron discharge tube which includes at least a cathode, a control grid and an anode electrically connected to produce said oscillations, said tube including at least two additional electrodes electrically connected to the oscillator tank circuit to reflect a reactance of predetermined sign across the tank circuit, and an electrical connection between said oscillator frequency adjusting means and one of said two additional electrodes.

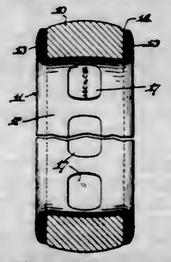
2,128,643
MODULATION SYSTEM
Roscoe H. George, La Fayette, Ind., assignor to Radio Corporation of America, a corporation of Delaware
Application November 22, 1935, Serial No. 51,019
5 Claims. (Cl. 179—171)

1. A signalling system comprising a modulator tube and a carrier frequency amplifier each having a cathode and an anode of which the cathode of the modulator is maintained at a predetermined potential relative to ground, means for supplying signal energy upon the input circuit of the modulator tube, a source of direct current potential including a constant current thermionic device for energizing both the modulator and the carrier frequency amplifier, a source of carrier frequency energy connected to the carrier frequency amplifier input circuit, a load circuit coupled with the output from the carrier frequency amplifier, and constant potential biasing means



connected with the amplifier cathode to raise the potential thereof above that of the modulator cathode whereby the signal modulated output of the carrier frequency amplifier may be varied from a zero value to a value equal to twice its normal value in accordance with variations in signal energy intensity.

2,128,644
MOURNING BAND ATTACHMENT FOR WEDDING RINGS
Joseph W. Gittler, Philadelphia, Pa.
Application June 16, 1937, Serial No. 148,456
3 Claims. (Cl. 63—15)

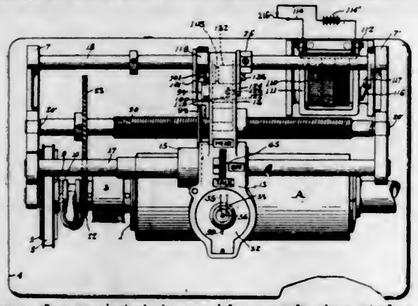


1. The combination with a wedding ring of a mourning band attachment comprising a transversely split circlet of black material and including a web and flange bands, said circlet being assembled on the wedding ring by contracting the circlet and fitting it into the ring, and an adhesive between the sides of the ring and the flange bands.

2,128,645
PHONOGRAPH
Heinrich F. Max Gramann, Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application July 18, 1933, Serial No. 680,908
3 Claims. (Cl. 274—21)

2. In a phonograph, a sound box comprising a recording stylus normally biased into record engaging position and a reproducing stylus normally out of record engaging position and offset behind said recording stylus with reference to the normal direction of movement of said sound box when recording, means for imparting an advance

movement to said sound box with respect to a record tablet carried by said phonograph, mechanism operable at will for effecting shifting of said recording stylus out of and said reproducing stylus into record engaging position at any time during an advanced movement of said sound box,



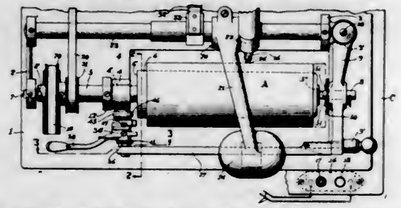
means for maintaining said reproducing stylus in record engaging position after operation of said mechanism, and a device movable relatively to said sound box which when in a certain position relative to the sound box renders said means inoperative.

2,128,646

BRAKING AND EJECTING MECHANISM

Charles Huenlich, Bloomfield, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey

Application April 1, 1937, Serial No. 134,292
8 Claims. (Cl. 82—1.1)



1. In a machine for shaving sound records, the combination with a record support and means for rotating the same, of a brake member, an ejector member, a mounting for cooperatively positioning said members with respect to said support and a record carried thereby, an actuating lever for said members, and means for applying said brake member to said support and said ejector member to the end of the record, said operations being incidental to the actuation of said lever and in the sequence of the braking action preceding the ejecting action, whereby the rotation of said record is substantially stopped before the ejection thereof.

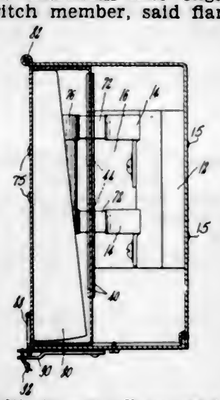
2,128,647

COMBINATION FUSED SWITCH

Ernest G. Johansson, Watertown, Mass., assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass., a corporation of Massachusetts

Application December 6, 1935, Serial No. 53,168
10 Claims. (Cl. 247—10)

10. A sheet metal box having a cover therefor hinged to the corresponding side wall of the box, a set of hinge members formed directly from the said side wall, a second set of hinge members formed directly from said cover, said hinge members being disposed in alternate and abutting relationship on a hinge pin, a plate secured to the cover, said plate having flanges thereon extending inwardly so as to telescope within the box when the cover is closed, a fixed switch member mounted on the rear wall of the box, a second switch member mounted on the cover and movable therewith into engagement with the first switch member, said flanges being of



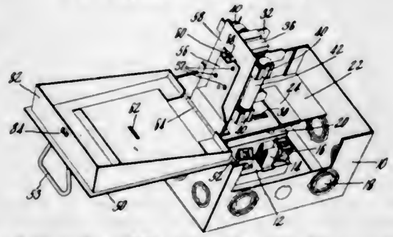
sufficient width to cut off access to said switch elements before the switch is closed, mounting means for said switch members and said plate including holes in the rear wall and the cover, said holes being spaced with relation to said hinge members to insure substantially accurate engagement between the switch members and between the flanges and the inner walls of the box when the cover is in closed position.

2,128,648

FUSED SWITCH BOX

Ernest G. Johansson, Watertown, Mass., assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass., a corporation of Massachusetts

Application May 14, 1936, Serial No. 79,724
6 Claims. (Cl. 200—50)



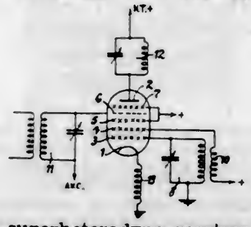
1. Apparatus of the class described, comprising a switch box, a dead-front partition member removably secured in said box and adjacent the side and end walls thereof, switch terminals and contact elements mounted in said box between the back wall thereof and said dead-front member, a cover hinged to said box, switch structure including contact blades mounted on said cover but detachable therefrom by external means on the outside thereof and when attached to said cover movable therewith to cause said blades to engage said contact elements, said dead-front member having narrow slots therethrough to receive said blades when the cover is swung shut, and a flange projecting from the inner face of said cover member to telescope with the box walls so as to cut off access to said switch structure before said blades move into contact with said terminals.

2,128,649

THERMIONIC VALVE CIRCUITS

Rupert Ivor Kinross, London, and Walter John Brown, Uxbridge, England, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England, a company of Great Britain

Application September 21, 1937, Serial No. 164,850
In Great Britain June 13, 1936
6 Claims. (Cl. 250—20)



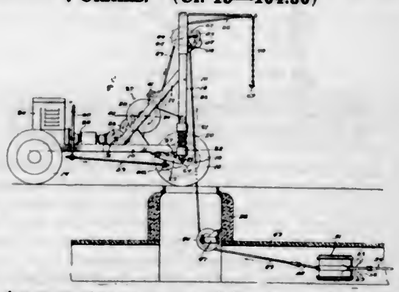
1. In a superheterodyne receiver of the type comprising a frequency changer tube provided with an oscillator section, a signal input grid, an output electrode and a common cathode, a signal input network coupled between the said grid and cathode, a network tuned to a local oscillation frequency operatively associated with said oscillator section, means for adjusting the potential difference between the grid and cathode, an inductive reactance disposed in the tube space current path and connected to said cathode, said reactance having a magnitude sufficient to prevent frequency drift of said oscillation network upon adjustment of said potential difference.

2,128,650

SEWER CLEANER

Arthur T. Knoerzer, Chicago, Ill., assignor to Champion Corporation, Hammond, Ind., a corporation of Indiana

Application August 13, 1936, Serial No. 95,865
7 Claims. (Cl. 15—104.30)



1. A sewer cleaner, comprising in combination a frame, supporting wheels therefor, spring connections between the frame and wheels, a motor mounted on the frame, a windlass drum mounted on the frame, driving connections between the motor and windlass drum, including a clutch, a cable wound upon said drum and leading downward from the apparatus, and clutch releasing mechanism having an actuating member operated by the frame, when depressed under excessive strain on the cable.

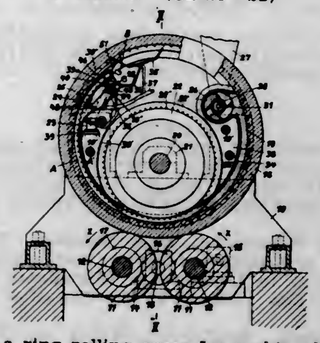
6. In a sewer cleaner, the combination of a windlass having a winding drum and level-wind mechanism, a sheave, a cable wound upon said drum and running therefrom through the level-wind mechanism and trained over said sheave, and a tension device comprising a sheave against which the cable exerts pressure when the cable is taut and means to move said sheave towards the first mentioned one when slack occurs in the cable, whereby to bend the cable partly around the first mentioned sheave and thereby prevent slack in the cable from passing to the drum.

2,128,651

RING ROLLING PRESS

Heinrich Köhler, Magdeburg-Gross-Ottersleben, Georgshohe, Germany

Application May 12, 1936, Serial No. 79,359
In Germany May 14, 1935
9 Claims. (Cl. 25—21)



1. In a ring rolling press for making briquets, in combination, a frame, rollers arranged in said frame, means for rotating said rollers, a pressing ring supported by said rollers and having a circumferential groove at its inside surface, a pressing roller eccentrically arranged within said pressing ring, the periphery of the roller lying entirely within the inner circumference of the ring, said roller partially projecting into the groove of the pressing ring, teeth provided on the convex surface of the pressing roller, means for charging material into the groove of said pressing ring, means for removing the pressed material from the said groove, means for breaking the pressed material into individual briquets, said means consisting of an arm pivoted at said frame, a spring adjustably secured to said frame and being adapted to support said arm, a rotary disc eccentrically pivoted at said arm, said disc supporting, by means of a ball bearing, a rotary sleeve, and means for rotating said disc.

2,128,652

TRANSPARENT COATED SHEET MATERIAL

Edouard M. Kratz and Eugene W. Moffett, Gary, Ind., and Erich Gebauer-Fuelnegg, Evanston, Ill., assignors, by mesne assignments, to Marbon Corporation, a corporation of Delaware

No Drawing. Application April 26, 1934,
Serial No. 722,510
6 Claims. (Cl. 91—68)

2. As an article of manufacture, a thin, moisture resistant, transparent, flexible, heat and pressure sensitive composite film adapted for use as a wrapping sheet, said composite film comprising a regenerated cellulose film surfaced on one side with a substantially optically indistinguishable thin, readily fusible, non-tacky skin of a composition essentially comprising a rubber hydrochloride.

2,128,653

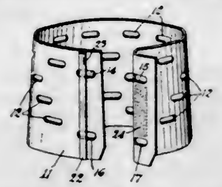
BASKET LINER

David O. Lane, Fort Valley, Ga.

Application October 22, 1937, Serial No. 170,414
16 Claims. (Cl. 217—3)

1. A basket liner comprising a sheet of relatively thin, flexible, smooth material, means for

holding the ends thereof in overlapping relation, and means associated therewith for frictionally



resisting relative longitudinal displacement of said ends, said means including a sand paper-like coating associated with one end of the liner.

2,128,654

SOLUTIONS OF VULCANIZED RUBBER IN ORGANIC SOLVENTS OF FINE COLLOIDAL UP TO MOLECULAR DISPERSION AND THE PROCESS OF MAKING THOSE SOLUTIONS

Nikolaus Lebedenko, Max Naphtali, Nicolaus Kroll, and Hermann Meyer, Berlin, Germany, assignors to Commercial Ingredients Corporation, New York, N. Y., a corporation of New York

No Drawing. Application March 14, 1933, Serial No. 660,694. In Germany March 15, 1932
5 Claims. (Cl. 18—50)

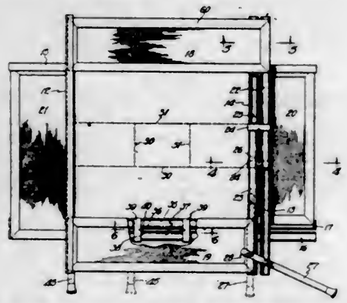
1. The method of producing a dispersion of vulcanized rubber, comprising dissolving the rubber in a solvent containing unsaturated organic compounds capable of absorbing sulphur, and while maintaining the solution in an alkaline condition, heating the mixture to produce vulcanization of the rubber.

2,128,655

X-RAY APPARATUS

Howard Linke and Wilmer M. Priest, New York, N. Y.

Application March 2, 1937, Serial No. 128,591
5 Claims. (Cl. 250—34)



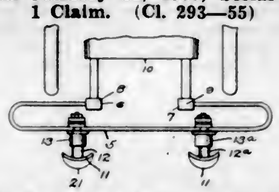
3. In apparatus of the class described, a rectangular frame, two adjacent sides of which are each formed of a single channel iron with its open side disposed inwardly of the frame and two adjacent sides, each of which is formed of two channel irons having their open sides disposed in a plane at right angles to the open sides of the channel irons of the first mentioned two adjacent sides of the frame, a screen mounted at each side of the frame, said screens being slidably mounted in said channel irons, and means for moving opposed screens simultaneously inwardly and outwardly of the frame.

2,128,656

SHOCK ABSORBER ATTACHMENT FOR BUMPERS

Joseph P. Long, New York, N. Y.

Application January 11, 1935, Serial No. 1,328
1 Claim. (Cl. 293—55)



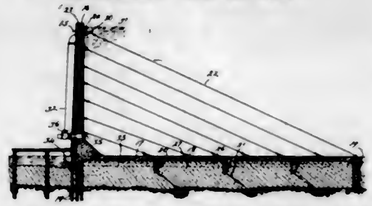
A shock absorbing attachment for the bumper rail of an automotive vehicle, consisting of two pairs of oppositely directed telescoping cylinders, provided with inner expansion springs and with expansion-limiting means; a common bottom plate for the two cylinders nearer to the bumper rail, said bottom plate crossing vertically in front of the bumper rail; two clamp-forming bars crossing in front of and behind the bumper rail respectively and adapted to be pressed together so as to be secured to the bumper rail; two screw-threaded fastening bolts passing above and below the bumper rail respectively through the said bottom plate and through the two clamping bars; a common bottom plate for the two cylinders remote from the bumper rail; and an impact receiving thrust-head on the last said bottom plate.

2,128,657

DAM

Julius D. Madaras, Detroit, Mich.

Application April 10, 1933, Serial No. 665,450
Renewed December 28, 1936
12 Claims. (Cl. 61—33)



1. In a dam installation, an upright wall forming an obstruction for a stream and having a slab extending from the upstream side thereof at the lower end of the same whereby the weight of the water on the slab resists the overturning force exerted on the wall by the water, and means for resolving the overturning moment into different force components including cables having the upper ends anchored to the wall and having the lower ends anchored at longitudinally spaced points in said slab.

2,128,658

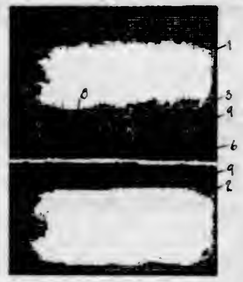
OPEN-MESH BAG

John E. Millett, Grand Rapids, Mich., assignor to Grand Rapids Fibre Cord Co., Grand Rapids, Mich.

Application April 13, 1936, Serial No. 74,075
1 Claim. (Cl. 139—383)

An all open mesh bag for produce or the like having one side at least formed of a plurality of parallel strands spaced relatively far apart and having interwoven therewith and at right angles thereto a group of parallel strands of the same size and color as said first mentioned strands

and spaced relatively far apart, and another group of parallel strands of the same size as said first mentioned strands but of a contrasting color spaced apart but relatively closer together than



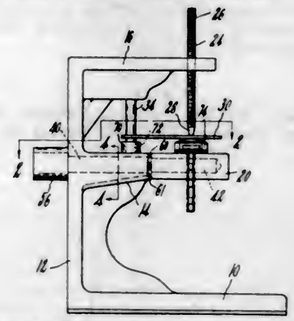
the other strands to form on said side of the bag a portion of relatively coarse mesh and a band of relatively finer mesh of a contrasting color and with a legend printed on said band.

2,128,659

PRESS FOR WATCH CRYSTALS

Henry A. Mintz, Norwood, Mass.

Application February 16, 1937, Serial No. 126,007
4 Claims. (Cl. 81—6)



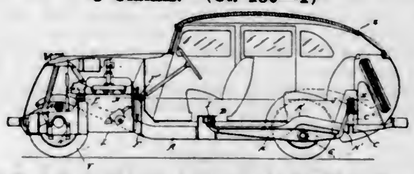
1. A device of the class described, comprising a platform, heating means within said platform, an auxiliary support member of heat-conducting material movable on and off said platform, a press-plate above said platform, and means for pressing said press-plate toward said platform.

2,128,660

MOTOR VEHICLE

Alfred Moorhouse, Detroit, Mich.

Application November 15, 1933, Serial No. 698,202
3 Claims. (Cl. 180—1)



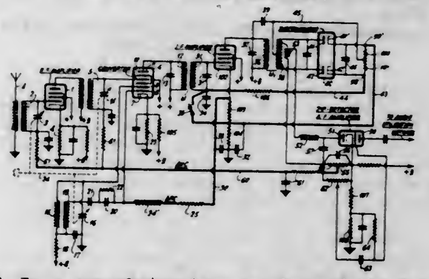
1. In a motor vehicle, the combination with a pair of wheeled axles, of a power unit having a spring support on one of said axles and a driving connection with the wheels thereof, a frame pivotally connected to said power unit for relative rotation about a longitudinal axis and a transversely extending leaf spring forming a connection between said frame and the other axle, said spring and pivotal connection being arranged substantially in line with the center of gravity of the mass supported by the frame and said spring being substantially straight under normal load and forming an unyielding lateral thrust connection between said frame and axle.

2,128,661

AUTOMATIC FREQUENCY CONTROL SYSTEM

Garrard Mountjoy, Manhasset, N. Y., and Dudley E. Foster, South Orange, N. J., assignors to Radio Corporation of America, a corporation of Delaware

Application July 3, 1937, Serial No. 151,794
14 Claims. (Cl. 250—20)



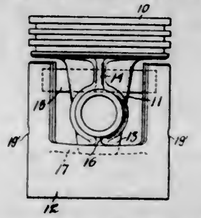
1. In a superheterodyne receiver of the type employing a local oscillator circuit provided with a tank network having means for tuning it over a desired wide frequency range, said circuit including a tube provided with a cathode, anode and control grid electrode, said anode and grid electrode being reactively coupled, and said tank network being connected between said anode and cathode, means for varying the direct current potential of the oscillator grid electrode, resistance and reactance elements connected in the oscillator grid circuit, and said elements being so chosen as to vary the frequency of the oscillator tank network in response to variations in said direct current potential.

2,128,662

PISTON

Adolph L. Nelson, Detroit, Mich., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich.

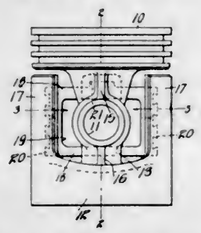
Application June 8, 1925, Serial No. 35,703
Renewed May 6, 1938
2 Claims. (Cl. 309—13)



1. A piston comprising a head, piers depending from the head and carrying piston pin bosses, a skirt of light-weight material having a relatively high rate of thermal expansion comprising a lower ring-like part and thrust faces extending upwardly from the ring-like part at opposite sides of the skirt, the upper ends of the thrust faces being separated from the head by slots, the ring-like part extending without interruption from one thrust face to the other below

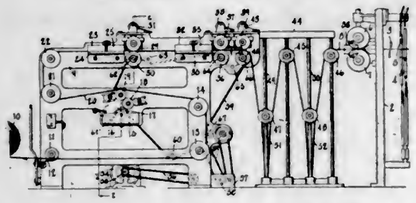
each pin boss, a tie extending downwardly and radially from each pin boss to the ring-like part, said ties being homogeneous with the pin bosses and with the ring-like part, and struts of material having a lower rate of thermal expansion than the skirt material, the struts extending approximately at right angles to the axis of the piston pin bosses and having their opposite ends buried in the thrust faces and their middle parts engaged by the material of the piers.

2,128,663
PISTON
Adolph L. Nelson, Detroit, Mich., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich.
Application June 22, 1925, Serial No. 38,826
Renewed May 6, 1938
12 Claims. (Cl. 309—13)



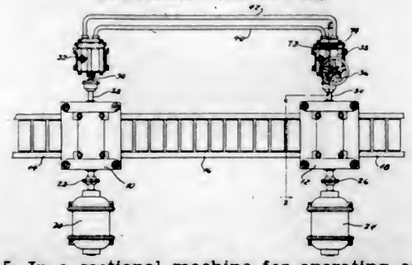
1. In a piston, a skirt having upward extensions, a head with integral piston pin bosses, struts having openings surrounding the piston pin bosses said struts having interlocking connections at their ends with the extensions of the skirt, and limbs above and below the bosses for the piston pin the lower limbs being movable relatively to the piston pin bosses, substantially as set forth.

2,128,664
METHOD OF PRODUCING IMITATION REED FABRIC
Wade E. Sackner and John E. Millett, Grand Rapids, Mich., assignors to Grand Rapids Fibre Cord Company, Grand Rapids, Mich.
Application April 6, 1936, Serial No. 72,972
4 Claims. (Cl. 139—1)



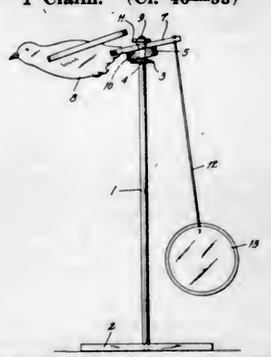
1. The method of producing imitation reed fabric comprising moistening and feeding a paper strip, folding the edges of said paper strip substantially half way to the center line of the strip, folding the folded edges to meet at the center line of said strip, forming the folded strip to produce a concavo-convex cross section with the meeting folded edges on the concave side thereof, and feeding said strips to a shooter loom as weft strands while the strips are still moist and closely interweaving said concavo-convex strips with warp strands whereby the warp strands retain said strips in their concavo-convex form in the fabric produced.

2,128,665
POWER TRANSMISSION
Edward A. Thompson, Waterbury, Conn., assignor to The Waterbury Tool Company, Waterbury, Conn., a corporation of Connecticut
Application June 30, 1936, Serial No. 88,121
13 Claims. (Cl. 80—35)



5. In a sectional machine for operating on a continuous strip of material, a drive therefor comprising in combination a first prime mover drivingly connected to one section of the machine, a second prime mover drivingly connected to a second section of the machine, and a hydraulic variable speed transmission interconnecting said sections whereby their relative speeds may be controlled independently of the normal speed at which the prime movers tend to drive each section, said transmission acting to control the relative speed of said sections solely through its driving connections thereto.

2,128,666
TOY
Robert McCall Trexler, Fenton, Mo.
Application October 10, 1936, Serial No. 104,944
1 Claim. (Cl. 46—53)

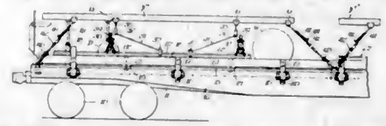


A toy comprising a supporting standard, a principal object in the form of a weathervane carried by said standard, a supporting member for said principal object, said supporting member forming a part of said object, a depending weight fixed to the end of said supporting member opposite to the object, and a connection between the supporting member and the supporting standard for permitting oscillation and rotation of the principal object.

2,128,667
TRANSPORTATION APPARATUS
Howard B. Atherton, Chicago, Ill., assignor to Patrick H. Joyce and Luther M. Walter, as trustees of Chicago Great Western Railroad Company, a corporation of Illinois
Application August 13, 1936, Serial No. 95,755
7 Claims. (Cl. 105—368)

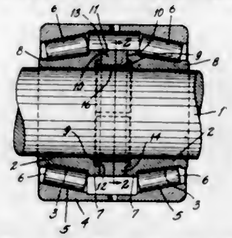
1. Apparatus for transporting wheeled vehicles

comprising an under-frame having side sills, a deck carried on said under-frame, guard rails detachably fixed to said side sills and extending longitudinally along and above the lateral marginal portions of said deck, anchor rails fixed to said guard rails and extending longitudinally



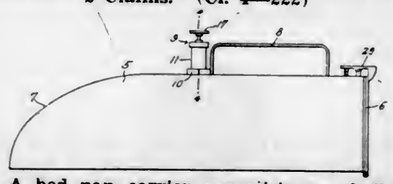
thereof, anchor members retentively engaged with said anchor rails and adjustable longitudinally thereof, and flexible connecting devices attached to said anchor members and adapted to extend inwardly and upwardly for attachment to the under frame of a vehicle supported on said deck.

2,128,668
DOUBLE ROW ROLLER BEARING
John B. Baker, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application May 13, 1937, Serial No. 142,367
4 Claims. (Cl. 308—214)



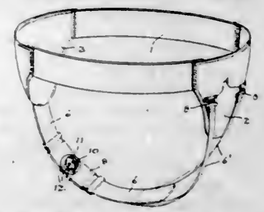
1. A double row roller bearing comprising an integral outer bearing member having two raceways, separate inner bearing members each having a raceway opposed to one of said raceways, rolling elements between the opposed raceways, a segmental spacer member between said inner bearing members and a split ring holding said spacer member in place, said inner bearing members having recesses around the inner peripheries of their opposed end faces and said spacer member having ribs extending into said recesses.

2,128,669
SANITARY BED PAN CONTAINER
Charles W. Beamer, Mojave, Calif.
Application November 23, 1937, Serial No. 176,130
2 Claims. (Cl. 4—222)



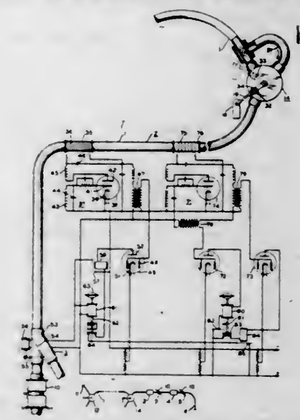
1. A bed pan carrier comprising a shell-like structure defining a compartment for the reception of a bed pan, said shell-like structure having a horizontal partition dividing the interior thereof into a pair of compartments capable of receiving a pair of bed pans, and a deodorant dispenser mounted on the shell-like structure and having a plurality of deodorant material containing cells therein.

2,128,670
HEMORRHOIDAL AND RECTAL SUPPORT
Walter Bolder, Mount Dennis, Ontario, Canada, assignor to Ralph Roland Spicer, Toronto, Ontario, Canada
Application September 25, 1936, Serial No. 102,508
In Canada April 9, 1936
5 Claims. (Cl. 128—98)



1. A hemorrhoidal and rectal support having in combination a resilient element formed of a solid strip of gum rubber having an annular bead formation of substantial sector shape in cross section projecting promimently thereabove for direct contact about the anus, said bead formation presenting an open socket adapted to hold a pad of absorbent or medicated material in direct contact with the anus and to receive secretions, and means for supporting said resilient element in pressure contact with the rectal region.

2,128,671
SYSTEM OF SELECTOR CONTROL FOR CARRIER CONVEYERS
Adam Drenkard, Jr., Grantwood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application May 27, 1935, Serial No. 23,764
12 Claims. (Cl. 243—16)



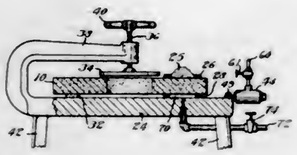
1. In carrier conveyer system, a single carrier path communicating with a pair of carrier paths along either of which carriers may be directed, a movable deflector disposed at the juncture of said paths to normally direct the carriers from said single path into one of said pair of paths, selective means for moving said deflector into position to direct predetermined carriers into the other of said paths, said selecting means including control means responsive to said latter carriers and disposed ahead of said deflector a distance at least equivalent to that traversed by a carrier during the time required for the selective means to move the deflector into its selected

position and means coordinated therewith for restoring the deflector to normal a predetermined time after said required time has elapsed, and detecting means responsive to all carriers, said detecting means being disposed also ahead of the deflector a distance not substantially less than the selective means and having means for rendering the selective means ineffective when the next succeeding carrier after the detecting means has responded arrives within said required time.

2,128,672
PRINTING INK
Albert E. Gessler, Yonkers, N. Y., assignor, by mesne assignments, to Interchemical Corporation, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application March 17, 1934, Serial No. 716,178
1 Claim. (Cl. 134—35)

A printing ink adapted for printing presses having rollers of the glue, glycerine and water type, which is substantially non-drying on the press at ordinary temperatures and dries rapidly at 150° C., consisting of coloring matter dispersed in an organic viscous vehicle consisting of a liquid component and a solid component—being a member of the group consisting of natural and synthetic resins and cellulose compounds—dissolved in the liquid component in sufficient quantity to give the ink the consistency of an ordinary printing ink, in which the major part of the liquid component is diethylene glycol monobutyl ether acetate.

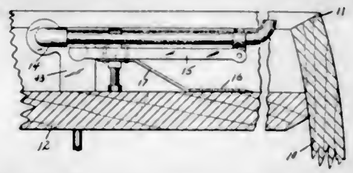
2,128,673
METHOD OF AND APPARATUS FOR BALANCING A GRINDING WHEEL
Andrew B. Holmstrom and Oscar Wahlberg, Welwyn Garden City, England, assignors to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application August 11, 1937, Serial No. 158,582
4 Claims. (Cl. 51—278)



2. The method of balancing a grinding wheel comprising the steps of determining approximately the location of the light weight portion of the wheel, placing a balancing powdered material on that light weight portion and exhausting the air from said portion and causing the powder to penetrate the wheel pores and become lodged therein.

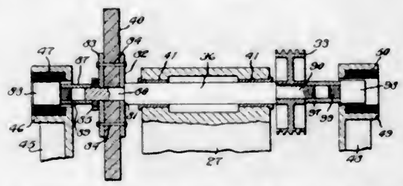
2,128,674
FAUCET SEALING DEVICE
Henry Hughes, Toronto, Ontario, Canada, assignor to James Morrison Brass Manufacturing Company Limited, Toronto, Ontario, Canada, an incorporated company
Application October 5, 1936, Serial No. 104,059
1 Claim. (Cl. 225—5)

A faucet for liquid containers comprising a housing mountable on the wall of a keg, a swivel spigot secured in said housing, a valve operating handle attached to said housing, and means permanently attached to said handle for sealing the handle to a wall of said keg, said means comprising a plate engageable with the wall when said



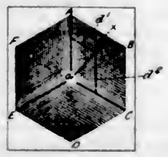
handle is in closed position and an arm uniting said plate to said handle and moveable therewith, said plate being adapted to break and mutilate a seal when said handle is moved in any direction.

2,128,675
GRINDING WHEEL RECIPROCATING MECHANISM
Herbert S. Indge, Westboro, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application May 13, 1937, Serial No. 142,344
4 Claims. (Cl. 51—50)



3. In apparatus of the class described, an abrasive wheel, a spindle therefor, a pair of solenoids, a pair of cores, two of said last mentioned four parts being attached to the spindle and rotating with it, the other two of the said last mentioned four parts being relatively stationary, a commutator to control the energization of the solenoids, and means to vary the speed of rotation of the commutator whereby to vary the frequency of vibration of the abrasive wheel.

2,128,676
COLOR CHART AND METHOD OF MAKING THE SAME
Herbert E. Ives, Upper Montclair, N. J., assignor to Interchemical Corporation, Cincinnati, Ohio, a corporation of Ohio
Application December 7, 1935, Serial No. 53,303
16 Claims. (Cl. 41—6)



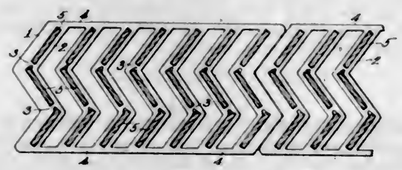
1. A color chart comprising a regular hexagon having along its periphery a graduated series of pure colors varying regularly in hue, and along its radii graduated series of colors of the same hue varying regularly in strength, and three reference lines extending from the center of the hexagon to equally spaced corners thereof so that

the relation between the distances from any point on the chart to the two nearest reference lines, measured parallel to adjacent sides of the hexagon, indicates the proportions in which pigments of the colors at the outer ends of said two reference lines should be mixed to produce the color at said point.

2,128,677
DRAWING OF GALVANIZED WIRE
Frank Jenks, Port Waratah, Newcastle, New South Wales, Australia, assignor to Rylands Brothers (Australia) Limited, Port Waratah, Newcastle, New South Wales, Australia, a corporation of New South Wales
No Drawing. Application May 22, 1937, Serial No. 144,303. In Australia July 14, 1936
3 Claims. (Cl. 205—21)

1. A multistage process of drawing steel wire which is coated with zinc or zinc alloy, consisting in applying dry or plastic lubricants to the wire only in the drafts preceding the final draft or drafts, and in the final draft stage or stages applying to the wire a fluid which has a solvent or softening action on the surface film of discolored lubricant which has adhered to the wire in the earlier lubricating drafts so as to procure removal of the said film in the final drawing stage or stages.

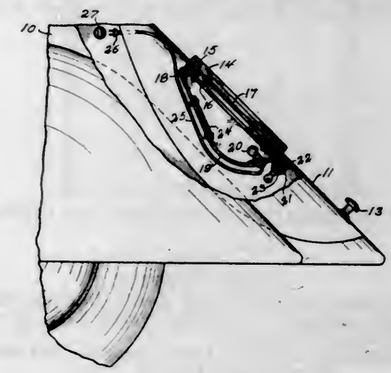
2,128,678
WATER ELIMINATOR FOR COOLING TOWERS
Waldo R. Kell, Kansas City, Mo., assignor to The Marley Company, Kansas City, Mo., a corporation of Missouri
Application September 15, 1937, Serial No. 164,003
3 Claims. (Cl. 183—75)



1. A cooling tower having an open upper end and provided along two of its opposite sides with supporting shoulders, said open end of the tower being closed by a water eliminator comprising a plurality of vertically spaced horizontal rows of slats spanning the tower from shoulder to shoulder with the lowermost row of slats resting on the tower shoulders, and a series of plates having zigzag arranged openings through which the slats are loosely threaded to provide tortuous passageways, the plates being spaced longitudinally along the slats and out of direct contact with the cooling tower structure.

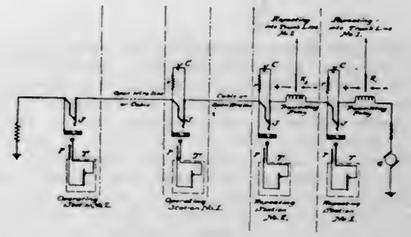
2,128,679
ILLUMINATED LICENSE PLATE HOLDER
Valeria E. Kielian, Silver Creek, Nebr.
Application July 26, 1937, Serial No. 155,732
5 Claims. (Cl. 40—132)

1. A license plate holder for automobiles comprising a frame having a transparent pane therein and adapted to be mounted in the rear wall of an automobile body, a hood hinged upon the inner side of said frame and adapted to carry therein a license plate facing the transparent pane in said frame, and a source of illumination mounted in one end of the hood in an angularly forward position with respect to the license plate for re-



flecting the surface characters on said plate through said transparent pane.

2,128,680
SHAPING SIGNALS IN SINGLE CURRENT TELEGRAPH CIRCUITS
George G. Light, Kew Gardens, N. Y., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application July 13, 1936, Serial No. 90,397
2 Claims. (Cl. 178—70)

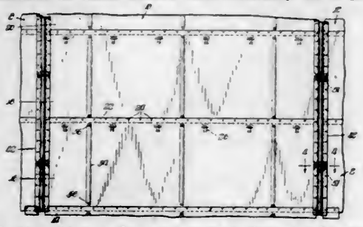


1. A single current signaling circuit comprising a plurality of operating stations located at various points in said circuit and a repeating station, signal transmitting devices at said operating stations, a repeater embodying a transmitting relay at said repeating station having contacts adapted to repeat signals into a trunk line, and a signal shaping network at each station which is connected in shunt to the corresponding transmitter when said transmitter is inserted in said circuit, the electrical constants of each network being so adjusted that signals transmitted from each of said stations cause unbiased signals to operate said relay.

2,128,681
FACING FOR RETAINING STRUCTURES AND METHOD OF FORMING SAME
Richard T. Logeman, Chicago, Ill.
Application December 16, 1937, Serial No. 180,235
13 Claims. (Cl. 61—30)

1. A facing for retaining structures comprising a sheet of relatively thin flexible material having a plurality of zones each provided with means

substantially normal to one another for the movement of said zones individually in a plural-



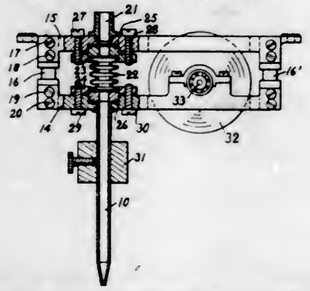
ity of directions due to expansion and contraction.

2,128,682

CONTROL DEVICE

Gert Zoege von Manteuffel, Berlin-Dahlem, Germany, assignor to Askania-Werke A. G., a corporation of Germany

Application June 11, 1937, Serial No. 147,794
In Germany June 15, 1936
6 Claims. (Cl. 299—73)



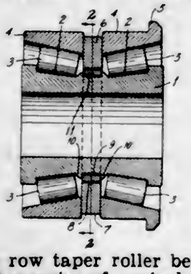
1. Control device comprising in combination, a fixed support; a movable member; means including at least one flat spring for tiltably mounting said member on said support; a controlling member connected to said movable member for exerting a controlling force on the same; a jet-pipe mounted on said member and adapted to discharge pressure fluid into reception orifices; and a sylphon conduit between the jet-pipe and the support for supplying pressure fluid to the same, whereby a loss of pressure fluid to the movable jet-pipe is prevented and the spring-action of the sylphon tends to maintain the jet-pipe in a normal position.

2,128,683

DOUBLE ROW ROLLER BEARING

Harry R. Slusser and John B. Baker, Canton, Ohio, assignors to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application November 10, 1937, Serial No. 173,756
5 Claims. (Cl. 308—214)



1. A double row taper roller bearing comprising two annular series of conical rollers, a separate bearing cup for each series of rollers, said cups having their opposed ends spaced apart, an inner bearing cone having raceways for said rollers tapering towards the middle of the bearing and having a central peripheral groove, a C-shaped spacing and positioning washer between the opposed ends of said cups and means disposed in said cone groove and cooperating with said C-shaped member for holding it in place.

2,128,684

CHRYSENE CARBOXYLIC ACIDS AND A PROCESS OF PREPARING THEM

Heinrich Vollmann, Frankfort-on-the-Main-Hochst, and Hans Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application August 14, 1935, Serial No. 36,212. In Germany August 18, 1934
8 Claims. (Cl. 260—515)

4. As a new product a chrysene-2-carboxylic acid compound containing in the 8 position a radicle of the group consisting of carboxyl, hydroxyl and amino.

2,128,685

CARBON AND GUM REMOVER

Wallace J. Yates, Martinez, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application November 23, 1936, Serial No. 112,297
3 Claims. (Cl. 87—5)

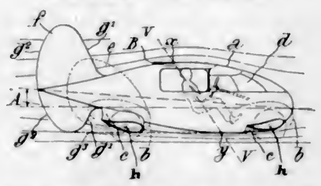
1. A composition of matter for the removal of carbon deposits from internal combustion engines comprising by volume approximately 42 parts liquid sulfur dioxide soluble portion of volatile petroleum hydrocarbon oil, 40 parts lubricating oil obtained from petroleum, 4 parts alkali metal soap of oleic acid, 12 parts liquid aliphatic alcohol and 2.5 parts water.

2,128,686

STREAMLINED AUTOMOBILE VEHICLE

Jean Edouard Andreau, Paris, France, assignor to The Society "S. E. B. A. Societe Anonyme d'Exploitation de Brevets d'Automobiles", Glaris, Switzerland, a society of Switzerland

Application May 22, 1935, Serial No. 22,867
In Belgium May 25, 1934
4 Claims. (Cl. 296—1)



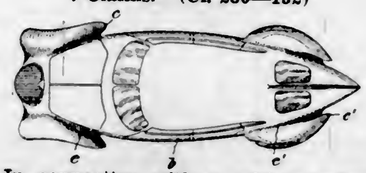
1. A land vehicle of the type described, comprising a streamlined body of a longitudinal vertical cross section which normally produces a lift at a positive angle of attack, and wheels for normally supporting said body at a fixed angle with respect to the ground substantialy equal to the algebraic sum of the zero lift angle of incidence of the body in free air and an additional angle equal to the angle of incidence which gives a zero effect with respect to the lift caused by the vicinity of the ground, said last angle being constant for all speeds of the vehicle.

2,128,687

STREAMLINED VEHICLE

Jean Edouard Andreau, Paris, France

Application October 10, 1936, Serial No. 105,136
In Belgium October 17, 1935
7 Claims. (Cl. 280—152)



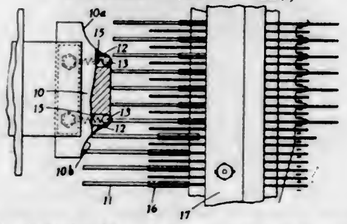
6. In connection with a vehicle including a streamlined body and front wheels, a fairing for each of these wheels which has a rear edge standing out from said body and deviating outwardly with respect to the direction of the vertical axial plane of the vehicle and, at least in the rear part of said fairing, concave curved walls joining the top and bottom of said fairing proper with said body so as to form grooves between the fairing proper and said body, one of said grooves opening upwardly and the other downwardly.

2,128,688

KNITTING MACHINE

George Ball, Nuthall, England, assignor to Aristoc Limited, Nottinghamshire, England

Application October 11, 1937, Serial No. 168,462
In Great Britain October 12, 1936
9 Claims. (Cl. 66—110)



1. A straight bar knitting machine such as a Cotton's Patent machine embodying a row or series of loop-forming sinkers, a slur-cock adapted to be traversed relatively to said sinkers so as to impart thereto a loop-forming movement, and an abutment functioning to limit said movement, and said slur cock having a spring-pressed member at the front corner or termination of an inclined or bevelled portion functioning to impart resilient pressure to the sinkers at the end of their loop-forming movement.

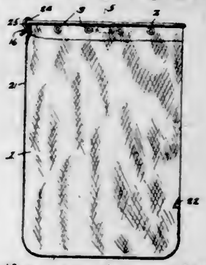
2,128,689

MAIL POUCH

Francis Joseph Bingham, Los Angeles, Calif.

Application April 23, 1937, Serial No. 138,650
1 Claim. (Cl. 150—15)

In a device of the class described, a container having a side opening and an end mouth, the container being provided at a distance below the mouth with inwardly projecting flaps, a separable fastener carried by the inner portions of the flaps and constituting means for holding the flaps together, a separable fastener constituting means for closing the side opening, a keeper secured to the inner surface of the container above the flaps and having an opening, a keeper secured to the outer surface of the container and having an opening, tongues pivoted to the slides and having openings receiving the keepers, and a bridge straddling the edge of the container at the mouth, the bridge comprising first and second arms, the first arm having an opening, the opening in the first arm being shaped to receive either



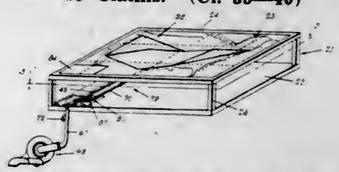
keeper, and the second arm being insertible through either keeper, whereby the bridge may be turned end for end, to dispose the first arm either inside the container or outside of the container.

2,128,690

PNEUMATICALLY OPERATED EDUCATIONAL GAME

Minnie L. Burke and Richard J. Burke, Altadena, Calif.

Application March 23, 1935, Serial No. 12,600
19 Claims. (Cl. 35—40)



1. In a pneumatically operated game, a frame comprising an operating surface, a map, means for disengageably supporting said map above and substantially parallel to said surface, said map having a multi-directional slot therein interconnecting predetermined localities on said map, means providing a pair of spaced nozzles below said map, means rotatably and movably supporting said nozzles upon said surface, means accessible at one side of said frame for turning said nozzles to aline them with a selected portion of said slot, means accessible at one side of said frame for moving said nozzles upon said surface and for controlling the direction of such movement, means for supplying fluid to said nozzles to produce jets issuing upwards therefrom, and a body simulating an aircraft in miniature adapted to be supported in said jets above said map when said nozzles are positioned to direct their jets through said slot and to be advanced over said map when said nozzles are moved along said slot.

2,128,691

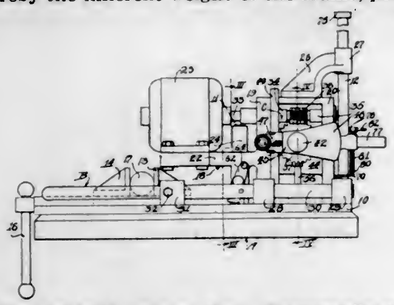
SAW

Edwin de Haven Caldwell, Fredonia, N. Y., assignor to Mohawk Equipment Corporation, a corporation of Illinois

Application March 11, 1936, Serial No. 68,163
10 Claims. (Cl. 29—73)

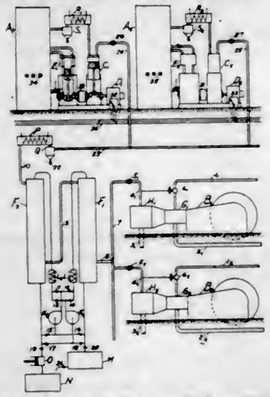
1. A saw comprising a stationary upright guide member, a frame arranged for raising and lowering movement on said guide member, a reciprocable saw blade carried by said frame, power means for driving said blade carried by said frame, and means carried by said frame operable to alternately grippingly engage said guide member to raise said frame, power means and blade

as a unit, and disengage the guide member, whereby the inherent weight of the frame, power



means and blade moves them downwardly as a unit.

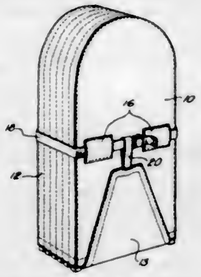
2,128,692
METHOD AND APPARATUS FOR SEPARATING AIR
William Lane De Baufre, Lincoln, Nebr.
Application August 8, 1935, Serial No. 35,351
33 Claims. (Cl. 62—175.5)



1. Method of separating air into components by cooling and rectifying said air in multiple portions which includes compressing said air to a higher pressure, withdrawing multiple portions at said higher pressure, maintaining the mass flow of each portion substantially constant, further compressing each portion, and expanding part of each portion to furnish refrigeration necessary in cooling and rectifying such portion.

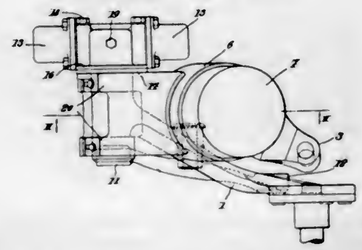
2,128,693
CHAIR SACK
Thomas J. Dowd, Buffalo, N. Y.
Application April 13, 1937, Serial No. 136,624
2 Claims. (Cl. 150—52)

1. A chair sack comprising a fabric bag having an open end and substantially rectilinear front, rear, and side walls, a closed end adapted to conform to the configuration of the tops of chairs disposed therein, the relative dimensions of the length and width of the sack with respect to the chairs being such that the feet of the chairs may project slightly beyond the open end of the sack, whereby a plurality of chairs positioned in the sack may stand upright on their own closely spaced feet, an extension flap formed contiguous with one of said walls adjacent the open end, said flap being of such length as to overlie the open end and extend up the opposed side wall, whereby said chairs are covered except for the said projecting feet, a transverse securing strap positioned around said front, rear, and side walls,



means on the strap ends for securing the strap in encircling position, and means on the end of the flap adapted to engage the strap adjacent its secured ends to hold said flap in tight position over the open end of the sack.

2,128,694
ELASTIC SUSPENSION SYSTEM FOR VEHICLES
André Dubonnet, Neuilly-sur-Seine, France
Application March 27, 1936, Serial No. 71,325
In Belgium March 11, 1936
12 Claims. (Cl. 267—20)



10. In a vehicle provided with a frame and at least one member such as a wheel, a suspension system which comprises, in combination, two arms, the first of which is pivoted about a substantially vertical axis to said frame and the second is connected to said wheel, a spindle secured to said second arm, and a fork-shaped tubular part secured to said first arm adapted to engage said spindle so as to connect said arms pivotally together about a substantially horizontal axis, a shock absorber secured to one of the outer faces of said fork-shaped tubular part and actuated by said spindle and elastic means for keeping said arms in a predetermined relative position of rest against the action of the weight of the vehicle transmitted to said wheel through the suspension system.

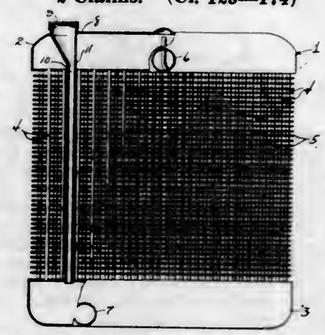
2,128,695
CORN PAD
Sylvan M. Edison, Chicago, Ill., assignor to Salem N. Baskin, Chicago, Ill.
Application March 22, 1937, Serial No. 132,429
1 Claim. (Cl. 128—153)

A pad for corns and other similar protuberant growths comprising a spiral of ribbon material and having a central opening in which to receive the growth, the convolutions of which are free to slide along each other to change the size of said central opening whereby to closely surround



growths of various sizes, and means to fix the size of the pad when applied.

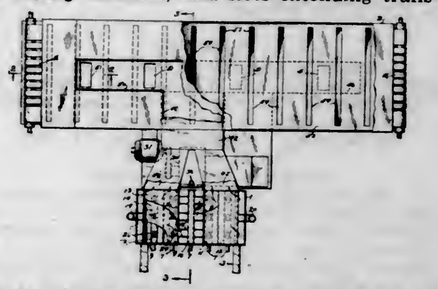
2,128,696
RADIATOR FILLER PASSAGE
Eric H. Engelhardt, Detroit, Mich.
Application March 8, 1937, Serial No. 129,772
2 Claims. (Cl. 123—174)



2. The combination of a radiator fashioned with upper and lower water chambers, cooling tubes connecting said chambers together, said upper and lower chambers having return and discharge pipes respectively, a water jacket of an engine having return and feed lines connected to said return and discharge pipes respectively, a thermostat within said return line for controlling the flow of water therethrough from said water jacket, and a quick filling device for filling said tubes and comprising a filling neck extending through said upper chamber and communicating with said lower chamber to permit a filling of said tubes from said lower chamber to preclude water from flooding said upper chamber and overflowing into said return line in advance of the filling of said tubes whereby to prevent actuation of said thermostat to closed position before water from said lower chamber influences such actuation thereby eliminating the formation of air pockets in said jacket and return line.

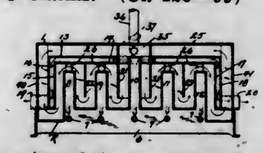
2,128,697
DRYING APPARATUS
Joseph Ettl, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Application May 22, 1936, Serial No. 81,251
4 Claims. (Cl. 34—12)

1. In apparatus of the class described including an external heater, a drier comprising in combination an inlet for admitting heated air from said heater to the drier, a partition in said drier dividing the drier into two compartments disposed in superimposed relation, said partition being provided with a plurality of slots, a screen adjacent each of said slots, thereby to provide an equalizing chamber and a drying chamber with the equalizing chamber immediately adjacent the heated air inlet, means for supporting articles in the drying chamber, said slots extending trans-



versely of the article supporting means, and means for circulating the heated air through said transverse slots and screens and past the articles carried by said supporting means.

2,128,698
DRYING APPARATUS
Joseph Ettl, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Original application May 22, 1936, Serial No. 81,251. Divided and this application February 20, 1937, Serial No. 126,755
3 Claims. (Cl. 126—99)



1. In apparatus of the class described, a heater comprising a combustion compartment, a plurality of vertically extending flues extending upwardly from the combustion compartment toward the top of said heater, vertically extending baffles between said flues, the spaces between said flues and baffles providing a staggered path for the passage of air through the heater out of contact with the products of combustion from the combustion compartment, spaced walls above said flues, conduits connecting said flues with the space between said walls, said space communicating with the exterior of the heater for the exhaust of products of combustion from said flues, the air after traversing said staggered path passing about said spaced walls to the exterior of said heater.

2,128,699
SEPARATION OF NITRANILINES
Robert Frye, Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application May 18, 1936, Serial No. 80,414
10 Claims. (Cl. 260—582)

1. The process of making para nitraniline relatively free from ortho nitraniline which comprises treating a mixture of ortho and para nitro chlor benzol to ammonolysis whereby to form the mixed isomers ortho and para nitraniline, subjecting the mixed isomers to the action of an aqueous caustic alkali solution at a temperature above 71.5° C. and below the decomposing temperature of said isomers whereby the caustic solution dissolves

ortho nitraniline, separating the solid undissolved matter and the caustic solution at a temperature in the range between 71.5° C. and 80° C., in which range para nitraniline is substantially insoluble in the caustic solution.

2,128,700

AMMONOLYSIS OF NITRO-PHENOLS

Robert Frye and Nils H. Vagenius, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application July 24, 1936, Serial No. 92,450

8 Claims. (Cl. 260—581)

5. The method of treating a phenol having a nitro group in the nucleus which is not in meta position to the hydroxyl group, which comprises subjecting said nitrophenol to the action of aqueous ammonia to replace the hydroxyl group by an amino group, in the presence of a salt selected from the group consisting of alkali metal formates and ammonium formate, whereby to minimize formation of carbon.

2,128,701

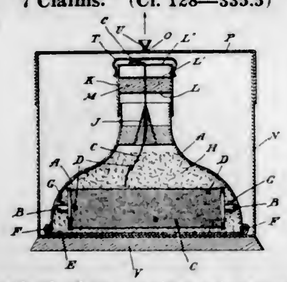
METHOD AND APPARATUS FOR PRESERVING STERILE SUTURE MATERIAL FOR MEDICINAL PURPOSES READY FOR USE

Ernst Gelinsky, Berlin, Germany

Application September 26, 1934, Serial No. 745,637

In Germany October 16, 1933

7 Claims. (Cl. 128—335.5)



1. A method of preserving suture material for medicinal purposes in a sterile state before and during use by storing the same in high molecular organic acid salts in solution which when cool solidify into a plastic mass.

2,128,702

GLAZING GLASS

Frederick Geistharp, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania

No Drawing. Application June 16, 1936, Serial No. 85,529

1 Claim. (Cl. 106—36.1)

A lime soda, high silica, substantially colorless and non-blooming sheet of glass comprising approximately 70 per cent of silicon dioxide, 7.5 per cent of potassium oxide, 15 per cent of calcium oxide, 1.1 per cent of antimony oxide, 0.1 per cent of aluminum and iron oxides and with a sodium oxide content of not more than 6.5 per cent by weight of the weight of the glass.

2,128,703

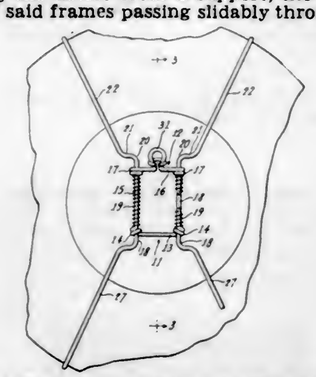
HANGER FOR PLATES AND OTHER ARTICLES

Walter J. Grandman, New York, N. Y.

Application March 19, 1937, Serial No. 131,854

1 Claim. (Cl. 248—30)

A device of the class described comprising a pair of oppositely disposed substantially U-shaped frames juxtaposed one against the other with the arms of said frames extending in opposite directions, loops formed on the ends of the yokes of said frames, said yokes and said arms forming a rectangular enclosure having said arms on opposite sides and said yokes at respectively the top and bottom, the top yoke of said yokes having an eyelet formed intermediate its width for suspending the device from a support, the arms of each of said frames passing slidably through said



loops of the other of said frames, coiled compression springs surrounding said arms between said yokes, all of said arms extending beyond said loops to form fingers, said fingers of each of said frames extending angularly divergently with respect to each other, hooks on the ends of said fingers, said arms of said yokes being bent at right angles at their extensions beyond said loops to form limit stops, said fingers being bent outward near their extremities to form recesses at the outer ends of said fingers.

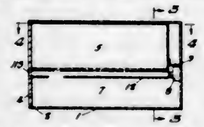
2,128,704

WALL SAFE

Fred Hall, Hamilton, Ontario, Canada

Application May 17, 1937, Serial No. 143,015

3 Claims. (Cl. 109—1)



1. In a safe, a sliding element, a safe door carried upon the sliding element, key actuated inter-engaging locking members positioned respectively on the sliding element and in the inner back portion of the safe entirely away from the door, a substantially tubular member carried upon the sliding element and extending rearwardly into the safe from an orifice in the door, and a removable key member insertable through the orifice in the door and through the tubular member to actuate the inter-engaging locking members.

2,128,705

APPARATUS AND PROCESS FOR THE MANUFACTURE OF HOLLOW BODIES

Fritz Bernhard Hatebur, Basel, Switzerland

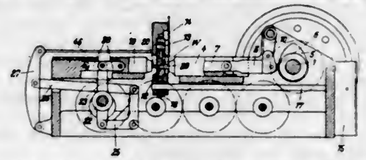
Application May 26, 1936, Serial No. 81,852

In Germany March 12, 1935

9 Claims. (Cl. 78—9)

1. In a press for the forging of deep cup-shaped bodies from a solid blank, in combination, a relatively stationary matrix having throughout the

major portion of its axial extent a cavity of the conformation of the outside surface of a body to be formed therein and a rearward extension of said cavity of a cross section corresponding to the cross section of a blank for said body, a reciprocating die fitting said extension, a second



reciprocating die fitting the upper end of said cavity, a mandrel conforming to the inside of said finished body, slidable in said second die and reciprocating in unison therewith during part of its stroke and individual means to reciprocate said dies and said mandrel into and out of the respective portion of said matrix.

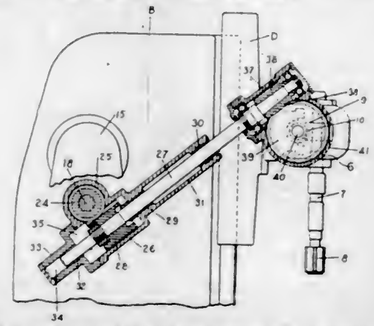
2,128,706

HONING MACHINE

Wilson P. Hunt and Daniel C. Eipper, Moline, Ill., assignors to Moline Tool Company, Moline, Ill., a corporation

Application October 25, 1937, Serial No. 170,821

5 Claims. (Cl. 51—34)



1. A machine of the class described, comprising a base, a support mounted thereon, a head mounted on said support to reciprocate, a gang of tool spindles carried by said head, and each provided with a gear member, a worm-gear pinion supported in proximity to said spindles, and in engagement with said gear members, a shaft rotatably mounted in parallel relation with said worm-gear pinion, a worm gear wheel on the said shaft, means for rotating said shaft, a shaft mounting, a transmission shaft supported in said mounting for rotation and sliding movement therein, a worm gear pinion on said transmission shaft, and movable therewith, and connections between said transmission shaft and first-named worm-gear pinion to impart the rotation of the shaft thereto.

2,128,707

APPARATUS FOR CALCULATING TICKET PRICES

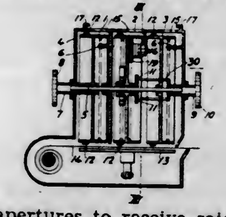
Karl Albin Abraham Johanson, Stockholm, Sweden

Application June 17, 1936, Serial No. 85,677

In Sweden September 19, 1935

1 Claim. (Cl. 235—31)

A device for calculating ticket prices comprising a plurality of coaxial rotary indicators, one of which constitutes a station indicator and has station-indicating indices thereon and another of which constitutes a price indicator and has price-indicating indices thereon, a rotary operating member situated coaxial with said indicators and movable in the direction of its axis, said member having at its inner end a forked portion, the arms of which extend through apertures in and project beyond said station indicator, said price indicator having a hub portion pro-



vided with apertures to receive said arms when the operating member is moved axially whereby the price indicator is coupled to the station indicator, a spring acting on the price indicator and tending at all times to return it to zero position, and a spring-actuated detent acting on the station indicator and operating to hold it as well as the price indicator when the latter is coupled thereto in any position in which they may be set.

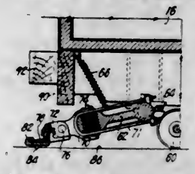
2,128,708

ANCHORABLE REFRIGERATOR

William F. Kirk and John M. Kirk, Kansas City, Mo.

Application May 12, 1937, Serial No. 142,204

8 Claims. (Cl. 248—119)



1. In a refrigerator of the character described and for the purpose specified, having a case and rollers on the case rendering the same mobile along a supporting floor, the combination of anchoring structure comprising members swingably carried by the case therebeneath; floor-engaging elements; and a spring coupling together said swingable members and said floor-engaging elements.

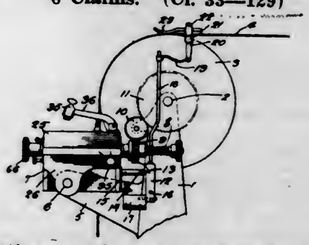
2,128,709

CLOTH MEASURING AND YARDAGE PRINTING DEVICE

Hans H. Kramer, Passaic, N. J.

Application March 2, 1937, Serial No. 128,668

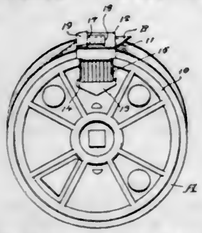
6 Claims. (Cl. 33—129)



1. Cloth measuring and yardage printing device comprising a measuring unit including a roll en-

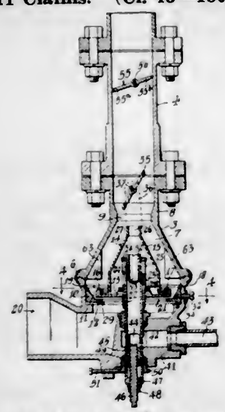
gaged by and rotated by the cloth being measured, and a unit including revolutions counting mechanism and printing mechanism, said units being normally connected in an operative train, means tiltably supporting said revolutions-counting and printing mechanism unit in unbalanced manner with the preponderance of weight tending to break the connection of said train, means normally holding said units in operative relation in said train, said means being responsive to the termination of the cloth past the measuring point of said roll for permitting the tilting of said unbalanced unit and its consequent disengagement from said train.

2,128,710
MOTION PICTURE FILM END CLIP FOR REELS
John Sydney MacDonald, Highland Park, Mich.
Application March 30, 1936, Serial No. 71,787
3 Claims. (Cl. 206—53)



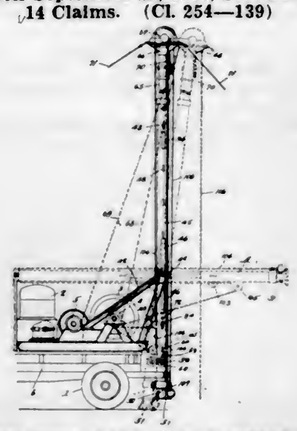
1. A clip for picture reels comprising a substantially U-shaped member provided with a pair of parallel slots in the bight thereof through which the film is adapted to be threaded, said member on the outer side of one of said slots being outwardly offset, each leg of said member having a reduced intermediate portion, and a yieldable sleeve engaging each leg about said reduced portion.

2,128,711
FEED APPARATUS FOR GAS ENGINES
George S. Maslen, Los Angeles, Calif.
Application February 17, 1936, Serial No. 64,268
11 Claims. (Cl. 48—180)



1. In a feed apparatus for connection to the intake of an engine driven by gaseous fuel, the combination of a casing having an upwardly reduced chamber, a floating air valve mounted in the reduced chamber for controlling admission of an air current flowing around the same through the said chamber, operating to float on the said air current, and constructed so as to vary the effective area of flow for the air current as the air valve rises and falls on the air current, a guide tube for guiding the air valve along the axis of said chamber, means for admitting gaseous fuel to the said tube, and a fuel valve carried by the air valve for controlling flow of the gaseous fuel from the upper end of the said tube into the air current, and including a tapered tip projecting downwardly into the upper end of the said tube, said parts cooperating so that an increased rise of the air valve increases the velocity of flow of the air current, and thereby increases the flow of fuel through the fuel valve.

2,128,712
PORTABLE GIN POLE
Asa Judson Neff, Laredo, Tex., assignor of one-half to Ed Mims and Con Mims, both of Laredo, Tex.
Application September 22, 1936, Serial No. 102,050
14 Claims. (Cl. 254—139)

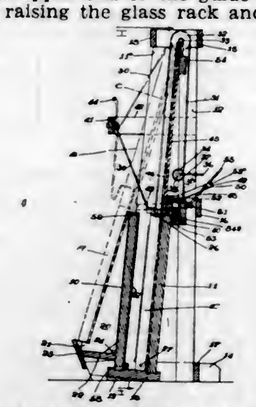


13. Apparatus of the class described including a portable supporting structure, a telescopic mast carried thereby, a main sheave in the top of the mast, a cap on the mast adjacent to the sheave, guys connected to the cap and extending along lines crossing at a point above the sheave, and a second sheave carried by the mast below the main sheave, said second sheave being rotatable in a plane at right angles to the plane of rotation of the main sheave and extending substantially to the point of crossing of the lines of the guys.

2,128,713
MIRROR PLATING APPARATUS
William Owen, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application August 13, 1937, Serial No. 158,919
5 Claims. (Cl. 204—5)

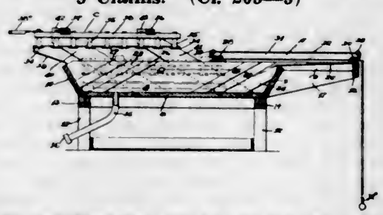
1. In combination in apparatus for electroplating glass sheets having metallic reflecting coatings thereon, a narrow upright tank for the electroplating bath, a guide and shifting plate mounted above the tank in alinement with the rear wall thereof and supported to permit it to be shifted forwardly so that it is in alinement with the front wall of the tank, means for shifting said plate back and forth, a rack support mounted on the front wall of the tank at an angle to the vertical, a glass rack adapted to be supported in loading position on said rack support

in parallel therewith, lifting tackle mounted adjacent the upper end of the guide and shifting plate for raising the glass rack and lowering it



into the tank and for raising it from the tank and lowering it onto the rack support, and an anode in the tank adjacent the front wall thereof.

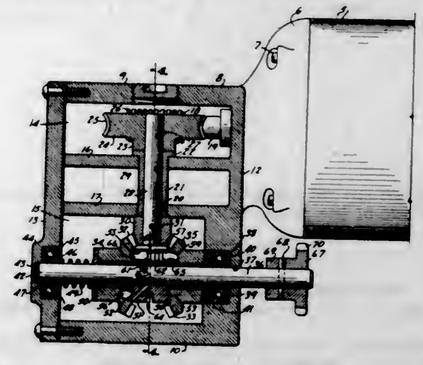
2,128,714
MIRROR PLATING APPARATUS
William Owen, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application August 13, 1937, Serial No. 158,920
5 Claims. (Cl. 205—5)



1. In combination in apparatus for electroplating glass sheets having metallic reflecting coatings thereon, a horizontal tank for the electroplating bath, a rack support extending horizontally from one end of the tank at the upper edge thereof, a pair of inclined parallel guideways at each end of the tank leading from the bottom of the tank to the upper side edges thereof, horizontal guideways along the side edges of the tank and of the rack support forming continuations of the inclined guideways, and a rack for carrying the glass sheets mounted for movement along the guideways and adapted to be maintained thereby in a substantially horizontal position in its movements between the rack support and the lower ends of the inclined guideways.

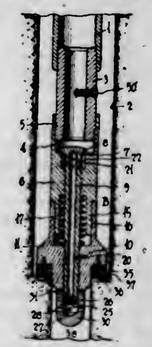
2,128,715
AUTOMATIC REVERSE GEARING
Walter A. Reich, Kansas City, Mo.
Application November 18, 1935, Serial No. 50,286
13 Claims. (Cl. 74—378)

1. In a device of the character described, a power driven rotatable shaft, a shaft having driven engagement with said first named shaft and having a pinion, a shaft having a clutch thereon, gears mounted on the last named shaft engageable with the clutch and engaging the pinion of the second named shaft, and a clutch pin slidable in the clutch and having alternate cam engagement with one of the gears to effect reciprocation of the pin into engagement with the



other gear for alternately reversing direction of rotation of the last named shaft.

2,128,716
WELL TESTING DEVICE
Thomas Noah Smith, San Antonio, Tex.
Application November 2, 1937, Serial No. 172,431
6 Claims. (Cl. 166—1)

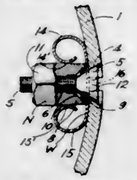


1. In a device of the character described including a drill stem, a nipple constituting a sample retaining chamber, a valve housing secured to said nipple, a valve at the upper end of said valve housing and having a downwardly depending valve stem to which is secured a packer, said packer being slidable with respect to said valve housing, said packer and housing being provided with cooperating cammed surfaces whereby said valve can be moved away from its coacting valve seat when said drill stem is rotated in one direction only with respect to said packer.

2,128,717
PISTON EXPANDER
Dean M. Solenberger, Cleveland, Ohio, assignor to Simplex Products Corporation, a corporation of Ohio
Application October 19, 1936, Serial No. 106,283
16 Claims. (Cl. 309—12)

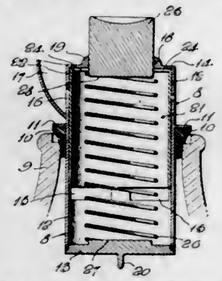
1. In combination with a piston having a slotted skirt, said skirt having a tapered counter-bore portion at the slot in the skirt, a tapered member adapted to fit in the tapered counter-bored portion of the piston skirt, and means disposed within said skirt for drawing said tapered member

radially inwardly into said counter-bored portion of the skirt, said tapered member having its end



surface spaced radially inwardly from the outer surface of the piston skirt.

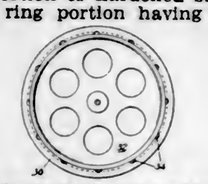
2,128,718
MEASURED QUANTITY DISPENSER
Edward T. Strand and Francis P. Colgan, Salem, Oreg.
Application October 28, 1937, Serial No. 171,588
1 Claim. (Cl. 221—114)



A measured quantity dispenser comprising a casing having a continuous side wall, a bottom, and a top, said top being provided with a central opening, said side wall being provided with a liquid inlet in its lower portion and with a liquid outlet in its upper portion, external means between the ends of said casing for establishing a seal between said side wall and a container when the lower end portion of said casing is inserted into the container, a hollow valve slidable in said casing and having an open lower end, said valve having a continuous side wall and a top, said valve top being provided with a central operating button passing slidably through said central opening of said casing top, said valve top being provided also with an opening for conducting liquid from the interior of the valve to the space between said valve top and said casing top when the valve is slid inwardly, and a spring for normally holding said valve in a raised position in which its side wall closes said liquid outlet and is disposed above said liquid inlet, whereby when the device is inverted said valve may fill with liquid, said valve side wall serving to close said liquid inlet and open said liquid outlet when said valve is pushed inwardly with the device inverted, whereby the liquid from the valve may enter the space between the valve top and the casing top and discharge from said space through said liquid outlet.

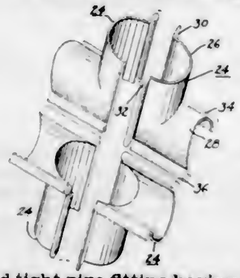
2,128,719
SELF-STARTING SYNCHRONOUS MOTOR
Milton E. Thompson, Ridgway, Pa.
Application March 4, 1936, Serial No. 66,982
14 Claims. (Cl. 172—278)

1. A self-starting synchronous motor having a magnetically rotating field stator and a rotor comprising a non-magnetic spider and a radially narrow ring portion of hardened steel mounted thereon, said ring portion having notches cut



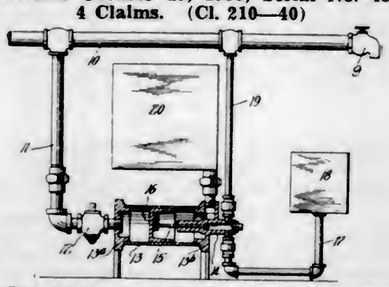
into that periphery of the ring which is farthest removed from the stator.

2,128,720
REFRIGERATING APPARATUS
Ralph L. Tweedale, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 31, 1935, Serial No. 4,250
3 Claims. (Cl. 285—210)



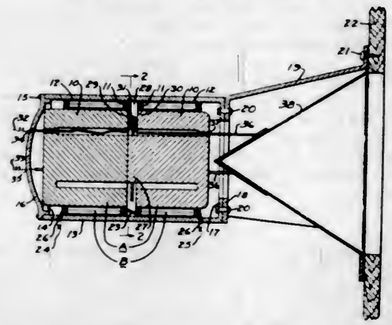
1. A fluid tight pipe fitting having three or more parts of substantially semi-circular cross-section and joinable together to form three or more cylindrical pipe engaging portions each adapted to receive a pipe of a closed fluid conveying system, each of said parts having interfitting portions for locking said parts together when assembled to receive the pipes of the system during the operation of sealing the fitting parts together and to the pipes of the system, said interfitting portions comprising a radial flange on one part and a reversely bent radial flange on another part adapted to permit assembly of the parts upon the pipes of the system by sliding the radial flange into the reversely bent radial flange whereby said reversely bent radial flange overlaps the first flange.

2,128,721
REAGENT FEEDER
John S. Watts, East Orange, N. J.
Application October 19, 1935, Serial No. 45,726
4 Claims. (Cl. 210—40)



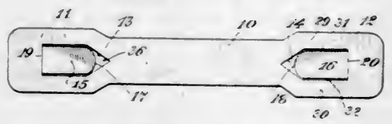
1. In a water supply system having a source of water at substantially constant static pressure, a main in communication with said source of water, and valve means operable to cause flow of water through said main, that improvement which comprises a source of liquid reagent, means including a pump for feeding said reagent to said main, and means responsive solely to pressure decrease in said main resulting from water flow and return to normal pressure upon cessation of water flow for controlling the operation of said pump to force liquid reagent into said main upon substantial cessation of water flow.

2,128,722
LOUDSPEAKER CONSTRUCTION
Elmer E. Wickersham, San Leandro, Calif.
Application October 29, 1934, Serial No. 750,511
4 Claims. (Cl. 179—115.5)



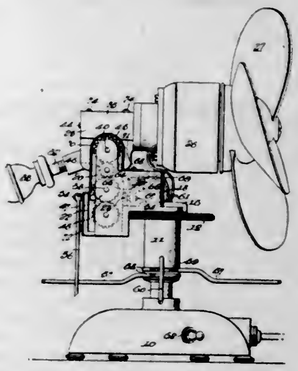
1. An electro-magnetic unit for a transducer, having a field coil and a substantially cylindrical core therefor, an encircling groove lying generally in a plane radial with respect to the core axis and having spaced radial walls formed in said core and forming axially spaced pole pieces of like polarity, a voice coil between said poles out of contact with said core, and a driven element attached to said coil, said voice coil being free to float between said pole pieces except insofar as it is partially restrained by said driven element.

2,128,723
PACKAGE HANDLE
William F. Zettler, South Ozone Park, N. Y.
Application April 17, 1937, Serial No. 137,526
3 Claims. (Cl. 229—52)



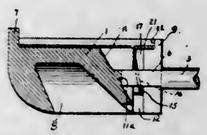
2. In combination with a package having slots, a package handle having a body portion having ends, and pressed-out tongues at said ends, said tongues having their tips facing each other and having their tips spaced from said body portion, said ends with the tongues being adapted to engage the slots of the package and hold the material of the package between the tongues and the material of the handle forming the ends for stiffening the material so held, said package handle being formed of a rigid material having sufficient resiliency to permit the movement of the spaced tongues towards the ends when the ends are inserted into the slots of the package, said tongues being adapted to engage against the material of the package upon pulling the curved body portion of the package handle.

2,128,724
ELECTRIC FAN
George Zint, Wapakoneta, Ohio
Application January 28, 1938, Serial No. 187,489
12 Claims. (Cl. 230—256)



1. An oscillating electric fan comprising a base, a standard rising rigidly therefrom, a worm wheel secured to the end of said standard most remote from the base, an oscillatory carrier mounted directly adjacent said worm wheel, a fan-driving motor mounted on said carrier, a worm mounted on said carrier and meshing with said worm wheel, reversible gearing mounted on said carrier and operatively connected with said motor and said worm for driving the latter in either direction, a reversing arm for said reversible gearing mounted on said carrier, and fixed trips between which said arm is operable to cause reversing of said reversible gearing when said carrier has turned a predetermined distance in either direction.

2,128,725
FASTENER INSTALLATION AND FASTENER FOR THE SAME
Wilmer H. Churchill, Saugus, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application January 27, 1937, Serial No. 122,571
8 Claims. (Cl. 287—20)



8. A fastener installation comprising an article of manufacture having an opening, a fastener member assembled with said article, said fastener member having integral legs engaging the material of said article adjacent said opening and providing the only means securing said fastener member to said article, an apertured spring plate portion located in line with the opening of said article, and a rod-like member having a portion extending through the aperture of said plate portion, said rod-like member being engaged by the material of said plate portion adjacent to said aperture for securing said rod-like member to said article.

2,128,726

VOLTAGE SELECTOR AND WIRING TERMINAL, PARTICULARLY FOR USE THEREWITH

Ernest Clark, Beeston, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application February 6, 1935, Serial No. 5,249
5 Claims. (Cl. 173—328)



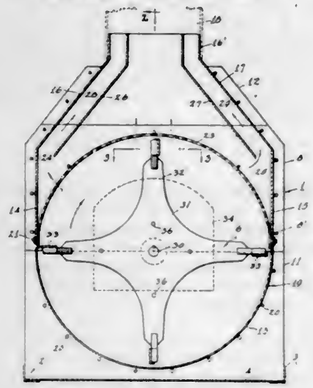
2. A voltage selector switch comprising a narrow base of thin insulating material, a plurality of lead-in terminals and at least one take-off terminal, each of said terminals carried by said base, said lead-in terminals having plug-receiving portions, a conducting strip, a wide panel of thin insulating material interposed between said strip and lead-in terminals, said wide panel overlying the lateral edges of said base and said terminals except at the plug-receiving portions of said lead-in terminals, a fastening means for connecting said base, strip and panel together, a means permanently connecting said strip and take-off terminal in electrical contact and a removable switch plug for establishing electrical contact between said strip and lead-in terminals.

2,128,727

PULVERIZER

Clair T. Elderkin, Sacramento, Calif., assignor to Irven T. Miller, Woodland, Calif.

Application June 28, 1937, Serial No. 150,735
6 Claims. (Cl. 83—11)



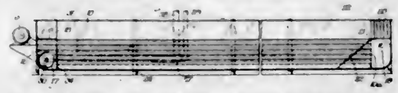
2. In a pulverizer; a housing having end walls, a semi-cylindrical bottom section, vertical side sections rising from the bottom section, and inclined sections rising from the vertical sections and tapering to a restricted outlet; a semi-cylindrical screen extending between the end walls with its concave face presented downwardly in complementary relation with the bottom section and coacting with the latter to define a cylindrical reducing chamber; the screen forming pockets with the side sections; means for introducing material into the reducing chamber; a rotor in the reducing chamber having beaters thereon; and a pair of baffles mounted in substantially parallel relation with the inclined housing sections and coacting therewith to provide by-passes leading directly from the pockets to the housing outlet; the baffles being spaced from each other to define a main outlet therebetween.

2,128,728

APPARATUS FOR DEFROSTING MEAT

George A. Hormel, Austin, Minn., assignor to Geo. A. Hormel & Company, Austin, Minn., a corporation of Delaware

Application May 19, 1937, Serial No. 143,423
5 Claims. (Cl. 99—234)



1. Apparatus for defrosting meat and the like, comprising a treating compartment in the form of an elongate horizontal trough having end walls and having longitudinal walls formed with narrow inwardly opening channels extending lengthwise thereof, a return flow compartment extending lengthwise said treating compartment, communicating passages being provided at both ends of said compartments for flow of water from each to the other, and means for propelling water from the return flow compartment into the treating compartment at one end thereof to maintain a continuous flow of water longitudinally in the latter through said channels and the trough space.

2,128,729

FASTENER AND FASTENER INSTALLATION

Howard J. Murphy, Greenwood, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application May 13, 1936, Serial No. 79,507
1 Claim. (Cl. 287—53)



An installation of the class described comprising, in combination, an article of manufacture, a rod and a fastening means for attaching said article to said rod, said fastening means comprising a one-piece sheet metal part having an apertured portion rigidly attached to said article and a yielding portion anchored at one end only and the other end being free to yield toward and away from said apertured portion, at least a portion of said spring plate being inclined relative to said apertured portion and having an aperture through which said rod passes and is gripped by said spring plate, the inclination of said spring plate being such that the edge of the aperture therein nearest the free end is closer to the said rod-receiving apertured portion than the opposite edge for the purpose described, and means to prevent rotation of the fastening means relative to said rod.

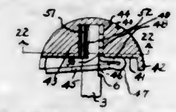
2,128,730

FASTENER MEMBER AND FASTENER INSTALLATION

Howard J. Murphy, Greenwood, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application July 8, 1937, Serial No. 152,581
12 Claims. (Cl. 287—53)

1. In combination with a shaft and an operating member on one end thereof, of a fastener member for securing said member to said shaft, said fastener member having a plate-like apertured portion surrounding and normally gripping said shaft as when biased with respect to a transverse plane through said shaft, means integral with said plate-like portion for attaching said fastener to said member, a part of said fastener



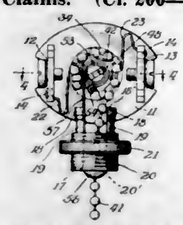
connecting said attaching means to said shaft-gripping portion being angularly disposed with reference to the latter and bearing against said operating member.

2,128,731

ELECTRICAL SWITCH

Rudolf Popp, Valparaiso, Ind., assignor to McGill Manufacturing Company, Valparaiso, Ind., a corporation of Indiana

Application February 15, 1935, Serial No. 6,679
4 Claims. (Cl. 200—168)



1. A one-piece tubular stem for a switch having spaced support members, said stem including an externally threaded portion at one end thereof, and a head of larger diameter at the other end thereof, a wide slice of said head being removed to form spaced lugs adapted to fit into corresponding apertures in the support members of the switch.

2,128,732

PROCESS FOR MANUFACTURING DRIERS

Remmet Priester, Deventer, Netherlands, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands, a company of the Netherlands

No Drawing. Application October 15, 1935, Serial No. 45,146. In Germany October 27, 1934
4 Claims. (Cl. 134—57)

1. A drier for paints, varnishes and the like comprising a castor oil metal compound in which substantially only the hydroxyl hydrogen of the acid radical is replaced by a drier metal, which drier may be dissolved in linseed oil at 100° C.

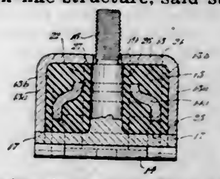
2,128,733

RESILIENT SUPPORT

Ellwood F. Riesing, Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application February 27, 1937, Serial No. 128,169
4 Claims. (Cl. 248—9)

1. In a resilient support, the combination of an upper metal member of box-like shape open at its bottom, a lower metal member disposed transversely thereof and having an offset portion disposed within the box-like structure, a body of resilient rubber composition disposed interiorly of said box-like structure and surrounding the offset portion of the lower metal member, and means for attaching said metal members respectively to a supported and a supporting structure, the means for attaching the box-like member extending through the offset portion of the lower metal member, in spaced relation thereto and engaging the box-like structure, said structure and



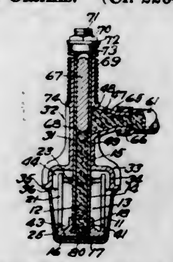
said means being in surrounding relation with respect to said offset portion to effect a mechanical interlock of said members.

2,128,734

RECEPTACLE FILLER

Oscar C. Schmidt, Cincinnati, Ohio, assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio, a corporation of Ohio

Application April 25, 1936, Serial No. 76,440
11 Claims. (Cl. 226—93)



1. In receptacle filling means, the combination of a bearing, a feeding channel provided with a feeding mouth outside said bearing, a feeding valve between said bearing and said channel intermediate of the ends thereof and operated by movement between said channel and said bearing, a bearing-down part to bear upon the receptacle having connection with said bearing, resilient means between said bearing and said channel to relatively position said bearing and said feeding channel to normally close said valve, and presser means having attachment under said bearing with said feeding channel for movement between said channel and said bearing for positioning said feeding mouth adjacent to the bottom of the receptacle and for open relation of said valve and for resisting opposite movement between said feeding channel and said bearing to resist closing of said valve and to regulate pressure upon the material between said feeding mouth and said bottom of the receptacle.

2,128,735

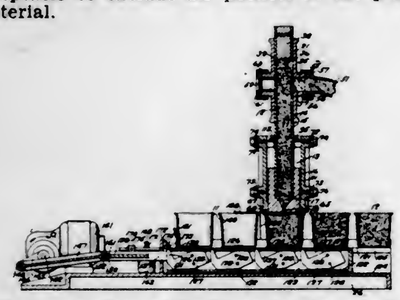
RECEPTACLE FILLER

Oscar C. Schmidt, Cincinnati, Ohio, assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio, a corporation of Ohio

Application May 1, 1936, Serial No. 77,367
22 Claims. (Cl. 226—94)

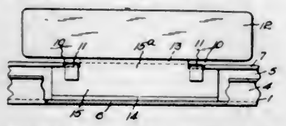
1. In receptacle filling means for plastic material, the combination of a feeding head, and a guide having guiding faces for both said feeding head and the receptacle, said head having slide connection with said guide by means of one of said guiding faces and said guide located about said head and in line with the receptacle to coact with the receptacle whereby to place the receptacle in filling position by coaction between the other of said guiding faces and said recep-

tacle for centering said feeding head and the receptacle with relation to each other, said feeding head having a material pressing end substantially cross-sectionally filling the receptacle and provided with material feeding means for material under pressure, said feeding head having a feeding mouth in said pressing end of substantially less cross-sectional area than the cross-sectional area of said pressing end, means normally holding said feeding head and the receptacle in relatively retracted relation for stoppage of material feeding, and arranged for approach between said feeding head and the receptacle for initiating material feeding and exerting pressure between said guide and the receptacle, said feeding head and the receptacle being relatively resistantly retractable to exert pressure on the material being so fed under pressure between said pressing end of said feeding head and the receptacle throughout substantially the filling of the receptacle to exclude air pockets in the plastic material.



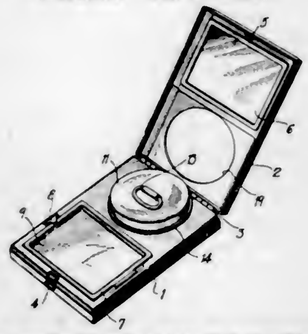
10. In receptacle filling means, the combination of a receptacle support, a feeding head thereabove, means for reciprocable movement between said head and the receptacle on said support, moving means for moving the receptacle into line with said feeding head, and actuating means for said moving means including a plurality of interrupting means, one of said interrupting means being under influence of said feeding head to connect said interrupting means when said feeding head is in retracted position, and another of said interrupting means acted on by the presence of a receptacle to connect said last-named interrupting means, for safety feeding movement of the receptacles under said feeding head.

2,128,736
FASTENING MEANS FOR BAG FRAMES AND THE LIKE
Preston Upham, Newton, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application April 2, 1936, Serial No. 72,325
3 Claims. (Cl. 150—29)



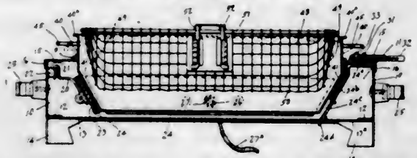
1. A bag frame structure including a pair of frame members hinged together at their free ends, each of said frame members having an outer wall and an inner wall forming an outwardly opening channel whereby a bag material may be secured in said channel between said outer and inner walls, said inner walls each having a flange means extending outwardly from the upper edge thereof, the flange means of the inner wall of one of said frame members having an opening in one portion thereof, said inner wall having at least one attaching lug integral therewith and extending into the channel of said frame member, and a fastening member independent of the securing means for the bag material, said fastening member having a plate portion clamped to said inner wall by means of said attaching lug, said plate portion extending upwardly through the opening of said flange, and a flange portion integral with said plate portion and disposed above said inner wall, the said flange portion having an integral separable fastening means, and cooperating fastening means carried by said other frame member.

2,128,737
VANITY CASE
Jacob Aronstein, New York, N. Y.
Application October 27, 1937, Serial No. 171,191
5 Claims. (Cl. 132—79)



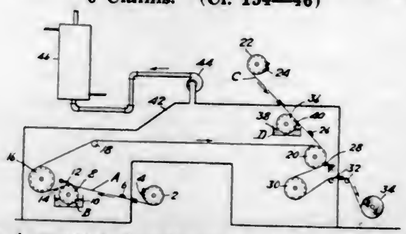
1. In a pocket vanity case, the combination of a case comprising a body and a cover, a perfume dispenser removably seated in said case, said dispenser comprising a receptacle open at one end and closed at the other and containing a wad of highly absorbent material for holding a volatile liquid, said wad having an exposed surface contiguous said open end for contact application by the user, said dispenser receptacle being disposed in telescopic sealed engagement within a cooperating closure member held in said case with the closed end of the receptacle facing outwardly, whereby the receptacle serves to enclose said wad within said cooperating closure member and to prevent substantial evaporation of said volatile ingredient therefrom.

2,128,738
ELECTRIC DEEP GREASE FRYER AND THE LIKE
William B. Blake, Marion, Ind.
Application July 11, 1936, Serial No. 90,151
2 Claims. (Cl. 219—43)



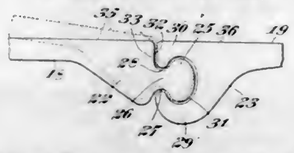
1. In an electric cooker, a frame, downwardly and inwardly inclined supports in said frame around the sides thereof and mounted therein for yieldable movement independently of one another, heating elements carried by certain of said supports, a container having a flat bottom with outwardly inclined side walls rising therefrom, said walls disposed substantially parallel with said supports, and said container to be received within said frame with its side walls resting upon and yieldably engaged by said support.

2,128,739
LAMINATED GLASSINE PAPER
Cornelius M. Connor, Ardmore, Pa., assignor to The Glassine Paper Company, West Conshohocken, Pa., a corporation of Delaware
Application July 6, 1935, Serial No. 30,077
6 Claims. (Cl. 154—46)



1. A grease and moisture proof laminated sheet material comprising essentially sheets of glassine joined by an intermediate film substantially confined to the inner surfaces of the sheets and comprising primarily a water-insoluble resinous material and wax, the resinous material being in sufficient amount to secure substantially increased adhesiveness as compared with wax alone, and the wax being in sufficient amount to render the film substantially moisture proof.

2,128,740
PILING
Robert S. A. Dougherty, Bethlehem, Pa., assignor to Bethlehem Steel Company, a corporation of Pennsylvania
Application June 30, 1937, Serial No. 151,226
13 Claims. (Cl. 61—62)

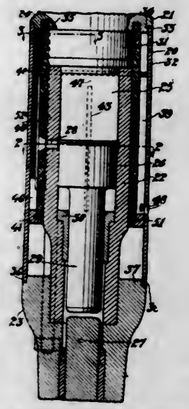


1. A piling section comprising a web, and flanges integral with the opposite edges of said web, said flanges comprising enlarged triangular portions spaced from the marginal edges of said flanges, each of said triangular portions comprising a leg disposed at an angle to the face of the flange, one of said flanges having a face portion oval in cross section along its edge merging into a neck portion to form one member of an interlock and said neck portion being connected to the leg of the triangular portion intermediate its extremities.

2,128,741
AMINE HYDRIODIDES
Frank B. Fisk, Indianapolis, Ind., assignor to Pitman-Moore Company, Indianapolis, Ind., a corporation
No Drawing. Application January 6, 1937, Serial No. 119,271
6 Claims. (Cl. 167—70)

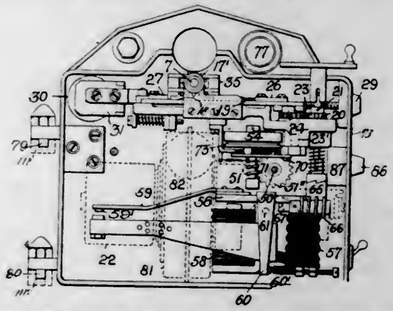
1. An amine hydriodide derived from an amine selected from the group consisting of ethylene diamine and ethanolamines and suitable for the administration of iodine in internal medication.

2,128,742
MUFFLING DEVICE
George H. Fuehrer, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application April 9, 1937, Serial No. 135,831
4 Claims. (Cl. 121—1)



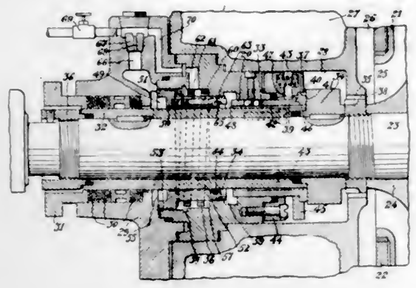
1. In a muffling device, the combination of a pneumatic tool casing having a piston chamber and an exhaust port for the piston chamber, a sleeve to surround the casing and cooperating therewith to define an expansion chamber for exhaust fluid, an outlet opening in the sleeve, and means to prevent contact of the exhaust fluid in the expansion chamber with the casing.

2,128,743
HIGH INTENSITY PROJECTOR LAMP AND ARC
Theodore O. Hall, Los Angeles, Calif., assignor to Hall & Connolly, Inc., New York, N. Y., a corporation of New York
Application February 3, 1934, Serial No. 709,659
4 Claims. (Cl. 176—51)



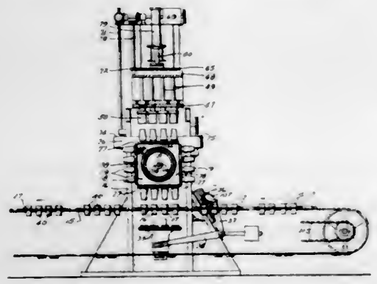
4. In a projector lamp, a lamp housing, a feeding and ventilating motor at the rear thereof, spaced electrode holders, a hollow horizontal standard for supporting said electrode holders and having vents therein for cooling said holders, a projector lens, and a forward nozzle-like part on said standard for directing air on said lens to cool the same.

2,128,744
SEALING DEVICE
Hanns Hornschuch, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application April 21, 1937, Serial No. 138,073
8 Claims. (Cl. 286—8)



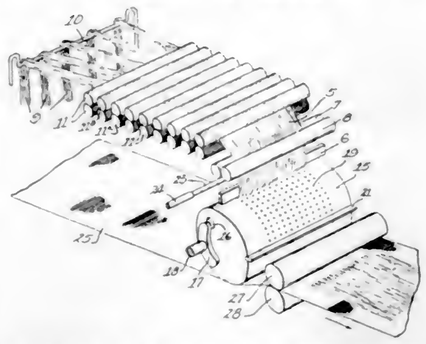
1. In a sealing device, the combination of a casing having a chamber and a rotor having a sealing surface, a sealing member to cooperate with the sealing surface for valving a limited flow of liquid into the chamber, and means movable with respect to the sealing member and actuated by the liquid in the chamber to assure the retention of the sealing member in the correct operative position.

2,128,745
APPARATUS FOR FORMING PULP ARTICLES
Ernest Huff, Rockford, Ill., and Andrew Keiding, Milwaukee, Wis., assignors to American Lace Paper Company, Milwaukee, Wis., a corporation of Wisconsin
Application December 2, 1935, Serial No. 52,484
19 Claims. (Cl. 92—54)



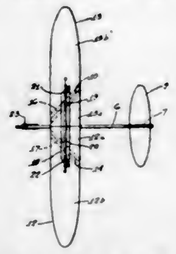
1. In a device of the character described for compressing pulp articles, the combination with a cup-shaped die and mandrel receivable therein and slightly smaller in size and rotatably mounted, the angle of the side of the die deviating slightly from the side of the mandrel, of means rotatably supporting the die, said means being pivoted at a point above the mandrel for the lateral swinging movement of the die, and means for laterally swinging said die about the pivotal mounting of its supporting means for the engagement of work on the mandrel, such movement being only sufficient to bring into approximate parallelism the surfaces of the die and the mandrel engaged with such work.

2,128,746
SANITARY NAPKIN MACHINE
Curt G. Joa, Manitowoc, Wis., assignor to Curt G. Joa, Inc., Manitowoc, Wis., a corporation of Wisconsin
Application December 5, 1936, Serial No. 114,357
9 Claims. (Cl. 164—68)



7. In a device of the character described, means for guiding a web of gauze, a transfer roll having its periphery substantially in contact with the gauze, means for delivering a web of cotton on to the transfer roll at a rate materially slower than the peripheral speed of the transfer roll, means for periodically applying vacuum to said transfer roll, a portion of the surface thereof being foraminous whereby to cause a portion of said web of cotton to adhere to said roll, said cotton web slipping upon said roll pending the severance of said cotton web, and means for substantially severing sheets from said cotton web after the delivery of successive end portions of the web on to the periphery of said transfer roll, the adhesion of the delivered end portions of the web to the transfer roll facilitating the severing of such sheets from the web of cotton, said vacuum applying means including means for relieving such vacuum prior to contact of the cotton sheet with the gauze web.

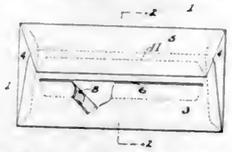
2,128,747
TOY GLIDER
Edwin H. Johnson, Dayton, Ohio, assignor to Johnson Tool & Engineering, Inc., Dayton, Ohio, a corporation of Ohio
Application December 23, 1936, Serial No. 117,370
8 Claims. (Cl. 46—80)



1. In a toy glider, a fuselage having a tail and rudder structure at one end thereof, a pair of wings connected to said fuselage near the other end thereof, each of said wings comprising relatively movable sections, one of the sections in each of said wings being fast to said fuselage and extending therefrom in a predetermined

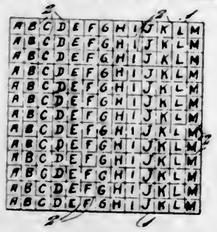
plane, and means for positioning the other section of each of said wings during the gliding action of said glider in the plane of the section fast to the fuselage.

2,128,748
ENVELOPE
Milton Kahn, New York, N. Y., assignor to Novelart Mfg. Co., New York, N. Y., a firm
Application September 5, 1936, Serial No. 99,563
2 Claims. (Cl. 229—80)



1. A dry adhering envelope having the combination of a front wall, a rear wall, a closing flap forming part of said front wall folding over said rear wall, said rear wall having a slit, the undersurface of said rear wall having thereupon a dry adhering coat, the upper surface of said flap having a dry adhering coat, said flap adapted to pass its leading portion through said slit to bring its coat into registry with said other coat, and said portion being normally folded underneath the flap to conceal its coat.

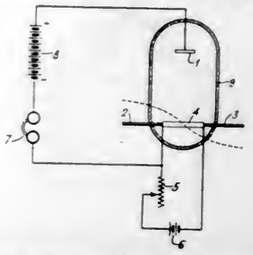
2,128,749
SPELLING GAME
Otto Ludwig Koch, John Duke Crumley, and Donald Elder, Philadelphia, Pa.
Application October 22, 1936, Serial No. 106,956
1 Claim. (Cl. 273—135)



A game apparatus comprising two cubical elements on the six faces of each are inscribed the letters A, B, C, D, E, F and G, H, I, K, L, M, respectively; and thirteen groups of cards lettered A, B, C, D, E, F, G, H, I, J, K, L and M, said groups consisting of thirteen cards each and on the reverse sides of said thirteen cards in every group are inscribed the letters N, O, P, Q, R, S, T, U, V, W, X, Y and Z, said cards lettered J to be used at any time throughout the progress of a game as a letter J or as the surprise letter indicated on the reverse side for the purpose of constructing words from the groups of lettered cards as indicated by the throw of said two cubical elements.

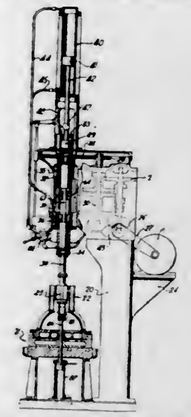
2,128,750
ULTRA-SHORT WAVE RECEIVING APPARATUS
Walter Kriebel, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application October 28, 1937, Serial No. 171,443
In Germany September 2, 1936
3 Claims. (Cl. 250—27.1)

1. A tube detector comprising a space discharge device, radiation collectors attached to the terminals of the cathode of said discharge device, an indicator coupled to the plate circuit of said discharge device, the said radiation collectors together with said cathode being so arranged that



the total length amounts to $3/2\lambda$ and one voltage node each occurs at the seals through the wall of the device and at the centre of said cathode where λ is the length of the collected wave.

2,128,751
CYLINDER GRINDER
John M. Krohn, Racine, and Eugene H. Simpson, West Allis, Wis.
Application November 22, 1934, Serial No. 754,210
21 Claims. (Cl. 51—34)

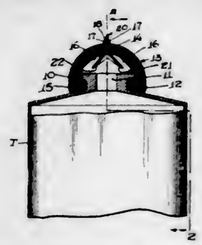


1. A cylinder grinding machine of the character described comprising, a grinder mounting block adapted for axial reciprocation in a cylinder to be ground, and rotatable on the axis of the cylinder, a plurality of stones mounted axially on said block and adapted to expand radially thereto, means in said block to expand said stones radially, a hollow spline shaft having a driving connection with the block to rotate the same, means to reciprocate said block, an actuating shaft mounted in the spline shaft and having an operating connection with the stone expanding means to effect operation thereof, and means in said spline shaft, engageable with said second named shaft to effect rotation of the second named shaft relative to the spline shaft at a predetermined point in the axial movement of the grinder.

2,128,752
CLOSURE
Anthony J. Lentine, New York, N. Y.
Application December 3, 1937, Serial No. 177,852
7 Claims. (Cl. 221—60)

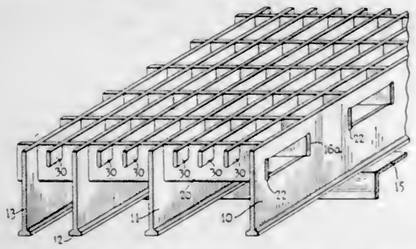
1. In a container having an opening formed therein, a closure therefor, said closure comprising a cap made of resilient material, said cap

having a slit formed therein, and a guide member extending through said slit, the resilient walls of



said slit abutting against and having a compressive action on said guide member.

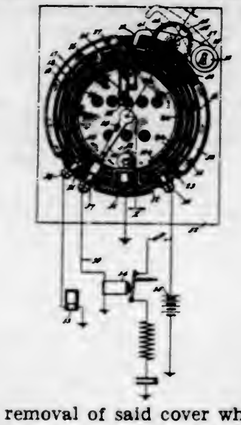
2,128,753
STEEL FLOOR CONSTRUCTION
Frederick Lienhard, New York, N. Y.
Application March 20, 1937, Serial No. 131,985
9 Claims. (Cl. 189—82)



8. A metal grating assembly adapted to be used as a flooring without filling material for bridges and the like, comprising a plurality of main bars provided with openings spaced from each other and from the upper and lower longitudinal edges of said main bars, a plurality of cross bars and a plurality of auxiliary bars, said auxiliary bars being parallel to said main bars, said cross bars being adapted to pass transversely through said openings in said main bars and said auxiliary bars being adapted to be received in aligned notches in the upper edges of said cross bars, to form a grating in which the upper longitudinal edges of said main bars, cross bars, and auxiliary bars are in the same plane and in which the upper surface thereof constitutes a plurality of open spaces rectangular in shape and of uniform size, said size being equal in one direction to the distance between two adjacent cross bars and in the other direction less than the distance between two main bars.

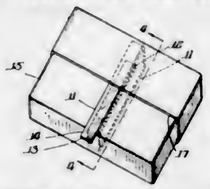
2,128,754
SPEED GOVERNOR
John A. Martin, Indianapolis, Ind.
Application July 26, 1935, Serial No. 33,298
1 Claim. (Cl. 200—56)

In a device of the type described, a scale, a hand movable thereover, speed-responsive means for moving said hand, a pair of co-operating electrical contacts, one of said contacts having a portion projecting into the path of movement of said hand, a support carrying said contacts and adjustable along the path of movement of said hand, a casing enclosing said contacts, said hand, and said support, said casing having a removable cover, an adjusting device for moving said support, and a lock for said adjusting device, said lock and cover having co-operating provisions for



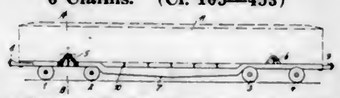
preventing removal of said cover when said lock is locked.

2,128,755
PACKAGE AND METHOD OF PACKAGING
Michael J. Milmoe, Glen Ellyn, Ill., assignor to F. B. Redington Co., Chicago, Ill., a corporation of Illinois
Application March 28, 1936, Serial No. 71,488
8 Claims. (Cl. 229—51)



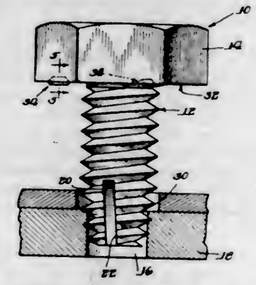
1. A package for articles comprising an opening member extending substantially once only about an article and having a protruding portion to form a tab, an inner wrapper extending under one part of the member and over another part thereof, and an outer wrapper extending about the package, the outer wrapper having its free edges overlapped, the protruding portion extending between the lapped edges of the outer wrapper.

2,128,756
VEHICLE SUSPENSION
Louis-Eugène-Widolt Montrose-Oster, Karlsbad, Czechoslovakia, assignor of one-half to the firm Pollopas Patents Ltd., London, England
Application December 10, 1932, Serial No. 646,698
In Germany December 14, 1931
6 Claims. (Cl. 105—453)



1. A railway vehicle, particularly for standard track and rolling stock, comprising a wheeled structure and a body consisting of an underframe and a superstructure on said underframe, means on said wheeled structure coacting with means located in the space encompassed by said underframe, in the central vertical longitudinal plane of said vehicle, for supporting said body at two points only in such a manner that the said whole body comprising underframe and superstructure may swing freely about the axis constituted by the imaginary line connecting said supporting means, said underframe being considerably heavier than said superstructure so as to lower the center of gravity sufficiently to prevent, for practical purposes, the tipping over of said body, without the necessity of additional means confining its free swinging movement.

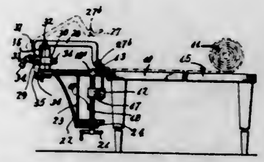
2,128,757
MEANS FOR FASTENING
Carl G. Olson, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a corporation of Illinois
Application May 29, 1936, Serial No. 82,387
7 Claims. (Cl. 151—32)



1. A self-locking thread-forming fastener including a threaded shank, said shank having a holding portion and a hardened thread-forming portion at one extremity, the thread on said thread-forming portion diminishing in external diameter toward the entering end to facilitate application to an unthreaded aperture in the work, a head provided at the opposite extremity of said shank, and a locking section associated with the under side of said head, said locking section including an abutment section and a hardened element adapted in response to rotary tightening movement experienced by the head and shank to cause a section of the work piece positioned laterally outward from said shank to be shifted into locking association with said abutment section whereby to prevent loosening of the fastener, the thread on said shank being so disposed that when final rotary movement is experienced by said head the thread previously formed in the work by said shank will coact with the complementary thread on said shank in causing axial movement to be experienced by said locking section.

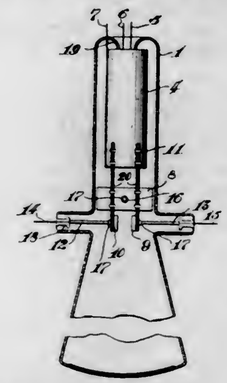
2,128,758
CLAMPING PIN DEVICE FOR SMOOTHING AND TIGHTENING FABRICS FOR CUTTING GOODS FOR CLOTHING
Armando Prati, Brooklyn, N. Y.
Application September 22, 1937, Serial No. 165,157
5 Claims. (Cl. 164—79)

1. A clamping pin device for smoothing and tightening fabrics for cutting goods for clothing comprising a pair of posts vertically mounted on a table, collars adjustably mounted on said posts, a rod turnably mounted between said collars, radial fingers on said rods and having free ends, a clamp strip with slots for projecting pins supported upon the free ends of said radial fingers, a pin support member beneath said table and having projecting pins extending through apertures in the table to the top thereof, and means for holding said pin member in various vertical positions, comprising a pair of followers mounted



on said pin member, a pair of rotatively supported screws threadedly engaging said followers, and means for turning said screws in unison.

2,128,759
ELECTRON TUBE
Johannes Richter, Bernhard Hensel, and Kurt Hess, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 31, 1934, Serial No. 737,762
In Germany July 31, 1933
3 Claims. (Cl. 250—27.5)



1. An electronic device comprising an envelope, an electrode assembly including an anode within the envelope for developing a cathode ray beam upon the application of suitable voltages to the various portions thereof, a plurality of electron beam deflecting electrodes, a stem member for supporting the electrode assembly and the deflecting electrodes, insulating members for supporting the deflecting electrodes from the anode and a plurality of conductors connected to the deflecting electrodes and the envelope wall and passing through the envelope wall.

2,128,760
LIQUEUR AND METHOD OF MAKING SAME
Abraham Shapiro, Chicago, Ill.
Application July 1, 1937, Serial No. 151,524
10 Claims. (Cl. 99—30)

4. The method of making an alcoholic drink which comprises making a hot aqueous solution of sucrose and lactose, mixing alcohol therewith, the final concentrations with respect to water of the sucrose and lactose being about 68 and 2.7 per cent respectively and bottling the mixture whereby within about twelve hours after cooling, large crystals will form.

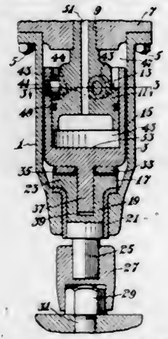
5. The method of claim 4 wherein said mix-

ture is bottled prior to crystallization and provided with a framework of sufficient strength to



support the encrustment of large crystals formed thereon.

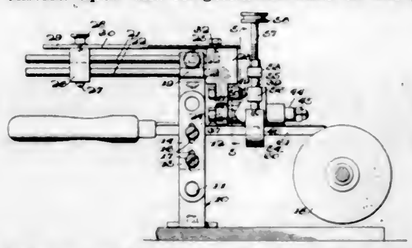
2,128,761
IMPACT WRENCH
Floyd H. Thomas, Milan, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application July 3, 1937, Serial No. 151,958
5 Claims. (Cl. 192—54)



1. In a tool of the character described, a rotary driving head, an anvil, a hammer member having a recess to receive the driving head and to thus form a pressure fluid chamber therebetween, engageable clutch members on the hammer member and anvil, means to introduce a pressure fluid in said chamber to normally maintain the clutch members in engagement and thereby maintain the hammer member slidably interlocked with the anvil, rollers on the hammer, and roller follower surfaces on the head coacting with the rollers to convert the pressure exerted by the pressure fluid into rotation of the hammer relative to the driving head.

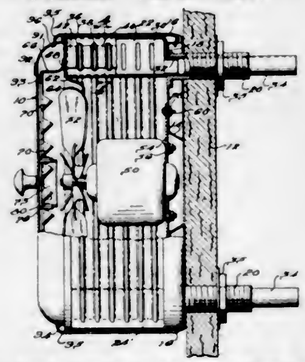
2,128,762
GRINDING MACHINE
Walter A. Weed, Orlando, Fla.
Application August 17, 1937, Serial No. 159,608
2 Claims. (Cl. 51—94)

1. In a grinding machine, a rotary grinding element, a relatively stationary support arranged upon one side of the grinding element, a supporting element pivotally mounted upon the relatively stationary support to be swung in a plane substantially parallel with the plane of rotation of the rotary grinding element, a pin mounted upon the pivoted supporting element and having its longitudinal axis arranged at substantially a right angle to the axis of rotation of the rotary grinding element, the pin being adapted to be shifted toward and from the periphery of the rotary grinding element, a work clamp comprising an inner unit having an opening pivotally receiving the pin so that the work clamp may be turned upon the longitudinal axis of the pin



and also moved longitudinally of the pin, a spring mounted upon the pin to move the inner unit in one direction longitudinally of the pin, said inner unit having a cam which is also mounted upon the pin, an operating element carried by the pivoted supporting element and arranged to engage the cam, an outer unit to coact with the inner unit, and means to draw the outer unit toward the inner unit.

2,128,763
AUTO BODY HEATER
Claude H. F. Whitlark and Frederick A. Wethe, Jr., Detroit, Mich., assignors to McAleer Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application August 6, 1936, Serial No. 94,588
4 Claims. (Cl. 257—137)



1. In a heater having an open face, a louver plate over said open face, said louver plate having transversely extending, downwardly directed louvers, baffles forward of said louver plate for closing said open face, and elongated mounting means one end of which is pivotally attached to each of said baffles and the other end of which is pivotally attached to said louver plate.

2,128,764
ELASTIC FABRIC
Howard A. Smith and May E. Smith, Fairfield, Conn.
Application June 27, 1936, Serial No. 87,604
2 Claims. (Cl. 139—421)

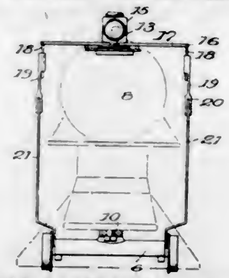
1. A sheer woven elastic fabric including a body portion having elastic weft yarn and spaced

bands woven in said body portion, each band comprising a plurality of adjacent elastic weft threads having greater resistance to stretch than the elastic weft yarn and certain of the warp and certain of the weft yarn being deflected from the plane of the fabric to enclose the elastic



threads, and other of said weft yarn maintaining the weft threads on a face of the body of the fabric, said spaced bands serving to offer greater resistance to stretch than the main body portion of the fabric and being spaced to increase the resistance to stretch where desired when the fabric is incorporated in garments.

2,128,765
DIRIGIBLE LOCOMOTIVE HEADLIGHT
Joseph S. Wing, Springville, Utah
Application August 22, 1936, Serial No. 97,464
1 Claim. (Cl. 240—62.1)



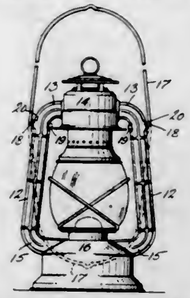
In a dirigible headlight for locomotives, standards one end of each of which is connected with each side of the locomotive truck and extends upwardly at the side of the latter, bars pivotally engaged with the upper ends of standards, links slidably mounted in the upper ends of said bars and levers one end of each of which is pivotally connected to one of said links and the opposite ends fixedly engaged with the headlight, said standards, bars, links and levers being spaced from and free from engagement with the locomotive.

2,128,766
WATCHCASE MOUNTING
Edward C. Anderson, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a corporation of Illinois
Application June 19, 1937, Serial No. 149,153
6 Claims. (Cl. 206—37)



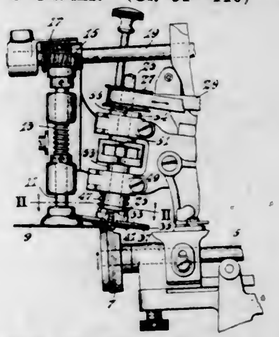
1. In a watch case mounting, the combination of a closure lid having an aperture therethrough, a watch case adapted to enter the aperture to fit freely therewithin, a frame surrounding the aperture and positioned to lie against the inner face of the lid, a hinged connection between the frame and case whereby the latter may swing outwardly from a position within the lid aperture to a point exteriorly thereof, and means for supporting the frame fixedly against the lid.

2,128,767
LANTERN
Robert A. Currie, Syracuse, N. Y., assignor to R. E. Dietz Company, New York, N. Y.
Application April 28, 1937, Serial No. 139,579
7 Claims. (Cl. 240—27)



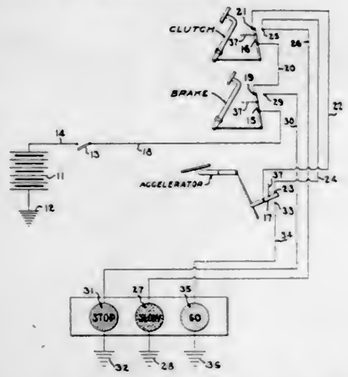
1. A lantern comprising frame tubes at opposite sides thereof, a carrying bail for the lantern, and pivotal connections between the bail and lantern frame comprising pivots projecting from the legs of the bail transversely through said side tubes, each tube having spaced bearings at its opposite side wall portions in which the pivot passing through said tube engages, said pivot and bearings being normally disposed with their axes somewhat out of alinement so that the pivot bears against one bearing above and the other bearing below its center whereby the pivot is strained by swinging the bail from one of its positions to another and acts to releasably hold the bail in said position.

2,128,768
ROUGHING MACHINE
Newell V. Dyer, Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application April 9, 1934, Serial No. 719,635
8 Claims. (Cl. 51—110)



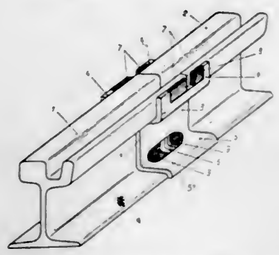
1. A machine for roughing the margin of a piece of sheet material having, in combination, means including a feed roll and a feed disk for feeding the work, an edge guide, a rotary abrasive disk arranged to engage the work and progressively abrade the margin thereof, said abrasive disk being bodily movable toward and from the feed roll, and a stop for limiting its movement toward the roll.

2,128,769
SIGNAL FOR AUTOMOBILES
Lloyd O. Finnell, Morning View, Ky.
Application March 30, 1936, Serial No. 71,561
1 Claim. (Cl. 177—339)



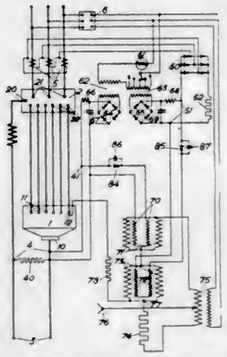
In a signal device, the combination with a foot accelerator pedal, a clutch pedal and a brake pedal, a two position switch operable by each pedal and consisting of a movable blade actuated by its respective foot pedal and having two stationary terminals, a source of electrical current, an electric connection between said source and said switch operated by said brake pedal, a switch in said electrical connection, an electrical connection between one of the terminals of said brake switch and the blade of said clutch switch, one of the terminals of said clutch switch being electrically connected to the blade of said accelerator switch, one of the terminals of said accelerator switch being electrically connected to the other terminal of said clutch switch, an electrical connection from said last named terminal to a light for illuminating a "slow" signal, the other terminal of said brake switch having an electrical connection with a second light for illuminating a "stop" signal, the other terminal of said accelerator switch having an electrical connection with a third light for illuminating a "go" signal and all of said signal lights having a common return to said source.

2,128,770
RAIL JOINT
Pietro Forcella, Rome, Italy
Application August 5, 1936, Serial No. 94,313
In Italy August 8, 1935
2 Claims. (Cl. 238—164)



2. A rail joint comprising a pair of metal cheek plates adhering to the lateral faces of the rails to be joined and conforming to the shape of the sides of the heads and webs as well as the under sides and lower portions of the lateral sides of the heads and also the top sides of the flanges of said rails, each of said cheek plates having a wide opening located wholly within the edges of the cheek plates and extending a distance up on the webs and down upon said flanges of said rails, weld-blocks forming welded masses of metal located within said openings and within the edges of said cheek plates and disposed against the edges of said openings which are generally opposite to the plane of the rail junction, each of said weld blocks being applied partly upon the webs and partly upon the flanges of said rails, there being upwardly extending spaced rigid projections on the upper portions of the cheek plates disposed against the lateral sides of said heads of the rails, and weld blocks upon said lateral sides of the heads of said rails located between and secured to the projections on said upper portions of said cheek plates.

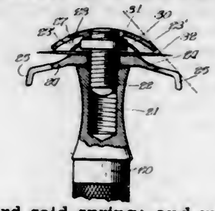
2,128,771
REGULATING MEANS FOR CURRENT RECTIFYING OR CONVERTING APPARATUS
Harry Forssell and Håkan Öfverholm, Ludvika, Sweden, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a corporation of Sweden
Application May 15, 1936, Serial No. 79,912
In Sweden May 18, 1935
7 Claims. (Cl. 175—363)



1. In current rectifying or converting apparatus, an ionic discharge valve, grids for controlling the current passage through said valve, means for impressing an alternating voltage on said grids, means, including two magnetizing windings interlinked with different iron paths, for regulating the phase of said grid voltage, and means for determining the currents in said two magnetizing windings individually and each in dependence of one of two different electric load quantities of said rectifying or converting apparatus.

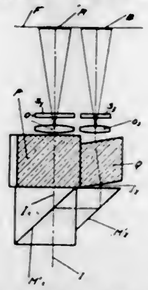
2,128,772
SAFETY RAZOR
Leslie P. Green, Chicago, Ill.
Application December 2, 1933, Serial No. 700,694
Renewed January 25, 1938
8 Claims. (Cl. 30—73)

1. A safety razor comprising a double edged flexible blade; a guard member on one side thereof, a centrally arched curved leaf spring contacting with said blade along lines spaced back from and substantially parallel with each edge thereof, the central part of the blade being free at both sides of the center for centrally



arching toward said spring; and means for adjusting the tension of said spring.

2,128,773
ARRANGEMENT FOR TAKING MOTION PICTURES IN NATURAL COLORS
Jean Marie Gutmann and Pierre Angénieux, Paris, France
Application February 7, 1935, Serial No. 5,464
In France February 17, 1934
2 Claims. (Cl. 88—16.4)



2. In an optical system for taking kinematograph pictures in natural colors, three objectives grouped to give three separate images in one normal picture space of a standard strip of film and provided each with an appropriate screen for one of the three selected primary colors, the axes of said objectives being parallel, a prism block comprising parallel surfaces inclined at 45° to the axes of a pair of the objectives, one of the said surfaces being semi-reflecting and the other substantially completely reflecting for transmitting light partially to one of said pair of objectives and partially to the other of said pair of objectives, a prism beside said prism-block and provided with parallel faces inclined to the axis of the third objective for offsetting toward said prism-block light passing to the third objective, and at least one lens adjustable along its own optical axis for locating an image of the object to be photographed at a predetermined finite distance relative to the three objectives.

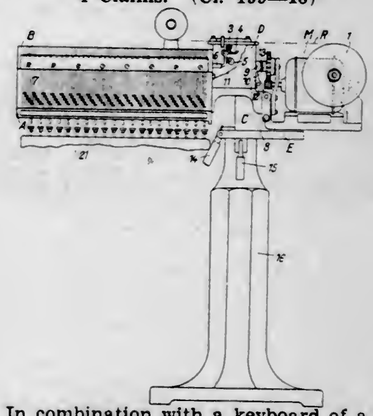
2,128,774
MANUFACTURE OF STITCHED AND CEMENTED FOOTWEAR
Friedrich Holland, Brockton, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware
Application September 26, 1935, Serial No. 42,180
4 Claims. (Cl. 12—142)

1. A method of protecting shoe stitching from soiling, which comprises, providing a wax-free thread, lubricating said thread with a liquid capable of forming a soluble coating, sewing shoe parts together with said thread while the lubricant is still wet, applying a soluble coating over exposed portions of said stitching, using said shoe parts to make a shoe and, after the shoe is com-



pleted, dissolving said coating and the lubricant in the exposed portions of said stitching.

2,128,775
MECHANICAL KEYING ATTACHMENT FOR TYPESETTING MACHINES AND THE LIKE
Karl Höper, Berlin-Charlottenburg, Germany, assignor to M. Erich Blume, Leipzig, Germany
Application June 25, 1937, Serial No. 150,356
In Germany July 18, 1936
4 Claims. (Cl. 199—18)

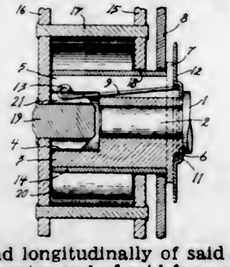


1. In combination with a keyboard of a typesetting machine or the like, a unitary self supporting keying attachment for said keyboard, comprising, an operating mechanism and a stationary support for the latter arranged for independent mounting to one side of said keyboard and in fixed relation thereto and rigidly connected to said operating mechanism for normally supporting the latter in an operative position relative to said keyboard, said support being provided with a movable joint to permit movement of said mechanism from said operative position to another position for providing access to said keyboard.

2,128,776
REEL MOUNT SPINDLE
Albert S. Howell, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a corporation of Illinois
Application June 28, 1935, Serial No. 28,901
2 Claims. (Cl. 242—70)

1. In a device of the character described, the combination with a reel including two axially spaced side plates one of which is provided with an axial mounting aperture and the other of which is provided with an axial mounting projection extending toward the first mentioned side plate, of a revoluble spindle provided with a projecting reel mount end portion and with an axial

bore extending inwardly from the corresponding end thereof and engageable with said axial projection for the mounting of the reel and further provided with a longitudinally extending radial slot extending inwardly from the exterior thereof and communicating with said bore, a spring driving member secured with said spindle inwardly of said end and extending with a free portion



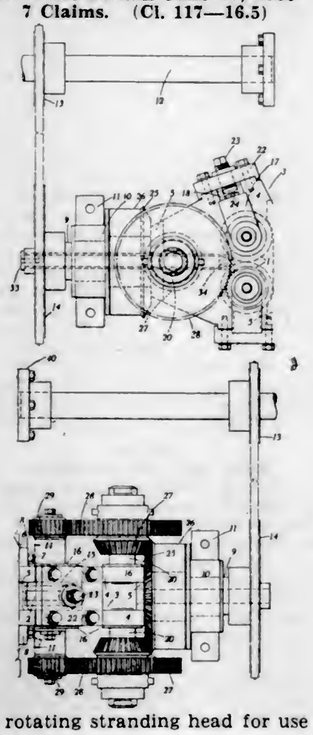
thereof in and longitudinally of said slot toward said end, the outer end of said free portion being radially engageable with said axial projection and yieldable outwardly of the spindle axis, and a cylindrical member carried with the spindle and surrounding said end portion thereof to shroud the same and engageable with said mounting aperture of said first mentioned reel side plate for the mounting of the reel.

2,128,777

MACHINE FOR PRODUCING WIRE STRANDS

Philip Vassar Hunter, London, and Harry Hill, Belvedere, Kent, England, assignors to Callender's Cable and Construction Company Limited, London, England, a British company

Application June 3, 1937, Serial No. 146,247
In Great Britain June 17, 1936
7 Claims. (Cl. 117—16.5)



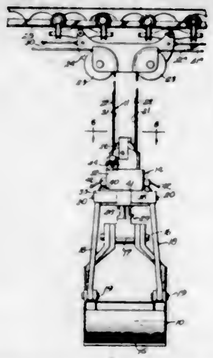
1. In a rotating stranding head for use with a machine for the manufacture of pre-spiralled strand, a roll die comprising a pair of rolls, means for rotatably driving the rolls of said die, a second roll die, in close proximity to the first said roll die, comprising a pair of rolls adapted to act upon the strand passing through the head in a direction transverse to that in which the rolls of the first said die act, and means for rotatably driving the rolls of said second roll die and means for proportioning the value of the torque applied to the rolls of the first said die relative to that applied to the rolls of the said second die.

2,128,778

MATERIAL HANDLING APPARATUS

Charles S. Johnson, Champaign, Ill.

Application June 9, 1937, Serial No. 147,172
5 Claims. (Cl. 212—81)



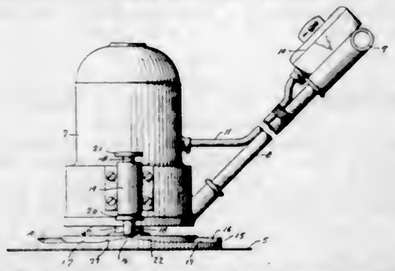
5. In a material handling apparatus, a clamshell bucket including a pair of shells pivotally connected to a central counterweight, as associated operating tackle including a vertically movable pulley, means including interfitting projections on said counterweight and pulley movable rotatively into and out of engagement for detachably connecting the same in operative relation, means for releasably locking said projections against inadvertent relative rotation, an attachment head having an aperture therein accommodating said pulley for vertical movement therethrough and means for operatively connecting said shell and said head.

2,128,779

METHOD AND APPARATUS FOR TREATING CEMENTITIOUS MIXTURES

Theodore C. Knight, Buffalo, N. Y.

Application February 19, 1937, Serial No. 126,711
18 Claims. (Cl. 94—48)



1. In an apparatus for treating cementitious mixtures, the combination with a shaft and a motor for driving the same, of a disc-shaped float carried by and rotatable with the shaft, and means for tamping the float during its rotation.

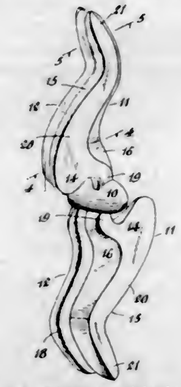
2,128,780

AIRPLANE PROPELLER

Michael Leff, Buffalo, N. Y., assignor of one-half to Lawrence C. Lake, Kenmore, N. Y.

Application December 20, 1937, Serial No. 180,739
3 Claims. (Cl. 170—165)

1. An airplane propeller, comprising a hub, and a plurality of pairs of blades radiating from said hub, the blades of each pair being disposed side by side axially of the hub to provide a comparatively narrow air pocket therebetween, the front blade of each pair having its leading edge disposed forwardly of the corresponding edge of the rear blade and the trailing edge of said front blade terminating forwardly of the corre-



sponding edge of said rear blade, the rear marginal side of the leading portion of said front blade being convexly curved toward the opposing face of the rear blade and the front marginal side of the trailing portion of said rear blade being convexly curved toward the opposing face of the front blade.

2,128,781

THREAD SPOOL CABINET

Alfred Lister, Montclair, N. J., and Alfred B. Frenning, Greenwich, Conn., assignors to The Spool Cotton Company, New York, N. Y., a corporation of New Jersey

Application November 20, 1936, Serial No. 111,776
1 Claim. (Cl. 312—45)



A thread spool cabinet comprising a plurality of parallel rows of chambers, a row of chambers being formed by two pieces of continuous material secured together and having matching recesses forming the chambers, each chamber being adapted to receive a stack of spools arranged end to end, the piece of material forming the rear walls of said chambers extending upwardly beyond the upper edge of the piece forming the front walls for a distance greater than the height of a spool, said piece forming the rear wall having aligned recesses in said part which extends upwardly beyond the other piece, a stop at the top of said piece forming the rear walls of said chambers, a spring in each chamber adapted to force the stack of spools against said stop, and an abutment for said spring extending through aligned recesses in said pieces.

2,128,782

PROCESS OF MANUFACTURING NONINFLAMMABLE ARTICLES OF ORGANIC FIBROUS MATERIALS

Bernhard Müller, Berlin-Charlottenburg, Germany, assignor to Rutgerswerke-Aktiengesellschaft, Berlin, Germany

No Drawing. Application October 26, 1936, Serial No. 107,646. In Germany December 14, 1935
7 Claims. (Cl. 92—21)

1. In a process of manufacturing non-inflammable articles of organic fibrous materials the steps of preparing an aqueous pulp of an organic fibrous material, adding to said pulp a solution containing as essential components ammonium hydroxide and a water soluble salt of phosphoric acid, selected from the group consisting of the phosphates of ammonium, sodium or potassium, admixing to the mixture thus obtained an aqueous solution of a water soluble metal salt of fluosilicic acid selected from the group consisting of the fluosilicates of magnesium, zinc and aluminum to precipitate a water insoluble metal ammonium phosphate and silicic acid on the fibres of said fibrous material, and then forming the treated pulp into non-inflammable articles.

2,128,783

BENT PLYWOOD

Orville R. Owens, Chicago, Ill., assignor to Wells-Gardner & Company, Chicago, Ill., a corporation of Illinois

Application March 22, 1937, Serial No. 132,191
1 Claim. (Cl. 20—89)



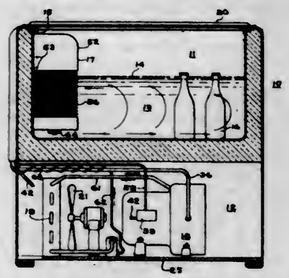
A bent board of plywood having its several plies united and extended continuously throughout the bend, the ply to the inside of the bend having a transversely extending section removed therefrom at a point within the bend and having its inner surface united throughout its extent to the adjacent bent ply with its opposed edges in abutting relation, whereby to reduce the circumferential length of the inner ply without the setting up of a compressive force therein.

2,128,784

LIQUID COOLER

Robert H. Tull and Elo C. Tanner, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

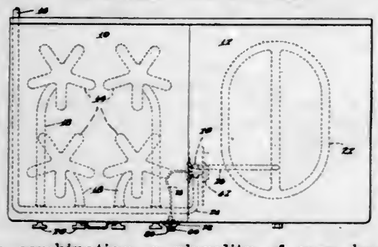
Application December 18, 1936, Serial No. 116,476
8 Claims. (Cl. 62—101)



6. In a refrigerating apparatus for the wet cooling of bottled beverages, the combination of a cabinet embodying an apparatus compartment,

a bottled beverage storage compartment having an access opening therein, a cover for closing said access opening, said storage compartment being adapted to contain a liquid bath for immersing bottled beverages, a refrigerating system associated with the cabinet including a heat absorbing element extending into said liquid bath to absorb heat therefrom, a propeller for circulating the liquid of said bath, a motor for driving the propeller, both said motor and said propeller being disposed entirely within said storage compartment and means for supporting the heat absorbing element, the motor and the propeller as a unitary structure so that they are removable from said storage compartment as a single entity through said access opening.

2,128,785
OVEN REGULATOR
Anton M. Vedoe, Wollaston, Mass., assignor, by mesne assignments, to Robertshaw Thermostat Company, Youngwood, Pa., a corporation of Pennsylvania
Application September 8, 1931, Serial No. 561,547
1 Claim. (Cl. 236—15)



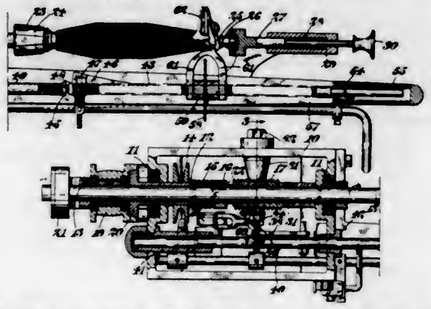
In combination, a plurality of open burners, a gas manifold extending along said burners and adapted for supplying gas thereto, an oven, a thermally operated device disposed within the oven, a controlling device disposed within the oven and in proximity to said thermally operated device, a selecting device adjacent the manifold and flexible rotatable means operatively connecting said selecting device and said controlling device.

2,128,786
YARN-WINDING MACHINE
Charles Marsden, Bombay, British India
Application July 25, 1935, Serial No. 33,187
In Great Britain June 18, 1935
8 Claims. (Cl. 242—31)



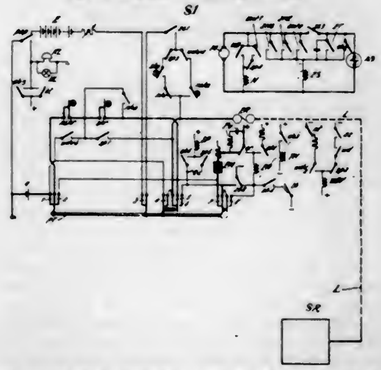
1. In a winding machine for winding yarn or the like in conical chases, the combination comprising a traverse-rod, a slotted traverse-rod extension, a progression wheel having a hub mounted on said extension, and a former-bar carried by the traverse-rod and adapted to be received in the slot in the traverse-rod extension and formed with a wedging surface adapted to cooperate with the interior of the hub of the progression wheel to displace the traverse-rod extension laterally relatively to the traverse-rod at the commencement of the formation of a package to build the heel thereof.

2,128,787
MACHINE FOR WINDING YARN AND THE LIKE
Charles Marsden, Ahmedabad, Bombay, British India
Application May 25, 1936, Serial No. 81,742
In Great Britain June 18, 1935
2 Claims. (Cl. 242—31)



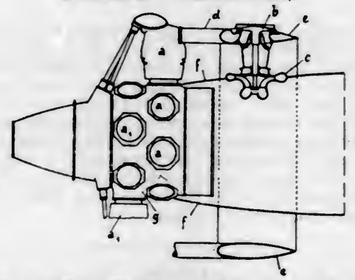
1. In a machine for winding strand material in conical chases, the combination comprising a winding spindle, a worm mounted on the winding spindle to rotate with the latter, a traverse-rod, a thread-guide adapted to be reciprocated by the traverse-rod to traverse the strand material longitudinally of the winding spindle, a progression wheel carried by the traverse-rod for effecting a step-by-step relative displacement between the thread-guide and the winding spindle longitudinally of the latter in accordance with the growth of the package, a worm wheel which engages and is driven by the said worm, a slow-speed traverse-cam formed directly in a face of the worm wheel itself, a bell-crank lever pivoted to rock about an axis parallel to the axis of the worm wheel, a follower mounted on one arm of the bellcrank lever and engaging the cam-track of the worm wheel, and means coupling the other arm of the bellcrank lever to the said traverse-rod.

2,128,788
TELEGRAPH INSTALLATION
Max Amann, Ludwig Günther, and Alfred Lahl, Frankfort-on-the-Main, Germany, assignors to Nationale Telephon- und Telegraphenwerke G. m. b. H., Frankfort-on-the-Main, Germany, a corporation of Germany
Application March 28, 1936, Serial No. 71,418
In Germany April 18, 1935
12 Claims. (Cl. 178—23)



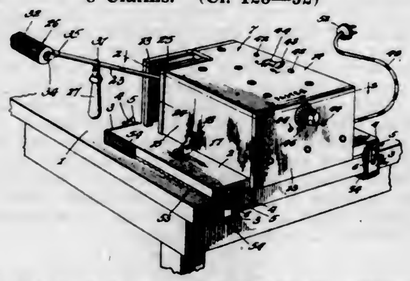
1. A telegraph system comprising a line and a station at each end of said line, each station comprising a printing telegraph apparatus, an answer back device, switch means for making said answer back device operative and means adapted, on actuation by a signal received through said line and also on actuation of a key of the telegraph apparatus at the station at which said means are located, to bring said switch means into operation.

2,128,789
AIRCRAFT MACHINERY
René Anxionnaz, Paris, France
Application February 8, 1936, Serial No. 63,000
In France February 16, 1935
4 Claims. (Cl. 244—59)



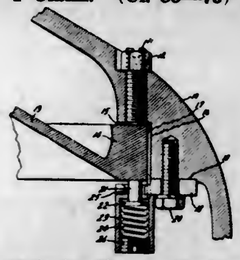
1. In an aircraft, the combination of a fuselage, an air-cooled engine carried by said fuselage having at least one row of cylinders projecting radially from said fuselage so as to be cooled by the relative wind produced along said fuselage by the movement of said aircraft, and a turbo-compressor carried by said fuselage behind said row of cylinders, said turbo-compressor including a turbine having its axis at right angles to the engine axis and a compressor coupled directly with said turbine coaxially therewith, said turbine being located substantially in a cylindrical surface coaxial with said engine and passing through the outer ends of said cylinders, and said compressor being located between said turbine and the axis of said row of cylinders.

2,128,790
MASSAGING APPARATUS
Herbert C. Barbour, El Paso, Tex.
Application July 20, 1936, Serial No. 91,588
5 Claims. (Cl. 128—52)



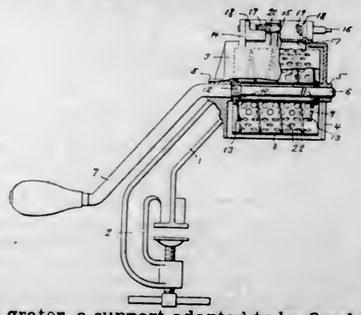
1. An apparatus of the character described, comprising a motor, a disc carried by and rotating with the shaft of said motor, a rod carried by said disc and having reciprocating motion imparted to it during rotation of the disc, an operating element at the outer end of said rod, and a handle disposed laterally of the rod and loosely engaged with said rod and constituting a fulcrum for the rod shiftable along the rod.

2,128,791
MEANS FOR ADJUSTING REFLECTORS
Frank A. Benford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 15, 1936, Serial No. 100,865
1 Claim. (Cl. 88—73)



In a light projector the combination of a drum closed at one end, a reflector, and means for supporting and adjusting the rim of said reflector comprising a pair of spaced parallel annular surfaces at the closed end in said drum, adjusting screws projecting through the end wall of said drum and through one of said parallel surfaces against one side of the rim of said mirror, and a ring attached to the other of said parallel surfaces and provided with spring operated plungers axially aligned with said screws and projecting against the other side of said rim to respectively urge said rim against said adjusting screws whereby said mirror rim may be adjusted solely by said adjusting screws.

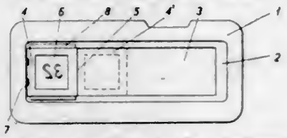
2,128,792
CHEESE GRATER
Anthony Berarducci, McKeesport, Pa.
Application November 16, 1937, Serial No. 174,877
1 Claim. (Cl. 146—92)



In a grater, a support adapted to be fixed to an edge of the table to incline upwardly and inwardly over the same, a crank operative shaft journalled in the upper end of the support to extend horizontally therefrom, a cylindrical foraminous grater fast on said shaft for rotation thereby and having an open end, a housing extending from said end of the support in enclosing relation to the grater and having an open bottom for the discharge therethrough of grated material accumulating on the outside of the grater, and an opening in one end for the discharge therethrough of grated material accumulating in the inside of the grater, said housing having a hopper at the top thereof communicating therewith for the feed of material therethrough to the grater, a downwardly tensioned hinged presser plate in said hopper and over the grater for urging material against the latter, and a coil spring fitted into

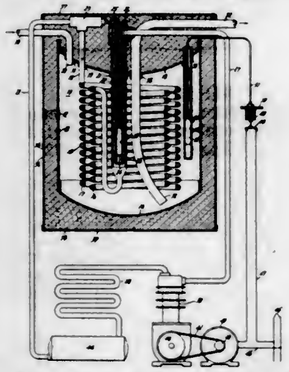
said grater to rotate therewith and under such rotation thereof deflecting material in the grater to the open end thereof.

2,128,793
ADDRESS CARD OR THE LIKE
Edmund T. Bondy Bey, Prague, Czechoslovakia
Application April 2, 1937, Serial No. 134,604
In Czechoslovakia March 9, 1934
3 Claims. (Cl. 129—16.7)



1. In an index card, a body of sheet material having a thickened margin, said body having a strip cut on three sides and folded back upon itself to form a pocket and to leave a window through the body, means to secure the free end of the strip to the body, said pocket having an opening through its walls as a window, and an exchangeable insert member loosely held in said pocket.

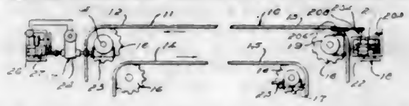
2,128,794
LIQUID COOLER
Ralph E. Billings, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application March 26, 1937, Serial No. 133,217
7 Claims. (Cl. 62—141)



1. A liquid cooler including a casing forming a liquid chamber, means including a refrigerant evaporator for cooling the liquid therein, means for supplying liquid refrigerant to said evaporator, means including an expansion valve located at the inlet of said evaporator for controlling the admission of refrigerant thereto, and means including a thermostatic element disposed within said chamber adjacent the lower portion thereof and arranged in the outlet of said evaporator in good heat exchange relationship with the vaporized refrigerant therein for controlling said expansion valve.

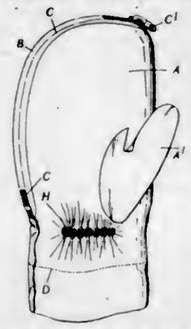
2,128,795
AUTOMATIC SPEED ADJUSTING DEVICE FOR MULTIPLE DRIVE CONVEYER SYSTEM
Leonard J. Bishop, Detroit, Mich., assignor to Mechanical Handling Systems, Inc., a corporation of Michigan
Application November 28, 1932, Serial No. 644,591
4 Claims. (Cl. 198—203)

1. In an article conveying system, a conveying chain, a driving and speed governing means engaging and driving said chain, said speed governing means having means thereon for adjusting the speed of operation thereof, an additional driving unit engaging and driving said chain at spaced interval along the length of said chain, said additional driving unit being connected to said chain and comprising a source of power, a speed varying device connected therewith for transmitting driving torque therefrom, a movable speed reduction differential mechanism hav-



ing a torque transmitting connection with said speed variable device and also with said speed governing means, and movable in response to a differential in torque between said speed varying means and said speed governing means, and means for varying said speed varying device controlled by the movement of said differential mechanism and operating continuously to vary the speed of the speed varying device while said movable mechanism is in a position other than its predetermined normal position.

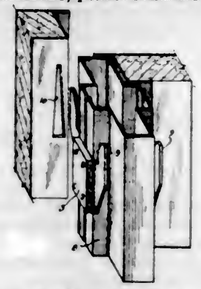
2,128,796
HAND COVERING
Robert Böhm-Myro, London, England
Application June 8, 1937, Serial No. 147,123
In Great Britain June 19, 1936
2 Claims. (Cl. 2—158)



1. A hand covering comprising an inner glove having a thumb stall and separate finger stalls, an outer mitten secured at the wrist to said inner glove having a separate thumb stall and a bag-like portion together adapted to enclose the entire inner glove, and a slide fastening device extending along the top and down one side of the bag approximately as far as the wrist on the side remote from the thumb, said fastening device adapted when released to enable the back and front portions of the bag and the thumb stall to be turned back to form a cuff and to expose the whole inner glove except the wrist.

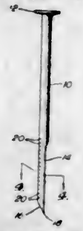
2,128,797
WALL STRUCTURE
John A. Bohnsack, Cleveland Heights, Ohio, assignor to The E. F. Hauserman Company, Cleveland, Ohio, a corporation of Ohio
Application August 21, 1934, Serial No. 740,798
9 Claims. (Cl. 189—34)

9. In partition construction, supports each comprising spaced apart channel members, sound retarding means at spaced intervals connecting said channel members, panel members, and means



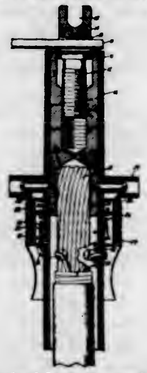
for hooking said panel members on said studs by relative movement thereon.

2,128,798
NAIL
Leonard W. Burr, Walnut Grove, Minn.
Application October 2, 1936, Serial No. 103,781
1 Claim. (Cl. 85—31)



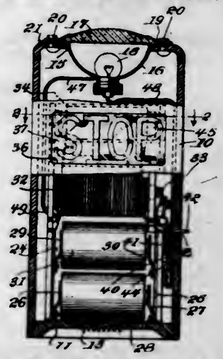
A nail comprising a shank having a head at one end, said shank being circular in cross section and having a weakened extension semicircular in cross section, said extension having a diameter equal to said shank and the flat face of the extension being parallel to the longitudinal axis of the shank, the curvature of the extension opposite the flat face thereof being slotted substantially transversely of the extension, the end of the extension having an angular face so arranged as to bend the extension about its flat face when the nail is driven.

2,128,799
ELECTRODE HOLDER
Verni J. Chapman, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 5, 1936, Serial No. 67,252
2 Claims. (Cl. 219—8)



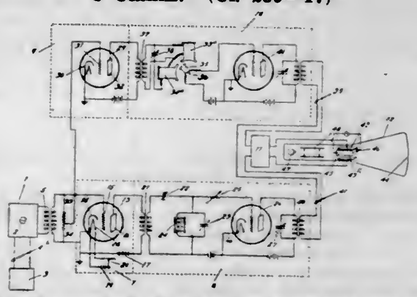
1. An electrode holder comprising a handle, a terminal block supported by said handle, a screw threaded into the end portion of said terminal block and having a transverse passageway with a wedge shaped surface through the agency of which an electrode inserted in said passageway is clamped against the end of said terminal block by said screw, and means for connecting a welding current conductor to said terminal block.

2,128,800
SIGNAL
Joseph A. Chinskey, Baltimore, Md.
Application May 25, 1936, Serial No. 81,759
1 Claim. (Cl. 177—329)



In a portable flashlight unit, a casing of substantially rectangular cross section providing a wide front wall to display a warning signal, a substantially U-shaped plate in the casing removably secured to the rear wall of the casing and having parallel legs extending along the ends of the casing toward the front wall of the casing, a battery in the casing carried by said legs, a transformer secured to said legs above the battery, a make and break device for the transformer, a window pane in the front wall of the casing, a reflector in rear of said pane, a neon light in the casing between the pane and the reflector, circuit wires connecting the transformer to the neon light, circuit wires connecting the battery to the transformer, and a switch on the casing controlling the flow of current to the last named circuit wires.

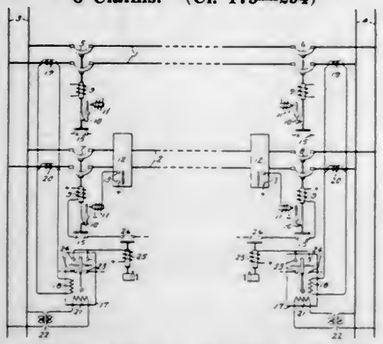
2,128,801
CARRIER SIGNALING SYSTEM
Austin G. Cooley, New York, N. Y., assignor to Wide World Photos, Inc., New York, N. Y., a corporation of New York
Application June 23, 1937, Serial No. 149,869
8 Claims. (Cl. 250—17)



1. The method of indicating a modulation in a

carrier which includes the steps of passing one portion of the carrier through one channel and another portion of the carrier through another channel, limiting the amplitude of the carrier in one channel, adjusting the phase of the carrier in one channel to phase opposition with the carrier in the other channel, combining the output of the two channels, and applying the resultant to a signal reproducing device.

2,128,802
AUTOMATIC RECLOSING CIRCUIT BREAKER SYSTEM
Selden B. Crary, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 10, 1937, Serial No. 130,031
8 Claims. (Cl. 175—294)



1. In combination, a plurality of parallel lines, a circuit breaker in one of said lines, means responsive to a fault on one of said lines for effecting the opening of said circuit breaker, and means dependent upon the amount of power flowing through said parallel lines at the time the fault occurs for controlling the reclosing of said circuit breaker.

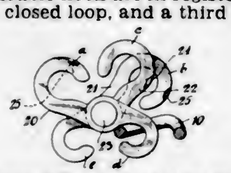
2,128,803
COUPLING
John Shearman Donaldson, St. Albans, N. Y.
Application August 31, 1936, Serial No. 98,660
5 Claims. (Cl. 152—14)



1. A coupling comprising two pivotally connected U-hooks facing in opposite directions, one of the hooks being a single hook and the other being a double hook, the hook portions of which are spaced to permit the hook portion of the single hook to enter between them, and the double hook being formed of a single length of wire bent to provide a loop at the shank end of the hook and having a cross-bar welded thereto on which the single hook is pivotally mounted.

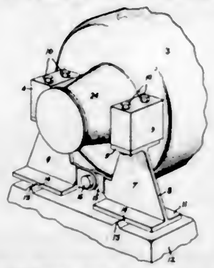
2,128,804
COUPLING DEVICE
John Shearman Donaldson, St. Albans, N. Y.
Application December 24, 1936, Serial No. 117,508
Renewed January 28, 1938
5 Claims. (Cl. 24—232)

1. A coupling device, comprising two hook members pivotally connected intermediate their ends and having like facing U-hooks at one end forming a double hook and oppositely facing U-hooks at the other end which when the hooks forming the double hook are in register with each other form a closed loop, and a third hook mem-



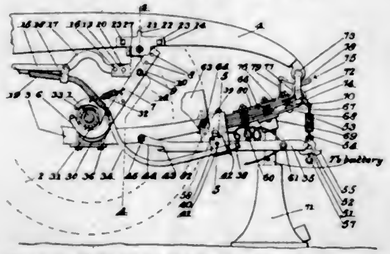
ber pivotally connected to the first said members and having a U-hook to swing between the hooks of said double hook, the single hook of said third member and said doube hook facing in opposite directions toward each other.

2,128,805
SUPPORT FOR ELASTIC FLUID TURBINES
John H. Doran, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application September 11, 1937, Serial No. 163,504
5 Claims. (Cl. 253—39)



1. An elastic fluid turbine having a casing, parts of which move both axially and radially in response to temperature changes, a base, a pair of members extending transversely to the axis of the casing and secured thereto for supporting a part of the weight thereof and preserving the axial alignment of the casing as it expands and contracts in the direction of its length, said members being yieldable in an axial direction and rigid in a plane perpendicular thereto, fulcrum supports for the members carried by the base permitting the members to tilt as the casing expands and contracts radially, and means connecting the members in a manner to cause equal tilting movements thereof.

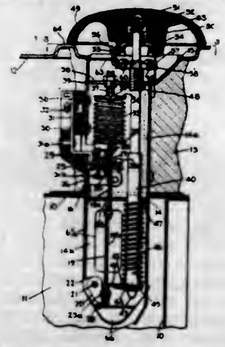
2,128,806
JACKING ATTACHMENT
Max Dwork, Brooklyn, N. Y.
Application October 17, 1936, Serial No. 106,219
10 Claims. (Cl. 280—150)



3. In a jacking attachment which comprises a double hook having a shank and means for pivotally mounting the shank on a chassis; said

double hook providing a working space, a claw pivoted to the double hook in said space, said claw having a cam adapted to engage the nether part of an axle tubing, and a spring connected between the shank and the claw against the tension of which the claw is turned when said engagement occurs.

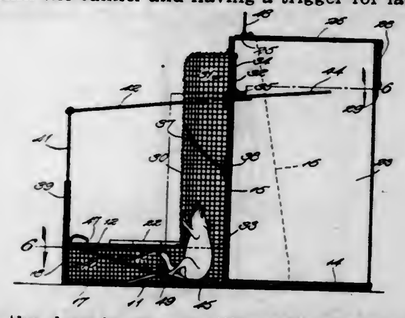
2,128,807
TEMPERATURE CONTROL DEVICE
Wallace J. Ettinger, Chicago, Ill., assignor to Edison General Electric Appliance Corporation, Inc., a corporation of New York
Application August 27, 1936, Serial No. 98,186
10 Claims. (Cl. 200—139)



1. A temperature control device comprising an elongated casing having side walls and an end wall, a relatively elongated temperature responsive element mounted lengthwise in said casing, the element having a relatively fixed portion and a portion movable in response to changes in temperature, a pivot in the end of said casing that is opposite said end wall, a support on said pivot, means securing said relatively fixed portion of said temperature responsive element to said support, a snap spring bearing on said movable portion, a fixed pivot in said end wall forming a bearing for the other end of said spring, an adjustment rod directed through said end wall having a mechanical connection with said support to vary its position on said pivot and thereby the angular relation of said movable portion of said temperature responsive element and said spring, and means outside of said casing for adjusting the position of said rod.

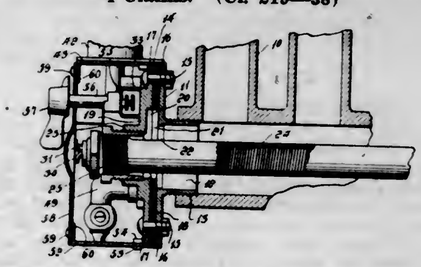
2,128,808
ANIMAL TRAP
August Fabian, New York, N. Y.
Application August 15, 1936, Serial No. 96,265
1 Claim. (Cl. 43—76)

A trap of the kind described comprising a cage having a tunnel opening through one end and bait compartments on opposite sides thereof, a partition rising vertically from the cage, an extension at the base of the cage and extended rearwardly of said partition, a liquid container seated upon said extension and open at its top, said container having an entrance port at the upper end thereof, flanges at the sides and top of the partition and coacting with the extension for interfitting of the container with the partition and separable seating thereof, a cover hinged to the partition and closing the open top of the container, a column rising from the cage and having communication with the port of said container and said tunnel, respectively, a door controlling the tunnel at the end opening through the cage, a tread pedal at the point of communication of the column with the said container and having connection with the door for the opening thereof when the pedal is loaded, pedal operated means within the tunnel and having a trigger for latch-



ing the door in open position and releasing the door when the pedal is subjected to a load, and a gravity operated gate pivotally connected to said container for closing said port to prevent an animal entrapped within said container from passing through said port after said container has been disengaged from said partition.

2,128,809
ELECTRIC HEATER FOR STEAM RADIATORS
Forest A. Fogg, Bath, Maine
Application September 2, 1937, Serial No. 162,191
4 Claims. (Cl. 219—38)

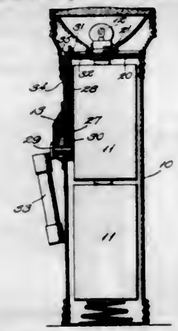


1. In combination with a radiator with an opening thereof having screw threads, a vertical mounting plate having a boss provided with screw threads engaging the first mentioned screw threads, a plate structure substantially co-extensive with and detachably connected to the mounting plate having a reservoir communicating with said boss, a heater screw threaded to the plate structure and extending from the plate structure through said boss into the radiator, thermostatic switch means on the plate structure controlled by the heat of water in the reservoir.

2,128,810
COMBINED FLASH LIGHT AND TESTER
Charles E. Fortine, Masury, Ohio
Application January 9, 1937, Serial No. 119,850
2 Claims. (Cl. 175—183)

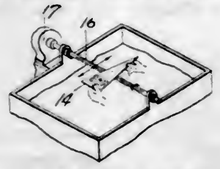
1. The combination with a portable flash light having a casing, a light circuit, and a switch in the circuit having an operating button slidably mounted on the side of the casing intermediate the ends of the casing, of an insulated conductor slidably mounted in the casing and connected in closed circuit position in the light circuit both in the "on" and in the "off" positions of the switch,

and an insulated test terminal connected to the conductor and projecting through the button, said test terminal having an uninsulated free end forming a contact exposed exteriorly of the but-



ton, the arrangement being such that the lamp circuit is closed when the terminals of an operative lamp or fuse to be tested are brought respectively into contact with the casing and with the contact.

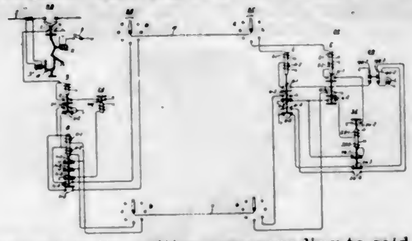
2,128,811
METHOD OF FLOCKING
Fred L. Foster, Lynn, Mass., assignor to Ranap Company Inc., Lynn, Mass., a corporation of Massachusetts
Application November 11, 1935, Serial No. 49,266
9 Claims. (Cl. 91—68)



1. The process of flocking which includes applying adhesive to the material to be flocked, applying loose flock to the same material, and generating static electricity among the flock particles to make them mutually repel each other and so stand on end on the material to be flocked, by providing relative frictional and rubbing contact between the material to be flocked and another surface.

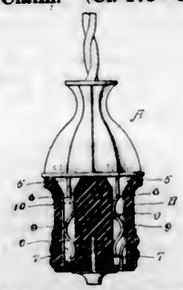
2,128,812
REMOTE SIGNALING SYSTEM
Ernst Fricke, Berlin-Pankow, Germany, assignor to General Electric Company, a corporation of New York
Application October 16, 1936, Serial No. 106,047
In Germany October 31, 1935
3 Claims. (Cl. 177—353)

3. In a remote signaling system, two stations, an apparatus unit at one station movable from one position to a second position and then back to said one position, means operative to transmit periodically from said one station to the other station an indication of the position of said unit, means for effecting the transmission by said transmitting means of a signal impulse indicating the movement of said apparatus unit from said one position to the second position and a subsequent signal impulse indicating the movement of said unit back to said one position when both of said movements of said unit occur during the same operating period of said transmitting means while it is inoperative to transmit an indication of the position of said unit, a signal at said other station individual to said apparatus unit, a manually controlled position indicator at said other station individual to said apparatus unit and movable to positions corresponding to the positions of said apparatus unit, means at said other station responsive to the transmission of said signal impulse indicating the movement of said apparatus unit to said second position for operating said signal in a predetermined manner while said position indicator is in its position corresponding to said one position of said unit, and means for storing at said other station said subsequent signal impulse while said position in-



dicator is in its position corresponding to said one position of said unit, means responsive to the movement of said position indicator to its position corresponding to said second position of said unit while said subsequent impulse is stored at said other station for effecting the operation of said signaling means so as to indicate the movement of said unit to said second position and for restoring said storing means to normal, and means responsive to the movement of said position indicator to its position corresponding to said one position of said unit while said signaling means is indicating the movement of said unit to said second position for rendering said signaling means inoperative.

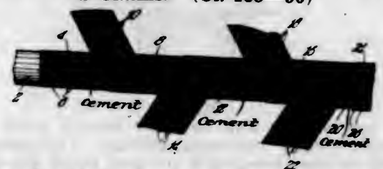
2,128,813
ELECTRIC SOCKET PLUG
Merlin S. Gagle, Middlesboro, Ky.
Application October 28, 1933, Serial No. 695,679
1 Claim. (Cl. 173—343)



In a separable plug, a socket member having spaced parallel recesses flared at their outer ends and provided with opposed straight walls, a contact finger permanently mounted in each recess and disposed against one wall thereof, a plug member, and contact prongs carried by the plug member and guided into the recesses by the flared outer ends thereof, said prongs having straight portions where they connect with the plug member and being reversely curved from said straight portions to their extremities to provide at least three succeeding bight portions, the bight portions extending equal distances on opposite sides of the lines constituting extensions of the axes

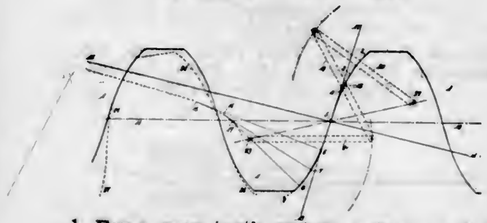
of the straight portions and their curvatures being of such degree that when the plug member is unconnected with the socket member parallel lines tangent to the peaks of the curvatures are separated a greater distance than the thicknesses of the recesses as defined by the prong contacting faces of the fingers and the opposite walls of the recesses, so that said curvatures are spread upon insertion of the prongs in the recesses to give each at least a three point contact in its recess of which at least one point of contact is with the contact finger, the straight portions of the prongs being so spaced relatively as to be out of contact with the walls of the recesses and contact fingers when positioned in said recesses.

2,128,814
HOSE
Daniel B. Gish, West Springfield, Mass.
Application October 21, 1936, Serial No. 106,880
2 Claims. (Cl. 138—56)



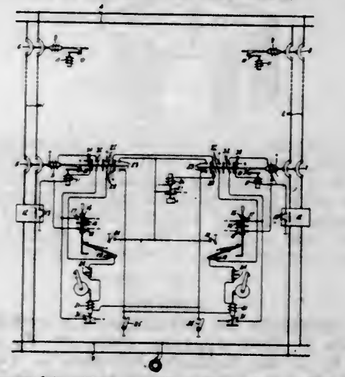
1. A flexible hose of the class described comprising in combination, a core having a bore, a reinforcing sheath around said core formed of a plurality of interlaced metallic elements, a layer of cement over said sheath, a restraining sheath around the reinforcing sheath consisting of a group of closely adjacent separate wire elements wound spirally in one direction, a second restraining sheath consisting of a group of closely adjacent separate wire elements wound spirally in an opposite direction over the first-named restraining sheath, a layer of cement over said second restraining sheath, a layer of adjacently-disposed separate fibrous elements wound spirally around the second restraining sheath in one direction, a second layer of adjacently disposed separate fibrous elements wound spirally over the first fibrous layer in an opposite direction, the said core, sheaths and layers forming a carcass, and a cover around said carcass, the whole being vulcanized.

2,128,815
GEARING
James John Guest, Knee Hill, Abbey Wood, England
Application January 16, 1936, Serial No. 59,461
In Great Britain January 18, 1935
10 Claims. (Cl. 74—462)



1. For a gear tooth system, a basic rack the profiles of which are formed of portions of curves having a point of inflexion at the pitch point of the rack and being symmetrical about said point of inflexion, the curvature progressively increasing from the pitch point towards the root and towards the tip of the tooth.

2,128,816
AUTOMATIC RECLOSING CIRCUIT BREAKER SYSTEM
Francis A. Hamilton, Jr., and Elbert H. Bancker, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application March 10, 1937, Serial No. 130,009
10 Claims. (Cl. 175—294)



1. In combination, a plurality of parallel lines, a circuit breaker in each of said lines, means for opening the circuit breaker in one of said lines, automatic reclosing means for the circut breaker in another of said lines normally unresponsive to the opening of its associated circuit breaker, means responsive to the opening of said circuit breaker in said one of said lines for rendering said reclosing means responsive to the opening of its associated circuit breaker, and means for opening the circuit breaker associated with said reclosing means.

2,128,817
FLUX DISTRIBUTING INSULATOR
Kent A. Hawley, Baltimore, Md., assignor to Locke Insulator Corporation, Baltimore, Md., a corporation of Maryland
Application March 3, 1933, Serial No. 659,576
3 Claims. (Cl. 173—318)

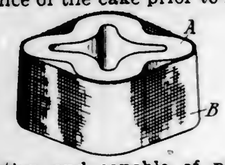


1. A high tension insulator comprising a dielectric body having a live end and a grounded end each equipped with a metallic fitting, said body being hollow, and a dielectric shell located within the hollow body and having portions of its wall of varying thickness and cooperating with the walls of the dielectric body for providing the maximum dielectric thickness of material at the live end of the insulator, the thickness gradually decreasing toward the grounded end.

2,128,818
MANUFACTURE OF ARTIFICIAL THREADS, FILAMENTS, AND THE LIKE
Horace James Hegan, Coventry, England, assignor to Courtaulds Limited, London, England, a British company
Application October 3, 1935, Serial No. 43,447
In Great Britain October 18, 1934
1 Claim. (Cl. 18—54)

In the manufacture of artificial threads, filaments, and the like, by the centrifugal process,

in which a wet cake of circular cross section is produced, the method which comprises radially indenting or corrugating and compressing the cake, confining said radially indented or corrugated cake in an inclosure having at least one opening and having a perimeter smaller than the circumference of the cake prior to its indentation



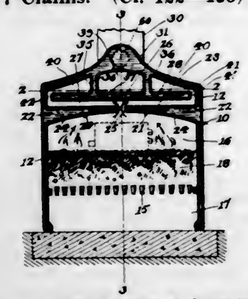
or corrugation and capable of preventing said cake from returning to its original circular in cross section shape, so that all parts of the thread in the cake are free to contract on drying without being subjected to undue tension, and removing at least a part of the water from the cake before said inclosure is removed from the cake.

2,128,819
METHOD OF MELTING CYANIDES
Donald A. Holt, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 26, 1937, Serial No. 171,139
16 Claims. (Cl. 23—84)

1. The process comprising melting an alkali metal cyanide at a pressure substantially less than atmospheric pressure.

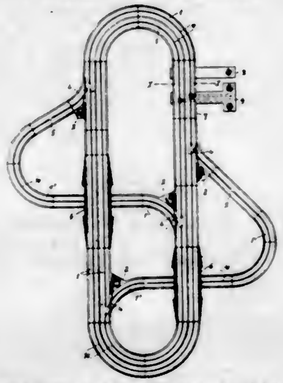
13. The process comprising heating an alkali metal cyanide at a pressure not exceeding about 250 mm. Hg to a temperature of 300–500° C. and then continuing the application of heat in an inert atmosphere until said cyanide is melted.

2,128,820
FURNACE
Ireneus Basil Holtz, Ashville, Pa.
Application February 10, 1938, Serial No. 189,859
7 Claims. (Cl. 122—135)



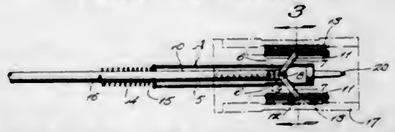
4. A furnace comprising a housing which is triangular in horizontal section, a flue, a grate section, a hollow dome covering the top of the housing, a header suspended from the dome and having the side edges spaced from the side walls of the housing to provide passages for the products of combustion, spaced means for suspending the header and forming in connection with the header and dome a discharge passage for the products of combustion to the flue, hollow deflectors in communication with the header projecting towards each other from the side walls of the housing and located between the grate and the header, the walls of the housing including water chambers in communication with the header, dome and deflectors.

2,128,821
SWITCH FOR DOUBLE TRACKS FOR TOY VEHICLES
Ernst Horn, Nuremberg, Germany
Application January 14, 1937, Serial No. 120,575
In Germany February 7, 1936
1 Claim. (Cl. 104—130)



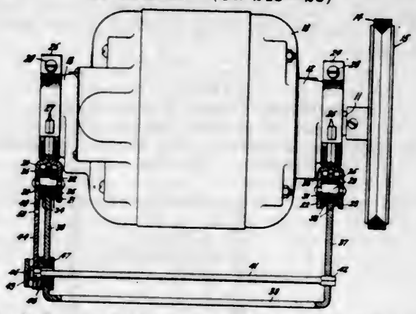
In an endless and rail-less double track for toy electrically operated vehicles, including a switch section insertable in said track for permitting the transfer of a vehicle from one track to the other, means for supplying electricity to said vehicles, said switch section having a main track portion and a spur track portion intersecting said main track portion, a switch tongue pivotally mounted intermediate its ends on said section adjacent the intersection of said portions, one end of said tongue being swingable to block completely either of said intersecting portions: a three-armed lever pivotally mounted on said section adjacent the other end of said tongue, one end of one arm of said lever providing an armature, an electro-magnet carried by said section adjacent said armature and adapted to attract the same when energized, a second arm of said lever extending at right angles to said first arm from the other end thereof, a spring secured to the free end of said second arm of said lever and operable to resist the attraction of said armature to said magnet, a third arm rigidly carried by said second arm intermediate its ends and at right angles thereto, the free end of said last named arm being pivotally secured to the other end of said tongue whereby movement of said L-shaped lever is transmitted to said tongue to swing the first named end of the latter across one or the other of said portions.

2,128,822
BRUSH
Edward D. Horne, West Palm Beach, Fla.
Application October 11, 1937, Serial No. 168,477
1 Claim. (Cl. 15—104.20)



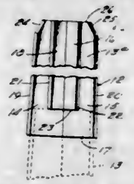
A brush of the kind described comprising a barrel, shaft means movably fitting in the barrel, a plurality of bristled or brush heads positioned about the circumference of the barrel, a toggle, each link of which is pivoted to a head at one end and pivotally connected at the other end to said shaft means, the said barrel having apertures for receiving the linkage and providing an abutment therefor, resilient means associated with the barrel and shaft means to normally hold the brush heads against the barrel, and a plurality of radially spaced stop wings carried by the barrel, said stop wings having symmetrically stepped shoulders, one group of which abut against the end of a pipe being cleaned whereby axial movement of the said shaft means with respect to said stop wings may spread the brush heads into operative engagement with said pipe.

2,128,823
MOUNTING FOR DYNAMO-ELECTRIC MACHINES
Edwin L. Horning, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application May 28, 1936, Serial No. 82,303
10 Claims. (Cl. 248—23)



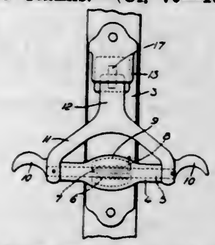
1. A dynamo-electric machine or the like having a stationary member and a rotatable member provided with a frictional driving connection, a mounting base, means for pivotally supporting said stationary member on said mounting base, a torsion spring rod, means for securing one end of said torsion spring rod to said mounting base and against turning movement with respect to said mounting base, and means including a segmental gear rockably mounted on said mounting base and arranged to cooperate with said pivotal supporting means for biasing said stationary member with respect to said driving connection, the other end of said torsion spring rod being received by said segmental gear in non-rotatable relation thereto.

2,128,824
CORNERPIECE
Joseph J. Hubschman, Omaha, Nebr.
Application February 2, 1938, Serial No. 188,367
2 Claims. (Cl. 20—5)



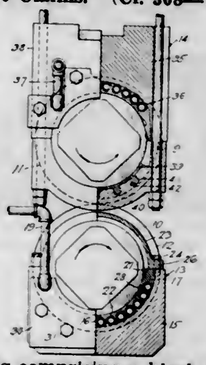
1. In a siding retaining and corner protecting means, an upstanding continuous non-composite one-piece body formed of a single length of material having a thick part and a thin part extending laterally in opposite directions with respect to the sides of the thick part, said body being of V-shaped contour in transverse cross section, said thick part providing the inner face of said body, lengthwise thereof with a rib, the side edges of said rib forming a pair of spaced shoulders inwardly adjacent to the side edges of said body, the outer face of said thick part being flush with the outer face of said thin part, said rib being of less length than the length of and having its upper end flush with the upper end of said thin part, said body decreasing in width from its lower to its upper end.

2,128,825
LOCKING DEVICE
Victor Teodor Julin, Djursholm, Sweden
Application August 4, 1937, Serial No. 157,449
In Sweden December 11, 1935
3 Claims. (Cl. 70—150)



1. In a locking device particularly adapted for swinging gates, a lock plate arranged along a vertical edge of the gate, a horizontal shaft carried by said plate, a locking arm extending substantially vertically along said plate and a portion of said locking arm extending in a substantially horizontal direction from the lower end of the locking arm to provide a handle, the locking arm being pivotally mounted on said shaft, a spring tending to move the vertical portion of the locking arm away from the edge of the gate, a shoulder for limiting the outward movement of the locking arm, and said shoulder forming a protective cap covering the upper end of the locking arm.

2,128,826
COOLED BEARING
Albert H. Jung, Flushing, N. Y.
Application July 1, 1937, Serial No. 151,327
10 Claims. (Cl. 308—77)



1. A bearing comprising a block having a coil-receiving recess, a coil of generally semi-cylindrical form set into said recess with the innermost surfaces thereof spaced outwardly from the bearing surface of the bearing a distance not

greater than the radius of the passage in the coil, said coil having a number of parallel lengths of pipe therein, means for securing the coil to the block comprising headed screws inserted between the pipes and having heads of greater diameter than the distance between adjacent lengths of pipe, and a cast bearing metal liner substantially surrounding said lengths and in direct contact with the surfaces thereof and anchored to the block thereby.

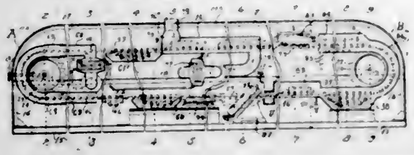
2,128,827

METHOD AND APPARATUS FOR MANUFACTURING THIN RUBBER ARTICLES

Fred L. Killian, late of Akron, Ohio, deceased; by Frank B. Killian, executor, Doylestown, Ohio; said Fred L. Killian, assignor, by mesne assignments, to Frank B. Killian, trustee, Akron, Ohio

Continuation of applications Serial No. 463,379, June 24, 1930, and Serial No. 474,019, August 8, 1930. This application March 9, 1938, Serial No. 194,903

16 Claims. (Cl. 18—4)



1. In apparatus of the character indicated a track comprising two parallel rails, a conveyor mounted between said rails for movement longitudinally thereof, arms secured to said conveyor said arms slidably contacting with said rails, a form mounting member hingedly secured to each end of each arm, a form rotatably secured on each mounting member, means to move the forms to different angular positions relative to said conveyor, and means to rotate the forms.

2,128,828

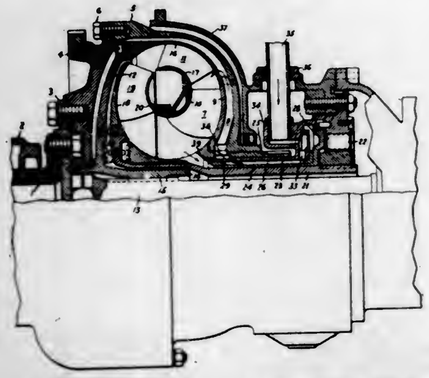
HYDRAULIC TRANSMISSION GEAR

Gustav Klepper, Berlin-Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York

Application April 7, 1937, Serial No. 135,567

In Germany April 23, 1936

2 Claims. (Cl. 60—54)



1. In a hydraulic power transmitting gear, the combination of a pair of shafts axially alined, an annular casing connected to one of said shafts and arranged to rotate therewith, pump vanes arranged in said casing and attached to said wall, a turbine wheel in said casing attached to said second shaft and provided with vanes, a fluid in said casing circulating between said pump and turbine vanes during rotation of the said casing, and means for cooling said fluid including a dividing fin on said pump vanes, said fin forming with said turbine wheel a working circuit for said pump and turbine vanes and simultaneously dividing the surface of said pump vanes to form a second group of pump vanes between itself and the wall of said casing, said second group of pump vanes being separated from said first set of pumping vanes but rotating in unison therewith, a sleeve surrounding said driven shaft and provided with ducts opening respectively into said casing and to the intake end of said second pumping means, separate headers on said sleeve, and connections thereon adapted for connection to the terminals of a cooling system whereby fluid from said casing is circulated through said ducts and said cooling system by the said second pumping means.

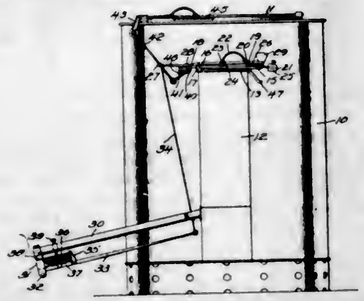
2,128,829

BROODER STOVE REGULATOR

Hilmer E. Koenig, Farrar, Mo.

Application August 14, 1936, Serial No. 96,081

1 Claim. (Cl. 236—6)



A regulator of the character described comprising a damper bodily movable to opening and closing positions with respect to an inlet draft flue, a rocking loop trunnioned at one side of said damper for fulcrum action and having a cradle extension at its trunnioned point, a weighted lever pivotally supported with respect to said damper at the side thereof diametrically opposite to the trunnioned point of the loop, a connection centrally of said damper and loosely fitted with said lever, said lever being in overhanging contacting relation to the loop, a rocking yoke having fulcrum connection with the cradle extension, a weight carried by said yoke and contacting with the lever at the point of its contact with the loop, a hook extension on said yoke at its fulcrum with the cradle extension, bearings on the cradle extension, an adjustable lever pivoted in said bearings and having a crank for linkage with the crank of a regulating arm for a check heat valve of a stove, a stationary hanger below said hook extension, a trigger carried by and pivotally supported spaced from said hanger, a thermostat unit carried on the trigger and disposed between the latter and the said hanger, supports above and below the thermostat unit and having corrugations for spacing the latter therefrom and allowing free air flow therebetween, and a link hung upon said hook extension and loosely connected with the trigger.

2,128,830

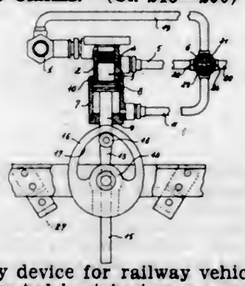
SAFETY DEVICE FOR RAILWAY VEHICLES AND THE LIKE

Gustave Lecat, Villefranche-sur-Saone, France

Application September 27, 1937, Serial No. 166,007

In France November 13, 1936

5 Claims. (Cl. 246—200)



1. A safety device for railway vehicles, adapted to be actuated by tripping means located on the track, said device comprising in combination an air valve in communication with the compressed-air brake line, said valve being adapted to open automatically when it is released; means to retain said valve at the closed position, said means being adapted to be brought to inoperative position by said track tripping means; means actuated by compressed air from the brake line to return said air valve to the closed position and said retaining means to operative position; an exhaust line from said air valve to the atmosphere; and manual means to control simultaneously and in inverted relation said exhaust line and said compressed-air returning means so as to close the former when actuating the latter.

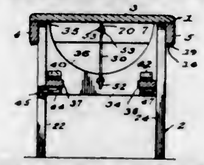
2,128,831

COMBINED KEG RACK AND TABLE

Charles A. Lee, Washington, D. C.

Application September 1, 1937, Serial No. 162,038

1 Claim. (Cl. 248—150)



In a supporting structure for the purpose set forth, a foldable and extendible sustaining element including a pair of side members of like form having their upper ends provided with aligned semi-circular edge portions, two spaced pairs of spaced uprights, each of said members being secured to an upright of each pair, extension bars arranged inwardly of the uprights and between said members, means for hinging the ends of said bars with the inner faces of the side members, and shiftable spaced means carried by each of said bars and releasably engageable in said uprights for releasably maintaining said element extended.

2,128,832

CONNECTER END CAP

Albert C. Lusher, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application March 26, 1937, Serial No. 133,285

2 Claims. (Cl. 24—126)

1. An end cap for a connecter of the type having a tapering open ended casing and spring pressed jaws in the tapering end of the casing, comprising a cap body having a central inturned tapering tubular portion of substantially the diameter of a wire for insertion in the connecter, said tubular portion having slots in its inner end providing yielding tongues for engagement with the wire to tension the same against vibration,



said cap adapted to be secured over the open end of the casing with the inner end of the tubular portion spaced from the inner wall of the casing to receive thereabout and overlap the forward ends of the jaws when in initial forwardly pressed wire receiving position to guide the end of the wire centrally against and between the jaws.

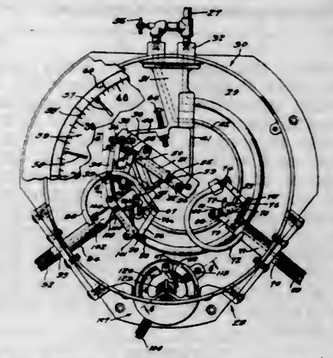
2,128,833

MULTIPLE DRILLING GAUGE

Walter R. Martin, Long Beach, Calif.

Application June 22, 1934, Serial No. 731,850

5 Claims. (Cl. 73—109)



1. A fluid pressure indicator comprising a fitting, a Bourdon tube connected at one end thereof, indicating means actuated by the free end of said tube, a second Bourdon tube of relatively small cross section in communication with said fitting, indicating means connected with the free end thereof, said second means acting over a range of movement greater than that of the first tube and independently thereof, means for continuously supplying fluid under pressure to the first of said Bourdon tubes, means for separately delivering said fluid under the same pressure and from the same source to the second of said Bourdon tubes, and an optionally controlled valve for establishing and interrupting the flow of pressure fluid to the second of said Bourdon tubes.

2,128,834

CHART CALCULATING MACHINE

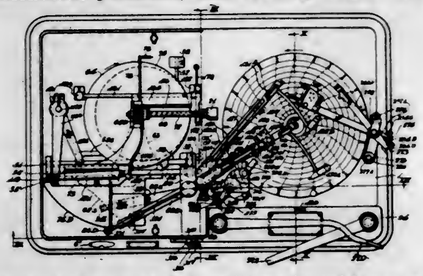
John B. McGay, Tulsa, Okla., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application November 2, 1933, Serial No. 696,419

47 Claims. (Cl. 235—61)

1. A machine for integrating charts comprising chart supporting means, counting means, means for actuating said counting means, tracing means, means connecting said actuating and tracing means for causing variations in the rate of actuation of said counting means in accordance with the operation of said tracing means, means for

varying the locus of said tracing means to predetermined positions, said tracing means being



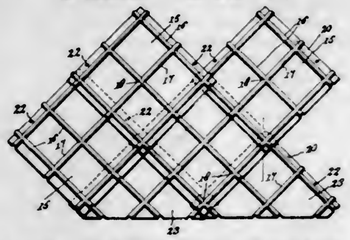
connected in its varied positions to said connecting means.

2,128,835
SAFETY SINGLETREE
Charles W. McVey, St. Ignatius, Mont.
Application April 7, 1937, Serial No. 135,550
1 Claim. (Cl. 278—115)



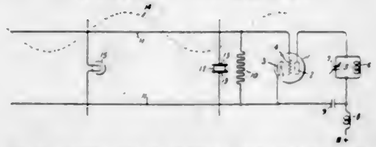
A device of the character set forth comprising a singletree of channel iron construction including parallel opposed walls and a connecting wall having openings adjacent the ends of said singletree, hooks pivoted on the opposed walls of the singletree and adjacent the ends of the latter and capable of occupying positions either with the ends thereof extending into said openings or out of said openings to permit the application and removal of traces thereto, and connected coil springs lying within the walls of the singletree and connected to said hooks between the pivots thereof and the free ends of the hooks for urging the hooks into positions with the free ends entering the openings.

2,128,836
METAL SHINGLE AND ROOF
Vincen P. McVoy, Mobile, Ala.
Application July 16, 1936, Serial No. 91,000
2 Claims. (Cl. 108—17)



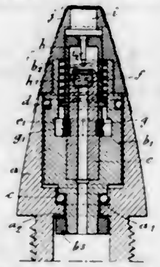
1. A metal roofing shingle, comprising a galvanized sheet metal body of rectangular form having beads stamped from one side thereof, said beads extending in rectangularly intersecting groups with the beads of each group disposed in parallel relation and extending between and through the opposite edges of the shingle body, all of said beads being of uniform cross section throughout their lengths and at their intersections to provide identical and uniform interlocks with superposed shingles, to prevent pocketing of water between the beads and to admit stamping out of the galvanized metal shingle without drawing or cracking of the galvanized coating at the intersections of the beads.

2,128,837
OSCILLATOR
Harry R. Meahl, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application April 16, 1936, Serial No. 74,658
4 Claims. (Cl. 250—36)



1. In a tuned plate crystal controlled oscillator, the combination of an electron discharge device having an anode, a cathode, and a control electrode, an output impedance connected between said anode and said cathode, a source of potential connected between said anode and said cathode, a resonant transmission line connected between said control electrode and said cathode, said transmission line being a whole number of half wave lengths long at a desired operating frequency, a piezo electric crystal, and means for selectively connecting said crystal across said line, thereby selectively to control the voltage impressed across said crystal.

2,128,838
FUSE FOR PROJECTILES
Nicolas Emilien Methlin, Paris, France, assignor to Schneider & Cie, Paris, France, a joint-stock company of France
Application November 19, 1936, Serial No. 111,719
In France and in Great Britain November 29, 1935
8 Claims. (Cl. 102—39)

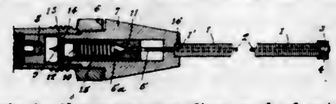


1. A percussive head fuse for projectiles comprising a rear fuse body element adapted to be fixed to the projectile, a front fuse body element including a percussive firing mechanism and a centrifugally responsive safety device for normally retaining said firing mechanism in inoperable condition, means for mounting said front element for rotation relatively to said rear element, and a retaining member connectible to and removable from said front element when the latter is in assembled relation with said rear element for preventing forward movement of said front element relatively to said rear element.

2,128,839
DEVICE FOR OPERATING LAND MINES AND THE LIKE BY THE PASSAGE OF TANKS OR OTHER VEHICLES
Nicolas Emilien Methlin, Paris, France, assignor to Schneider & Cie, Paris, France, a joint-stock company of France
Application November 24, 1936, Serial No. 112,600
In France January 21, 1936
8 Claims. (Cl. 102—2)

1. An explosive device of the type adapted to lie on or to be buried in the ground and exploded

by the passage of a tank or other vehicle over the ground to be protected, comprising a firing mechanism having fixed and movable elements, a cable and a sheath surrounding said cable adapted to lie on or just below the surface of the ground, said sheath being so constructed and arranged as to elongate when deformed in any portion of its length and having one end fixed



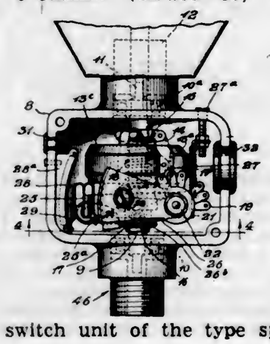
relatively to the corresponding end of said cable, the opposite ends of said sheath and cable being connected to said fixed and movable elements, respectively, of the firing mechanism of the explosive device, whereby deformation of the sheath and cable produced by the passage of a vehicle thereover results in operation of said firing mechanism.

2,128,840
TIE SUPPORT AND ATTACHING DEVICE
Albert Molitor, Chicago, Ill.
Application July 12, 1937, Serial No. 153,269
3 Claims. (Cl. 2—153)



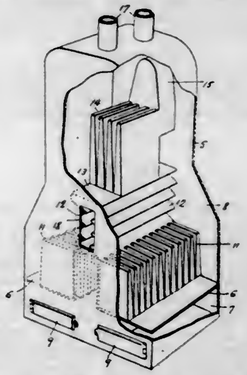
1. A tie support and attaching device comprising a frame open at one end thereof and closed at the opposite end and including a button engaging portion formed on the closed end and extending towards the open end of said frame, oppositely extending collar engaging elements carried by the open end of the frame and curved from end to end, and means for removably mounting a tied tie on said frame and acting normally to close the open end of said frame.

2,128,841
CENTRIFUGAL SWITCH
Giles S. Moore, Indianapolis, Ind., and Elmer G. Streckfuss, Cincinnati, Ohio, assignors to G. B. M. Electric Company, Inc., Indianapolis, Ind., a corporation of Indiana
Application February 21, 1938, Serial No. 191,784
6 Claims. (Cl. 200—80)
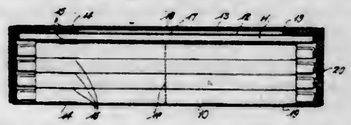


1. In a switch unit of the type specified, a governor, a plurality of plate-like contact members having edge contact surfaces arranged in stepped relation arcuately, a switch member having a brush adapted to wipe said contact surfaces, said switch member having an operative connection with said governor to be actuated thereby, and means for relatively arcuately adjusting the individual contact members for a definite speed response.

2,128,842
HOT WATER HEATER
Maurice J. Morgan, West Englewood, N. J.
Application February 3, 1937, Serial No. 123,907
4 Claims. (Cl. 122—155)



4. In a heater of the class described, a liquid container having a flue therein for the passage of heat, the lower walls of the flue being composed of rows of horizontally spaced hollow formations, the lower ends and inner side edges of the formations being open to the heat and the spaces between the formations forming portions of the liquid chamber, vertically arranged zig-zag plates connected with the inner upper corners of the formations and forming the intermediate part of the flue, a row of horizontally spaced formations having their lower ends in communication with the space between the zig-zag plates and forming the upper portion of the flue and outlet means connected to the upper portion of the last-mentioned row of formations.

2,128,843
PACKAGE
John C. Mullins, Tulsa, Okla.
Application March 24, 1936, Serial No. 70,650
9 Claims. (Cl. 99—180)



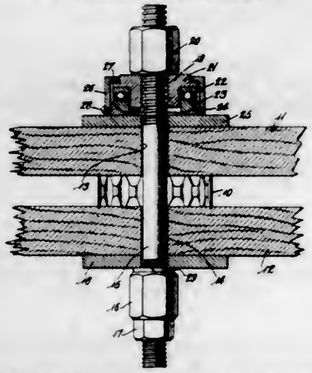
1. A package for elongated articles comprising an inner wrapper and an outer wrapper, said inner wrapper having a portion thereof secured to said outer wrapper and being weakened at a position intermediate said secured portion and an end of said article, whereby said article along with a portion of said inner wrapper may be withdrawn from said outer wrapper to leave a portion of said inner wrapper within said outer wrapper and a portion of said article exposed.

2,128,844

SEATING TOOL FOR TIMBER CONNECTERS

James E. Myer, Washington, D. C., and Arthur C. Horner and Paul E. Magerstadt, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C., a corporation of Delaware

Application October 12, 1936, Serial No. 105,344
1 Claim. (Cl. 1—50)



A timber-connecter seating tool comprising, in combination: a bolt member to be passed through holes formed in timbers to be connected and through a connecter in place to be seated; said member having V screw threads at one extremity and square screw threads at its remaining extremity; a pair of lock nuts on said V threads and a lock washer to lie between one of said nuts and the adjacent timber; an internally screw threaded member outwardly constructed for application of torque and coacting with said square threads; a pair of rings formed with coacting universal movement surfaces, one thereof to transmit pressure to the remaining timber; a member revoluble with said internally screw threaded member; antifriction bearing means between said revoluble member and said pair of rings; and means to hold said rings, bearing means and revoluble member in assembly.

2,128,845

TREATMENT OF MILK PRODUCTS

Robert P. Myers and Samuel M. Weisberg, Baltimore, Md., assignors to Sealtest System Laboratories, Inc., New York, N. Y., a corporation of Maryland

No Drawing. Application March 24, 1937, Serial No. 132,870
18 Claims. (Cl. 99—59)

1. The process of making from whey a vitamin containing delactosed product which comprises pasteurizing the whey, fermenting substantially all of the lactose present in the whey with a lactose fermenting organism and eliminating the presence of lactose and simple sugars derived from the splitting of lactose and without reducing the vitamin content of the original whey.

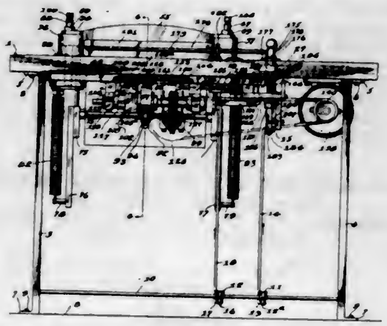
2,128,846

PINKING MACHINE

Stephen Naso and Frank Goodstein, Easton, Pa.

Application November 23, 1936, Serial No. 112,397
12 Claims. (Cl. 164—50)

1. In a pinking machine, a cutter means including a stationary lower cutter and a reciprocatory spring controlled upper cutter structure, a normally inactive shiftable lever coacting, when shifted with said structure, for imparting a cutting stroke to said means, a revoluble normally inactive cam structure, providing when active for shifting said lever, a revoluble drive mechanism upon which the cam structure is loosely mounted, said cam structure and mechanism having controllable coacting means for clutching the cam structure and mechanism together to provide for the revolving of the cam structure with said mechanism, a spring controlled shiftable element for controlling and normally acting to retain said coacting means from clutching said cam structure and mechanism together, pressure operated



means for shifting said element against the action of its controlling spring from retaining position relative to said coacting means whereby the latter will clutch the cam structure and mechanism together, and a pressure operated spring controlled vertically movable normally lowered combined guard, presser foot and stop mechanism, normally acting for holding down the work to be operated upon over the lower cutter and in the path of the upper cutter and providing when elevated to release the work, acting to arrest the shifting of said element from retaining position relative to the said coacting means.

2,128,847

ALLOY

Emil M. Prosen, Philadelphia, Pa., assignor to Nobilium Products, Inc., Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application April 15, 1938, Serial No. 202,321
3 Claims. (Cl. 75—171)

1. An alloy comprising chromium, nickel, cobalt, tungsten, silicon, vanadium and aluminum; the chromium being from 20% to 35%; the nickel being from 10% to 35%; the cobalt being from 10% to 40%; the tungsten being from 2% to 25%; the silicon being from .25% to 3.0%; the vanadium being from 0.10% to 5.0%; and the aluminum being from 0.10% to 1.0%; said alloy possessing ease of flow at casting temperatures, a higher yield point, a clean casting surface and a resiliency essential in cast dentures.

2,128,848

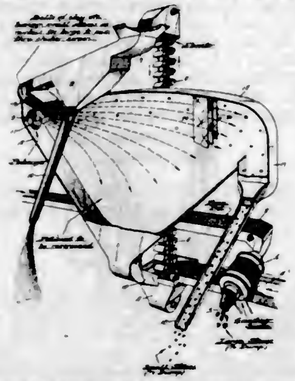
PROCESS FOR TREATING RAW CLAY MATERIALS

Herbert C. Rafetto, Wayne, Pa.

Application October 3, 1936, Serial No. 103,933
3 Claims. (Cl. 209—6)

1. The process of preparing raw clay material for manufacture into clay products, which consists in separating from said material the larger stones and foreign substances and breaking down

the clay masses, separating the smaller clay-coated stones and solid particles from the broken-down residual material, and recovering the clay component of the "tailings", consisting of said smaller stones and solid particles, by projecting



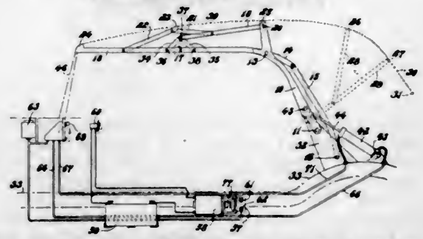
said "tailings" into space by heavy impact, said impact first shattering and reducing the clay to finely divided condition and freeing the clay from the stones, and then separating the stones from the clay by effect of the differing inertias of the stone and finely divided clay particles.

2,128,849

FOLDING HOOD

Francis Henry Redfern, Folkestone, England

Application November 11, 1936, Serial No. 110,350
In Great Britain August 5, 1936
5 Claims. (Cl. 296—117)



1. Folding hoods for vehicles which have main pillars, comprising extensible and retractable hydraulic piston and cylinder assemblies on each side of the vehicle each pivoted at one end to a main pillar of the hood and at the other end to the chassis of the vehicle, each piston and cylinder assembly being double-acting and having at each end of the cylinder inlet means for pressure fluid, the said inlet means being in connection with a conduit system including a pump, a reservoir for fluid and controlling valve means, the two surfaces of the piston having different areas and the valve controlling means of such nature that either the smaller surface of the piston or both surfaces are available to the pressure fluid according to the valve setting, substantially as and for the purposes set forth.

2,128,850

BAKED PEANUTS AND METHOD OF PREPARATION

Harold S. Richards, South Portland, Maine

No Drawing. Application March 4, 1936, Serial No. 67,073
3 Claims. (Cl. 99—98)

1. The method of producing baked peanuts which comprises soaking shelled raw peanuts in water for a sufficient length of time to swell the nut kernels and remove their bitter tasting constituent, separating the nuts from the soaking water, placing the nuts in a baking pot with water and flavoring material, and subjecting the pot and its contents to heat at a temperature between 450° F. and 350° F. for a period of time between six hours and twelve hours respectively.

2,128,851

THEOPHYLLINE-PIPERAZINE PREPARATIONS

Karl Rimböck, Vienna, Austria

No Drawing. Application June 2, 1937, Serial No. 146,121. In Austria June 2, 1936
1 Claim. (Cl. 167—67)

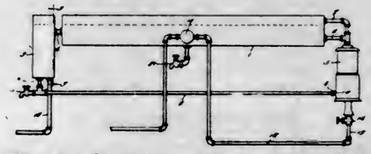
A pharmaceutical preparation comprising an aqueous alkaline solution of strophanthine, glucose, and theophylline containing piperazine in an amount sufficient to stabilize the solution against decomposition, said solution being capable of being sterilized.

2,128,852

STEAM TABLE

Louis B. Roach, Shreveport, La.

Application September 22, 1937, Serial No. 165,210
2 Claims. (Cl. 126—33)



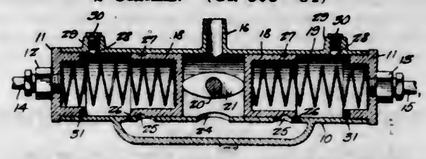
1. The combination with a steam table for containing water, of means for feeding water to said table including a gravity feed water tank, a pipe line connecting said tank to said table, a float valve in said tank controlling the level of water therein, said tank having its top disposed level with the top of the table whereby the level of the water in the table is controlled in correspondence with that in said tank, a heater interposed in the line of connection between said tank and table, a fuel supply line for said heater, and a thermostatically controlled valve in said fuel supply line including a thermostatic member extending therefrom into said table.

2,128,853

SAFETY DEVICE FOR HYDRAULIC BRAKES

Raymond N. Roen, Duchess, Alberta, Canada

Application May 10, 1938, Serial No. 207,093
2 Claims. (Cl. 303—84)



1. A device of the character described, comprising, a cylinder adapted to be filled with a brake operating fluid, opposed pistons operable in said cylinder, springs within said cylinder for urging said pistons towards each other, said cylinder formed with a by-pass chamber, a port effecting communication with the interior of said cylinder and said chamber between said pistons, a pair of ports effecting communication between said chamber and said cylinder and normally

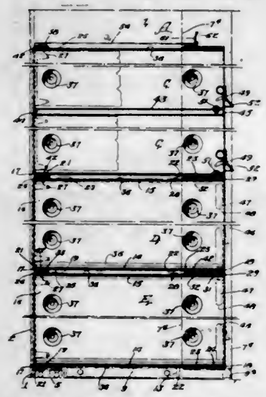
closed by said pistons, auxiliary ports effecting communication between said chamber and said cylinder, a cam mounted in said cylinder between said pistons for maintaining said pistons in spaced relation to effect a closing of said pair of ports, and means carried by said cylinder for latching said pistons against movement.

2,128,854

POST OFFICE BOX STRUCTURE

Frank E. Sagendorph, 2nd, Lansdowne, and Clarence E. Baittinger, Philadelphia, Pa., assignors to Penn Metal Corporation of Penna., Philadelphia, Pa., a corporation of Delaware

Application April 17, 1937, Serial No. 137,574
8 Claims. (Cl. 312—103)



1. In a nested post office box structure, the combination with an outer casing of sheet metal, of a plurality of sheet metal box elements individually detachably mounted in said casing and jointly filling the latter, certain of said box elements being formed at their forward ends with transverse outwardly extending flanges the edges of which are adapted to abut the edges of the outwardly extending flanges of adjoining elements, others of said box elements being formed to provide at the said forward ends a space between the walls of the adjoining elements, frames having portions adapted for insertion in the said spaces between the walls of the last-named compartments and adapted to close said spaces at the forward ends of said elements whereby the structure presents a substantial uniformity of appearance when viewed from the forward ends of said box elements, and means for securing said elements to each other and to the casing to form an integrally interlocked structure in which said elements are mutually supported in and by the casing in the respective positions.

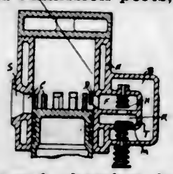
2,128,855

TWO-STROKE INTERNAL COMBUSTION ENGINE

Walter Schenker, Winterthur, Switzerland

Application December 2, 1936, Serial No. 113,921
In Switzerland March 31, 1936
4 Claims. (Cl. 123—65)

1. In a two-stroke internal combustion engine, the combination comprising a cylinder, said cylinder having exhaust and admission ports therein, said exhaust and admission ports being located opposite one another, the admission ports being divided into two series, the first series being located on the admission side of said cylinder and the second series being located at the middle of the cylinder between the first series and the exhaust ports whereby air streams entering the second series of admission ports are directed to flow mainly in a longitudinal direction on the inlet side of the cylinder to the cylinder cover and where said air streams are deviated temporarily by air streams from the first series of admission ports to the exhaust side of the cylinder, a working piston in said cylinder, said piston during its movement being adapted to control said exhaust and admission ports, a charging air



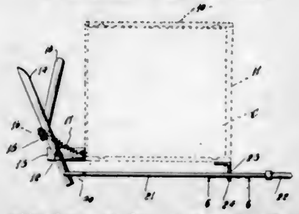
container, a second chamber located between said charging air container and said admission ports, and communicating with said charging air container and said admission ports, valve means controlling communication between the second chamber and the charging air container, and partitions located in said second chamber, said partitions dividing said second chamber into several compartments, one of said compartments communicating with the first series of admission ports and the other compartments communicating with the second series of admission ports.

2,128,856

CAKE KNOCKER FOR OIL PRESSES

Sterling Sims, Taylor, Tex.

Application December 12, 1936, Serial No. 115,591
2 Claims. (Cl. 100—50)



1. An attachment for apparatus having supports for oil-bearing cakes, the cakes being accessible through a wall of the apparatus; the attachment being mounted exteriorly of the apparatus and normally retracted entirely exteriorly of the apparatus, said attachment comprising knocker bars, and a shaft journaled exteriorly of the apparatus adjacent one corner thereof and carrying said knocker bars at an angle in diverging relation to said wall, said knocker bars being operable through said wall, one to eject each cake after extraction of the oil therefrom, each knocker bar having a blade extending diagonally therefrom toward said wall and at an angle to the latter for cleaving engagement between a cake and its support to avoid hindrance to operation by sticking of the cake.

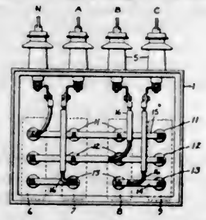
2,128,857

CAPACITOR FOR POLYPHASE CIRCUITS

John D. Stacy, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

Application March 3, 1938, Serial No. 193,708
6 Claims. (Cl. 172—246)

1. In combination, a three-phase alternating current circuit, two similar capacitor units each having two sections, the capacitance of one section being materially greater than that of the other and means connecting said circuit with all



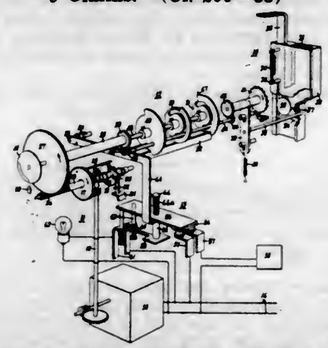
of said sections for supplying approximately the same amount of capacitance to each phase of the circuit.

2,128,858

COIN TIME SWITCH

Julian H. Stark, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application January 25, 1935, Serial No. 3,479
9 Claims. (Cl. 200—33)



1. A time switch comprising a switch, a reversely movable member for opening and closing said switch, said member having a number of stationary positions where said switch is open, a number of stationary positions where said switch is closed, and an intermediate range of movement where the switch is caused to move from an open to a closed position or vice versa depending upon the direction of movement of said member, a device for moving said member from one stationary position to the next in a switch-closing direction, and a time-controlled device for moving said member from one position to the next in a switch-opening direction at predetermined spaced intervals of time.

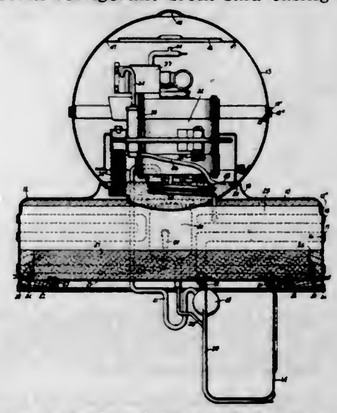
2,128,859

REFRIGERATING MACHINE

Christian Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application June 29, 1935, Serial No. 29,036
14 Claims. (Cl. 62—115)

3. A refrigerator comprising a cabinet having insulated side and bottom walls, a refrigerating machine for cooling said cabinet, said refrigerating machine including a closed casing having a gaseous refrigerant therein, means including a sheet metal base having top and side walls and constituting a removable top wall of said cabinet for supporting said casing, said side walls of said base comprising continuations of the side walls of said cabinet, said base being arranged in heat exchange relation with the lower portion of said casing to dissipate heat from said casing, a refrigerant condenser for said machine formed within the wall of said base and utilizing said wall as a heat dissipating surface, means including a motor and a compressor in said casing for pumping gaseous refrigerant from said casing to said



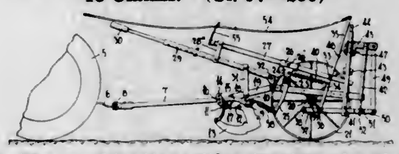
condenser, a body of heat insulating material within said base, means including a sheet metal bottom wall for said base thermally insulated from said side walls for enclosing said body of heat insulating material within said base, and a refrigerant evaporator for said machine arranged within said cabinet.

2,128,860

MEANS FOR ELEVATING AND LOWERING PLANTER RUNNERS

William G. Stevens, Jr., Sykesville, Md.

Application July 12, 1937, Serial No. 153,224
18 Claims. (Cl. 97—236)



1. The combination with a tractor, of a planter having a forwardly extending tongue connected to the rear end of the tractor, said planter having a main frame and a runner structure, said tongue being rigidly connected at its rear end to the runner structure, an axle forming part of the planter, the main frame being pivotally mounted on said axle, a hand lever having its rear end portion pivotally connected to the main frame, said lever extending forwardly and having a handle at its front end arranged above the front end of the tongue, means connecting a medial portion of the hand lever to the runner structure for use in lifting the latter when the lever is raised, and means cooperating with the lever for automatically locking the runner structure in raised position as soon as the lever is raised to a predetermined position.

2,128,861

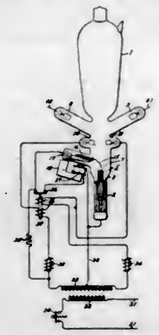
VAPOR ELECTRIC DISCHARGE DEVICE

Lewi Tonks, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application July 16, 1936, Serial No. 90,867
5 Claims. (Cl. 250—27.5)

1. An electrical device comprising an anode, a

mercury pool spaced therefrom, and a cathode-spot-fixing element in contact with said mercury, said element comprising a rigid porous body constituted of carburized partially sintered particles



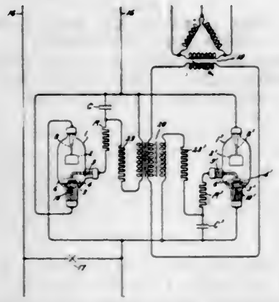
of a metal of the group consisting of tantalum, tungsten, and molybdenum and having a discharge-receiving surface appreciably above the normal level of the mercury pool.

2,128,862

VAPOR ELECTRIC DISCHARGE DEVICE

Lewi Tonks, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application July 16, 1936, Serial No. 90,868
8 Claims. (Cl. 175—354)



1. In an electrical discharge device, an anode, a rigid body having a surface adapted to substantially immobilize a quantity of mercury thereon, means for supplying mercury to said surface, a sparking electrode in fixed spaced relation to said surface, means for impressing a difference of potential between said anode and said body, an energizing circuit for producing a spark discharge between said electrode and said surface, and means associated with said circuit for causing such discharge to be non-oscillatory.

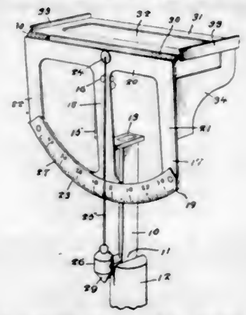
2,128,863

ELEVATION AND SLOPE INDICATOR

Arthur Turrian, Schenectady, N. Y.

Application January 31, 1938, Serial No. 187,945
3 Claims. (Cl. 33—70)

1. An instrument of the character described comprising an anchoring staff, a bracket carried by said staff, a sector frame having a segmental scale, a pivotal coupling between the frame and said bracket for separable connection therebetween, a foldable shelf carried by the frame, a swinging prop on the frame and coacting with the shelf to hold the same against folding move-



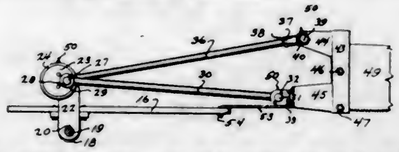
ment, and a plumb bob hung from said frame and coacting with the scale.

2,128,864

POWER DRIVEN LOG SAW

John P. Umhoefer, Cleghorn, Gerhard H. Albers, Cherokee, and John R. Albers, Sioux City, Iowa; said Gerhard H. Albers assignor of one-sixth to said Umhoefer and one-sixth to said John R. Albers

Application July 20, 1936, Serial No. 91,450
1 Claim. (Cl. 143—63)



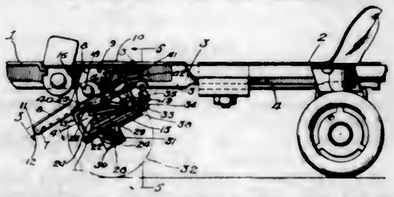
A power driven log saw comprising a crank arm for attachment to a driven shaft, a frame for attachment to one end of a saw blade, means movably engaged with the crank arm to maintain the saw blade at a horizontal level during all portions of the stroke thereof, including a circular cam eccentrically and integrally attached to the arm, a ring slidably arranged about the circular cam, a rod pivotally and eccentrically attached to said circular cam and to the frame, means connecting the ring to the frame.

2,128,865

ROLLER SKATE

Clarence Vogt, Wenonah, N. J.

Application April 19, 1937, Serial No. 137,846
9 Claims. (Cl. 280—11.26)



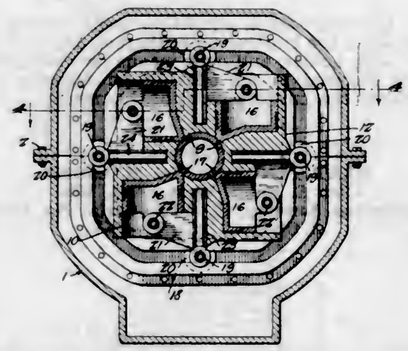
7. In a skate including a foot support, a bracket secured to the underside of said foot support adjacent the toe end thereof and including a forwardly declining substantially flat portion for engagement with a skating surface in certain positions of said skate to prevent engagement of such surface by said toe end of the foot support, a front wheel assembly pivotally carried by said bracket constructed and arranged for limited movement relative thereto in a plane substantially perpendicular to the plane of said foot support, and means constantly urging said wheel assembly forwardly of the skate and bracket and operative to yieldingly resist rearward movement of the wheel assembly and absorb shocks received thereby and effecting such movement.

2,128,866

ROTARY COMPRESSOR

John E. Wakeman, Dallas, Tex., assignor of one-fourth to George Counts Preston, Dallas, Tex.

Application June 9, 1936, Serial No. 84,338
1 Claim. (Cl. 230—177)



A rotary compressor comprising a cylinder block having flat faces arranged at right angles to each other and provided with an axle opening and cylinders opening outwardly through said faces, said cylinders having ports communicating with the axle opening, a hollow shaft extending through the axle opening, a partition in the shaft separating the ends thereof from each other, said shaft having intake and exhaust ports at opposite sides of the partition to move into and out of registration with the ports of the cylinders during the rotation of the cylinder block, a fixed housing receiving the cylinder block for rotation therein and having the ends of the shaft extending through opposite walls thereof, said cylinders being located tangentially of the shaft, a cam track surrounding the block and carried by the housing, rollers engaging the cam track, shafts connecting the rollers in pairs, said block having guides opening through the flat faces thereof and arranged in alignment with the shafts and at right angles to the axle, pistons in the cylinders, connecting rods journaled on the shafts and having offset portions pivoted to the pistons, guide elements formed on the connecting rods and received by the guides, and a sleeve surrounding a portion of the axle and rotatably supported by the housing and having the block secured to one end thereof and having the other end secured to a power take-off medium.

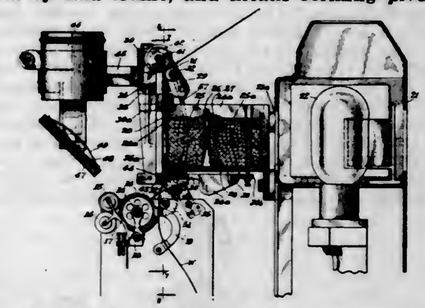
2,128,867

WEB FEEDING MECHANISM

Frank E. Weller, Bloomfield, N. J., assignor to Trans-Lux Corporation, a corporation of Delaware

Application October 6, 1932, Serial No. 636,490
Renewed December 29, 1937
7 Claims. (Cl. 88—28)

1. Projection apparatus comprising a projection field with respect to which a character-bearing web is movable, a frame, optical structure carried by said frame, and means forming pivotal



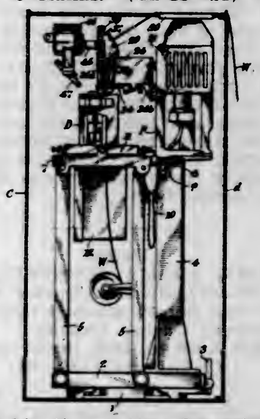
axes for said frame at opposite sides, respectively, of said projection field.

2,128,868

WEB FEEDING MECHANISM

Frank E. Weller, Bloomfield, N. J., assignor to Trans-Lux Corporation, a corporation of Delaware

Original application October 6, 1932, Serial No. 636,490. Divided and this application October 26, 1934, Serial No. 750,079. Renewed January 17, 1938
6 Claims. (Cl. 88—24)



1. In combination, means for printing characters on a web with ink, a projector including a lamp housing for projecting images of said characters, a cabinet for said printing means and projector, said web passing from said projector across the top wall of said cabinet, and means whereby heat from said lamp housing has free access to a section of the web overlying said top wall so as to dry the ink thereon.

2,128,869

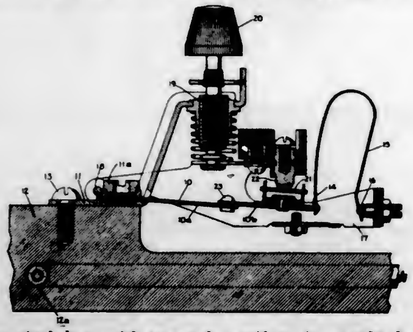
TEMPERATURE CONTROL DEVICE

Russell A. Winborne, Oak Park, Ill., assignor to Edison General Electric Appliance Company, Inc., a corporation of New York

Application May 20, 1936, Serial No. 80,770
4 Claims. (Cl. 200—138)

1. A temperature control device for a heated medium comprising a thermostat having a substantially fixed portion arranged to be placed in direct thermal relation with said medium and a second portion relatively removed from direct

thermal relation with said medium and free to move in response to changes in temperature of said thermostat, the heat imparted to said first portion by its direct contact with said medium flowing through it and into said second portion to heat said thermostat throughout its length from its normal or room temperature to a saturated temperature condition, the temperature of said thermostat thereafter fluctuating with changes in temperature of said heated medium and said second portion taking a position corresponding to the temperature of said medium, a control member for the heating means of said medium



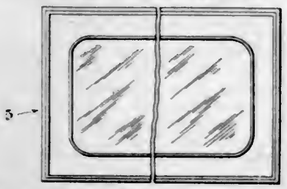
operated by said second portion to apply heat to and cut heat from said medium in a series of on and off heat cycles, and means reducing the movement of said second portion in the direction of heat cut-off when said thermostat is in the cooling portion of said first heat cycle after the initial application of heat to said medium has been cut off and while said thermostat is attaining its saturated temperature condition from end to end to cause premature application of heat to said medium in said second cycle so as to elevate materially the maximum cut-off temperature of said second heat cycle.

2,128,870

WINDOW FRAME CONSTRUCTION

Harold M. Woelfel, Montreal, Quebec, Canada, assignor to The Robert Mitchell Company, Limited, Montreal, Quebec, Canada

Application April 16, 1937, Serial No. 137,306
2 Claims. (Cl. 189—64)



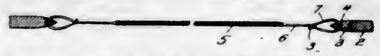
2. A window construction comprising a sectional metal sash frame consisting of inner and outer L-shaped frame sections fitted together to form an inwardly facing channel, said frame sections being reversely arranged and fitted one within the other so that the bottom of the channel is formed by overlapping flanges of the sections, insulating material of low thermal conductivity interposed between the overlapping flanges to hold them out of direct contact with each other and a glazing assembly cemented in place within said channel, said assembly comprising inner and outer glass plates having their marginal portions cemented together so that the body portions of the plates are disposed in spaced relation and a layer of cement interposed between the walls of the channel and the glazing assembly to secure the latter in place, said cement being disposed to form an insulating barrier of substantial thickness between the glazing and the side and bottom walls of the channel.

2,128,871

STITCH AND WORK HOLDER FOR KNITTING NEEDLES

Alice T. Wong, Honolulu, Territory of Hawaii

Application February 28, 1938, Serial No. 193,140
3 Claims. (Cl. 66—117)



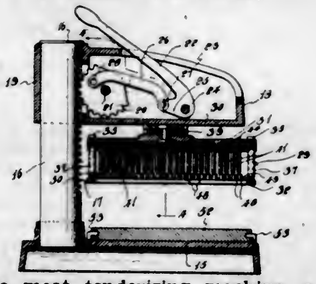
1. In combination, a knitting needle having an opening in the knitting point thereof, and a stitch and work holder, and hook means on said holder to be received in the opening for securing the holder to the knitting point of the needle.

2,128,872

MEAT-TENDERIZING MACHINE

Otto E. Zahn, West Bend, Wis.

Application January 17, 1936, Serial No. 59,624
3 Claims. (Cl. 17—25)



1. In a meat tenderizing machine, a cutter block, a rectangular cutter frame vertically movable above the block, the cutter frame including relatively movable head and base members, the underside of the head having a pair of elongated grooves therein, respectively adjacent a pair of opposite sides of the head, a pair of leaf springs having their intermediate portions engaged with the base member of the cutter frame and the ends of each spring freely extending into one of said grooves vertically alined therewith for normally forcing the head and base members apart, cutter blades depending from the head member, cooperating blade strippers rising from the base member and normally spaced below the lower cutting edges of the cutter blades and constituting the lower extremity of the head for initial contact with the meat to be tenderized and for holding the meat on the block during upward removal of the blades from the meat, and manually operable means for raising and lowering the cutter frame.

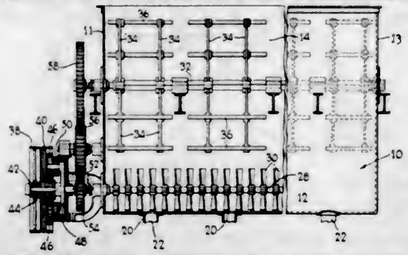
2,128,873

APPARATUS FOR MIXING AND CONDITIONING MASSECUITE

Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, New York, N. Y., a corporation of Utah

Application May 1, 1937, Serial No. 140,093
8 Claims. (Cl. 259—41)

1. Apparatus for mixing sugar massecuites to maintain the consistency thereof uniform throughout substantially the entire batch, comprising an elongated mixing tank for holding a batch of massecuite having end walls and side walls which converge toward the bottom of the tank and define an enlarged upper tank portion and a communicating trough-like lower tank portion of sufficient capacity to accommodate several charges of massecuite for centrifugals, a plurality of spaced ports communicating with said trough-like tank portions for withdrawing charges of massecuite therefrom, rotatable stirring means extending substantially the entire length of the trough-like portion adjacent the bottom thereof



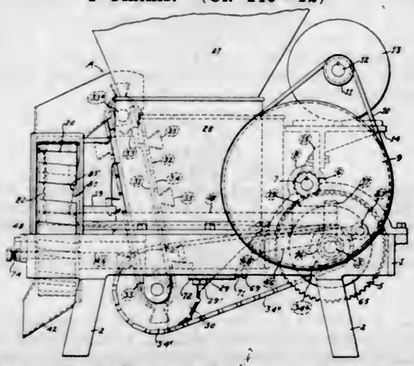
and capable upon rotation of ensuring uniform consistency of the massecuite in individual charges withdrawn through said ports and rotatable stirring means extending substantially the entire length of the tank in the upper portion thereof including stirring elements arranged to move in a path spaced vertically from the aforesaid stirring means and to maintain circulation of massecuite therebetween, and to move closely adjacent the end and side walls of said upper tank portion, whereby to keep substantially the entire batch of massecuite of uniform consistency and to inhibit caking against the tank walls.

2,128,874

NUT-CRACKING MACHINE

Leo J. Meyer, St. Louis, Mo., assignor, by direct and mesne assignments, of one-third to John A. Schuler, St. Louis, Mo., and two-thirds to The Champion Pecan Machine Company, San Antonio, Tex., a corporation of Texas

Application October 21, 1935, Serial No. 45,875
4 Claims. (Cl. 146—12)



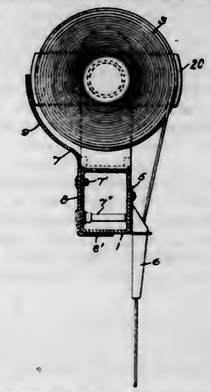
1. A nut-cracking machine comprising a substantially circular member mounted for rotary movement and provided with nut-receiving pockets spaced circumferentially thereof, said nut-receiving pockets being open at their opposite ends at opposite sides of said member and each pocket being open longitudinally of its length at a side thereof to permit introduction of nuts into said pocket, means for imparting constant rotary movement to said member, means for delivering nuts to the pockets of said member, and nut-cracking means for cracking nuts carried by the pockets of said member, said nut-cracking means including a pair of alined and spaced apart cracking elements between which the pocketed circumferential portion of said member rotates, and means for subjecting one of said cracking elements to reciprocatory movement toward and from the associated cracking element and into and out of the pockets of said member as said pockets successively move into operative position with respect to said cracking elements and while said pockets are in movement so as to crack between said cracking elements the nuts carried by said pockets, the axis of each pocket being extended at an angle with respect to the axis of said reciprocatory cracking element when each pocket is in cooperative relation with respect to said reciprocatory cracking element so as to permit said reciprocatory cracking element to move into the pocket while said member of which the pocket forms a part is in constant rotary motion.

2,128,875

YARN CARRIER OR TUBE FRAME

Walter Bixby, Boston, Mass., assignor to Shawmut Engineering Company, Boston, Mass., a corporation of Massachusetts

Application September 24, 1937, Serial No. 165,522
14 Claims. (Cl. 139—10)



1. A yarn carrier or tube-frame for pile fabric looms, comprising, in combination, a hollow tubular carrier bar of sheet-metal, said bar having a row of yarn guides along its front, means for revolubly mounting yarn delivery spools above the carrier bar, and means on the rear of the bar for reducing its lateral deflection and vibratory movements under load, said means consisting of a sheet-metal web element rigid with the bar, said element extending substantially throughout the length of the latter and projecting externally toward the spool level and laterally away from the spool position.

2,128,876

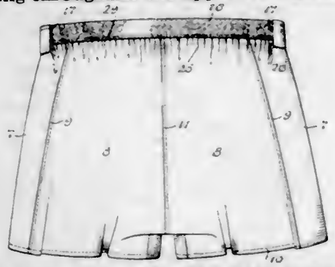
UNDERGARMENT

John A. Boysen, Rutherford, N. J., assignor to Robert Reis & Co., New York, N. Y., a corporation of New York

Application May 21, 1937, Serial No. 143,900
4 Claims. (Cl. 2—237)

1. In an undergarment of the type described, assembled front and rear sections, an independ-

ent waistband of substantial width, running substantially throughout the upper edges of the front sections, said waistband being formed of a single piece of material folded over so as to have a closed upper edge and depending overlapped portions embracing between them a substantial part of the upper free edge portions of the front sections, so that such upper edge portions constitute a complete lining of substantial width for the waistband, and an elastic strip of narrower width than said waistband, secured to the ends of said waistband by stitching, the composite waistband extending throughout the upper circumference of



the garment, the upper edge portions of said rear sections and of the contiguous parts of the front sections being gathered so as to form a multiplicity of tufts, whereby in the area immediately below the line of stitching joining the elastic to the non-elastic portion of the waistband, at which area the inelastic portion extends below the elastic portion, there is a point in the inelastic portion of the waistband which relieves the stresses and strains which would otherwise be applied to the line of stitching joining the elastic and non-elastic portions of the waistband, thereby preventing the destruction of such line of stitching.

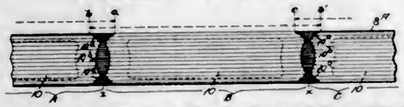
2,128,877

REPEAT DESIGN PRINTING

Trevor R. Gautier, Nashua, N. H., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H., a corporation of Massachusetts

Application June 10, 1936, Serial No. 84,467

3 Claims. (Cl. 101—426)



1. The improved method of applying repeat-unit designs in printing on sheet material of indefinite length which comprises forming the leading and terminal edges of a printing element of single-design-unit length along plural-directional lines cooperable in successive imprints to provide a pleasing design, printing with said element successive imprints wherein portions of said edge formations so overlap as to produce a calculated pleasing design at the unit juncture zone, and subsequently severing the sheet material transversely thereof within the juncture zones corresponding to the lengths of material desired.

2,128,878

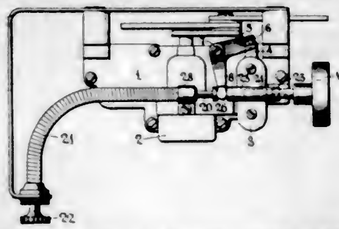
WINDSHIELD CLEANER CONTROL MECHANISM

Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.

Application March 22, 1935, Serial No. 12,522

2 Claims. (Cl. 121—142)

1. A windshield cleaner unit having a motor with power shut-off means and speed regulating means, one of the means having a reciprocable actuating part and the companion means having a rotatable actuating part, a control common to both means whereby the cleaner may be regulated in its speed of operation as well as started and stopped therefrom, said common control embodying a rotatable member mounted for bodily movement, means connecting the member to the second actuating part for imparting rotational



movement thereto, said connecting means permitting limited bodily movement of said member independently of the second actuating part and connected to the first actuating part for moving the latter during such bodily movement whereby the operation of the motor may be concurrently regulated and controlled, and means supporting the control from the motor for mounting and demounting as a unit therewith.

2,128,879

RESINOUS IMPREGNATING MATERIAL

Kenneth M. Irey and Lawrence M. Debing, Palisades Park, N. J., assignors to Resinox Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application November 14, 1935, Serial No. 49,733

7 Claims. (Cl. 106—22)

1. In a process for the production of a resinous material by heat reacting a mixture of a bis-[hydroxy-aryl]-di-alkyl methane and a bis-[hydroxy-aryl]-di-alkyl methane—ketone condensation product with a sufficient proportion of an aldehyde to form an insoluble infusible product when fully reacted, the improvement which comprises carrying the reaction to an advanced stage evidenced by a dry rubber test of 15 to 25 seconds, and then immediately preventing substantial further reaction by ceasing the application of heat and introducing a plasticizer compatible with the condensation product thus produced.

2,128,880

COMPOSITION CORK

Kenneth M. Irey and Lawrence M. Debing, Palisades Park, N. J., assignors to Resinox Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application November 14, 1935, Serial No. 49,734

6 Claims. (Cl. 106—22)

1. A process for the producton of composition cork which comprises mixing comminuted cork with a resinous binder prepared by heat reacting a mixture of a bis-[hydroxy-aryl]-di-alkyl methane and a bis-[hydroxy-aryl]-di-alkyl methane—ketone condensation product with a sufficient proportion of an aldehyde to form an insoluble infusible product when fully reacted, carrying the reaction to an advanced stage evidenced by a dry rubber test of 15 to 25 seconds, and then immediately preventing substantial further reaction by ceasing the application of heat and introducing a plasticizer compatible with the condensation product thus produced, and subjecting the mixture of comminuted cork and resinous binder to the action of heat to transform said resinous binder to the insoluble state.

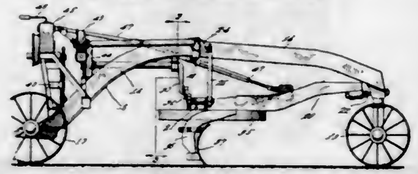
2,128,881

ROAD GRADER

Emil C. Iverson, Indianapolis, Ind., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind., a corporation of Indiana

Application May 4, 1936, Serial No. 77,682

1 Claim. (Cl. 37—156)



In a road grader, a main frame, a draw-bar disposed beneath said main frame and having its front end connected thereto through a universal connection, a scraper blade mounted on said draw-bar, and means for adjusting the rear end of said draw-bar laterally and vertically, said means comprising a pair of cranks, bearings for supporting said cranks for rotation about longitudinal axes spaced outwardly from and on opposite sides of said main frame, and links connecting said cranks respectively with spaced points on said draw-bar near the rear end thereof, the radius of each crank being less than the distance between its axis and the main frame, whereby each crank may be swung for a full revolution about its axis.

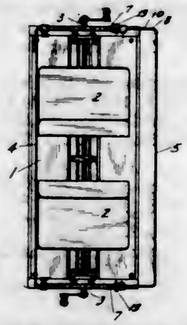
2,128,882

TRAY WITH DROP SIDE RAIL

Leo T. Le Febure and Frank Thayer, Cedar Rapids, Iowa, assignors to Lefebure Corporation, Cedar Rapids, Iowa, a corporation of Iowa

Application December 14, 1937, Serial No. 179,715

8 Claims. (Cl. 211—10)



1. In a tray of the nature indicated having a base and upstanding end members, said end members having hollow crossbars, a side rail having longitudinally slotted end portions turned at substantially right angles to the longitudinal dimension of the rail, said end portions being slidable in the hollow crossbars and retained against removal therefrom by pins passing through the slots, each end portion having spaced notches in its upper edge for the reception of fastening means, each crossbar having a notch in its upper edge to cooperate with the notches in the upper edges of the said end portions, and holding means on said crossbars adapted to enter the cooperating notches in the crossbars and end portions and to cooperate therewith in holding the side rail in different adjusted positions.

2,128,883

ELECTRICAL PLUG

Guy H. Burt, Providence, R. I.

Application March 23, 1938, Serial No. 197,557

2 Claims. (Cl. 173—322)



1. An electrical cord connector plug comprising a body of insulating material formed in two members each having an abutting face to contact the other, said members providing complementary recesses at one end forming contact housing channels when the body pieces are together, a plurality of metal contact members in said channels, said body members being provided at the other end with an opening at the rear end of the plug body communicating with said channels providing an entrance for the connector wires of an extension cord when the same are attached to the wiring terminals of said contact members, and a plurality of generally parallel prongs on said members, each prong being molded integral with one of said members and extending from the wall of said rear end opening toward the wall of the rear end opening of the other member, normal to the abutting surface of said member and free from undercut or overhanging portions with respect to any surface remote from the abutting surface to permit a molding die to be withdrawn therefrom, the walls of said opening and prongs being so constructed and arranged as to grip and flatten out the cord engaged, one of the prongs being so located as to engage substantially the mid portion of the cord and another of said prongs being substantially spaced therefrom and at a location sufficient to engage a side portion of the cord and prevent substantial twisting of the cord in the opening or slipping of a cord relative to the body members.

2,128,884

ARC CONVERTER

Erwin Marx, Brunswick, and Herbert Buchwald, Berlin-Reinickendorf, Germany

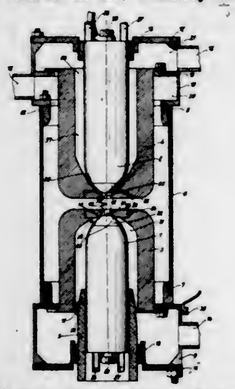
Application October 22, 1935, Serial No. 46,202

In Germany October 25, 1934

27 Claims. (Cl. 250—27.5)

1. The arrangement of arc gaps, e. g., arc converters, arc rectifiers and arc inverters comprising two electrodes in a flow of air and/or gas and/or steam, either electrode consisting at least of a main electrode and a screen electrode and with means for a periodic initiating of the main arcs by auxiliary arcs, means for introducing a stream of air and/or gas and/or steam into the arc chamber through one electrode between the main electrode and screen electrode, whereby additional openings for a further stream may be provided, means for discharging the air and/or gas and/or steam through the second electrode between the main electrode and screen electrode, and means including parts of electrodes between which the auxiliary arc is struck periodically

whereby at least one of the foot points of the auxiliary arc arises in the vicinity of that point



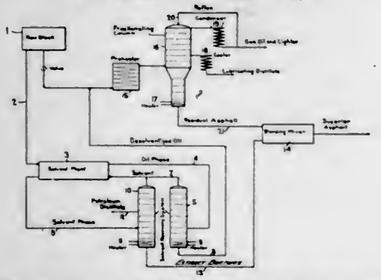
where one of the foot points of the main arc which is to be initiated shall exist.

2,128,885

PROCESS OF PRODUCING ASPHALT IN SOLVENT REFINEMENT OF PETROLEUM SUBSTANCES

John Ward Poole, Jaffrey, N. H.

Application September 1, 1934, Serial No. 742,443
Renewed January 24, 1938
13 Claims. (Cl. 196—13)



1. The process of treating a petroleum substance containing bituminous material of high ductility which comprises mixing with said substance a selective solvent for aromatic and unsaturated hydrocarbons, possessing solvent power comparable to that of such solvents when normally employed to increase the paraffinicity of viscous paraffinic-base lubricating oils, under such conditions as will result in the formation of a solvent phase and an oil phase, separating the phases, recovering the solvent from the solvent phase to produce an extract, and subjecting said extract to distillation to produce therefrom a valuable distillate and a residuum in such proportions that the residuum will be a bituminous substance of high ductility, blending said residuum with an asphaltic substance of relatively low ductility to produce an asphaltic substance of higher ductility without undesirably decreasing its hardness.

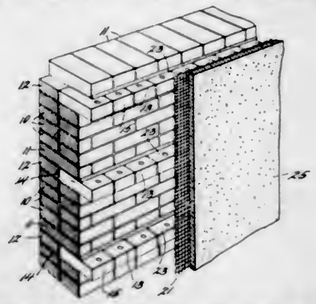
2,128,886

BUILDING WALL CONSTRUCTION

Joseph Rose, New York, N. Y.

Application February 23, 1938, Serial No. 192,179
10 Claims. (Cl. 72—16)

1. In building wall construction, a wall body formed of brick-like building units laid in courses, certain of said courses being vertically spaced and constituting furring courses, each furring course including a substantially continuous row of headers having their inner ends projecting outwardly of the inner face of the body wall to form a furring ledge, simultaneously



functioning as a fire and vermin stop, said ledges each having a series of horizontally spaced vertical holes extending therethrough, means extending through said holes for securing an interior-finishing layer against the ledge, and an interior-finishing layer held against the ledge by said means.

2,128,887

PRODUCTION OF SATURATED MORPHOLINE ALKANOL-ALKYL ETHERS

Alexander L. Wilson, Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

No Drawing. Original application December 4, 1934, Serial No. 755,912. Divided and this application May 5, 1937, Serial No. 140,837
5 Claims. (Cl. 260—247)

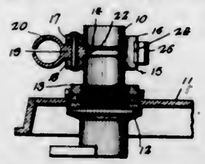
1. The process of making a morpholine ethanol ethyl ether, which comprises hydrogenating a morpholine ethanol vinyl ether in the vapor phase in the presence of a hydrogenating catalyst.

2,128,888

BATTERY CLASP

William Pierpoint, deceased, late of Yonkers, N. Y., by William C. Pierpoint, administrator, Kingston, N. Y., assignor to Pierpoint-Urzaiz Co. Inc.

Refiled for abandoned application Serial No. 597,596, March 8, 1932. This application October 22, 1936, Serial No. 107,085
8 Claims. (Cl. 173—259)



8. A battery connector including a conductor end supporting means, a lug formed on said supporting means, arcuate battery post embracing members pivoted to said lug, spaced circumscribing flanges on the outer face of each of said embracing members, and a flat spring band positioned between said flanges and embracing said embracing members, said spring band having outturned ends forming finger means to facilitate the removal thereof.

DESIGNS

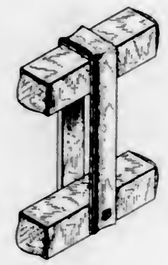
AUGUST 30, 1938

111,057

DESIGN FOR A CUFF LINK

Edward L. Anderson, Attleboro, Mass., assignor to Ripley and Gowen Company, Incorporated, Attleboro, Mass.

Application October 28, 1937, Serial No. 72,486
Term of patent 3½ years



The ornamental design for a cuff link, as shown and described.

111,058

DESIGN FOR A COMBINED DESK AND SEAT

Carl T. Anderson, Madison, Wis.

Application May 27, 1938, Serial No. 77,434
Term of patent 14 years



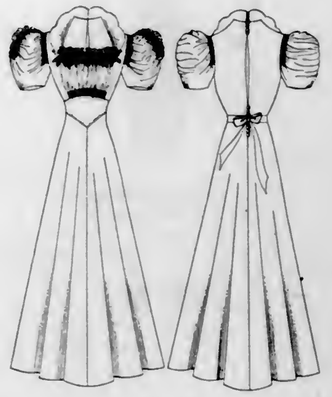
The ornamental design for a combined desk and seat, substantially as shown.

111,059

DESIGN FOR A DRESS

Louis Berger, New York, N. Y.

Application July 26, 1938, Serial No. 78,731
Term of patent 3½ years



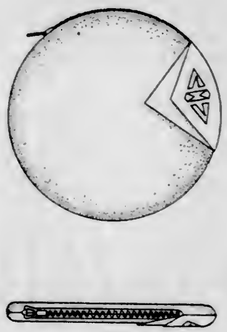
The ornamental design for a dress, substantially as shown.

111,060

DESIGN FOR A POWDER PUFF OR SIMILAR ARTICLE

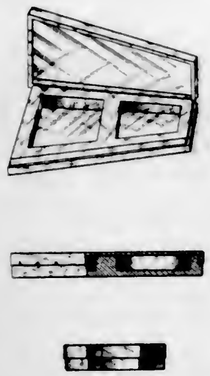
Alice Bernstein, New York, N. Y.

Application June 14, 1938, Serial No. 77,826
Term of patent 3½ years



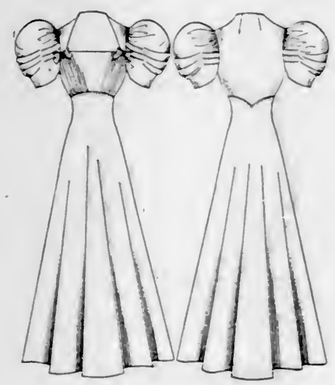
The ornamental design for a powder puff or similar article, substantially as shown and described.

111,061
DESIGN FOR A TRANSPARENT COSMETIC COMPACT
Arthur R. Botham, New York, N. Y., assignor to Coty, Inc., Wilmington, Del., a corporation of Delaware
Application December 28, 1937, Serial No. 73,907
Term of patent 14 years



The ornamental design for a transparent cosmetic compact, substantially as shown and described.

111,062
DESIGN FOR A DRESS
Samuel Chapman, New York, N. Y.
Application July 26, 1938, Serial No. 78,719
Term of patent 3½ years



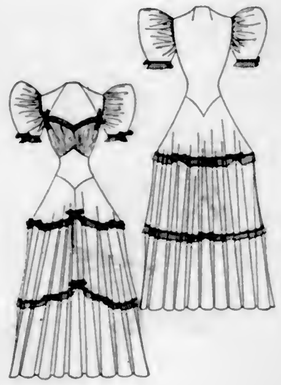
The ornamental design for a dress, substantially as shown.

111,063
DESIGN FOR A DRESS
Samuel Chapman, New York, N. Y.
Application July 26, 1938, Serial No. 78,723
Term of patent 3½ years



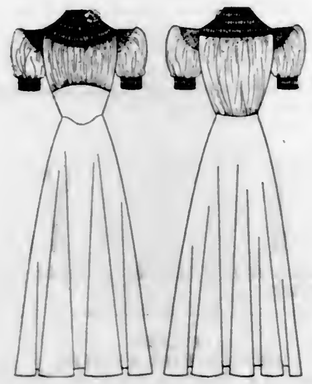
The ornamental design for a dress, substantially as shown.

111,064
DESIGN FOR A DRESS
Samuel Chapman, New York, N. Y.
Application July 26, 1938, Serial No. 78,724
Term of patent 3½ years



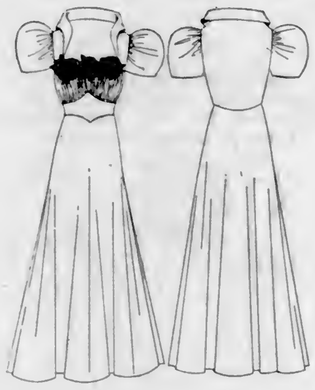
The ornamental design for a dress, substantially as shown.

111,065
DESIGN FOR A DRESS
Samuel Chapman, New York, N. Y.
Application July 26, 1938, Serial No. 78,727
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,066
DESIGN FOR A DRESS
Samuel Chapman, New York, N. Y.
Application July 27, 1938, Serial No. 78,754
Term of patent 3½ years



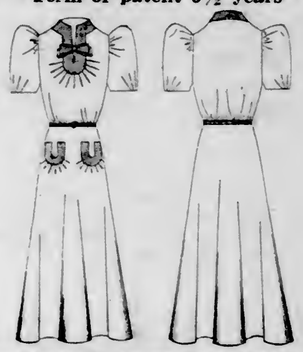
The ornamental design for a dress, substantially as shown.

111,067
DESIGN FOR A TEXTILE FABRIC
William Cohen, New York, N. Y.
Application June 9, 1938, Serial No. 77,685
Term of patent 3½ years



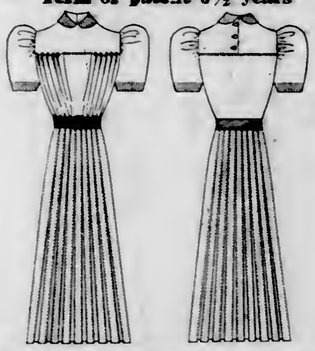
The ornamental design for a textile fabric, substantially as shown and described.

111,068
DESIGN FOR A DRESS
Arthur Cohen, New York, N. Y.
Application July 26, 1938, Serial No. 78,716
Term of patent 3½ years



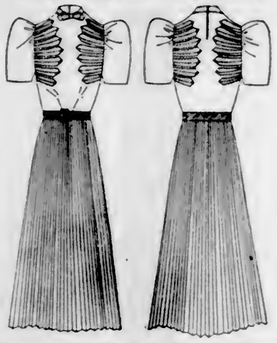
The ornamental design for a dress, substantially as shown.

111,069
DESIGN FOR A DRESS
Arthur Cohen, New York, N. Y.
Application July 26, 1938, Serial No. 78,717
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,070
DESIGN FOR A DRESS
Arthur Cohen, New York, N. Y.
Application July 26, 1938, Serial No. 78,718
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,071
DESIGN FOR A DRESS
Maurice Extract, New York, N. Y.
Application July 27, 1938, Serial No. 78,757
Term of patent 3½ years



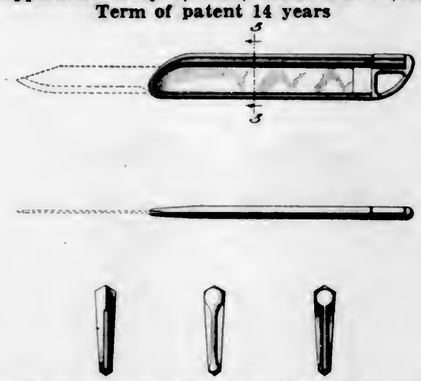
The ornamental design for a dress, substantially as shown.

111,072
DESIGN FOR A DRESS
Maurice Extract, New York, N. Y.
Application July 27, 1938, Serial No. 78,758
Term of patent 3½ years



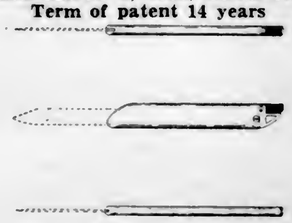
The ornamental design for a dress, substantially as shown.

111,073
DESIGN FOR A KNIFE
Howard L. Fischer, St. Paul, Minn.
Application July 6, 1938, Serial No. 78,312
Term of patent 14 years



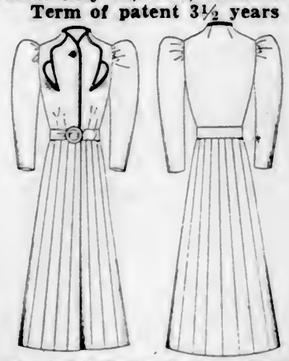
The ornamental design for a knife, as shown and described.

111,074
DESIGN FOR A KNIFE
Howard L. Fischer, St. Paul, Minn.
Application March 3, 1938, Serial No. 75,553
Term of patent 14 years



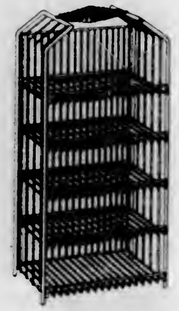
The ornamental design for a knife, as shown and described.

111,075
DESIGN FOR A COAT
Louis Glinn, New York, N. Y.
Application July 26, 1938, Serial No. 78,729
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

111,076
DESIGN FOR A PORTABLE REFRIGERATOR INDIVIDUAL ICE CREAM SHELF UNIT
George B. Hume, Kansas City, Mo.
Application June 13, 1938, Serial No. 77,804
Term of patent 14 years



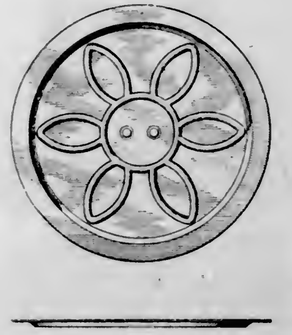
The ornamental design for a portable refrigerator individual ice cream shelf unit, as shown.

111,077
DESIGN FOR A DISH OR SIMILAR ARTICLE
Pascal L'Anglais, New York, N. Y., assignor to Oneida Ltd., Oneida, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,771
Term of patent 14 years



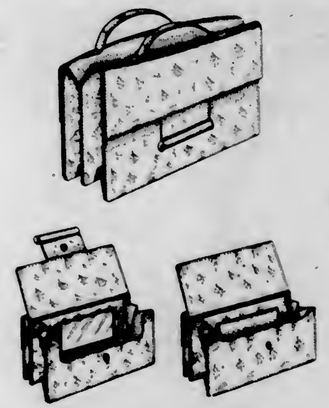
The ornamental design for a dish or similar article, as shown and described.

111,078
DESIGN FOR A COVER FOR A COOKING VESSEL OR SIMILAR ARTICLE
Adrien L. Langel, Chicago, Ill., assignor to Chicago Metallic Manufacturing Company, a corporation of Illinois
Application January 28, 1938, Serial No. 74,679
Term of patent 14 years



The ornamental design for a cover for a cooking vessel or similar article, substantially as shown.

111,079
DESIGN FOR A BEACH BAG
Florence N. Lewis, New York, N. Y.
Application July 1, 1938, Serial No. 78,207
Term of patent 3½ years



The ornamental design for a beach bag, as shown and described.

111,080
DESIGN FOR A DRESS ORNAMENT OR SIMILAR ARTICLE
Louis Merkler, New York, N. Y., assignor to Geller Scalloping & Novelty Co., Inc., New York, N. Y., a corporation of New York
Application May 16, 1938, Serial No. 77,207
Term of patent 3½ years



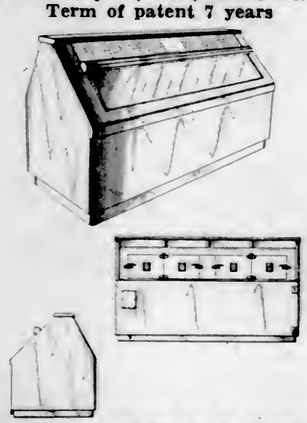
The ornamental design for a dress ornament or similar article, as shown and described.

111,081
DESIGN FOR A KNITTED FABRIC
Jack Minoff, Newark, N. J.
Application May 14, 1938, Serial No. 77,190
Term of patent 14 years



The ornamental design for a knitted fabric, substantially as shown.

111,082
DESIGN FOR A DISPLAY CASE
Reuben E. Ottenheimer, Baltimore, Md.
Application May 25, 1938, Serial No. 77,376
Term of patent 7 years



The ornamental design for a display case, as shown.

111,083
DESIGN FOR A LACE SCARF OR SIMILAR ARTICLE
Hans Albert Philips, Stratford, Conn., assignor to The American Fabrics Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1938, Serial No. 78,162
Term of patent 7 years



The ornamental design for a lace scarf or similar article, substantially as shown.

111,084
DESIGN FOR LACE
Hans Albert Philips, Stratford, Conn., assignor to The American Fabrics Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1938, Serial No. 78,164
Term of patent 7 years



The ornamental design for lace, substantially as shown.

111,085
DESIGN FOR LACE
Hans Albert Philips, Stratford, Conn., assignor to The American Fabrics Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1938, Serial No. 78,166
Term of patent 7 years



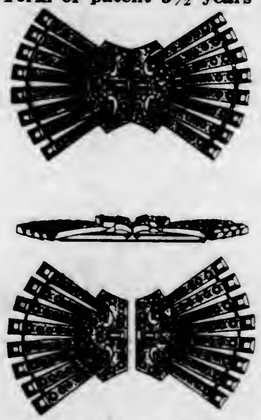
The ornamental design for lace, substantially as shown.

111,086
DESIGN FOR A BRACELET CHAIN OR SIMILAR ARTICLE
Oscar Placco, Cranston, R. I., assignor to Cohn Rosenberger, Inc., New York, N. Y.
Application July 21, 1938, Serial No. 78,627
Term of patent 3½ years



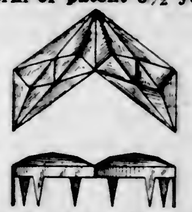
The ornamental design for a bracelet chain or similar article, substantially as shown.

111,087
DESIGN FOR A SEPARABLE BROOCH
Oscar Placco, Cranston, R. I., assignor to Cohn Rosenberger, Inc., New York, N. Y.
Application July 21, 1938, Serial No. 78,628
Term of patent 3½ years



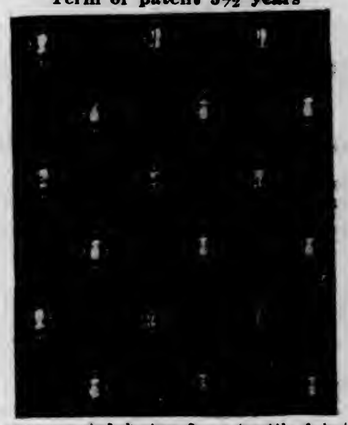
The ornamental design for a separable brooch, substantially as shown.

111,088
DESIGN FOR A DECORATIVE NAIL
Benjamin Salzberg, New York, N. Y.
Application June 10, 1938, Serial No. 77,701
Term of patent 3½ years



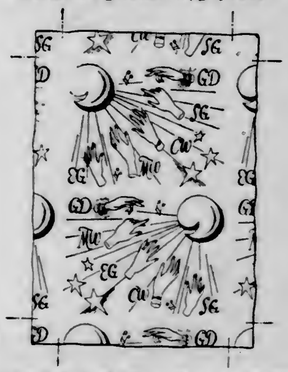
The ornamental design for a decorative nail, substantially as shown.

111,089
DESIGN FOR A TEXTILE FABRIC
William T. Simonton, Jr., Totowa, N. J.
Application July 28, 1938, Serial No. 78,799
Term of patent 3½ years



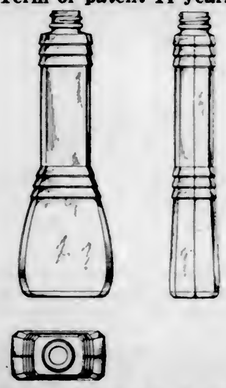
The ornamental design for a textile fabric, substantially as shown and described.

111,090
DESIGN FOR A TEXTILE FABRIC
Dorothy S. Smith, New York, N. Y.
Application May 3, 1938, Serial No. 76,943
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

111,091
DESIGN FOR A BOTTLE
Norman F. Steuer, San Francisco, Calif., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif., a corporation of Delaware
Application July 13, 1938, Serial No. 78,452
Term of patent 14 years



The ornamental design for a bottle, substantially as shown.

111,092
DESIGN FOR A TAX STAMP OR SIMILAR ARTICLE
Donald M. Turner, Providence, R. I.
Application June 24, 1938, Serial No. 78,015
Term of patent 3½ years



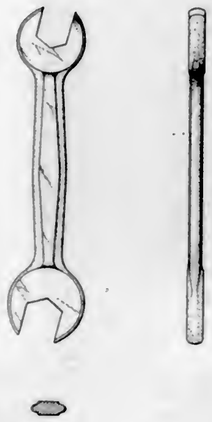
The ornamental design for a tax stamp or similar article, substantially as shown and described.

111,093
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application August 2, 1938, Serial No. 79,025
Term of patent 3½ years



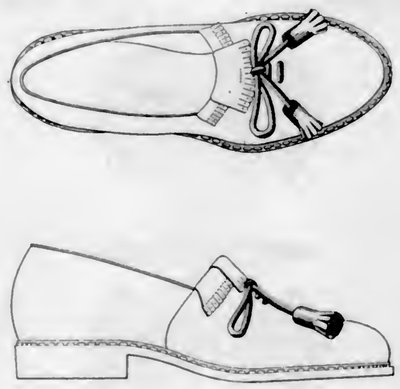
The ornamental design for a textile fabric or similar article, as shown.

111,094
DESIGN FOR A WRENCH OR SIMILAR ARTICLE
Joseph M. Vallone, Buffalo, N. Y., assignor to Barcalo Manufacturing Company, Buffalo, N. Y.
Application June 19, 1937, Serial No. 69,911
Term of patent 14 years



The ornamental design for a wrench or similar article, substantially as shown and described.

111,095
DESIGN FOR A SHOE
Burton L. Wales, Abington, Mass., assignor to The Stetson Shoe Company, Inc., Weymouth, Mass., a corporation of Massachusetts
Application May 25, 1938, Serial No. 77,365
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

111,096
DESIGN FOR A SHOE
Ben Weiner, Brookline, Mass.
Application July 25, 1938, Serial No. 78,691
Term of patent 3½ years



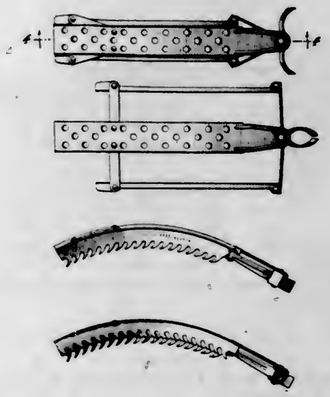
The ornamental design for a shoe, as shown.

111,097
DESIGN FOR A CLOSURE CAP FOR A JAR OR THE LIKE
William Plunkett White, Glencoe, Ill., assignor to White Cap Company, Chicago, Ill., a corporation of Delaware
Application July 11, 1938, Serial No. 78,405
Term of patent 14 years



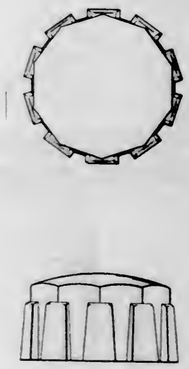
The ornamental design for a closure cap for a jar or the like, substantially as shown.

111,098
DESIGN FOR A HAIR WAVING DEVICE
Mervin Wideman, New York, N. Y.
Application July 19, 1938, Serial No. 78,592
Term of patent 7 years



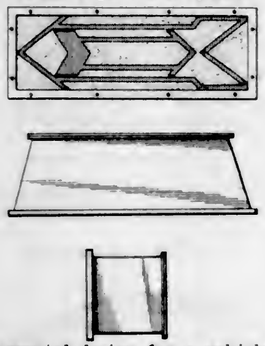
The ornamental design for a hair waving device, as shown and described.

111,099
DESIGN FOR A CONTAINER CAP
Georges Wilmet, Roslyn, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application April 29, 1938, Serial No. 76,851
Term of patent 3½ years



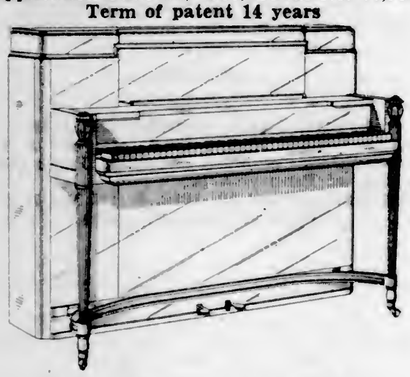
The ornamental design for a container cap, substantially as shown.

111,100
DESIGN FOR A VEHICLE DIRECTION SIGNAL
Ernest F. Woodworth, Fort Collins, Colo.
Application June 29, 1938, Serial No. 78,146
Term of patent 14 years



The ornamental design for a vehicle direction signal, as shown.

111,101
DESIGN FOR AN UPRIGHT PIANO
Everett Worthington, Scarsdale, N. Y., assignor to Steinway & Sons, New York, N. Y., a corporation of New York
Application June 22, 1938, Serial No. 77,987
Term of patent 14 years



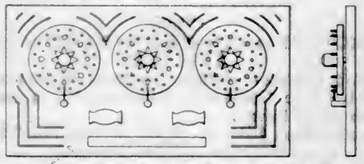
The ornamental design for an upright piano, substantially as shown.

111,102
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application June 14, 1938, Serial No. 77,831
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

111,103
DESIGN FOR A GAME BOARD
Charles A. Anderson, New Rochelle, N. Y., assignor to Gotham Pressed Steel Corporation, New York, N. Y.
Application June 11, 1938, Serial No. 77,767
Term of patent 7 years



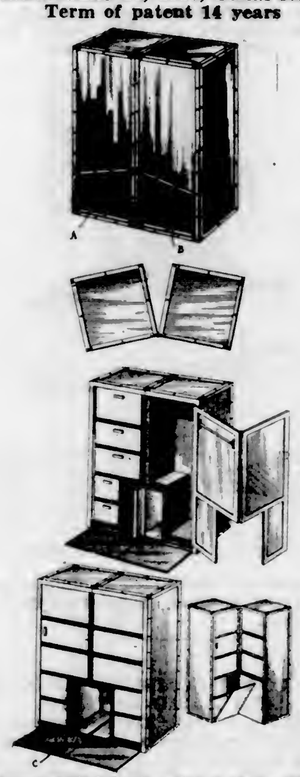
The ornamental design for a game board, as shown.

111,104
DESIGN FOR A COMBINED CONTAINER AND BASE THEREFOR
Richard H. Arbib, Woodmere, N. Y.
Application February 28, 1938, Serial No. 75,454
Term of patent 3½ years



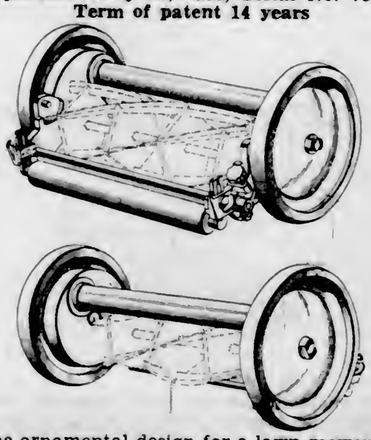
The ornamental design for a combined container and base therefor, as shown.

111,105
DESIGN FOR A CONVERTIBLE TRUNK OR SIMILAR ARTICLE
William J. Begg, New York, N. Y.
Application June 14, 1937, Serial No. 69,833
Term of patent 14 years



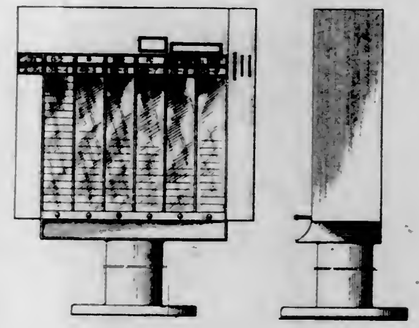
The ornamental design for a convertible trunk or similar article, substantially as shown and described.

111,106
DESIGN FOR A LAWN MOWER
Richard D. Clemson, Middletown, N. Y.
Application July 13, 1938, Serial No. 78,453
Term of patent 14 years



The ornamental design for a lawn mower, substantially as shown and described.

111,107
DESIGN FOR A HOSIERY DISPENSING MACHINE
Robert Charles Hopkins, Rockville Centre, N. Y.
Application April 7, 1938, Serial No. 76,341
Term of patent 3½ years



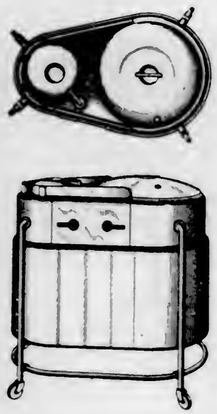
The ornamental design for a hosiery dispensing machine, as shown.

111,108
DESIGN FOR A GAME DEVICE
Almon C. MacDonald, Brockton, Mass., assignor to Pig Peggy Company, Brockton, Mass., a corporation of Massachusetts
Application May 7, 1938, Serial No. 77,048
Term of patent 3½ years



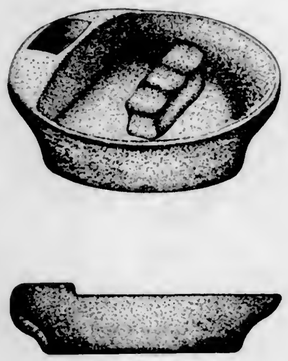
The ornamental design for a game device, as shown.

111,109
DESIGN FOR A CASING FOR COMBINED WASHING MACHINE AND DRIER
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application April 29, 1937, Serial No. 69,066
Term of patent 7 years



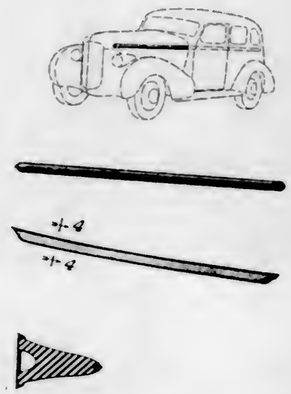
The ornamental design for a casing for combined washing machine and drier, as shown.

111,110
DESIGN FOR A COMBINATION ASHTRAY AND MATCH BOX HOLDER
Martin Secan, Highland Park, Mich.
Application March 16, 1938, Serial No. 75,869
Term of patent 7 years



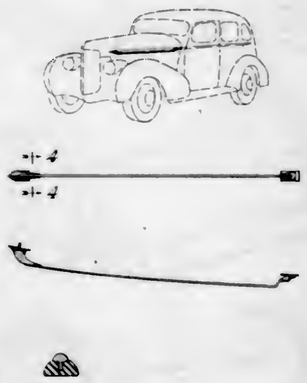
The ornamental design for a combination ashtray and match box holder, substantially as shown and described.

111,111
DESIGN FOR A COMBINED AUTOMOBILE AND RADIO ANTENNA
George Snyder, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 10, 1938, Serial No. 74,189
Term of patent 7 years



The ornamental design for a combined automobile and radio antenna, substantially as shown and described.

111,112
DESIGN FOR A COMBINED AUTOMOBILE AND RADIO ANTENNA
George Snyder, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 10, 1938, Serial No. 74,190
Term of patent 7 years



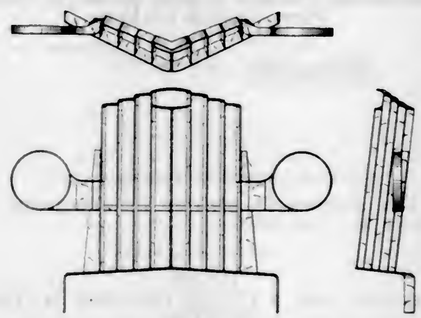
The ornamental design for a combined automobile and radio antenna, substantially as shown and described.

111,113
DESIGN FOR A MONKEY DOLL
Emma Valentine, Milwaukee, Wis., assignor of one-third to Kathryn Egan, Milwaukee, Wis.
Application May 16, 1938, Serial No. 77,204
Term of patent 3½ years



The ornamental design for a monkey doll, as shown.

111,114
DESIGN FOR A RADIATOR GUARD
John Walker, Long Island City, N. Y., assignor to Mack Manufacturing Corporation, Long Island City, N. Y., a corporation of Delaware
Application May 28, 1938, Serial No. 77,450
Term of patent 3½ years



The ornamental design for a radiator guard, as shown.

111,115
DESIGN FOR A SLIPPER
Israel Berman, New York, N. Y.
Application August 2, 1938, Serial No. 79,036
Term of patent 3½ years



The ornamental design for a slipper, substantially as shown.

111,116
DESIGN FOR A TEXTILE FABRIC
George Bischof, Union City, N. J.
Application July 7, 1938, Serial No. 78,332
Term of patent 3½ years



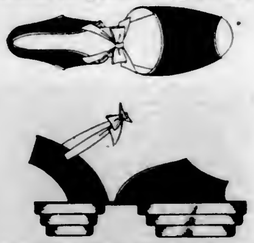
The ornamental design for a textile fabric, substantially as shown.

111,117
DESIGN FOR A CARPET OR SIMILAR ARTICLE
William Brown, New York, N. Y., assignor to C. H. Masland & Sons, Inc., Carlisle, Pa., a corporation of Pennsylvania
Application July 12, 1938, Serial No. 78,421
Term of patent 7 years



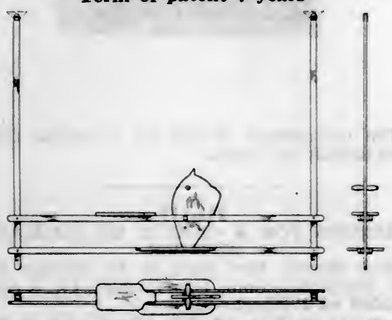
The ornamental design for a carpet or similar article, as shown.

111,118
DESIGN FOR A SHOE
David Levin, New York, N. Y.
Application July 26, 1938, Serial No. 78,733
Term of patent 3½ years



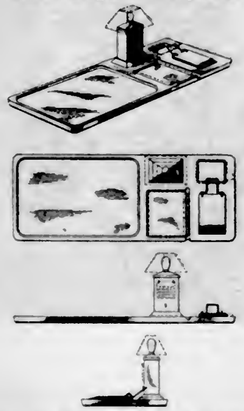
The ornamental design for a shoe, substantially as shown.

111,119
DESIGN FOR A SWING
Forrest L. Stotler, Akron, Ohio, assignor of one-half to Bruce S. Blake, Akron, Ohio
Application June 21, 1938, Serial No. 77,967
Term of patent 7 years



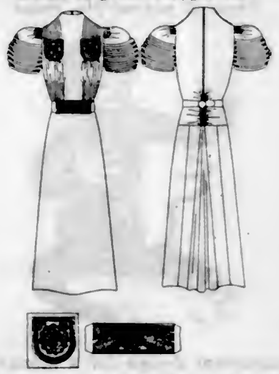
The ornamental design for a swing, as shown.

111,120
DESIGN FOR A COMBINED LAMP, TELEPHONE STAND, AND DESK UNIT
Fred G. Thomas, Jr., Somerville, N. J.
Application July 14, 1938, Serial No. 78,475
Term of patent 7 years



The ornamental design for a combined lamp, telephone stand, and desk unit, as shown.

111,121
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 12, 1938, Serial No. 78,413
Term of patent 3½ years



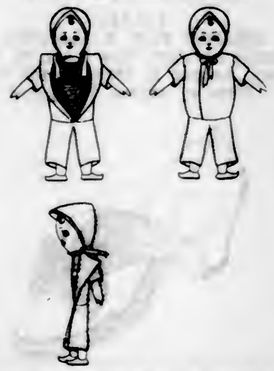
The ornamental design for a dress, substantially as shown and described.

111,122
DESIGN FOR A CURLING COMB
Daniel D. Whyte, New York, N. Y., assignor to Injection Moulding Corp., New York, N. Y., a corporation of New York
Application February 3, 1938, Serial No. 74,817
Term of patent 3½ years



The ornamental design for a curling comb, as shown and described.

111,123
DESIGN FOR A COVER FOR HOT WATER BOTTLE
Annabell Culverwell, New York, N. Y.
Application May 4, 1938, Serial No. 76,973
Term of patent 7 years



The ornamental design for a cover for hot water bottle, as shown and described.

111,124
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
August Hafner, Whitestone, Long Island, N. Y.
Application July 15, 1938, Serial No. 78,498
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

111,125
DESIGN FOR A TEXTILE FABRIC FOR UPHOLSTERY
Carl P. Majer, Germantown, Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J., a corporation of New Jersey
Application July 27, 1937, Serial No. 70,684
Term of patent 3½ years



The ornamental design for a textile fabric for upholstery, as shown.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abelson, Albert, Bloemfontein, Orange Free State, Union of South Africa. Pharmaceutical preparation. Serial No. 403,489; Aug. 2. Class 6.

Acushnet Process Company, Acushnet, Mass. Golf balls. Serial Nos. 407,707–8; Aug. 2. Class 22.

Adam Hat Stores, Inc., New York, N. Y. Men's hats. Serial No. 406,271; Aug. 2. Class 39.

American Alfalfe Company, Inc., Buffalo, N. Y. Sweat bands or head bands. Serial No. 406,322; Aug. 2. Class 40.

American Disinfecting Co., Inc., Sedalia, Mo. Alkaline detergents, filter soap, etc. Serial No. 400,676; Aug. 2. Class 4.

American Pop Corn Company, Sioux City, Iowa. Popped pop corn. Serial No. 405,979; Aug. 2. Class 46.

Arlington Packing Corporation, Arlington, Calif. Canned fruits, canned vegetables, and canned fruit juices. Serial No. 406,854; Aug. 2. Class 46.

Arwell, Inc., Waukegan, Ill. Cleansing, deodorizing, and fumigating preparation. Serial No. 405,628; Aug. 2. Class 6.

Atlas Powder Company, Wilmington, Del. Leather cloth. Serial No. 406,575; Aug. 2. Class 50.

Aulick, C. J., Los Angeles, Calif. Playing cards. Serial No. 407,412; Aug. 2. Class 22.

Barber, W. H., Company, Minneapolis, Minn. Lubricating oils and greases. Serial No. 406,628; Aug. 2. Class 15.

Barkan Silk Co. Inc., New York, N. Y. Piece goods. Serial No. 401,045; Aug. 2. Class 42.

Belle City Malleable Iron Company, Racine, Wis. Iron and iron alloys and castings made therefrom. Serial No. 407,617; Aug. 2. Class 14.

Betty-Ann Hats, Inc., New York, N. Y. Misses' and children's hats. Serial No. 402,084; Aug. 2. Class 39.

Billings & Spencer Company, The, Hartford, Conn. Pliers and hammers. Serial No. 406,956; Aug. 2. Class 23.

Biondo, Pete, St. Louis, Mo. General cleaner. Serial No. 404,628; Aug. 2. Class 4.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Smoking and chewing tobacco. Serial Nos. 406,904–8; Aug. 2. Class 17.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Smoking and chewing tobacco. Serial No. 406,910; Aug. 2. Class 17.

Blue Eagle Wine & Liquor Co., Chicago, Ill. Whiskey. Serial No. 402,675; Aug. 2. Class 49.

Brown, E. C., Company, The, Rochester, N. Y. Juvenile velocipedes and scooters. Serial No. 377,383; Aug. 2. Class 22.

Bunyan, Paul, Foods, Inc., Seattle, Wash. Canned fruits, vegetables, berries, etc. Serial No. 396,490; Aug. 2. Class 46.

Burndy Engineering Company, Inc., New York, N. Y. Tools for compressing a connector on a cable. Serial No. 407,126; Aug. 2. Class 23.

Cantor Greenspan Co., Inc., New York, N. Y. Piece goods. Serial Nos. 407,300–1; Aug. 2. Class 42.

Capital City Products Company, The, Columbus, Ohio. Vegetable shortening. Serial No. 407,216; Aug. 2. Class 46.

Celluloid Corporation, Newark, N. J. Cellulosic transparent or translucent wrapping and packaging material. Serial No. 406,548; Aug. 2. Class 37.

Cement Gun Company, Allentown, Pa. Machines or apparatus for mixing and applying plastic and adhesive materials to structures or other surfaces and parts of such machines. Serial No. 406,958; Aug. 2. Class 23.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Printing paper. Serial Nos. 406,915–6; Aug. 2. Class 37.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Blanks and boards for printing purposes. Serial No. 406,917; Aug. 2. Class 37.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Printing paper. Serial Nos. 406,918–9; Aug. 2. Class 37.

Chauvin, Lucie, Paris, France. Pharmaceutical products. Serial No. 404,749; Aug. 2. Class 6.

Chiropody Supply Headquarters, Inc., Chicago, Ill. Electrical drill for use in the art of chiropody. Serial No. 404,687; Aug. 2. Class 44.

Chittenden & Eastman Company, Burlington, Iowa. Mattresses and box springs. Serial No. 407,536; Aug. 2. Class 32.

Coach Trailer Co. (See Seaton, Andrew R.)

Collins-Dietz-Morris Company, Oklahoma City, Okla. Canned goods. Serial No. 406,960; Aug. 2. Class 46.

Comins & Co. Inc., Rochdale, Mass. Piece goods. Serial No. 407,366; Aug. 2. Class 42.

Commercial Milling Company, Detroit, Mich. Wheat flour. Serial No. 400,667; Aug. 2. Class 46.

Corduroy Rubber Company, Grand Rapids, Mich. Tire casings. Serial No. 407,307; Aug. 2. Class 35.

Cosmic-Ray Enterprises. (See Parfet, Ray T.)

Cotan Corporation, Wilmington, Del. Coated textile fabrics. Serial No. 406,857; Aug. 2. Class 50.

Croce, Michael D., New York, N. Y. Cosmetics. Serial No. 404,069; Aug. 2. Class 6.

Crookes Laboratories, Incorporated, New York, N. Y. Medicinal preparation. Serial No. 406,503; Aug. 2. Class 6.

Crown Fastener Corporation, Wilmington, Del., and New York, N. Y. Slide fasteners. Serial No. 406,092; Aug. 2. Class 13.

C. W. Prescription Laboratories. (See Wood, Tom S.)

De Simone Bros. Inc., Brooklyn, N. Y. Olive oil. Serial No. 406,797; Aug. 2. Class 46.

Detective Stories Publishing Company, Chicago, Ill. Magazine. Serial No. 401,654; Aug. 2. Class 38.

Detrola Corporation, Detroit, Mich. Radio receiving sets and component parts. Serial Nos. 407,090–2; Aug. 2. Class 21.

DeWalt Products Corporation, Lancaster, Pa. Lumber cutting machines. Serial No. 403,679; Aug. 2. Class 23.

Dickson, George A., doing business as No Vom Co., Dunsmuir, Calif. Tablets for the treatment of nausea, overindulgence, etc. Serial No. 403,436; Aug. 2. Class 6.

Duplan Silk Corporation, New York, N. Y. Textile fabrics. Serial No. 407,309; Aug. 2. Class 42.

Elias Glass Company, The, Hartford, Conn. Mirrors. Serial No. 407,667; Aug. 2. Class 32.

Fink & Co. Inc., New York, N. Y. Face cream. Serial No. 399,226; Aug. 2. Class 6.

Fisk Rubber Corporation, The, Chicopee Falls, Mass. Vehicle tires. Serial No. 407,371; Aug. 2. Class 35.

Ford Motor Company, Dearborn, Mich. Anti-freeze alcohols and other anti-freeze liquids. Serial No. 399,182; Aug. 2. Class 6.

Ford Motor Company, Dearborn, Mich. Heating and forced draft ventilating units. Serial No. 401,478; Aug. 2. Class 34.

Ford Motor Company, Dearborn, Mich. Radio receiving sets and parts thereof. Serial No. 398,427; Aug. 2. Class 21.

Fowler, L. Ray, New York, N. Y. Dolls, stuffed toys, board-games, etc. Serial Nos. 407,588–9; Aug. 2. Class 22.

Gebr. Krusius. (See Krusius, Erwin.)

General Chemical Company, New York, N. Y. Insecticides and fungicides. Serial No. 406,969; Aug. 2. Class 6.

Gibboney, T. F., Co. Inc., Reedsville, Pa. Blankets. Serial No. 407,312; Aug. 2. Class 42.

Gladding's Inc., Providence, R. I. Outer shorts and shirts, blouses, etc. Serial No. 406,129; Aug. 2. Class 39.

Glidden Company, The, Cleveland, Ohio. Paints, paint enamels, stains, etc. Serial No. 405,498; Aug. 2. Class 16.

Globe Roofing Products Co. Inc., Chicago, Ill. Asphalt composition. Serial No. 406,642; Aug. 2. Class 12.

Griffith Laboratories, Inc., The, also doing business as Griffith Laboratories, Chicago, Ill. Salt composition. Serial No. 403,915; Aug. 2. Class 6.

Hampden Brewing Company, Willimansett, Mass. Ale, mild ale, and porter. Serial No. 400,692; Aug. 2. Class 48.

Hand, Allen F., Greenwich, N. Y. Cantaloupes and melons. Serial No. 401,304; Aug. 2. Class 46.

Hardwood Products Co., Mayville, Mich., and Guilford, Maine. Wooden spoons, wooden forks and spoons. Serial No. 404,897; Aug. 2. Class 23.

Hardy, James G., doing business as James G. Hardy & Co., New York, N. Y. Cotton sheets and pillow cases, cotton sheeting, etc. Serial No. 406,511; Aug. 2. Class 42.

Hearn Department Stores, Inc., New York, N. Y. Mirrors. Serial No. 403,917; Aug. 2. Class 32.

Heinrich Hermann & Weiss. (See Herrmann, Robert.)

Herrmann, Robert, doing business as Heinrich Hermann & Weiss, New York, N. Y. Toilet sets. Serial No. 405,774; Aug. 2. Class 40.

Herward Fabrics Co., New York, N. Y. Rayon and woolen fabrics. Serial No. 401,863; Aug. 2. Class 42.

Hirschberg-Schutz & Co., New York, N. Y. Brassières, girdles, and corsets. Serial No. 405,927; Aug. 2. Class 39.

Houghton, E. F., & Co., Philadelphia, Pa. Wetting out agents for textiles. Serial No. 406,292; Aug. 2. Class 6.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Synthetic rubber and rubber-like materials. Serial No. 406,718; Aug. 2. Class 1.

International Nickel Company, Inc., The, New York, N. Y. Nickel shots and blocks, and malleable nickel. Serial No. 407,630; Aug. 2. Class 14.

Iowa Seed Company, Des Moines, Iowa. Field seeds. Serial No. 403,820; Aug. 2. Class 1.

Jay-Thorpe, Inc., New York, N. Y. Ladies' and misses' hats, shoes; gloves; etc. Serial No. 402,299; Aug. 2. Class 39.

John Sunshine Chemical Co., Inc., Chicago, Ill. Drain pipe cleaner. Serial No. 405,624; Aug. 2. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Journal Box Servicing Corporation, Indianapolis, Ind. Machinery comprising an interconnected organization of journal box waste washing and reclaiming mechanisms, etc. Serial No. 406,255; Aug. 2. Class 23.
Juvenile Shoe Corporation of America, The, Aurora and St. Louis, Mo. Shoes. Serial No. 406,294; Aug. 2. Class 39.
Kipilman, Louis, doing business as Majestic Laboratories, Richmond Hill, N. Y. Preparation for the treatment of vericose ulcers, eczema, etc. Serial No. 406,421; Aug. 2. Class 6.
Krusius, Erwin, doing business as Gebr. Krusius, Solingen, Germany. Cutlery. Serial No. 400,388; Aug. 2. Class 23.
Lambert Pharmacal Company, Wilmington, Del. Tooth paste. Serial No. 406,256; Aug. 2. Class 6.
Lamneck Products Inc., Columbus, Ohio. Pre-fabricated air-conveying ducts, furnace casings, etc. Serial No. 406,296; Aug. 2. Class 34.
Latex Foundations, Inc., New York, N. Y. Girdles, corselets, brassières, etc. Serial No. 405,396; Aug. 2. Class 39.
Laucks, I. F., Inc., Seattle, Wash. Glue. Serial No. 375,255; Aug. 2. Class 5.
Laucks, I. F., Inc., Seattle, Wash. Paints, varnishes, stains, and lacquers. Serial No. 398,165; Aug. 2. Class 16.
Lavett, Anthony E., doing business as Marvolene Company, Los Angeles, Calif. Tonic for the hair and scalp. Serial No. 406,723; Aug. 2. Class 6.
Lewellier-Phillips Paper Company, Inc., New Orleans, La. Wiping cloths. Serial Nos. 404,567–8; Aug. 2. Class 29.
Levy Brothers of Elizabeth, N. J., Inc., Elizabeth, N. J. Sheets. Serial No. 392,693; Aug. 2. Class 42.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 406,395; Aug. 2. Class 46.
Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton and rayon piece goods. Serial No. 407,232; Aug. 2. Class 42.
Macklanburg-Duncan Company, Oklahoma City, Okla. Fibrous and metal weatherstrip, metal molding and automatic door bottoms. Serial No. 406,931; Aug. 2. Class 12.
Majestic Laboratories. (See Kipilman, Louis.)
Martin-Senour Co., The, Cleveland, Ohio. Paint solvents, paint reducers, and paint extenders. Serial No. 406,591; Aug. 2. Class 16.
Marvolene Company. (See Lavett, Anthony E.)
Mathieson Alkali Works (Inc.), The, New York, N. Y. Bactericide, germicide, deodorant, insecticide, and fungicide. Serial No. 406,688; Aug. 2. Class 6.
Menasha Products Company, Menasha, Wis. Printed display signs and advertising matter. Serial No. 405,399; Aug. 2. Class 38.
Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco. Serial No. 403,600; Aug. 2. Class 17.
Modes and Fabrics, Inc., New York, N. Y. Printed technical reports and literatures. Serial No. 391,485; Aug. 2. Class 38.
Moirs Limited, Halifax, Nova Scotia, Canada. Chocolates. Serial No. 399,194; Aug. 2. Class 46.
Monarch Sanitary Products, Inc., New York, N. Y. Toilet seats. Serial No. 405,456; Aug. 2. Class 13.
Monroe Chemical Company, Quincy, Ill. Preparation for the bath. Serial No. 403,605; Aug. 2. Class 6.
Montgomery, H. A., Company, The, Detroit, Mich. Lubricants. Serial No. 399,852; Aug. 2. Class 15.
Morreale, Angelo S., Los Angeles, Calif. Board game. Serial No. 407,679; Aug. 2. Class 22.
National Co-Operatives, Inc., Indianapolis, Ind. Electric refrigerators. Serial No. 401,445; Aug. 2. Class 31.
National Cash Register Company, The, Dayton, Ohio. Cash registers, credit registers, autographic registers, etc. Serial No. 406,144; Aug. 2. Class 26.
Nestor Johnson Manufacturing Company, Chicago, Ill. Ice skates and skate outfits. Serial No. 407,071; Aug. 2. Class 22.
Nickel-Chromium Plating Corporation, Chicago, Ill. Electroplating apparatus. Serial No. 403,276; Aug. 2. Class 21.
Nolde and Horst Company, The, Reading, Pa. Hosiery. Serial No. 407,196; Aug. 2. Class 39.
Non-Spil Paper Cup Corp., New York and Brooklyn, N. Y. Paper cups. Serial No. 407,274; Aug. 2. Class 2.
Northwest Paper Company, The, Cloquet, Minn. Paper. Serial No. 399,469; Aug. 2. Class 37.
No Vom Co. (See Dickson, George A.)
Olden Minerals, Incorporated, Los Angeles, Calif. Pharmaceutical preparations. Serial Nos. 405,404–5; Aug. 2. Class 6.
Pacific Trading Company, San Francisco, Calif. Noodles. Serial No. 406,727; Aug. 2. Class 46.
Paragon Distributing Corp., New York, N. Y. Shampoo. Serial No. 406,098; Aug. 2. Class 6.
Paramount Distilling Corporation, Chicago, Ill. Whiskey. Serial No. 407,279; Aug. 2. Class 49.
Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Plant food. Serial No. 407,240; Aug. 2. Class 10.
Patek & Co., San Francisco, Calif. Compound for removing cosmetics from fabrics. Serial No. 406,937; Aug. 2. Class 4.
Patek & Co., San Francisco, Calif. Neutralizing agent. Serial No. 406,938; Aug. 2. Class 6.
Pharis Tire and Rubber Company, The, Newark, Ohio. Rubber and rubber-containing pneumatic tires and tubes. Serial No. 392,162; Aug. 2. Class 35.
Pure Oil Company, The, Chicago, Ill. Protective coating material. Serial No. 394,050; Aug. 2. Class 6.
Puritan Knitting Mills, Corp., Altoona, Pa. Woolen sweaters. Serial No. 406,693; Aug. 2. Class 39.
Quality Premium Distributors, Incorporated, Philadelphia, Pa. Cards which are used in the playing of a game. Serial No. 407,818; Aug. 2. Class 22.
Quality Sales Company, doing business as Roley Poley Manufacturing Company, Chicago, Ill. Furniture slip covers. Serial No. 407,558; Aug. 2. Class 32.
Queen City Bottling Company, The, Cincinnati, Ohio. Non-alcoholic fruit beverage. Serial No. 406,655; Aug. 2. Class 45.
Regas, George S., doing business as G. S. Regas Co., Chicago, Ill. Preparation for removing dandruff and for the treatment of itching scalp. Serial No. 403,522; Aug. 2. Class 6.
Reza & Reza, Oceanside, Calif. General tonic. Serial No. 382,569; Aug. 2. Class 6.
Rite Products, Inc., New York, N. Y. Shoe-lacings. Serial No. 403,562; Aug. 2. Class 40.
Roley Poley Manufacturing Company. (See Quality Sales Company.)
Rosemary Creamery, Inc., Atlanta, Ga. Processed butter. Serial No. 403,963; Aug. 2. Class 46.
Roux, Félix C., Malakoff, France. Organotherapeutic products. Serial No. 400,879; Aug. 2. Class 6.
Sample, Elwin C., Lakeland, Fla. Eggs. Serial No. 406,776; Aug. 2. Class 46.
Samson-United Corporation, Rochester, N. Y. Electric flat-iron. Serial No. 406,999; Aug. 2. Class 21.
Sanders, Frank S., West Palm Beach, Fla. Powder for headache, neuralgia, etc. Serial No. 406,469; Aug. 2. Class 6.
Schindel, Edmund, doing business as Schindel's Laboratories, Aurora, Ill. Medicinal preparation. Serial No. 388,557; Aug. 2. Class 6.
Seaboard Steel Company of America, New York, N. Y. Tool steels. Serial No. 407,564; Aug. 2. Class 14.
Seagren, Carl E., New York, N. Y. Cakes. Serial No. 407,035–6; Aug. 2. Class 46.
Sealed Power Corporation, Muskegon, Mich. Piston rings. Serial No. 407,693; Aug. 2. Class 35.
Seaton, Andrew R., doing business as Coach Trailer Co., Los Angeles, Calif. Trailers. Serial No. 394,640; Aug. 2. Class 19.
Selmer, H. & A., Incorporated, Elkhart, Ind. Container for portable music stands and the like. Serial No. 406,987; Aug. 2. Class 2.
Siegal, Irving J., doing business as Sport-Grip Mfg. Co. (not inc.), Chicago, Ill. Material in paste form applied to the hands to provide a non-slipping hold. Serial No. 403,279; Aug. 2. Class 4.
Sioux Honey Association, Cooperative, doing business as Western Honey Producers, Sioux City, Iowa. Honey. Serial No. 406,948; Aug. 2. Class 46.
Societe Anonyme Chimie & Atomistique, Paris, France. Preparation for the treatment of streptococcus infections. Serial No. 406,529; Aug. 2. Class 6.
Society for Visual Education, Inc., Chicago, Ill. Still picture film projector. Serial No. 405,672; Aug. 2. Class 26.
Sport-Grip Mfg. Co. (not inc.). (See Siegal, Irving J.)
Staley, A. E., Manufacturing Company, Decatur, Ill. Thin boiling starch. Serial No. 406,888; Aug. 2. Class 6.
Staynew Filter Corporation, Rochester, N. Y. Filtering materials. Serial No. 400,886; Aug. 2. Class 31.
Stebenne, Chester J., Denver, Colo. Automobile cleaning and polishing preparations. Serial No. 406,540; Aug. 2. Class 16.
Stephenson, Reuben M., doing business as Stephenson Air Brush Painting Company, Oakland, Calif. Testing apparatus. Serial No. 402,490; Aug. 2. Class 26.
Sterling Hosiery Co., Chicago, Ill. Sport socks, sweaters; caps; etc. Serial No. 404,962; Aug. 2. Class 39.
Stewartstown Furniture Company, Stewartstown, Pa. Furniture. Serial No. 397,522; Aug. 2. Class 32.
Stifel, J. L., & Sons, Inc., Wheeling, W. Va. Cotton piece goods. Serial No. 406,570; Aug. 2. Class 42.
Strathmore Paper Company, West Springfield, Mass. Bond paper. Serial No. 404,139; Aug. 2. Class 37.
Thomas & Walters, Incorporated, Los Angeles, Calif. Compound for the treatment of gastro intestinal disturbances. Serial No. 406,951; Aug. 2. Class 6.
Tobin, Richard R., doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Smoking and chewing tobacco. Serial No. 406,900; Aug. 2. Class 17.
United Distributors, Inc., Louisville, Ky. Hair shampoo. Serial No. 405,335; Aug. 2. Class 6.
United Distributors, Inc., Louisville, Ky. Preparation for restoring color to the hair. Serial No. 405,334; Aug. 2. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

United States Rubber Products, Inc., New York, N. Y. Sheets or slabs of vulcanized sponge rubber. Serial No. 406,740; Aug. 2. Class 1.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Lead dimethyldithiocarbamate. Serial No. 406,789; Aug. 2. Class 6.
Vatco Mfg. Co., Boston, Mass. Automobile seat covers. Serial No. 406,536; Aug. 2. Class 19.
Wamsutta Mills, New Bedford, Mass. Cotton piece goods. Serial No. 407,403; Aug. 2. Class 42.
Ward, Margarete. (See Winfield, Margarete W.)
Wayne Candies, Inc., Fort Wayne, Ind. Candy. Serial No. 403,228; Aug. 2. Class 46.
Webb Laboratories, Inc., Schenectady, N. Y. Vitamin capsules. Serial No. 406,359; Aug. 2. Class 6.
West Coast Manchester Mills, Inc., Los Angeles, Calif. Garments. Serial No. 405,949; Aug. 2. Class 39.
Western Honey Producers. (See Sioux Honey Association, Cooperative.)
Wilson Distilling Co. Inc., Bristol, Pa. Whiskey. Serial Nos. 407,406–7; Aug. 2. Class 49.
Winfield, Margarete W., doing business as Margarete Ward, Los Angeles, Calif. Card fortune telling games. Serial No. 404,924; Aug. 2. Class 22.
Wood, Tom S., doing business as C. W. Prescription Laboratories, Fort Worth, Tex. Medicine for treatment of diabetes. Serial No. 406,741; Aug. 2. Class 6.
Wolf, William, Newark, N. J. Shoe cleaning fluid, shoe polish, shaving cream, etc. Serial No. 400,216; Aug. 2. Class 4.
Williams, J. P., & Son, Lynn, Mass. Preparation for the treatment of pyorrhea. Serial No. 400,075; Aug. 2. Class 6.
Wolbrueck, H. H., & Company, Bartlett, Tex. Medicinal preparation for poultry. Serial No. 403,531; Aug. 2. Class 6.
Zendico Hygine Products Company, New York, N. Y. Educational toy kits. Serial No. 407,572; Aug. 2. Class 22.
Zimarva Co., The. (See Zimmerman, Roy.)
Zimmerman, Roy, doing business as The Zimarva Co., Compton, Calif. Liniment and salve. Serial No. 407,349; Aug. 2. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

Abrams, Alexander, New York, N. Y. Skunk coats, capes, and jackets. 359,127; Aug. 2. Class 39.
Agfa Ansco Corporation, Binghamton, N. Y. Sensitized photographic film. 359,057; Aug. 2; Serial No. 402,164; published May 24, 1938. Class 26.
Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Women's summer suits. 359,091; Aug. 2; Serial No. 404,284; published May 24, 1938. Class 39.
American Bemberg Corporation, New York, N. Y. Thread and yarn. 359,102; Aug. 2; Serial No. 404,557; published May 24, 1938. Class 43.
American Optical Company, Southbridge, Mass. Ophthalmic lenses and blanks therefor. 359,050; Aug. 2; Serial No. 401,205; published May 24, 1938. Class 26.
Aqua-Sec Corporation, assignor to Aqua-Sec Corporation, New York, N. Y., now by change of name Ymba Corporation. Piece goods treated by a special process. 359,016. Aug. 2; Serial No. 361,597; published May 24, 1938. Class 50.
Artos Engineering Company, Milwaukee, Wis. Machines for labeling, marking, feeding, etc. materials having elongated shapes, etc. 359,028; Aug. 2; Serial No. 393,684; published May 24, 1938. Class 23.
Atlantic Yeast Corporation, Brooklyn, N. Y. Baking yeast. 359,045; Aug. 2; Serial No. 400,585; published May 24, 1938. Class 46.
Auburn Fruit Exchange, Auburn, Calif. Fresh deciduous fruits. 359,128; Aug. 2. Class 46.
Aunt Jemima Mills Company, St. Joseph, Mo., assignor to The Quaker Oats Company, Chicago, Ill. Foods for human consumption and animal feed. 123,884; renewed Dec. 17, 1938.
Ayer, Harriet H., New York, N. Y. Chemicals and pharmaceutical preparations. 122,258; renewed July 16, 1938.
B. B. Chemical Co. (See Boston Blacking Company, assignor.)
Bally, Inc., New York, N. Y. Leather. 359,088; Aug. 2; Serial No. 404,075; published May 24, 1938. Class 1.
Barkan Silk Co. Inc., New York, N. Y. Fabrics in the piece. 359,077; Aug. 2; Serial No. 403,810; published May 24, 1938. Class 42.
Baumann, Ludwig, & Company, New York, N. Y. Dining room suites, living room suites, nursery furniture, etc. 359,027; Aug. 2; Serial No. 393,364; published Feb. 22, 1938. Class 32.
Ben-Burk, Inc., Boston, Mass. Dry gin. 359,093; Aug. 2; Serial No. 404,347; published May 24, 1938. Class 49.
Berkeley Club Bottling and Manufacturing Company, Inc., Berkeley Springs, W. Va. Beverages, and syrups, extracts, and flavors used for making the same. 359,107; Aug. 2; Serial No. 404,684; published May 24, 1938. Class 45.
Bloomingdale Bros., Inc., New York, N. Y. Whiskey. 359,133–4; Aug. 2. Class 49.
Bon Marche, The. (See Allied Stores Corporation.)
Bonwit, Lennon and Company, Incorporated, Baltimore, Md. Dresses, corsets, and brassières. 359,033; Aug. 2; Serial No. 396,528; published May 10, 1938. Class 39.
Boston Blacking Company, East Cambridge, assignor to B. B. Chemical Co., Boston, Mass. Shoe-dressing. 123,324; renewed Oct. 29, 1938.
Braselton, John W., Tulsa, Okla. Miniature game known as badminton. 359,058; Aug. 2; Serial No. 402,410; published May 24, 1938. Class 22.
Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard table cloth. 359,066; Aug. 2; Serial No. 403,071; published May 24, 1938. Class 42.
Burry Biscuit Corporation, Linden, N. J., and Chicago, Ill. Cookies. 359,120; Aug. 2. Class 46.
Butler Brothers, Chicago, Ill. Women's hosiery. 359,099; Aug. 2; Serial No. 404,513; published May 24, 1938. Class 39.
California Consumers Corporation, Los Angeles, Calif. Canned citrus juice. 359,041; Aug. 2; Serial No. 399,790; published Feb. 1, 1938. Class 46.
California Soap Company, Inc., Los Angeles, Calif. Soaps and washing-powders. 123,688; renewed Dec. 3, 1938.
Carnegie, Hattie, Inc., New York, N. Y. Ladies' pocketbooks, handbags. 359,129; Aug. 2. Class 3.
Carter, H. W., & Sons, Lebanon, N. H. Woolen clothing. 359,072; Aug. 2; Serial No. 403,580; published May 17, 1938. Class 39.
Celluloid Corporation, Newark, N. J. Unsensitized and unexposed films and drinking straws. 359,073; Aug. 2; Serial No. 403,637; published May 24, 1938. Class 50.
Centennial Mill Company, The, assignor to Centennial Flouring Mills Co., Seattle, Wash. Wheat-flour. 123,979; renewed Dec. 31, 1938.
Chapin-Sacks Manufacturing Company, to Southern Dairies, Inc., Washington, D. C., successor. Ice-cream. 122,133; renewed July 2, 1938.
Close, George, Company, The, Cambridge, Mass. Candy. 359,079; Aug. 2; Serial No. 403,857; published May 24, 1938. Class 46.
Cluett, Peabody & Co., Inc. (See Earl & Wilson, assignor.)
Coco Vite Company, Philadelphia, Pa. Malted milk beverage. 359,094; Aug. 2; Serial No. 404,352; published May 24, 1938. Class 46.
Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap containers. 359,086; Aug. 2; Serial No. 403,992; published May 24, 1938. Class 2.
Concord Watch Company, Inc., New York, N. Y. Watches and clocks. 359,123; Aug. 2. Class 27.
Crimson Coach Incorporated, Toledo, Ohio. Tobacco, cigars, and cigarettes. 359,104; Aug. 2; Serial No. 404,632; published May 24, 1938. Class 17.
Crocetta Bros. & Co., Inc., Gloversville, N. Y. Leather gloves. 359,061; Aug. 2; Serial No. 402,850; published Apr. 19, 1938. Class 39.
Crosbie-Sarale, Inc., Richmond, Calif. Paints, paint enamel, varnishes, etc. 359,035; Aug. 2; Serial No. 397,401; published May 24, 1938. Class 16.
Crown Zellerbach Corporation, also doing business as National Paper Products Company, San Francisco, Calif. Paper towels. 359,064; Aug. 2; Serial No. 402,999; published May 24, 1938. Class 37.
Dayton Spice Mills Co., The. (See Stowell Coffee Co., The.)
Donahue, A. J., Corporation, The, Milford, Conn. Fur ear muffs. 359,115; Aug. 2. Class 39.
Eagle Signal Corporation, Moline, Ill. Electrical timing relays, switches, and parts of such timers and switches. 359,056; Aug. 2; Serial No. 401,993; published May 24, 1938. Class 21.
Earl & Wilson, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Men's and boys' collars. 124,063; renewed Dec. 31, 1938.
Eastyarn, Inc., Brooklyn, N. Y. Yarns. 359,018; Aug. 2; Serial No. 376,339; published May 24, 1938. Class 43.
Elliott, B. K., Company, Pittsburgh, Pa. Illustration board and paper and bristol board. 359,048; Aug. 2; Serial No. 400,965; published May 24, 1938. Class 37.
Ensign Products Company, Cleveland, Ohio. Belt dressing and preserver and a rope dressing and preserver. 359,051; Aug. 2; Serial No. 401,380; published May 24, 1938. Class 4.

Feldman-Gwirtzman, Inc., New York, N. Y. Coats, suits, and dresses. 359,081; Aug. 2; Serial No. 403,942; published May 17, 1938. Class 39.

Flatley Bros., Rock Island, Ill. Smoker's pipes. 359,100; Aug. 2; Serial No. 404,520; published May 24, 1938. Class 8.

Fliehman, George E., St. Louis, Mo. Cereal breakfast foods. 359,068; Aug. 2; Serial No. 403,249; published May 24, 1938. Class 46.

Franz Mfg. Co., Inc., New Haven, Conn. Metronomes. 359,071; Aug. 2; Serial No. 403,451; published May 24, 1938. Class 36.

Gaylord, Robert, Inc., assignor, by mesne assignments, to Gaylord Container Corporation, St. Louis, Mo. Fiberboard boxes, fiberboard folding cartons, etc. 359,110; Aug. 2. Class 2.

General Film Company, Hollywood, Calif. Game. 359,025; Aug. 2; Serial No. 390,764; published May 24, 1938. Class 22.

General Mills, Inc., Minneapolis, Minn. Cereal food products. 359,090; Aug. 2; Serial No. 404,214; published May 24, 1938. Class 46.

General Mills, Inc., Minneapolis, Minn. Cereal food products. 359,108; Aug. 2; Serial No. 404,801; published May 24, 1938. Class 46.

Glidden Company, The. (See Heath & Milligan Mfg. Co., assignor.)

Glidden Company, The. (See Stevenson, E. A., & Company, assignor.)

Goldberg & Van Praag, New York, N. Y. Handkerchiefs. 359,037; Aug. 2; Serial No. 399,230; published Feb. 1, 1938. Class 39.

Golden Gate Fruit Products Corporation, New York, N. Y. Flavoring agents and blenders. 359,055; Aug. 2; Serial No. 401,962; published May 24, 1938. Class 49.

Great Southern Lumber Company, to Great Southern Lumber Company, Inc., Bogalusa, La., successor. Boxshooks, barrel staves and headings. 123,348; renewed Oct. 29, 1938.

Great Southern Lumber Company, to Great Southern Lumber Company, Inc., Bogalusa, La., successor. Sawed and hewn railroad cross-ties, telephone and telegraph poles, etc. 123,590; renewed Nov. 19, 1938.

Great Western Athletic Goods Co., Chicago, Ill. Golf balls. 359,020; Aug. 2; Serial No. 380,562; published May 24, 1938. Class 22.

Griggs Canning Company, Natalia, Tex. Canned hominy. 359,130; Aug. 2. Class 46.

Guercio, Joseph, Chicago, Ill. Motion picture projectors and motion picture film prepared for projection. 359,059; Aug. 2; Serial No. 402,523; published May 24, 1938. Class 26.

Guth, Ernest C., Buenos Aires, Argentina. Safety razor blades. 359,034; Aug. 2; Serial No. 397,029; published May 24, 1938. Class 23.

Haloid Company, Rochester, N. Y. Light sensitive paper. 359,065; Aug. 2; Serial No. 403,006; published May 24, 1938. Class 26.

Harmonica Distribution Corporation of America, New York, N. Y. Mouth harmonicas, harmonica bodies, harmonica reeds, etc. 359,019; Aug. 2; Serial No. 378,656; published May 24, 1938. Class 36.

Hawkins, Paul, Company, Los Angeles, Calif. Marmalade. 359,074; Aug. 2; Serial No. 403,705; published May 3, 1938. Class 46.

Heath & Milligan Mfg. Co., Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Paints and painters' materials. 122,793; renewed Sept. 17, 1938.

Heirloom Needlework Guild, Inc., New York, N. Y. Thread and yarn. 359,101; Aug. 2; Serial No. 404,523; published May 24, 1938. Class 43.

Hill, F. H., Co., Chicago, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Casket-handles, casket metal trimmings, etc. 120,390; renewed Feb. 5, 1938.

Hodges Carpet Company, Indian Orchard, Mass. Woven fiber fabrics. 359,082; Aug. 2; Serial No. 403,947; published May 24, 1938. Class 42.

Indestro Manufacturing Corp., Chicago, Ill. Open-end and box-end wrenches and sets thereof. 359,113; Aug. 2. Class 23.

Irvington Varnish & Insulator Co., Irvington, N. J. Electrical insulation. 122,801; renewed Sept. 17, 1938.

Jerry Sportswear, Incorporated, Chicago, Ill. Dresses, blouses, skirts, etc. 359,063; Aug. 2; Serial No. 402,942; published May 24, 1938. Class 39.

Kendall Company, The, Walpole, Mass. Sheet materials of unspun fibers. 359,067; Aug. 2; Serial No. 403,137; published May 24, 1938. Class 1.

Keystone Steel & Wire Company, South Bartonville, Peoria, to Keystone Steel & Wire Company, South Bartonville (Peoria), Ill. Barbed wire, fence-wire, and wire fence. 122,493–501; renewed Aug. 20, 1938.

Kobacker Stores, Inc., Tiedtke Division, Toledo, Ohio. Butter. 359,126; Aug. 2. Class 46.

Krieger, Max, New York, N. Y. Playsuits, overalls, slacks, halters, etc. 359,089; Aug. 2; Serial No. 404,086; published May 24, 1938. Class 39.

Lapp Laboratories, Incorporated, Nevada, Iowa. Egg shells used for chicken and turkey feed. 359,114; Aug. 2. Class 1.

Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C. Hosiery. 359,112; Aug. 2. Class 39.

Laucks, I. F., Inc., Seattle, Wash. Calcimines and paints. 359,109; Aug. 2; Serial No. 404,857; published May 24, 1938. Class 16.

Lockshore Farms, Inc., Kalamazoo, Mich. Spread for bread and the like. 359,069; Aug. 2; Serial No. 403,271; published May 24, 1938. Class 46.

Loewenthal, Oscar R., Seattle, Wash. Duplicating laundry list books. 359,017; Aug. 2; Serial No. 375,190; published May 24, 1938. Class 37.

Loft, Incorporated, New York, assignor to Loft, Inc., Long Island City, N. Y. Candy. 124,015; renewed Dec. 31, 1938.

Losee, Joseph S., doing business as Losee Products Company, Hebron, Ill. Electric water heaters. 359,046; Aug. 2; Serial No. 400,604; published May 24, 1938. Class 21.

Manchester Manufacturing Company, Philadelphia, Pa. Men's underwear and pajamas. 359,022; Aug. 2; Serial No. 384,806; published May 24, 1938. Class 39.

Marine Optical Mfg. Co., Boston, Mass. Ophthalmic lenses, goggles, spectacles, etc. 359,054; Aug. 2; Serial No. 401,831; published May 24, 1938. Class 26.

Metal Textile Corporation, West Orange, N. J. Scouring and cleaning devices. 359,044; Aug. 2; Serial No. 400,517; published May 24, 1938. Class 4.

Metallizing Engineering Company, Inc., New York, N. Y. Metal spray guns, parts, and equipment used in connection with spray guns. 359,053; Aug. 2; Serial No. 401,534; published May 24, 1938. Class 23.

Milius, E., & Co. Inc., New York, N. Y. Broadcloth fabrics. 359,131; Aug. 2. Class 42.

Min Sun Trading Company, Chicago, Ill. Canned bran sprouts, canned chow mein noodles, etc. 359,111; Aug. 2. Class 46.

Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive cloth and paper. 359,024; Aug. 2; Serial No. 389,652; published May 24, 1938. Class 4.

Minnesota Valley Canning Company, Le Sueur, Minn. Canned peas. 359,105; Aug. 2; Serial No. 404,654; published May 24, 1938. Class 46.

Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. 359,106; Aug. 2; Serial No. 404,655; published May 24, 1938. Class 46.

Montgomery, Marjorie, Incorporated, Los Angeles, Calif. Dresses, bench costumes, and sports suits. 359,118–9; Aug. 2. Class 39.

Morey, Robert, New Haven, Conn. Card game and its accessories. 359,085; Aug. 2; Serial No. 403,976; published May 24, 1938. Class 22.

Morrell, John, & Co., Ottumwa, Iowa. Canned dried beef and luncheon-meat, and cooked hams. 124,027; renewed Dec. 31, 1938.

Morris, Joseph C., Chicago, Ill. Combination clocks and calendars. 359,103; Aug. 2; Serial No. 404,578; published May 24, 1938. Class 27.

National Co-Operatives, Inc., Indianapolis, Ind. Electric razors. 359,039; Aug. 2; Serial No. 399,672; published Jan. 18, 1938. Class 23.

National Paper Products Company. (See Crown Zellerbach Corporation.)

Oyster Packers, Inc., Bow, Wash. Canned oysters. 359,121; Aug. 2. Class 46.

Pepperell Manufacturing Company, Boston, Mass. Bed sheets, pillow cases, and sheeting. 359,023; Aug. 2; Serial No. 389,433; published May 24, 1938. Class 42.

Peters, W. J., & Cie., Cologne-Rodenkirchen, Germany. Tracing cloth. 359,036; Aug. 2; Serial No. 398,173; published Feb. 22, 1938. Class 37.

Petroleum Heat and Power Company, New York, N. Y. Oil burners. 359,117; Aug. 2. Class 34.

Phipps, Glen G., and Lillian Phipps, Meridian, Miss. Sandwiches. 359,122; Aug. 2. Class 46.

Plumb, Fayette R., Inc., Philadelphia and Bridesburg, to Fayette R. Plumb, Inc., Philadelphia, Pa. Hammers, hatchets, axes, etc. 124,042; renewed Dec. 31, 1938.

Princess Junior, Inc., New York, N. Y. Dresses. 359,049; Aug. 2; Serial No. 401,120; published May 17, 1938. Class 39.

Quaker Oats Company, The. (See Aunt Jemima Mills Company, assignor.)

Quality Brands, Inc., San Francisco, Calif. Wines. 359,038; Aug. 2; Serial No. 399,426; published Feb. 8, 1938. Class 47.

RCA Manufacturing Company, Inc., Camden, N. J. Sound records for talking machines. 359,029; Aug. 2; Serial No. 394,255; published Feb. 15, 1938. Class 36.

Reed, Eugene O., Company, now by change of name to Reed Candy Company, Chicago, Ill. Candy. 122,818; renewed Sept. 17, 1938.

Rosalind Underwear Company, Inc., New York, N. Y. Women's undergarments. 359,052; Aug. 2; Serial No. 401,401; published May 17, 1938. Class 39.

Saks & Company, New York, N. Y. Women's shoes. 359,040; Aug. 2; Serial No. 399,732; published Feb. 1, 1938. Class 39.

Schreiber, A., Brewing Co., assignor, by mesne assignments, to Schreiber Brewing Company, Inc., Buffalo, N. Y. Beer. 123,653; renewed Nov. 19, 1938.

Scudder Syrup Co. (See Steven, Leslie B.)

Seal & Horn, Wyomissing, Pa. Hosiery. 359,060; Aug. 2; Serial No. 402,829; published May 24, 1938. Class 39.

Selma Mercantile Corporation, New York, N. Y. Eggs in the shell. 359,070; Aug. 2; Serial No. 403,375; published May 10, 1938. Class 46.

Shakespeare Company, Kalamazoo, Mich. Fishing tackle. 359,124; Aug. 2. Class 22.

Sitroux Company, Inc., The, New York, N. Y. Lipstick tissues. 359,095; Aug. 2; Serial No. 404,381; published May 24, 1938. Class 37.

Southern Dairies, Inc. (See Chapin-Sacks Manufacturing Company.)

Southland Coffee Company, Atlanta, Ga. Coffee and peanut butter. 359,116; Aug. 2. Class 46.

Spector Brothers, Incorporated, Philadelphia, Pa. Topcoats and overcoats. 359,080; Aug. 2; Serial No. 403,926; published May 24, 1938. Class 39.

Stearns, Frederick, & Co., Detroit, Mich. Dentifrice. 123,763; renewed Dec. 3, 1938.

Sterilek Company, Inc., The, New York, N. Y. Hospital sanitary handkerchiefs and handkerchief wipes of paper. 359,096; Aug. 2; Serial No. 404,383; published May 24, 1938. Class 37.

Sterling Sweeper Company, Holland, Mich. Carpet sweepers. 359,031; Aug. 2; Serial No. 396,109; published May 24, 1938. Class 23.

Steven, Leslie B., doing business as Scudder Syrup Co., Chicago, Ill. Beverages and syrups for making the same. 359,092; Aug. 2; Serial No. 404,329; published May 24, 1938. Class 45.

Stevenson, E. A., & Company, Wilmington, Del., and New York, N. Y., assignor, by mesne assignments, to The Glidden Company, Cleveland, Ohio. Nut-butter or nut-margarin. 122,544; renewed Aug. 20, 1938.

Stewart-Warner Corporation, Chicago, Ill. Automobile heaters. 359,026; Aug. 2; Serial No. 392,338; published Jan. 18, 1938. Class 34.

Stowell Coffee Co., The, Cincinnati, to The Dayton Spice Mills Co., Dayton, Ohio, successor. Coffee. 119,815; renewed Dec. 11, 1937.

Sunshine Soda Company, New York, N. Y., to Sunshine Soda Company, Inc., Pittsburgh, Pa. Cleaning-soda. 123,393; renewed Oct. 29, 1938.

Susquehanna Waist Company, Philadelphia, Pa. Ladies' blouses. 359,087; Aug. 2; Serial No. 404,065; published May 17, 1938. Class 39.

Sweeney Bottling Works, Middletown, N. Y. Beverages, and syrups and extracts for making the same. 359,083; Aug. 2; Serial No. 403,972; published May 24, 1938. Class 45.

Thorntite Tops, Inc., New York, N. Y. Closures for receptacles. 359,084; Aug. 2; Serial No. 403,975; published May 24, 1938. Class 50.

Tobin, Richard R., doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Smoking and chewing tobacco. 359,125; Aug. 2. Class 17.

Torrington Manufacturing Company, The, Torrington, Conn. Propeller type fans. 359,030; Aug. 2; Serial No. 395,845; published Oct. 5, 1937. Class 34.

Tucker, Jesse D., Huntington Park, Calif. Jar caps. 359,078; Aug. 2; Serial No. 403,839; published May 24, 1938. Class 50.

United Paper Company, Inc., Richmond, Va. Paper products. 359,047; Aug. 2; Serial No. 400,709; published May 24, 1938. Class 37.

United States Products Corporation, Ltd., San Jose, Calif. Canned fruits and fruit juices for food purposes. 359,032; Aug. 2; Serial No. 396,214; published Jan. 11, 1938. Class 46.

United States Products Corporation, Ltd., San Jose, Calif. Canned fruits and vegetables. 359,042; Aug. 2; Serial No. 400,265; published Feb. 1, 1938. Class 46.

United States Products Corporation, Ltd., San Jose, Calif. Fruit juices. 359,043; Aug. 2; Serial No. 400,266; published Feb. 1, 1938. Class 46.

Uranium Lighting Corporation, New York, N. Y. Electric lighting fixtures and parts thereof. 359,098; Aug. 2; Serial No. 404,500; published May 24, 1938. Class 21.

Utility Blade & Razor Co., Maplewood, N. J. Safety razor blades. 359,021; Aug. 2; Serial No. 383,376; published Nov. 10, 1936. Class 23.

Van Raalte Company, New York, N. Y. Underwear. 359,132; Aug. 2. Class 39.

Wasp Pen Co. Inc., The, Fort Madison, Iowa. Fountain pens and parts thereof. 359,075; Aug. 2; Serial No. 403,806; published May 24, 1938. Class 37.

Wasp Pen Co. Inc., The, Fort Madison, Iowa. Reservoir desk stands for writing fluids. 359,076; Aug. 2; Serial No. 403,807; published May 24, 1938. Class 37.

Wausau Brewing Company, Wausau, Wis. Beer. 359,062; Aug. 2; Serial No. 402,923; published May 24, 1938. Class 48.

Williamson Candy Company, Chicago, Ill. Candy. 359,097; Aug. 2; Serial No. 404,459; published May 24, 1938. Class 46.

Yardley & Co., Limited, London, England. Perfumes. 123,516; renewed Nov. 12, 1938.

Yardley & Co., Limited, London, England. Perfumes 123,518; renewed Nov. 12, 1938.

Yardley & Co., Limited, London and Stratford, London, to Yardley & Co., Limited, London, England. Perfumes. 123,881; renewed Dec. 10, 1938.

Ymba Corporation. (See Aqua-Sec Corporation.)

LIST OF REGISTRANTS OF LABELS

Auburn Rubber Corporation, Wilmington, Del., and Auburn, Ind. Savet Extra Quality Soles. "Keeps Feet Dry". For Soles, Cement-Applied for Shoes. 51,563; Aug. 2.

Auburn Rubber Corporation, Wilmington, Del., and Auburn, Ind. Savet Extra Quality Soles. Cut Shoe Expense ½. For Soles, Cement-Applied for Shoes. 51,564; Aug. 2.

Auburn Rubber Corporation, Wilmington, Del., and Auburn, Ind. Savet Extra Quality Soles. Easily Put On by Anyone. For Soles, Cement-Applied for Shoes. 51,565; Aug. 2.

Auburn Rubber Corporation, Wilmington, Del., and Auburn, Ind. Savet Extra Quality Soles. Non-Slip Wonderful Foot Comfort. For Soles, Cement-Applied to Shoes. 51,566; Aug. 2.

Burgess Battery Company, Chicago, Ill. Flashlight. For Flashlights. 51,567; Aug. 2.

California Wine Company, Inc., Chicago, Ill. Fortune. For California Grape Brandy. 51,568; Aug. 2.

Diefenbach Laboratories Inc., Rochester, N. Y. Kreso-Tol Antiseptic. For an Antiseptic. 51,569; Aug. 2.

Gem Food Co., San Francisco, Calif. Kitchen Gem. For a Sauce. 51,570; Aug. 2.

Gilbert, A. C., Company, The, New Haven, Conn. Gilbert Fun with Electricity. For Electricity Sets. 51,571; Aug. 2.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Dole (Juice). For Canned Pineapple Juice. 51,572; Aug. 2.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Dole Pineapple Tidbits. For Canned Pineapple. 51,573; Aug. 2.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Dole Pineapple Gems. For Canned Pineapple. 51,574; Aug. 2.

Heinrich Pharmacal Co. (See Pfeiffer, S., Mfg. Co.)

Henkin, Martin, doing business as Ladilastics, New York, N. Y. Ladilastics. For Foundation Garments. 51,575; Aug. 2.

Hoffman Beverage Company, Newark, N. J. Hoffman Bock Beer. For Bock Beer. 51,576; Aug. 2.

Ladilastics. (See Henkin, Martin.)

Limray Co. Inc., New York, N. Y. Lobsteritis. For a Product for Sunburn Protection. 51,577; Aug. 2.

O-Cedar Corp'n., Chicago, Ill. O-So-Ezy Floor Mop. For Floor Mops. 51,578; Aug. 2.

O-Cedar Corp'n., Chicago, Ill. O-So-Ezy Self Polishing Wax. For Self Polishing Wax. 51,579; Aug. 2.

Pfeiffer, S., Mfg. Co., doing business as Heinrich Pharmacal Co., St. Louis, Mo. Gregone. For Solution for Darkening Gray and Fading Hair. 51,580; Aug. 2.

Raymond, Angus G., doing business as Staff-O-Life Distributors, Detroit, Mich. Sta-O-Life. For Medicine To Be Taken Internally. 51,581; Aug. 2.

Salada Tea Co. (Inc.), Boston, Mass. Salada Tea Bags. For Tea Bags. 51,582; Aug. 2.

Service Syndicate, Chicago, Ill. Ros Pin. For Spring Pins Used to Fasten Meats and Other Foods Together Prior to Roasting, Baking, Boiling or Otherwise Preparing Them for the Table. 51,583; Aug. 2.

Siren Silk Undergarment Co. Inc., New York, N. Y. Miss Siren—Distinctive Pajamas. For Pajamas. 51,584; Aug. 2.

Staff-O-Life Distributors. (See Raymond, Angus G.)

Sugar Beet Products Company, Saginaw, Mich. Jack Rabbit Cleaner. For a Cleaner for Floors, Walls and Paint. 51,585; Aug. 2.

Ulmer Pharmacal Company, Minneapolis, Minn. No'Dor. For an Astringent and Deodorant. 51,587; Aug. 2.

U. S. Alaska Herring Co., Chicago, Ill. A-One Appetizer Brand Home Style Spiced Herring. For Spiced Herring. 51,586; Aug. 2.

Washino Corporation, Battle Creek, Mich. Washino Auto Wash. For an Auto Wash. 51,588–9; Aug. 2.

Wohl, Marcus, Detroit, Mich. Jelly-Lax. For a Laxative and Blood Purifier. 51,590; Aug. 2.

LIST OF REGISTRANTS OF PRINTS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints. For Mints. 16,952; Aug. 2.

Glueck, Edmund M., doing business as The Typewriter Equipment Company, New York, N. Y. Frontscale with How to Center Instruction. For Frontscales for Typewriters. 16,953; Aug. 2.

Green, Alfred, Seattle, Wash. The Fan's Choice. For a Beverage. 16,954; Aug. 2.

Hershey Chocolate Corporation, Hershey, Pa. Hershey's the Perfect Topping for Many Desserts. For a Chocolate Syrup. 16,955; Aug. 2.

Hershey Chocolate Corporation, Hershey, Pa. Hershey's Add to Milk for a Delicious Drink. 16,956; Aug. 2.

Kublick, Harold W., New York, N. Y. Don't be a Nudist. Dress with Accessories. For Women's Accessories. 16,957; Aug. 2.

Limpert Bros. Inc., Vineland, N. J. Vine-Et. For Ice Cream. 16,958; Aug. 2.

Linnell Company, Cleveland, Ohio. Save Money on Your Dry Cleaning. For a Fabric Cleaner and Spot Remover. 16,959; Aug. 2.

Sterling Brewers, Inc., Evansville, Ind. Sterling Tops Them All. For Beer. 16,960; Aug. 2.

Typewriter Equipment Company, The. (See Glueck, Edmund M.)

Woods, Helen, Northampton, Mass. The Ski Pole Lamp. For Lamps. 16,961; Aug. 2.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Leather. Bally, Inc. 359,088; Aug. 2; Serial No. 404,075; published May 24, 1938.

Materials of unspun fibers. Kendall Company. 359,067; Aug. 2; Serial No. 403,137; published May 24, 1938.

Shells used for chicken and turkey feed, Egg. Lapp Laboratories, Incorporated. 359,114; Aug. 2.

CLASS 2

Box-shooks, barrel staves and headings. Great Southern Lumber Company. 123,348; renewed Oct. 29, 1938.

Boxes, fiberboard folding cartons, etc., Fiberboard. Robert Gaylord, Inc. 359,110; Aug. 2.

Containers, Soap. Colgate-Palmolive-Peet Company. 359,086; Aug. 2; Serial No. 403,992; published May 24, 1938.

CLASS 3

Pocketbooks, handbags, Ladies'. Hattie Carnegie, Inc. 359,129; Aug. 2.

CLASS 4

Abrasive cloth and paper. Minnesota Mining & Manufacturing Company. 359,024; Aug. 2; Serial No. 389,652; published May 24, 1938.

Dressing and preserver and a rope dressing and preserver, Belt. Ensign Products Company. 359,051; Aug. 2; Serial No. 401,380; published May 24, 1938.

Dressing, Shoe. Boston Blacking Company. 123,324; renewed Oct. 29, 1938.

Scouring and cleaning devices. Metal Textile Corporation. 359,044; Aug. 2; Serial No. 400,517; published May 24, 1938.

Soaps and washing-powders. California Soap Company. 123,688; renewed Dec. 3, 1938.

CLASS 6

Chemicals and pharmaceutical preparations. H. H. Ayer. 122,258; renewed July 16, 1938.

Cleaning-soda. Sunshine Soda Company. 123,393; renewed Oct. 29, 1938.

Dentifrice. Frederick Stearns & Co. 123,763; renewed Dec. 3, 1938.

Perfumes. Yardley & Co. 123,516; renewed Nov. 12, 1938.

Perfumes. Yardley & Co. 123,518; renewed Nov. 12, 1938.

Perfumes. Yardley & Co. 123,881; renewed Dec. 10, 1938.

CLASS 8

Smokers' pipes. Flatley Bros. 359,100; Aug. 2; Serial No. 404,520; published May 24, 1938.

CLASS 12

Cross-ties, telephone and telegraph poles, etc., Sawed and hewn railroad. Great Southern Lumber Company. 123,590; renewed Nov. 19, 1938.

CLASS 13

Casket-handles, casket metal trimmings, etc. F. H. Hill Co. 120,390; renewed Feb. 5, 1938.

Wire, fence-wire, and wire fence, Barbed. Keystone Steel & Wire Company. 122,493–501; renewed Aug. 20, 1938.

CLASS 16

Calcimines and paints. I. F. Laucks, Inc. 359,109; Aug. 2; Serial No. 404,857; published May 24, 1938.

Paints and painters' materials. Heath & Milligan Mfg. Co. 122,793; renewed Sept. 17, 1938.

Paints, paint enamel, varnishes, etc. Crosbie-Sarale, Inc. 359,035; Aug. 2; Serial No. 397,401; published May 24, 1938.

CLASS 17

Tobacco, cigars, and cigarettes. Crimson Coach Incorporated. 359,104; Aug. 2; Serial No. 404,632; published May 24, 1938.

Tobacco, Smoking and chewing. R. R. Tobin. 359,125; Aug. 2.

CLASS 21

Insulation, Electrical. Irvington Varnish & Insulator Co. 122,801; renewed Sept. 17, 1938.

Heaters, Electric water. J. S. Losee. 359,046; Aug. 2; Serial No. 400,604; published May 24, 1938.

Lighting fixtures and parts thereof, Electric. Uranium Lighting Corporation. 359,098; Aug. 2; Serial No. 404,500; published May 24, 1938.

Relays, switches, and parts of such timers and switches, Electrical timing. Eagle Signal Corporation. 359,056; Aug. 2; Serial No. 401,993; published May 24, 1938.

CLASS 22

Balls, Golf. Great Western Athletic Goods Co. 359,020; Aug. 2; Serial No. 380,562; published May 24, 1938.

Card game and its accessories. R. Morey. 359,085; Aug. 2; Serial No. 403,976; published May 24, 1938.

Fishing tackle. Shakespeare Company. 359,124; Aug. 2.

Game. General Film Company. 359,025; Aug. 2; Serial No. 390,764; published May 24, 1938.

Game known as badminton, Miniature. J. W. Braselton. 359,058; Aug. 2; Serial No. 402,410; published May 24, 1938.

CLASS 23

Hammers, hatchets, axes, etc. Fayette R. Plumb, Inc. 124,042; renewed Dec. 31, 1938.

Machines for labeling, marking, feeding, etc., materials having elongated shapes, etc. Artos Engineering Company. 359,028; Aug. 2; Serial No. 393,684; published May 24, 1938.

Razor blades, Safety. E. C. Guth. 359,034; Aug. 2; Serial No. 397,029; published May 24, 1938.

Razor blades, Safety. Utility Blade & Razor Co. 359,021; Aug. 2; Serial No. 383,376; published Nov. 10, 1936.

Razors, Electric. National Co-Operatives, Inc. 359,039; Aug. 2; Serial No. 399,672; published Jan. 18, 1938.

Spray guns and parts and equipment used in connection with spray guns, Metal. Metallizing Engineering Company. 359,053; Aug. 2; Serial No. 401,534; published May 24, 1938.

Sweepers, Carpet. Sterling Sweeper Company. 359,031; Aug. 2; Serial No. 396,109; published May 24, 1938.

Wrenches and sets thereof, Open-end and box-end. Indestro Manufacturing Corp. 359,113; Aug. 2.

CLASS 26

Film, Sensitized photographic. Agfa Ansco Corporation. 359,057; Aug. 2; Serial No. 402,164; published May 24, 1938.

Lenses and blanks therefor, Ophthalmic. American Optical Company. 359,050; Aug. 2; Serial No. 401,205; published May 24, 1938.

Lenses, goggles, spectacles, etc., Ophthalmic. Marine Optical Mfg. Co. 359,054; Aug. 2; Serial No. 401,831; published May 24, 1938.

Projectors and motion picture film prepared for projection, Motion picture. J. Guercio. 359,059; Aug. 2; Serial No. 402,523; published May 24, 1938.

Sensitive paper, Light. Haloid Company. 359,065; Aug. 2; Serial No. 403,006; published May 24, 1938.

CLASS 27

Clocks and calendars, Combination. J. C. Morris. 359,103; Aug. 2; Serial No. 404,578; published May 24, 1938.

Watches and clocks. Concord Watch Company. 359,123; Aug. 2.

CLASS 32

Dining room suites, living room suites, nursery furniture, etc. Ludwig Bauman & Company. 359,027; Aug. 2; Serial No. 393,364; published Feb. 22, 1938.

CLASS 34

Burners, Oil. Petroleum Heat and Power Company. 359,117; Aug. 2.

Fans, Propeller type. Torrington Manufacturing Company. 359,030; Aug. 2; Serial No. 395,845; published Oct. 5, 1937.

Heaters, Automobile. Stewart-Warner Corporation. 359,026; Aug. 2; Serial No. 392,338; published Jan. 18, 1938.

CLASS 36

Harmonicas, harmonica bodies, harmonica reeds, etc., Mouth. Harmonica Distribution Corporation of America. 359,019; Aug. 2; Serial No. 378,656; published May 24, 1938.

Metronomes. Franz Mfg. Co. 359,071; Aug. 2; Serial No. 403,451; published May 24, 1938.

Records for talking machines, Sound. RCA Manufacturing Company. 359,029; Aug. 2; Serial No. 394,235; published Feb. 15, 1938.

CLASS 37

Board and paper and bristol board, Illustration. B. K. Elliott Company. 359,048; Aug. 2; Serial No. 400,965; published May 24, 1938.

Books, Duplicating laundry list. O. R. Loewenthal. 359,017; Aug. 2; Serial No. 375,190; published May 24, 1938.

Handkerchiefs and handkerchief wipes of paper, Hospital sanitary. Sterilek Company. 359,096; Aug. 2; Serial No. 404,383; published May 24, 1938.

Paper products. United Paper Company. 359,047; Aug. 2; Serial No. 400,709; published May 24, 1938.

Paper towels. Crown Zellerbach Corporation. 359,064; Aug. 2; Serial No. 402,999; published May 24, 1938.

Pens and parts thereof, Fountain. Wasp Pen Co. Inc. 359,075; Aug. 2; Serial No. 403,806; published May 24, 1938.

Reservoir desk stand for writing fluids. Wasp Pen Co. Inc. 359,076; Aug. 2; Serial No. 403,807; published May 24, 1938.

Tissues, Lipstick. Sitrous Company. 359,095; Aug. 2; Serial No. 404,381; published May 24, 1938.

Tracing cloth. W. J. Peters & Cie. 359,036; Aug. 2; Serial No. 398,173; published Feb. 22, 1938.

CLASS 39

Blouses, Ladies'. Susquehanna Waist Company. 359,087; Aug. 2; Serial No. 404,065; published May 17, 1938.

Clothing, Woolen. H. W. Carter & Sons. 359,072; Aug. 2; Serial No. 403,580; published May 17, 1938.

Coats, capes, and jackets, Skunk. A. Abrams. 359,127; Aug. 2.

Coats, suits, and dresses. Feldman-Gwirtzman, Inc. 359,081; Aug. 2; Serial No. 403,942; published May 17, 1938.

Collars, Men's and boys'. Earl & Wilson. 124,063; renewed Dec. 31, 1938.

Dresses. Princess Junior, Inc. 359,049; Aug. 2; Serial No. 401,120; published May 17, 1938.

Dresses, beach costumes, and sports suits. Marjorie Montgomery Incorporated. 359,118–9; Aug. 2.

Dresses, blouses, skirts, etc. Jerry Sportswear, Incorporated. 359,063; Aug. 2; Serial No. 402,942; published May 24, 1938.

Dresses, corsets, and brassières. Bonwit, Lennon and Company. 359,033; Aug. 2; Serial No. 396,528; published May 10, 1938.

Gloves, Leather. Crocetta Bros. & Co. 359,061; Aug. 2; Serial No. 402,850; published Apr. 19, 1938.

Handkerchiefs. Goldberg & Van Praag. 359,037; Aug. 2; Serial No. 399,230; published Feb. 1, 1938.

Hosiery. Larkwood Silk Hosiery Mills, Inc. 359,112; Aug. 2.

Hosiery. Seal & Horn. 359,060; Aug. 2; Serial No. 402,829; published May 24, 1938.

Hosiery, Women's. Butler Brothers. 359,099; Aug. 2; Serial No. 404,513; published May 24, 1938.

Muffs, Fur ear. A. J. Donahue Corporation. 359,115; Aug. 2.

Playsuits, overalls, slacks, halters, etc. M. Krieger. 359,089; Aug. 2; Serial No. 404,086; published May 24, 1938.

Shoes, Women's. Saks & Company. 359,040; Aug. 2; Serial No. 399,732; published Feb. 1, 1938.

Suits, Women's summer. Allied Stores Corporation. 359,091; Aug. 2; Serial No. 404,284; published May 24, 1938.

Topcoats and overcoats. Spector Brothers, Incorporated. 359,080; Aug. 2; Serial No. 403,926; published May 24, 1938.

Undergarments, Women's. Rosalind Underwear Company. 359,052; Aug. 2; Serial No. 401,401; published May 17, 1938.

Underwear. Van Raalte Company. 359,132; Aug. 2.

Underwear and pajamas, Men's. Manchester Manufacturing Company. 359,022; Aug. 2; Serial No. 384,806; published May 24, 1938.

CLASS 42

Cloth, Billiard table. Brunswick-Balke-Collender Company. 359,066; Aug. 2; Serial No. 403,071; published May 24, 1938.

Fabrics, Broadcloth. E. Milius & Co. Inc. 359,131; Aug. 2.

Fabrics in the piece. Barkan Silk Co. Inc. 359,077; Aug. 2; Serial No. 403,810; published May 24, 1938.

Fabrics, Woven fiber. Hodges Carpet Company. 359,082; Aug. 2; Serial No. 403,947; published May 24, 1938.

Sheets, pillow cases, and sheeting, Bed. Pepperell Manufacturing Company. 359,023; Aug. 2; Serial No. 389,433; published May 24, 1938.

CLASS 43

Thread and yarn. American Bemberg Corporation 359,102; Aug. 2; Serial No. 404,557; published May 24, 1938.

Thread and yarn. Heirloom Needlework Guild, Inc. 359,101; Aug. 2; Serial No. 404,523; published May 2, 1938.

Yarns. Eastyarn, Inc. 359,018; Aug. 2; Serial No. 376,339; published May 24, 1938.

CLASS 45

Beverages, and sirups and extracts for making the same. Sweeney Bottling Works. 359,083; Aug. 2; Serial No. 403,972; published May 24, 1938.

Beverages, and syrups, extracts, and flavors used for making the same. Berkeley Club Bottling and Manufacturing Company. 359,107; Aug. 2; Serial No. 404,684; published May 24, 1938.

Beverages and syrups for making the same. L. B. Steven. 359,092; Aug. 2; Serial No. 404,329; published May 24, 1938.

CLASS 46

Butter. Kobacher Stores, Inc. Tiedtke Division. 359,126; Aug. 2.

Candy. George Close Company. 359,079; Aug. 2; Serial No. 403,857; published May 24, 1938.

Candy. Loft, Incorporated. 124,015; renewed Dec. 31, 1938.

Candy. Eugene O. Reed Company. 122,818; renewed Sept. 17, 1938.

Candy. Williamson Candy Company. 359,097; Aug. 2; Serial No. 404,459; published May 24, 1938.

Canned bean sprouts, canned chow mein noodles, etc. Min Sun Trading Company. 359,111; Aug. 2.

Canned citrus juice. California Consumers Corporation. 359,041; Aug. 2; Serial No. 399,790; published Feb. 1, 1938.

Canned dried beef and luncheon-meat, and cooked hams. John Morrell & Co. 124,027; renewed Dec. 31, 1938.

Canned fruits and fruit juices for food purposes. United States Products Corporation. 359,032; Aug. 2; Serial No. 396,214; published Jan. 11, 1938.

Canned fruits and vegetables. United States Products Corporation. 359,042; Aug. 2; Serial No. 400,265; published Feb. 1, 1938.

Canned hominy. Griggs Canning Company. 359,130; Aug. 2.

Canned oysters. Oyster Packers, Inc. 359,121; Aug. 2.

Canned peas. Minnesota Valley Canning Company. 359,105; Aug. 2; Serial No. 404,654; published May 24, 1938.

Canned vegetables. Minnesota Valley Canning Company. 359,106; Aug. 2; Serial No. 404,655; published May 24, 1938.

Cereal breakfast foods. G. E. Fliehman. 359,068; Aug. 2; Serial No. 403,249; published May 24, 1938.

Cereal food products. General Mills, Inc. 359,090; Aug. 2; Serial No. 404,214; published May 24, 1938.

Cereal food products. General Mills, Inc. 359,108; Aug. 2; Serial No. 404,801; published May 24, 1938.

Coffee. Stowell Coffee Co. 119,815; renewed Dec. 11, 1937.

Coffee and peanut butter. Southland Coffee Company. 359,116; Aug. 2.

Cookies. Burry Biscuit Corporation. 359,120; Aug. 2.

Eggs in the shell. Selma Mercantile Corporation. 359,070; Aug. 2; Serial No. 403,375; published May 10, 1938.

Flour, Wheat. Centennial Mill Company. 123,979; renewed Dec. 31, 1938.

Foods for human consumption, and animal feed. Aunt Jemima Mills Company. 123,884; renewed Dec. 17, 1938.

Fruit juices. United States Products Corporation. 359,043; Aug. 2; Serial No. 400,266; published Feb. 1, 1938.

Fruits, Fresh deciduous. Auburn Fruit Exchange 359,128; Aug. 2.

Ice-cream. Chapin-Sacks Manufacturing Company 122,133; renewed July 2, 1938.

Marmalade. Paul Hawkins Company. 359,074; Aug. 2; Serial No. 403,705; published May 3, 1938.

Milk beverage, Malted. Coco Vite Company. 359,094; Aug. 2; Serial No. 404,352; published May 24, 1938.

Nut-butter or nut-margarin. E. A. Stevenson & Company. 122,544; renewed Aug. 20, 1938.
Sandwiches. G. G. and L. Phipps. 359,122; Aug. 2.
Spread for bread and the like. Lockshore Farms, Inc. 359,069; Aug. 2; Serial No. 403,271; published May 24, 1938.
Yeast, Baking. Atlantic Yeast Corporation. 359,045; Aug. 2; Serial No. 400,585; published May 24, 1938.

CLASS 47

Wines. Quality Brands, Inc. 359,038; Aug. 2; Serial No. 399,426; published Feb. 8, 1938.

CLASS 48

Beer. A. Schreiber Brewing Co. 123,653; renewed Nov. 19, 1938.
Beer. Wausau Brewing Company. 359,062; Aug. 2; Serial No. 402,923; published May 24, 1938.

CLASS 49

Flavoring agents and blenders. Golden Gate Fruit Products Corporation. 359,055; Aug. 2; Serial No. 401,962; published May 24, 1938.
Gin, Dry. Ben-Burk, Inc. 359,093; Aug. 2; Serial No. 404,347; published May 24, 1938.
Whiskey. Bloomingdale Bros., Inc. 359,133–4; Aug. 2.

CLASS 50

Closures for receptacles. Thorntite Tops, Inc. 359,084; Aug. 2; Serial No. 403,975; published May 24, 1938.
Films and drinking straws, Unsensitised and unexposed. Celluloid Corporation. 359,073; Aug. 2; Serial No. 403,637; published May 24, 1938.
Jar caps. J. D. Tucker. 359,078; Aug. 2; Serial No. 403,839; published May 24, 1938.
Piece goods treated by a special process. Aqua-Sec Corporation. 359,016; Aug. 2; Serial No. 361,597; published May 24, 1938.

LIST OF LABELS

A-One Appetizer Brand Home Style Spiced Herring. For Spiced Herring. U. S. Alaska Herring Co. 51,586; Aug. 2.
Dole (Juice). For Canned Pineapple Juice. Hawaiian Pineapple Company, Ltd. 51,572; Aug. 2.
Dole Pineapple Gems. For Canned Pineapple. Hawaiian Pineapple Company. 51,574; Aug. 2.
Dole Pineapple Tidbits. For Canned Pineapple. Hawaiian Pineapple Company. 51,573; Aug. 2.
Flashlight. For Flashlights. Burgess Battery Company. 51,567; Aug. 2.
Fortune. For California Grape Brandy. California Wine Company. 51,568; Aug. 2.
Gilbert Fun with Electricity. For Electricity Sets. A. C. Gilbert Company. 51,571; Aug. 2.
Gregone. For Solution for Darkening Gray and Fading Hair. S. Pfeiffer Mfg. Co. 51,580; Aug. 2.
Hoffman Bock Beer. For Bock Beer. Hoffman Beverage Company. 51,576; Aug. 2.
Jack Rabbit Cleaner. For a Cleaner for Floors, Walls and Paint. Sugar Beet Products Company. 51,585; Aug. 2.
Jelly-Lax. For a Laxative and Blood purifier. M. Wohl. 51,590; Aug. 2.
Kirchen Gem. For a Sauce. Gem Food Co. 51,570; Aug. 2.
Kreso-Tol Antiseptic. For an Antiseptic. Diefenbach Laboratories Inc. 51,569; Aug. 2.
Ladilastics. For Foundation Garments. M. Henkin. 51,575; Aug. 2.
Lobsteritis. For a Product for Sunburn Protection. Limray Co. Inc. 51,577; Aug. 2.
Miss Siren—Distinctive Pajamas. For Pajamas. Siren Silk Undergarment Co. Inc. 51,584; Aug. 2.
No'Dor. For an Astringent and Deodorant. Ulmer Pharmacal Company. 51,587; Aug. 2.
O-So-Ezy Floor Mop. For Floor Mops. O-Cedar Corp'n. 51,578; Aug. 2.
O-So-Ezy Self Polishing Wax. For Self Polishing Wax. O-Cedar Corp'n. 51,579; Aug. 2.
Ros Pin. For Spring Pins Used to Fasten Meats and Other Foods Together Prior to Roasting, Baking, Boiling, or Otherwise Preparing Them for the Table. Service Syndicate. 51,583; Aug. 2.
Salada Tea Bags. For Tea Bags. Salada Tea Co. 51,582; Aug. 2.
Savet Extra Quality Soles. "Keeps Feet Dry". For Soles, Cement-Applied for Shoes. Auburn Rubber Corporation. 51,563; Aug. 2.
Savet Extra Quality Soles. Cut Shoe Expense ½. For Soles, Cement-Applied for Shoes. Auburn Rubber Corporation. 51,564; Aug. 2.
Savet Extra Quality Soles. Easily Put on by Anyone. For Soles, Cement-Applied for Shoes. Auburn Rubber Corporation. 51,565; Aug. 2.
Savet Extra Quality Soles. Non-Slip Wonderful Foot Comfort. For Soles, Cement-Applied to Shoes. Auburn Rubber Corporation. 51,566; Aug. 2.
Staff-O-Life. For Medicine to be Taken Internally. A. G. Raymond. 51,581; Aug. 2.
Washino Auto Wash. For an Auto Wash. Washino Corporation. 51,588–9; Aug. 2.

LIST OF PRINTS

Beech-Nut Mints. For Mints. Beech-Nut Packing Company. 16,952; Aug. 2.
Don't be a Nudist. Dress with Accessories. For Women's Accessories. H. W. Kulick. 16,957; Aug. 2.
Frontscale with How to Center Instruction. For Frontscales for Typewriters. E. M. Glueck. 16,953; Aug. 2.
Hershey's Add to Milk for a Delicious Drink. For a Chocolate Syrup. Hershey Chocolate Corporation. 16,956; Aug. 2.
Hershey's the Perfect Topping for Many Desserts. For a Chocolate Syrup. Hershey Chocolate Corporation. 16,955; Aug. 2.
Save Money on Your Dry Cleaning. For a Fabric Cleaner and Spot Remover. Linnell Company. 16,959; Aug. 2.
Sterling Tops Them All. For Beer. Sterling Brewers, Inc. 16,960; Aug. 2.
The Fan's Choice. For a Beverage. A. Green. 16,954; Aug. 2.
The Ski Pole Lamp. For Lamps. H. Woods. 16,961; Aug. 2.
Vine-Et. For Ice Cream. Limpert Bros. 16,958; Aug. 2.
Vine-Et. For Ice Cream. Limpert Bros. 16,958; Aug. 2.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 2D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abdelnour, Dmitri C., Port Chester, assignor, by mesne assignments, to Sleetex Company, New York, N. Y. Wiper. Re. 20,813; Aug. 2.
Backer, William, assignor to Swan Cleaners & Furriers, Schenectady, N. Y. Manufacture of coat hangers. Re. 20,814; Aug. 2.
Carroll, William M., assignor, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Recording device for liquid dispensing apparatus. Re. 20,815; Aug. 2.
Even-Cut Abrasive Band & Equipment Corporation. (See Maddox, William J., assignor.)
Haase, Wilbert W., assignor to Wilbert W. Haase Co., Forest Park, Ill. Self-sealing vault or receptacle. Re. 20,816; Aug. 2.
Haase, Wilbert W., Co. (See Haase, Wilbert W., assignor.)
Maddox, William J., Jamestown, N. Y., assignor to Even-Cut Abrasive Band & Equipment Corporation, Cleveland, Ohio. Abrading roll. Re. 20,817; Aug. 2.
Sleetex Company. (See Abdelnour, Dmitri C., assignor.)
Smyth, Paul H., Jr., Evanston, Ill. Selective phonographic playing machine. Re. 20,818; Aug. 2.
Swan Cleaners & Furriers. (See Backer, William, assignor.)
Wayne Pump Company, The. (See Carroll, William M., assignor.)

LIST OF DESIGN PATENTEES

Adams, Arthur R. (See Fuller, F. B., Adams, and Le Frois.)
Alexander, Myron R., et al. (See Weiner, George H., assignor.)
Alger, Don L., Avalon, Calif. Game board. 110,770; Aug. 2.
Allied Engineering Company. (See Kaptuller, Alexander F., assignor.)
Alter, Leo, assignor to The Glolite Corporation, Chicago, Ill. Illuminated shrine. 110,745; Aug. 2.
American Optical Company. (See Splaine, Edward M., assignor.)
Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
Bergman, Benjamin S., New York, N. Y. Sequin-embroidered appliqué. 110,771; Aug. 2.
Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Cooking stove. 110,762; Aug. 2.
Cagney, Warren O., New York, N. Y. Buckle. 110,746; Aug. 2.
Cannon, James D., Nashville, Tenn. Ashtray. 110,689; Aug. 2.
Chapman, Samuel, New York, N. Y. Dress ensemble. 110,763; Aug. 2.
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chicago Hardware Foundry Company, The. (See Nelson, Karl A., assignor.)
Coca-Cola Company, The. (See Worthington, Everett, assignor.)
Coleman, Tora, New York, N. Y. Dress. 110,764; Aug. 2.
Coleman, Tora, New York, N. Y. Dress. 110,772; Aug. 2.
Colt's Patent Fire Arms Manufacturing Company. (See Havourd, Richard S., assignor.)
Craddock, John E., Coney Island, N. Y. Ball game device. 110,714; Aug. 2.
Crompton Company. (See Leventhal, Jack, assignor.)
De Benque, Joseph D., New York, N. Y. Combined tray and beverage container holder. 110,690; Aug. 2.
De Bernard, Henriette, St. Louis, Mo. Cuff link or similar article. 110,715; Aug. 2.
Decker, Louise, New York, N. Y. Dress. 110,765; Aug. 2.
Dudley, Robert E., Wellesley, assignor to The Moxie Company, Boston, Mass. Bottle carrying case. 110,691; Aug. 2.
Durell, Edward, assignor to The Union Fork & Hoe Company, Columbus, Ohio. Display rack for farm and garden tools. 110,692; Aug. 2.
Ebling, Walter, Rochester, N. Y. Shoe. 110,716; Aug. 2.
Edwards, Leslie M., San Francisco, Calif. Knife. 110,717; Aug. 2.
Erie Sales and Manufacturing Company. (See Waltman, Chauncey E., assignor.)
Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Truck body for milking machine or the like. 110,718; Aug. 2.
Firemen's Association of the State of New York. (See Townsend, Howard C., assignor.)
Franklin, Leo, Cedarhurst, N. Y. Textile fabric or similar article. 110,786; Aug. 2.
Fuller, Foster B., Perinton, A. R. Adams and C. P. Le Frois, assignors to The Trescott Company, Inc., Fairport, N. Y. Link unit for fruit grading aprons or the like. 110,719; Aug. 2.
Garton, Clarence E., Sheboygan, Wis. Velocipede. 110,747; Aug. 2.
General Outdoor Advertising Co. Inc. (See Smith, Charles F., assignor.)
General Spring Bumper Corporation. (See Jandus, Herbert S., assignor.)
Gilmore, John L., Kansas City, Mo. Antenna supporting bracket or similar article. 110,748; Aug. 2.
Glolite Corporation, The. (See Alter, Leo, assignor.)
Goldman, Harry M., New York, N. Y. Textile fabric. 110,773; Aug. 2.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,774; Aug. 2.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,775; Aug. 2.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,787; Aug. 2.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,788; Aug. 2.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,789; Aug. 2.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Waffle mold or similar article. 110,693; Aug. 2.
Graff, George B., Toledo, Ohio. Sewing set case. 110,766; Aug. 2.
Haas, Alvin, Peru, Ill. Scroll saw frame. 110,749; Aug. 2.
Hanson, Martin, Chicago, Ill. Dresser or similar article. 110,694; Aug. 2.
Hanson, Martin, Chicago, Ill. Dresser chest or similar article. 110,695; Aug. 2.
Hanson, Martin, Chicago, Ill. Desk or similar article. 110,696; Aug. 2.
Harris, William E., assignor of one-half to J. D. Powell, Cincinnati, Ohio. Measuring instrument. 110,720; Aug. 2.
Havourd, Richard S., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Balancing attachment for a pistol. 110,697; Aug. 2.
Heim, Jacques, Paris, France. Textile fabric or similar article. 110,777; Aug. 2.
Heim, Jacques, Paris, France. Textile fabric or similar article. 110,778; Aug. 2.
Heim, Jacques, Paris, France. Textile fabric or similar article. 110,779; Aug. 2.
Heim, Jacques, Paris, France. Textile fabric or similar article. 110,780; Aug. 2.
Hilder, Leonard O., Arlington, Va. Educational device. 110,721; Aug. 2.
Hinckley-Myers Company. (See MacMillan, Charles W., assignor.)
Hyde, A. R., and Sons Co. (See Rossi, Rocco F., assignor.)
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,698; Aug. 2.
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,699; Aug. 2.
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,700; Aug. 2.
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,701; Aug. 2.
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,702; Aug. 2.

Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,703; Aug. 2.
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,704; Aug. 2.
Kaptuller, Alexander F., assignor to Allied Engineering Company, Chicago, Ill. Roller skate. 110,722; Aug. 2.
Knopp, Julius W., Toledo, Ohio. Stringed musical instrument. 110,706; Aug. 2.
Koch, Lydia B., New York, N. Y. Paper bottle or similar container. 110,705; Aug. 2.
Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 110,723; Aug. 2.
Langos, Alfred F., et al. (See Langos, Otto A., assignor.)
Langos, Harold L., et al. (See Langos, Otto A., assignor.)
Langos, Matilda R., et al. (See Langos, Otto A., assignor.)
Langos, Otto A., assignor to A. F., H. L., and M. R. Langos, Chicago, Ill., doing business as Langson Manufacturing Company. Paper burster toy. 110,750; Aug. 2.
Langson Manufacturing Company. (See Langos, Otto A., assignor.)
Le Frois, Clarence P. (See Fuller, F. B., Adams, and Le Frois.)
Leventhal, Jack, Laurelton, Long Island, N. Y., assignor to Crompton Company, West Warwick, R. I. Corduroy fabric. 110,767; Aug. 2.
Leventhal, Jack, Laurelton, Long Island, N. Y., assignor to Crompton Company, West Warwick, R. I. Corduroy fabric. 110,781; Aug. 2.
Levin, David, New York, N. Y. Shoe. 110,724; Aug. 2.
Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner molding strip unit. 110,751; Aug. 2.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner molding strip unit. 110,752; Aug. 2.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner molding strip unit. 110,753; Aug. 2.
MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 110,725; Aug. 2.
MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 110,726; Aug. 2.
MacMillan, Charles W., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Headlight testing instrument or similar article. 110,727; Aug. 2.
Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)
Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Radio cabinet. 110,707; Aug. 2.
Markel Electric Products, Inc. (See MacFadden, Glenn E., assignor.)
McMahon, Henry E., B. J. Riley, and M. J. Prandy, Milwaukee, Wis. Embroidered perforated fabric shoe. 110,728; Aug. 2.
Mey, Marcel, Paris, France, assignor, by mesne assignments, to Selznick International Pictures Inc., New York, N. Y. Textile fabric. 110,776; Aug. 2.
Mey, Marcel, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y. Textile fabric. 110,782; Aug. 2.
Mey, Marcel, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y. Textile fabric. 110,783; Aug. 2.
Miller, S. Lee, Maywood, Ill. Parking meter casing. 110,754; Aug. 2.
Mossberg, Iver O., West Haven, assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Combined trigger guard and finger grip for firearms. 110,729; Aug. 2.
Mossberg, O. F., & Sons, Inc. (See Mossberg, Iver O., assignor.)
Moxie Company, The. (See Dudley, Robert E., assignor.)
Nable, Max, and P. Reiss, New York, N. Y. Game board. 110,730; Aug. 2.
Nelson, Karl A., North Chicago, assignor to The Chicago Hardware Foundry Company, Chicago, Ill. Stool seat or similar article. 110,708; Aug. 2.
Olean Glass Company. (See Smith, George, Jr., assignor.)
Orange Crush Company. (See Repenning, Albert E., assignor.)
Padwa, Harry, Brooklyn, N. Y. Leg for an article of furniture. 110,709; Aug. 2.
Phillips, John A., Englewood, N. J. Combination table and smoking stand. 110,710; Aug. 2.
Powell, John D. (See Harris, William E., assignor.)
Prandy, Michael J. (See McMahon, H. E., Riley, and Prandy.)
Reiss, Phil. (See Nable, M., and Reiss.)
Repenning, Albert E., Oak Park, assignor to Orange Crush Company, Chicago, Ill. Bottle. 110,731; Aug. 2.
Riley, Bernard J. (See McMahon, H. E., Riley, and Prandy.)
Rockmore, Charles I., assignor to Chas. I. Rockmore, Inc., Brooklyn, N. Y. Shoe or similar article. 110,732; Aug. 2.
Rockmore, Chas. I., Inc. (See Rockmore, Charles I., assignor.)
Rogers, Sam T., Washington, D. C. Submarine. 110,733; Aug. 2.
Romer, Max L., New York, N. Y. Coat. 110,755; Aug. 2.
Romer, Max L., New York, N. Y. Cost. 110,756; Aug. 2.
Ross, Samuel, et al. (See Weiner, George H., assignor.)
Rossi, Rocco F., assignor to A. R. Hyde and Sons Co., Cambridge, Mass. Shoe. 110,734; Aug. 2.
Rubel, Max, New York, N. Y. Hammering tool. 110,735; Aug. 2.
Scotten, William W., Terre Haute, Ind. Combined dial and hands for a clock or similar article. 110,736; Aug. 2.
Seller, M., Company. (See Styskel, Edward C., assignor.)
Selznick International Pictures, Inc. (See Mey, Marcel, assignor.)
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard base or similar article. 110,737; Aug. 2.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 110,711; Aug. 2.
Sola Electric Co. (See Sola, Joseph G., assignor.)
Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Ignition transformer. 110,738; Aug. 2.
Sonberg, Max P., New York, N. Y. Coat. 110,757; Aug. 2.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 110,739; Aug. 2.
Starline Inc. (See Ferris, Robert G., assignor.)
Steinberg, Jack, New York, N. Y. Coat. 110,758; Aug. 2.
Sterngold, Jacob M., New York, N. Y. Dress. 110,784; Aug. 2.
Styskel, Edward C., assignor to M. Seller Company, San Francisco, Calif. Plate or similar article. 110,712; Aug. 2.
Swedlin, J., Inc. (See Young, Bonnie, assignor.)
Townsend, Howard C., Lockport, N. Y., assignor to Firemen's Association of the State of New York. Badge. 110,759; Aug. 2.
Trescott Company, The. (See Fuller, F. B., Adams, and Le Frois, assignors.)
Tuman, John, New York, N. Y. Dress. 110,768; Aug. 2.
Tuman, John, New York, N. Y. Dress. 110,785; Aug. 2.
Union Fork & Hoe Company, The. (See Durell, Edward, assignor.)
United States Glass Co. (See Kostellow, Rowena R.)
Waltman, Chauncey E., assignor to Erie Sales and Manufacturing Company, Chicago, Ill. Globe or shade for lighting fixture. 110,760; Aug. 2.
Waxberg, Augusta, New York, N. Y. Dress. 110,769; Aug. 2.
Weiner, George H., assignor of one-third to M. R. Alexander and one-third to S. Ross, Chicago, Ill. Combination lamp stand and remote radio control. 110,713; Aug. 2.
Weiss, Sidney, University City, Mo. Musical toy. 110,740; Aug. 2.
Wiest, Bryant, Elizabethville, Pa. Game apparatus. 110,741; Aug. 2.
Wolf, Harold, New York, N. Y. Shirt box. 110,742; Aug. 2.
Worthington, Everett, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Beverage cooler cabinet. 110,743; Aug. 2.
Young, Bonnie, assignor to J. Swedlin, Inc., New York, N. Y. Toy figure. 110,744; Aug. 2.
Young, Fred M., Racine, Wis. Radiator front. 110,761; Aug. 2.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 2D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acme Steel Company. (See Twomley, Herbert E., assignor.)
Adler Manufacturing Company. (See Plengemeir, Matthew, assignor.)
Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Cement Manufacture. 2,125,263; Aug. 2.
Aigner, George J., assignor to G. J. Aigner Company, Chicago, Ill. Index strip holder. 2,125,264; Aug. 2.
Aigner, G. J., Company. (See Aigner, George J., assignor.)
Airmatic Systems, Inc. (See Busch, Herman, assignor.)
Aktiebolaget Elektrolux. (See Eriksson-Jons, Anders, assignor.)
Aktiebolaget Sievert & Fornander. (See Dietmann, Paul W., assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Thommen, Hans, assignor.)
Alban, Clarence F. (See Hood, S. R., and Alban.)
Alden, Milton, Brockton, Mass. Electric connecter. 2,125,708; Aug. 2.
Allin, George S., Seattle, Wash., assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Bulldozer. 2,125,481; Aug. 2.
American Brass Company, The. (See Voegeli, Henry E., assignor.)
American Engineering Company. (See Lamond, Robert C., assignor.)
American Machine and Metals, Inc. (See Gross, Carl G., assignor.)
American Rolling Mill Company, The. (See Fon Dersmith, C. R., and Bergmann, assignors.)
American Seal-Kap Corporation of Delaware. (See Goodwin, Carl W., assignor.)
Anaconda Wire & Cable Company. (See Olson, John W., assignor.)
Anderson, Carl, G. B. Baehr, and G. M. Gay, Waterbury, and C. T. Manville, Woodbury, Conn., assignors to United States Rubber Products, Inc., New York, N. Y. Machine for securing fastener elements. 2,125,707; Aug. 2.
Anderson, Albert & J. M., Manufacturing Company. (See Reynolds, Charles H., assignor.)
Anderson, Paul V., assignor to Gardner Tool and Stamping Company, Gardner, Mass. Coasting and driving hub. 2,125,763; Aug. 2.
Andrews, Isaac, and H. O. Coddington, Spartanburg, S. C. Twine heddle. 2,125,278; Aug. 2.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,125,535; Aug. 22.
Arosee Company. (See Chandler, Daniel L., assignor.)
Armour and Company. (See Kell, Havard L., assignor.)
Armour and Company. (See Morris, Charles E., assignor.)
Armour and Company. (See Ralston, Anderson W., assignor.)
Armour and Company. (See Ralston, A. W., and Pool, assignors.)
Arnold, Herrick R., and C. H. Greenewalt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating polynuclear aromatic ketones. 2,125,412; Aug. 2.
Arnold, William F., Mount Vernon, assignor to Cornell-Dubilier Corporation, New York, N. Y. Impregnating electric condensers. 2,125,413; Aug. 2.
Arthur, James L., and D. L. Hittle, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,153,367; Aug. 2.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ball bearing timer distributor. 2,125,368; Aug. 2.
Atlantic Refining Company, The. (See Roberts, Oscar L., assignor.)
Atlas Steel Barrel Corporation. (See Campbell, R., and Proctor, assignors.)
Atlas Steel Barrel Corporation. (See Proctor, John R., assignor.)
Atwood, Leroy J., San Antonio, Tex. Metal feeder for type casting machines. 2,125,265; Aug. 2.
Audubon Wire Cloth Corporation. (See Guba, Raymond J., assignor.)
Avery, Clarence W., assignor to The Murray Corporation of America, Detroit, Mich. Apparatus for preparing trim panels. 2,125,480; Aug. 2.
Avey Drilling Machine Company, The. (See McKee, G. K., and Bernitt, assignors.)
Bacon, Charles J., assignor to The Mounting and Finishing Co., Inc., Brooklyn, N. Y. Display device. 2,125,710; Aug. 2.
Badger Meter Manufacturing Company. (See Krueger, Emil M., assignor.)
Baehr, George B. (See Anderson, C., Baehr, Gay, and Manville.)
Beatty, David E. (See Uecker, R. A., Rambo, and Beatty.)
Bakelite Corporation. (See Turkington, Victor H., assignor.)
Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Machine for forming tubular sheet-material bodies. 2,125,414; Aug. 2.
Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Applying closure mouths to bottle bodies. 2,125,415; Aug. 2.
Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Device for applying closure bottoms to tubular containers. 2,125,416; Aug. 2.
Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Paper milk bottle. 2,125,417; Aug. 2.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and N. O. Panzegrau, Chicago, Ill., assignors to International Harvester Company. Crawler tractor with rigid track frames. 2,125,327; Aug. 2.
Barmé, Friedrich, Wuppertal-Barmen, Germany. Iron annealing receptacle. 2,125,664; Aug. 2.
Barnes, Mabs R., Los Angeles, Calif. Body garment. 2,125,482; Aug. 2.
Bassick Company, The. (See Herold, Walter F., assignor.)
Batchelor, John C., New York, N. Y. Florescent structure. 2,125,599; Aug. 2.
Bauer, Frederick G., St. Louis, Mo. Surfacing tool. 2,125,709; Aug. 2.
Baumgarten, Paul, Berlin-Halensee, assignor of one-half to P. W. Rosenfeld, Berlin-Dahlem, Germany. Photographic camera with built-in developing device. 2,125,536; Aug. 2.
Bayer, Otto. (See Delfs, D., and Bayer.)
Bayer, Otto. (See Nelles, J., and Bayer.)
Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism for car couplers. 2,125,711; Aug. 2.
Bazzoni, Lewis J., Swampscott, Mass., assignor to The United Shoe Machinery Corporation, Paterson, N. J. Shoe and shoemaking. 2,125,328; Aug. 2.
Bean, Vernon J. (See Wasson, J. E., and Bean.)
Bear Manufacturing Company. (See Wochner, Henry, assignor.)
Beaton & Cadwell Manufacturing Company, The. (See Work, Ernest W., assignor.)
Beckwith Manufacturing Company. (See McMurray, Harry G., assignor.)
Begg, Russell S., Cleveland Heights, and G. C. R. Kuiper, assignors to The Midland Steel Products Company, Cleveland, Ohio. Hydraulic brake. 2,125,266; Aug. 2.
Behr, Gustave E., Sewaren, N. J., assignor to National Lead Company, New York, N. Y. Refining metal. 2,125,329; Aug. 2.
Bekan, Alida M., New York, N. Y. Combination bracelet and knitting yarn holder. 2,125,267; Aug. 2.
Bell & Howell Company, The. (See Howell, Albert S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bieling, Carl A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
Bendix Aviation Corporation. (See Olshevsky, Dimitry E., assignor.)
Benjamin, Mark, Wembley Park, and R. O. Jenkins, Wembley, assignors to The General Electric Company Limited, London, England. Construction of electrodes for cathode ray tubes and the like. 2,125,418; Aug. 2.
Benoit, Francois P. C., Paris, France. Apparatus for projection of molten pulverized bodies. 2,125,764; Aug. 2.
Bergmann, William W. (See Fon Dersmith, C. R., and Bergmann.)
Bernitt, Charles E. (See McKee, G. K., and Bernitt.)
Bettis, Wilbur F., Glendale, assignor to M. O. Johnston, Los Angeles, Calif. Sleeve packer construction. 2,125,665; Aug. 2.
Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,125,279; Aug. 2.
Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,125,280; Aug. 2.

Bindloss, Philip G. (See Herbst, P. J., Heacock, and Bindloss.)
Birk, Harold W., East Hartford, Conn. Receptacle. 2,125,419; Aug. 2.
Bisson, Henry A., Berlin, N. H. Paper towel receptacle. 2,125,420; Aug. 2.
Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wyomissing, Pa. Multiple loop regulating mechanism. 2,125,831; Aug. 2.
Blakeney, Francis M. (See Ring, Ernest A., assignor.)
Blanchard, Alva G., Shreveport, La. Hydraulic weighing and testing machine. 2,125,483; Aug. 2.
Blank, John A., Ironton, Ohio, and A. J. Blank, Puebla, Mexico, assignors to Cement Process Corporation. Manufacture of cementitious materials. 2,125,281; Aug. 2.
Blank, Alton J. (See Blank, John A. and A. J.)
Bleuel, William H., Pittsburgh, Pa. Apparatus for waving hair. 2,125,421; Aug. 2.
Bleuel, William H., Dormont, Pa., and S. Steek, Warren, Ohio; said Steek assignor to said Bleuel. Process and apparatus for waving human hair. 2,125,622; Aug. 2.
Boden, George, Waterbury, and J. L. Flannery, Canton, Conn. Liquid dispensing means. 2,125,537; Aug. 2.
Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nonlifting lacquer. 2,125,484; Aug. 2.
Bosworth, Roswell I., Cranston, R. I., assignor to Guyan Mills, Inc. Fabric for curtains or the like. 2,125,422; Aug. 2.
Bowes Seal-Fast Corporation. (See Mullen, Thomas W., assignor.)
Bowman-Manifold, Michael, Worplesdon Station, and R. E. Spencer, London, assignors to Electric & Musical Industries Limited, Middlesex, England. Oscillation generator. 2,125,732; Aug. 2.
Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Control lever. 2,125,538; Aug. 2.
Boyer, John R., Beach City, Ohio. Display device. 2,125,268; Aug. 2.
Boysen, Friedrich, Stuttgart/Heumaden, assignor to the firm J. Eberspächer, G. m. b. H., Esslingen-on-the-Necker, Germany. Device for extinguishing the flame and deadening the noise of the exhaust gases in internal combustion engines. 2,125,712; Aug. 2.
Brisbane, Eugene C., Denver, Colo., assignor to S. Morgan Smith Company, York, Pa. Breaking vacuum in pipe lines. 2,125,330; Aug. 2.
Bristol Company, The. (See Hunt, Ozro H., assignor.)
Britton, Sidney W. (See Rote, R. J., and Britton.)
Bromley, Thomas C., and G. S. Helliwell, Leicester, England. Knotter. 2,125,423; Aug. 2.
Brooks, Kenneth S., and L. G. Henel, assignors of one-third to A. B. Flemington, Kansas City, Mo. Apparatus for testing batteries. 2,125,840; Aug. 2.
Brophy, John J. (See Johnson, J. W., Van Roosen, Ushakoff, and Brophy.)
Brown Gravity-Meter Corporation. (See Brown, Hart, assignor.)
Brown, Hart, assignor to Brown Gravity-Meter Corporation, Houston, Tex. Force measuring device. 2,125,282; Aug. 2.
Brownlee, Robert L., assignor to Dreis & Krump Mfg. Company, Chicago, Ill. Back gauge for squaring shears. 2,125,539; Aug. 2.
Brügmann, William F., Evanston, Ill. Printing plate mounting. 2,125,331; Aug. 2.
Brunhoff Manufacturing Company, The. (See Karst, Clarence E., assignor.)
Buckley, Leo P. (See Swingle, W. T., and Buckley.)
Buchanan, Gordon, East Orange, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher frame. 2,125,666; Aug. 2.
Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Dean, assignors.)
Buff, Frank L., Wichita, Kans. Shell trimmer. 2,125,269; Aug. 2.
Bugenhagen, George H., Minot, N. Dak. Air gun. 2,125,600; Aug. 2.
Burnheimer, Charles W. (See Recen, Henry A., assignor.)
Bursell, Everett J., assignor to the firm Morehead-Bursell, Spokane, Wash. Bit casting means, method, and article. 2,125,332; Aug. 2.
Burton-Dixie Corporation. (See Burton, Oliver M., assignor.)
Burton, Oliver M., assignor to Burton-Dixie Corporation, Chicago, Ill. Padded spring-cushion. 2,125,621; Aug. 2.
Busch, Herman, Long Island City, assignor to Airmatic Systems, Inc., New York, N. Y. Pneumatic power control. 2,125,601; Aug. 2.
Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Remote control system. 2,125,765; Aug. 2.
Cairns, Theodore L., Lindsay, Calif. Orchard spray. 2,125,602; Aug. 2.
Calco Chemical Company, The. (See Davis, Harold S., assignor.)
Calco Chemical Company, The. (See Lecher, Hans Z., assignor.)
Caldwell, Albert E., assignor to G. D. Ladd, Lockport, Ill. Electrical connecter. 2,125,485; Aug. 2.
Callender's Cable and Construction Company Limited. (See Gooding, Hubert T., assignor.)
Caminetz, Morris. (See Weigele, J. W., and Caminetz.)
Campbell, Robert, West New Brighton, Staten Island, N. Y., and J. R. Proctor, assignors to Atlas Steel Barrel Corporation, Bayonne, N. J. Full removable drum head clamping ring. 2,125,767; July 2.
Campbell, William B., assignor of one-fourth to L. S. Madlem, San Francisco, Calif. Pump for semifluids. 2,125,283; Aug. 2.
Canadian Pulp and Paper Research Corporation. (See Maass, O., and Richardson, assignors.)
Carlier & Rahr, Inc. (See Rahr, William, assignor.)
Carlisle, Maynard G., Manchester Center, Vt. Piston ring expander. 2,125,766; Aug. 2.
Carlson, Carl I., Jennings Lodge, Oreg. Fastening device. 2,125,540; Aug. 2.
Carlton, Paul, St. Louis, Mo. Piston ring. 2,125,541; Aug. 2.
Carpenter, Marion Scott, Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Hydrogenated brown camphor oil and preparing the same. 2,125,832; Aug. 2.
Carter Carburetor Corporation. (See Boyce, Leonard D., assignor.)
Carter, Ray M., Glenbrook, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Company, New York, N. Y. Production of olefine oxides. 2,125,333; Aug. 2.
Casey, Charles, Jr., St. Arnaud, Australia. Permutation lock. 2,125,667; Aug. 2.
Cass, Oliver W. (See Levine, A. A., and Cass.)
Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)
Caterpillar Tractor Co. (See Weeks, Paul, assignor.)
Catterlin, Everett S., New York, N. Y. Portable refrigerating device, particularly for air conditioning. 2,125,542; Aug. 2.
Celotex Corporation, The. (See Neumeister, Carl L., assignor.)
Cement Process Corporation. (See Blank, John A. and A. J., assignors.)
Chamberlain, Leonard C., and J. L. Williams, assignors to The Dow Chemical Company, Midland, Mich. Process for the preparation of ethyl chloride. 2,125,284; Aug. 2.
Chandler, Daniel L., Somerville, assignor to Arecee Company, Inc., Salem, Mass. Window lock. 2,125,543; Aug. 2.
Chase, Philip H., Bala-Cynwyd, Pa. Signal. 2,125,668; Aug. 2.
Chemische Forschungsgesellschaft m. b. H. (See Herrmann, W. O., and Haehnel, assignors.)
Cheney, Allan, Cynwyd, Pa., assignor to The Cheney Company. Crimped copper flashing. 2,125,841; Aug. 2.
Cheney Company, The. (See Cheney, Allan, assignor.)
Chicago Forging & Manufacturing Co. (See Hynes, Dibrell P., assignor.)
Chicago Pneumatic Tool Company. (See Williams, John G., assignor.)
Christensen, Harry S., and D. D. Draper, Oxford, Nebr. Animal marker. 2,125,768; Aug. 2.
Christman, John N. H., assignor to Evans Products Company, Detroit, Mich. Vehicle ventilating structure. 2,125,486; Aug. 2.
Church, Walter L., Houston, Tex. Pipe perforator. 2,125,487; Aug. 2.
Clausing, Harold W., Norwood, Ohio. Hinged shoe last and hinge therefor. 2,125,623; Aug. 2.
Cloud, Claude C., Chicago, Ill. Novelty. 2,125,424; Aug. 2.
Coddington, Howard O. (See Andrews, I., and Coddington.)
Coe, Mary J. (See Knowles, James P., assignor.)
Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Treating vegetable and animal oils and product obtained thereby. 2,125,544; Aug. 2.
Coleman, James O., South Gate, assignor of one-half to M. A. Gartner, Los Angeles, Calif. Gauge. 2,125,545; Aug. 2.
Colie, Claud C., Bloomington, Ill. Sign. 2,125,488; Aug. 2.
Colvin, Noland D. (See Coultes, W. J., and Colvin.)
Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
Conover, Warren C., assignor to Outboard Marine & Manufacturing Company, Waukegan, Ill. Slip clutch device. 2,125,270; Aug. 2.
Cork, Edward C. (See White, E. L. C., and Cork.)
Cornell-Dubilier Corporation. (See Arnold, William F., assignor.)
Corr, Thomas E., San Francisco, Calif. Portable lifting device. 2,125,546; Aug. 2.
Coughlin, George P., Fairbanks, Alaska. Self-dumping elevator. 2,125,547; Aug. 2.
Coultas, Wilbur J., and N. D. Colvin, assignors to Deere & Company, Moline, Ill. Gear housing. 2,125,489; Aug. 2.
Cowl, John S., Swoope, Va. Package inverting device. 2,125,548; Aug. 2.
Crocker, Clarence T., Daytona Beach, Fla., assignor to General Electric Company. Electric arc lamp. 2,125,769; Aug. 2.

Crockford, Joseph R., New York, N. Y. Padding for pressing devices. 2,125,603; Aug. 2.
Cromer, Bryant S., et al. (See Wheeler, Charles E., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crosley Radio Corporation, The. (See Money, Roland H., assignor.)
Curry, Joseph G., San Antonio, Tex. Tortilla machine. 2,125,550; Aug. 2.
Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
Cutter Laboratory, The. (See Winegarden, H. M., Westfall, Hawes, and Wood, assignors.)
Dabroski, Stanley, Chicopee, Mass. Picture hanger. 2,125,770; Aug. 2.
Dahlman, Verner, New Lenox, assignor to Independent Air Filter Company, Chicago, Ill. Paint spray filter. 2,125,271; Aug. 2.
Darman, Joseph, Utica, N. Y. Towel dispensing cabinet. 2,125,604; Aug. 2.
Darman, Joseph, Utica, N. Y. Towel dispensing cabinet. 2,125,605; Aug. 2.
Dathe, Paul, Hartha, Germany. Weaving heddle. 2,125,425; Aug. 2.
Davis, George W., Trenton, N. J. Toy railway equipment. 2,125,551; Aug. 2.
Davis, Harold S., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Manufacture of aromatic alcohol. 2,125,490; Aug. 2.
Davis, James A. (See Wupper, B. F., and Davis.)
Davis, Sidney H., H. W. Doennecke, and E. W. Douglass, assignors to Ozark Chemical Company, Tulsa, Okla. Recovering Glauber's salt from natural brine. 2,125,624; Aug. 2.
Day, J. H., Company, The. (See Liebelt, Adolph A., assignor.)
Day, J. H., Company, The. (See Schiff, Sigmund, assignor.)
Deal, Benjamin H., Price, Utah. Propeller. 2,125,549; Aug. 2.
Dean, Albert G. (See Ragsdale, E. J. W., and Dean.)
Dean, William H., Darlington, England. Electrical signaling system. 2,125,491; Aug. 2.
De Castro, Vincent A., Habana, Cuba. Storage tank for volatile liquids. 2,125,771; Aug. 2.
De Cesare, Matteo, Newark, N. J., assignor to Karl Ohlbaum & Son, Inc., New York, N. Y. Doll's eye. 2,125,426; Aug. 2.
Deckard, Charles L., Tulsa, Okla. Beam hanger. 2,125,861; Aug. 2.
Deeb, George J., Indianapolis, Ind. Treating piston rings. 2,125,606; Aug. 2.
Deere & Company. (See Coultas, W. J., and Colvin, assignors.)
De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Manufacture of antiknock gasoline. 2,125,855; Aug. 2.
De Ganahl, Carl, assignor to Fleetwings, Inc., Bristol, Pa. Forming corrugations. 2,125,427; Aug. 2.
De Laval Separator Company, The. (See Erling, Sven J., assignor.)
De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
Delfoe, Edward F., Brooklyn, N. Y. Spraying device. 2,125,428; Aug. 2.
Delfs, Detlef, and O. Bayer, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,125,625; Aug. 2.
Delviniotti, Jean. (See Hubert, Jean, assignor.)
Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Gasket. 2,125,334; Aug. 2.
Denker, Frank A., Hobbs, N. Mex., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,125,429; Aug. 2.
Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Box. 2,125,856; Aug. 2.
Dietmann, Paul W., Jonkoping, assignor to Aktiebolaget Siefvert & Fornander, Kalmar, Sweden. Method of and machine for manufacturing boxes. 2,125,430; Aug. 2.
Dinion, Nathan, assignor to Magnetic Windings Company, Easton, Pa. Magnetic coil structure. 2,125,431; Aug. 2.
Dirscherl, Wilhelm, Heidelberg, Germany, assignor to Rare Chemicals, Inc., Nepara Park, N. Y. Sexual hormone compositions and producing same. 2,125,772; Aug. 2.
Dise Engineering & Manufacturing Company. (See Ice, James N., assignor.)
Ditto, Incorporated. (See Kirkpatrick, Robert J., assignor.)
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Indirect lighting fixture. 2,125,335; Aug. 2.
Doennecke, Henry W. (See Davis, S. H., Doennecke, and Douglass, assignors.)
Dodge, Frank W., Hotchkiss, Colo. Gold recovering machine. 2,125,492; Aug. 2.
Douglass, Emory W. (See Davis, S. H., Doennecke, and Douglass.)
Dow Chemical Company, The. (See Chamberlain, L. C., and Williams, assignors.)
Dow Chemical Company, The. (See Denker, Frank A., assignor.)
Dow Chemical Company, The. (See Perkins, Ralph P., assignor.)
Dowling, Edward S., Indianapolis, Ind., assignor to Shellmar Products Company, Chicago, Ill. Package. 2,125,833; Aug. 2.
Drabenstott, Glenn H., Wooster, Ohio. Seat for amusement slides. 2,125,773; Aug. 2.
Draeger, Rupert H., U. S. Navy. Processing film holder. 2,125,285; Aug. 2.
Draper, Donal D. (See Christensen, H. S., and Draper.)
Draving, Arthur M., assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Electrical terminal prong with integral lug. 2,125,713; Aug. 2.
Dreis & Krump Mfg. Company. (See Brownlee, Robert L., assignor.)
Du Brie, Stanley R., Detroit, Mich. Spring switch with handle. 2,125,432; Aug. 2.
Dunkelow, Henry J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,125,433; Aug. 2.
Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Greenewalt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Gilbert, Harvey N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hager, Charles R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hall, C. B., and McBurney, assignors.)
Du Pont, E. I., de Nemours and Company. (See Hall, D. C., and Steinbring, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hinegardner, Wilbie S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
Du Pont, E. I., de Nemours and Company. (See Hoskins, Harry J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Cass, assignors.)
Du Pont, E. I., de Nemours & Company. (See Macallum, Alexander D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Magill, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Noddin, George A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and McAllister, assignors.)
Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
Eaddy, Ernest J., Spartanburg, S. C. Cleaning hood for textile machinery. 2,125,774; Aug. 2.
Eastern Malleable Iron Company, The. (See Hennicke, Carl R., assignor.)
Eberspächer, J., G. m. b. H. (See Boysen, Friedrich, assignor.)
Eby, Hugh H., Inc. (See Draving, Arthur M., assignor.)
Eclipse Machine Company. (See Ferguson, Malcolm P., assignor.)
Eclipse Machine Company. (See Kearney, Daniel P., assignor.)
Eclipse Machine Company. (See Sayre, Gordon B., assignor.)
Eclipse Machine Company. (See Whitney, Maurice P., assignor.)
Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,125,842; Aug. 2.
Eisenman, Louis, Brooklyn, N. Y. Separable fastener or buckle. 2,125,775; Aug. 2.
Eisendrath, Joseph L., Jr. (See Sundhauss, Herman O., assignor.)
Electric & Musical Industries Limited. (See Bowman-Manifold, M., and Spencer, assignors.)
Electric & Musical Industries Limited. (See White, E. L. C., and Cork, assignors.)
Ellis, Carleton, Jr., Montclair, N. J., assignor to Plaskon Company, Incorporated. Composite molding composition and making same. 2,125,776; Aug. 2.
Emerson Apparatus Company. (See Wasson, J. E., and Bean, assignors.)
Eplett, Emanuel S., Michigan City, Ind., assignor to Sullivan Machinery Company. Making boned guides. 2,125,434; Aug. 2.
Erdman, Harvey C., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Manufacture of screws. 2,125,272; Aug. 2.
Eriksson-Jons, Anders, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Vacuum cleaner. 2,125,726; Aug. 2.
Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Removing oil from flowing air streams. 2,125,435; Aug. 2.
Estrates, Eustace D., Irvington, and A. Psihas and G. Lesfakis, Newark, N. J. Convertible typewriter cabinet. 2,125,777; Aug. 2.
Ettl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for handling strip material. 2,125,336; Aug. 2.
Evans Products Company. (See Christman, John N. H., assignor.)
Exhibit Supply Co. (See Radtke, B., and Kirk, assignors.)

Farrand, Clair L., Larchmont, assignor to United Research Corporation, Long Island City, N. Y. Polarizing and output circuit for photosensitive devices. 2,125,273; Aug. 2.

Feder, Milton, Lancaster, Calif. Continuous method of treating edible fluids. 2,125,778; Aug. 2.

Feldhoff, Paul, Radevormwald/Rhineland, assignor to "Kronprinz" Aktiengesellschaft für Metallindustrie, Solingen-Ohligs/Rhineland, Germany. Threadless tube connection. 2,125,552; Aug. 2.

Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)

Ferguson, Malcolm P., assignor to Eclipse Machine Company, Elmira, N. Y. Backfire release for internal combustion engines. 2,125,370; Aug. 2.

Field, Edward S., Kansas City, Mo. Shingle mill. 2,125,371; Aug. 2.

Filtration Equipment Corporation. (See Laughlin, William C., assignor.)

Fischer, Albert C., Chicago, Ill. Paving and expansion joint structure. 2,125,857; Aug. 2.

Fisk, Ernest T., Sydney, New South Wales, Australia. Sound excluding ventilating window. 2,125,669; Aug. 2.

Flannery, John L. (See Boden, G., and Flannery.)

Fleetwings, Inc. (See de Ganahl, Carl, assignor.)

Flemington, Alex B. (See Brooks, K. S., and Henel, assignors.)

Fletcher, John, Kenmore, assignor to Plastergon Wall Board Company, Buffalo, N. Y. Building construction. 2,125,286; Aug. 2.

Fletcher Oil Well Desander Corporation. (See McCune, Burton W., assignor.)

Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Printing and pinning machine. 2,125,626; Aug. 2.

Fluharty, William G., Rockville Centre, assignor to The Western Union Telegraph Company, New York, N. Y. Duplex balance indicator. 2,125,670; Aug. 2.

Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Thermostat for electric ranges. 2,125,627; Aug. 2.

Forbes Lithograph Manufacturing Company. (See Larkin, James L., assignor.)

Foster, William H., Elkhart, Ind., assignor to Walco, Incorporated, Detroit, Mich. Lifting jack. 2,125,493; Aug. 2.

Fourcade, Henry G., Humansdorp, Cape Province, South Africa. Construction of maps from photographs taken from the air. 2,125,553; Aug. 2.

Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Double glazing unit. 2,125,372; Aug. 2.

Franck, George E., Berwyn, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Line valve. 2,125,554; Aug. 2.

Franklin Creamery Company, The. (See MacLean, J. Showles, assignor.)

Franklin Railway Supply Company. (See Zouck, George H., assignor.)

Frantz, Walter A., Cleveland, Ohio. Electrical connecter. 2,125,555; Aug. 2.

Fredrickson, Gustav, Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Magnetizer. 2,125,628; Aug. 2.

Freeman, Benjamin W., Cincinnati, Ohio. Die. 2,125,494; Aug. 2.

Frehner, Paul. (See Schwager, A. C., and Frehner.)

French, Edward M., Garden City, assignor to Rand Rubber Company, Inc., Brooklyn, N. Y. Making garment protectors. 2,125,495; Aug. 2.

Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. High frequency electrical switch and electromagnetic actuating means therefor. 2,125,436; Aug. 2.

Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,125,671; Aug. 2.

Fon Dersmith, Charles R., and W. W. Bergmann, assignors to The American Rolling Mill Company, Middletown, Ohio. Ingot mold stool. 2,125,496; Aug. 2.

Frank, Emil, Cincinnati, Ohio. Sifting and measuring container. 2,125,497; Aug. 2.

Fuchs, Leo, Berlin, Germany. Combination lock. 2,125,607; Aug. 2.

Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Naphtha reforming. 2,125,714; Aug. 2.

Gallo, John W., Revere, Mass. Container. 2,125,629; Aug. 2.

Garbutt, Frank A. (See Hatherell, George A., assignor.)

Gardner Tool and Stamping Company. (See Anderson, Paul V., assignor.)

Garrett, Robert U., Enka, N. C. Apparatus for generating ozone. 2,125,672; Aug. 2.

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,125,287; Aug. 2.

Gartner, Marcus A. (See Coleman, James O., assignor.)

Gaudin, Antoine M., Butte, Mont. Flotation reagents and method of use. 2,125,337; Aug. 2.

Gay, Eugene A., Newport, R. I. Dispensing device. 2,125,288; Aug. 2.

Gay, Gilman M. (See Anderson, C., Bachr, Gay, and Manville.)

Geary, Edmund J., Detroit, Mich. Price tag. 2,125,437; Aug. 2.

Gehres, Marcel L., et al. (See Wheeler, Charles E., assignor.)

Geissmann, Gladys W., New York, N. Y. Glove construction. 2,125,673; Aug. 2.

General Aniline Works, Inc. (See Delfs, D., and Bayer, assignors.)

General Electric Company. (See Butler, Henry E., assignor.)

General Electric Company. (See Crocker, Clarence T., assignor.)

General Electric Company. (See Jones, Benjamin W., assignor.)

General Electric Company. (See Metcalf, George F., assignor.)

General Electric Company. (See Nickle, Clifford A., assignor.)

General Electric Company. (See Safford, Moyer M., assignor.)

General Electric Company Limited. (See Benjamin, M., and Jenkins, assignors.)

General Motors Corporation. (See Arthur, James L., assignor.)

General Motors Corporation. (See Arthur, J. L., and Hittle, assignors.)

General Motors Corporation. (See Fredrickson, Gustav, assignor.)

General Motors Corporation. (See Georgiev, Alexander M., assignor.)

General Motors Corporation. (See Geyer, Harvey D., assignor.)

General Railway Signal Company. (See Hailes, William D., assignor.)

General Register Corporation. (See Helsel, Reuben H., assignor.)

General Ribbon Mills, Inc. (See Stark, Joseph W., assignor.)

Hermani, Henry, Baltimore, Md., assignor, by mesne assignments, to Owens-Illinois Can Company, Wilmington, Del. Apparatus for inserting pintles in box parts. 2,125,834; Aug. 2.

Geneva Processes, Inc. (See McLean, William A., assignor.)

Georgiev, Alexander M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Container for electrolytic condensers. 2,125,373; Aug. 2.

Gerlach, Erwin, Berlin-Siemensstadt, assignor to Klangfilm G. m. b. H., Berlin, Germany. Oscillograph galvanometer. 2,125,608; Aug. 2.

Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile door lock-bolt. 2,125,779; Aug. 2.

Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for the preparation of solutions. 2,125,274; Aug. 2.

Gillette Safety Razor Company. (See Holtzman, John, assignor.)

Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)

Gleich, Fritz., Weil-in-the-Dorf, near Stuttgart, Germany. Shearing machine. 2,125,556; Aug. 2.

Glossbrenner, George L., Chicago, Ill. Nursing bottle nipple. 2,125,338; Aug. 2.

Goggin, Jeremiah F., Davenport, Iowa. Producing luminous effects. 2,125,780; Aug. 2.

Goldenberg, Claire, Brooklyn, N. Y. Adjustable necktie. 2,125,715; Aug. 2.

Goldman, Sylvan N., Oklahoma City, Okla. Commodity accommodation and vending rack. 2,125,557; Aug. 2.

Golisano, John, Brooklyn, N. Y., assignor to National Folding Box Company, New Haven, Conn. Container. 2,125,716; Aug. 2.

Gooding, Hubert T., Kent, assignor to Callender's Cable and Construction Company Limited, London, England. Electric trigger relay and similar device. 2,125,630; Aug. 2.

Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Milk bottle cap. 2,125,609; Aug. 2.

Goodwin, Ernest G., Pelham, N. Y., assignor to Graham-White Sander Corporation, Roanoke, Va. Tilted spring snubber. 2,125,275; Aug. 2.

Gould, Edgar A. (See Pitts, J. E., and Gould.)

Gould, Nathaniel O., Detroit, Mich. Reserve liquid fuel controlling device. 2,125,674; Aug. 2.

Graham-White Sander Corporation. (See Goodwin, Ernest G., assignor.)

Grainger, Julius, et al. (See Rowell, Gar L., assignor.)

Grainger, Rafe Earl, et al. (See Rowell, Gar L., assignor.)

Grant, Rolland A., Lodi, Calif. Carrying scraper. 2,125,558; Aug. 2.

Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,125,438; Aug. 2.

Green, Edward A., East Cleveland, Ohio, assignor to Security Machine Products Company, Wilmington, Del. Lock nut. 2,125,276; Aug. 2.

Greenewalt, Crawford H. (See Arnold, H. R., and Greenewalt.)

Grimm, Oskar, Lengenfeld, Germany. Producing a fabric with close setting of the weft threads. 2,125,339; Aug. 2.

Gross, Carl G., Mount Vernon, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Electric switch. 2,125,439; Aug. 2.

Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric and making the same. 2,125,717; Aug. 2.

Guth, Edwin F., Webster Groves, Mo. Illuminating fixture. 2,125,440; Aug. 2.

Gutzeit, Grégoire, Geneva, assignor, by mesne assignments, to Visura Treuhand Gesellschaft, Zurich, Switzerland. Concentrating oxidized ores by means of froth flotation. 2,125,631; Aug. 2.

Guyan Mills, Inc. (See Bosworth, Roswell I., assignor.)

Haag, Herbert C., Carlstadt, N. J. Fishing line float. 2,125,718; Aug. 2.

Hader, Julius. (See Kessler, M., and Hader.)

Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)

Hagenbook, Thurloe M., assignor to International Door Company, Evansville, Ind. Pivot lift and hold-down for revolving doors. 2,125,498; Aug. 2.

Hager, Charles R., Baltimore, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Oxidation of titanous salts. 2,125,340; Aug. 2.

Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,125,499; Aug. 2.

Hall, Carroll B., Beaver Falls, and J. D. McBurney, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric and making same. 2,125,341; Aug. 2.

Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener attached lamp socket installation and socket for the same. 2,125,843; Aug. 2.

Hall, Daniel C., Silview, and E. F. Steinbring, Wilmington, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Making pigment barium sulphate from barium chloride. 2,125,342; Aug. 2.

Halsam Products Company. (See Paulson, Nils I., assignor.)

Haltenberger, Jules, Ann Arbor, Mich. Automobile construction. 2,125,441; Aug. 2.

Hamill, William W., Chigwell, England. Coupling for the transmission of power or movement. 2,125,559; Aug. 2.

Hammond, John H., Jr., Gloucester, Mass. Facilitating engine starting. 2,125,610; Aug. 2.

Hanna, William T., Cincinnati, Ohio. Distributor plate for steam blast stokers. 2,125,289; Aug. 2.

Hansen, Jens P., Copenhagen, Denmark. Photographic camera for multi-photography. 2,125,560; Aug. 2.

Hanzlik, Paul J., San Mateo, assignor to Board of Trustees of Leland Stanford Jr. University of California. Antisyphilitic preparation and manufacture. 2,125,561; Aug. 2.

Harkort, Hermann, Berlin, Germany. Production of lead glazes. 2,125,632; Aug. 2.

Harries, John H. O., Frinton-on-Sea, England. Electron discharge tube. 2,125,719; Aug. 2.

Harris, Burness V., assignor of one-half to H. Hasskamp, Fort Sumner, N. Mex. Solder feed for soldering irons. 2,125,781; Aug. 2.

Harris, Joseph W., Washington, D. C. Sheet paper holder for typewriters. 2,125,290; Aug. 2.

Harrison, Paul E., Dover, N. H. Making tire cord. 2,125,633; Aug. 2.

Hartley, Henry J., Hastings-on-Hudson, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Incineration. 2,125,720; Aug. 2.

Hartley, Henry J., Hastings-on-Hudson, N. Y., and P. Schroeder, San Francisco, Calif., assignors to Nichols Engineering & Research Corporation, New York, N. Y. Furnace and recuperator structure. 2,125,721; Aug. 2.

Haaskamp, Harry. (See Harris, Burness V., assignor.)

Hatherell, George A., Roscle, assignor to Frank A. Garbutt, Los Angeles, Calif. Chewing gum base. 2,125,562; Aug. 2.

Haupt, William E., Brooklawn, N. J. Testing device for multiple cylinder internal combustion engines. 2,125,277; Aug. 2.

Hawes, Roland C. (See Winegarden, H. M., Westfall, Hawes, and Wood.)

Hawkins, Earl M., Roselle, N. J., assignor to Standard Oil Development Company. Liquid level indicating and controlling device. 2,125,722; Aug. 2.

Hayden, Robert B., Seattle, Wash. Precious metal, recovery device. 2,125,291; Aug. 2.

Hays, Benjiman F., Hamburg, Iowa. Burial vault. 2,125,563; Aug. 2.

Hayes Industries, Inc. (See Kingsley, George A., assignor.)

Heacock, Ralph H. (See Herbst, P. J., Heacock, and Bindloss.)

Heald Machine Company, The. (See Heald, Roger N., assignor.)

Heald, Roger N., assignor to The Heald Machine Company, Worcester, Mass. Making abrasive tools with conducting properties. 2,125,782; Aug. 2.

Healy, Francis P., assignor to Van Norman Machine Tool Company, Springfield, Mass. Valve regrinding device. 2,125,442; Aug. 2.

Heeman, Herbert H., Lakewood, Ohio. Door handle. 2,125,783; Aug. 2.

Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,125,564; Aug. 2.

Heimer, Warren J., Denver, Colo. Hobble. 2,125,500; Aug. 2.

Heimke, Hugo W. (See Williams, K. D., and Heimke.)

Helliwell, Guy S. (See Bromley, T. C., and Helliwell.)

Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,125,443; Aug. 2.

Henel, Lester G. (See Brooks, K. S., and Henel.)

Hennicke, Carl R., Cleveland Heights, Ohio, assignor to The Eastern Malleable Iron Company, Naugatuck, Conn. Trailer coupling. 2,125,611; Aug. 2.

Henriquez, Vivian C., and B. D. H. Tellegen, Eindhoven, Netherlands, assignors to Radio Corporation of America. Interference elimination. 2,125,723; Aug. 2.

Herbst, Philip J., Merchantville, R. H. Heacock, Oaklyn, and P. G. Bindloss, Audubon, N. J., assignors to Radio Corporation of America. Attenuator. 2,125,612; Aug. 2.

Heritage, Clark C., Rumford, Maine, assignor to Oxford Paper Company. Bleaching pulp or paper webs. 2,125,634; Aug. 2.

Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,125,292; Aug. 2.

Herrmann, Willy O., Deisenhofen, and W. Haehnel, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Polymerized vinyl compounds. 2,125,374; Aug. 2.

Hesselman, Knut J. E., Saltsjo Storangen, assignor, by mesne assignments, to Hesselman Motor Corporation, Aktiebolag, Henriksdal, Stockholm, Sweden. Internal combustion engine. 2,125,293; Aug. 2.

Hesselman Motor Corporation, Aktiebolag. (See Hesselman, Knut J. E., assignor.)

Hibberd, William A., Toronto, Ontario, Canada. Target apparatus. 2,125,565; Aug. 2.

Higgins, Edward, Scottdale, Pa. Holder or support for collapsible tubes and the like. 2,125,784; Aug. 2.

Hildreth, Charles E., et al. (See O'Brien, Lawrence, assignor.)

Hill, Allan W. (See MacNeill, J. B., and Hill.)

Hill, George H., Jr., Parkersburg, W. Va. Reconditioning roads and pavements. 2,125,785; Aug. 2.

Hill, Harry S., assignor to Harry S. Hill Manufacturing Co., Portland, Oreg. Sharpening tool for paper drills. 2,125,566; Aug. 2.

Hill, Harry S., Manufacturing Co. (See Hill, Harry S., assignor.)

Hilpman, Paul, West Hempstead, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,125,675; Aug. 2.

Hinegardner, Wilbie S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vaporization of formaldehyde. 2,125,375; Aug. 2.

Hittle, Dalphin L. (See Arthur, J. L., and Hittle.)

Hjort, Henry, Bay Terrace, Staten Island, N. Y. Revolving retouching desk. 2,125,613; Aug. 2.

Hobart, John P., Kalamazoo, Mich. Illuminating device. 2,125,635; Aug. 2.

Hochschwender, Ernst, and H. Thomssen, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Column containing filler bodies. 2,125,343; Aug. 2.

Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Bracket for releasing milker systems. 2,125,344; Aug. 2.

Holderle, Carl L. (See Holderle, Frederick W. and C. L.)

Holderle, Frederick W. and C. L., Rochester, N. Y. Cooling cabinet. 2,125,444; Aug. 2.

Holland, William W., Baltimore, Md., assignor to Petroleum Conversion Corporation, New York, N. Y. Stabilizing gasolines. 2,125,636; Aug. 2.

Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Waterproofing process. 2,125,376; Aug. 2.

Holtzman, John, New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Razor blade and holder. 2,125,501; Aug. 2.

Holtzman, John, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,125,502; Aug. 2.

Holveck, Joseph E., Crafton, Pa., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Spray nozzle. 2,125,445; Aug. 2.

Hood, Stanley R., and C. F. Alban, Detroit, Mich. Making compound bimetallic elements. 2,125,858; Aug. 2.

Hoppenstand, David, Glenshaw, Pa. Lighter. 2,125,637; Aug. 2.

Horn, Otto. (See Nicodemus, O. Lange, and Horn.)

Hosking, Harry J., Brooklyn, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Cyanide manufacture. 2,125,377; Aug. 2.

Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,125,567; Aug. 2.

Hubert, Jean, assignor to J. Delviniotti, Paris, France. Clockwork movement. 2,125,638; Aug. 2.

Huenergardt, William H., Chicago, Ill. Safety razor. 2,125,503; Aug. 2.

Hunt, George B., Chicago, Ill., assignor to The Shaw-Walker Company, Muskegon, Mich. Paper fastener. 2,125,724; Aug. 2.

Hunt, Ozro H., assignor to The Bristol Company, Waterbury, Conn. Multiple-recording instrument. 2,125,345; Aug. 2.

Hürlimann, Hans, Wil, Switzerland. Motor vehicle wheel for tractors. 2,125,786; Aug. 2.

Hurtt, William T., Wilkinsburg, Pa. Bearing. 2,125,446; Aug. 2.

Huyssen, Phillip H. and P. S., Chicago, Ill. Self-propelling vehicle. 2,125,568; Aug. 2.

Huyssen, Prescott S. (See Huyssen, Phillip H and P. S.)
Hydraulic Brake Company. (See Rouch, Exerett W., assignor.)
Hynes, Dibrell P., Evanston, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood. 2,125,569; Aug. 2.
I. G. Farbenindustrie, Aktiengesellschaft. (See Hochschwender, E., and Thomssen, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nelles, J., and Bayer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O. Lange, and Horn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., Uffer, and Kuehn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Strauch, Hugo, assignor.)
Ice, James N., assignor to Dise Engineering & Manufacturing Company, Wheeling, W. Va. Pipe coupling. 2,125,570; Aug. 2.
Imperial Brass Manufacturing Company, The. (See Franck, George E., assignor.)
Imperial Chemical Industries Limited. (See Rubenstein, Leon, assignor.)
Imperial Chemical Industries Limited. (See Tyce, G. C., and Lefebure, assignors.)
Independent Air Filter Company. (See Dahlman, Verner, assignor.)
Ingersoll-Rand Company. (See Kirgan, John, assignor.)
Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
International Door Company. (See Hagenbook, Thurloe M., assignor.)
International Harvester Company. (See Baker, D. B., Rogers, and Panzegrau, assignors.)
International Harvester Company. (See Hodsdon, Floyd G., assignor.)
International Harvester Company. (See MacDonald, Raymore D., assignor.)
International Harvester Company. (See Scarlett, Arthur A, assignor.)
Istre, Sola, assignor of one-half to A. O. King, Lake Charles, La. Wire clothespin. 2,125,787; Aug. 2.
Ivers Lee Company. (See Salfisberg, Leroy L., assignor.)
Jacobson, Ernest F., Minneapolis, Minn. Gun. 2,125,571; Aug. 2.
Jacobson, Franz, Brooklyn, N. Y. Flexible corrugated metal tubing. 2,125,447; Aug. 2.
Jaques, Marjorie E., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Display box. 2,125,725; Aug. 2.
Jenkins, Ronald O. (See Benjamin, M., and Jenkins.)
Johnson, Charles W., Washington, D. C. Closure for bottles, jars, and like containers. 2,125,788; Aug. 2.
Johnson, Charles W., Uniontown, Pa. Manufacturing glassware. 2,125,789; Aug. 2.
Johnson, Charles W., Uniontown, Pa. Nonrefillable bottle and like containers. 2,125,790; Aug. 2.
Johnson, Charles W., Uniontown, Pa. Nonrefillable stopper. 2,125,791; Aug. 2.
Johnson, Glenn G., and R. J. Maller, Oelwein, Iowa. Printing apparatus. 2,125,346; Aug. 2.
Johnson, Joseph W., Salem, H. V. Roosen, Newton Center, A. E. Ushakoff, Beverly, and J. J. Brophy, Salem, Mass. Fuel. 2,125,448; Aug. 2.
Johnson Laboratories, Inc. (See Sinninger, Dwight V., assignor.)
Johnston, Harold F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Dispenser. 2,125,572; Aug. 2.
Johnston, M. O. (See Bettis, Wilbur F., assignor.)
Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,125,295; Aug. 2.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,125,792; Aug. 2.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,125,296; Aug. 2.
Junkins, John N., Sheffield, Ala. Oxidizing elemental phosphorus. 2,125,297; Aug. 2.
Kadas, Michael, Farmington, Minn. Tank truck grounding device. 2,125,378; Aug. 2.
Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,125,727; Aug. 2.
Karst, Clarence E., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Sound producing attachment for roller skates. 2,125,504; Aug. 2.
Keach, O. A. (See Le Compte, Frank H., assignor.)
Kearney, Daniel P., Detroit, Mich., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 2,125,379; Aug. 2.
Kehoe, Richard D., Pelham, assignor to Paper & Industrial Appliances, Inc., New York, N. Y. Hydraulic beating apparatus. 2,125,298; Aug. 2.
Keil, Havard L., assignor to Armour and Company, Chicago, Ill. Preparing liver extracts. 2,125,844; Aug. 2.
Kelley, Isaac D., Jr., St. Louis, Mo. Atomizer. 2,125,573; Aug. 2.
Kerner Incinerator Co. (See Nicol, Herbert E., assignor.)
Kessler, George A., and L. Salzmann, Butler, Pa., assignors to L. Sonneborn Sons, Inc. Preparing substantially pure free mahogany sulphonic acids. 2,125,300; Aug. 2.
Kessler, Morris, and J. Hader, Brooklyn, N. Y. Beverage dispensing device. 2,125,614; Aug. 2.
King, Alvin O. (See Istre, Sola, assignor.)
Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Printing form and preparing the same. 2,125,676; Aug. 2.
Kingsley, George A., deceased; R. Riethmiller, administratrix, assignor to Hayes Industries, Inc., Jackson, Mich. Muffler. 2,125,449; Aug. 2.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,125,347; Aug. 2.
Kirk, Claude R. (See Radtke, B., and Kirk.)
Kirkpatrick, Robert J., Atlanta, Ga., assignor to Ditto, Incorporated, Chicago, Ill. Payroll machine. 2,125,728; Aug. 2.
Kittredge, John W., Akron, Ohio. Flexible coupling for shafting. 2,125,615; Aug. 2.
Klangfilm G. m. b. H. (See Gerlach, Erwin, assignor.)
Knight, Jesse L., Montgomery, and C. R. Stahl, Kimberly, W. Va. Separating means. 2,125,574; Aug. 2.
Knowles, James P., assignor to M. J. Coe, Kansas City, Mo. Lamp guard. 2,125,450; Aug. 2.
Kolliner, Simon A., assignor to Kolliner St. Croix Garment Company, Stillwater, Minn. Breechette. 2,125,451; Aug. 2.
Kolliner St. Croix Garment Company. (See Kolliner, Simon A., assignor.)
Kotzin, Godfrey, Los Angeles, Calif. Duplex clippers. 2,125,575; Aug. 2.
Kretchmer, Frank P., Chicago, Ill. Machine for making filled confections. 2,125,729; Aug. 2.
Kritz, Frank, Detroit, Mich. Clutch control mechanism. 2,125,505; Aug. 2.
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Alloy and manufactures. 2,125,299; Aug. 2.
Kroll, Nathan J. and S., Chicago, Ill. Vehicle hub cap. 2,125,506; Aug. 2.
Kroll, Samuel. (See Kroll, Nathan J. and S.)
"Kronprinz" Aktiengesellschaft für Metallindustrie. (See Feldhoff, Paul, assignor.)
Krueger, Emil M., assignor to Badge Meter Manufacturing Company, Milwaukee, Wis. Water meter mounting. 2,125,380; Aug. 2.
Kuchenmeister, George, Hastings on Hudson, N. Y. Beverage cooler and fitting. 2,125,677; Aug. 2.
Kuehn, Erich. (See Reppe, W., Uffer, and Kuehn.)
Kuiper, Gerhard C. R. (See Begg, R. S., and Kuiper.)
Kurman Electric Co. (See Kurman, Nathan A., assignor.)
Kurman, Nathan A., Long Island City, assignor to Kurman Electric Co., Inc., New York, N. Y. Telephone receiver. 2,125,348; Aug. 2.
Ladd, George D. (See Caldwell, Albert E., assignor.)
Ladner, Alan W., Goonhilly, Danbury, England, assignor to Radio Corporation of America. Magnetron modulation system. 2,125,507; Aug. 2.
Lake, Simon, Milford, Conn. Salvage apparatus 2,125,301; Aug. 2.
Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic motor. 2,125,452; Aug. 2.
Lange, Heinrich. (See Nicodemus, O. Lange, and Horn.)
Larkin, James L., Winthrop, assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Display box. 2,125,845; Aug. 2.
Lathrop, Harvey, Forest Hills, Long Island, N. Y. Foldable clock device. 2,125,294; Aug. 2.
Laudano, Filippo, Turin, Italy. Telegraphic receiver. 2,125,616; Aug. 2.
Laughlin, William C., assignor to Filtration Equipment Corporation, New York, N. Y. Magnetic sewage clarification. 2,125,846; Aug. 2.
Lautenschläger, Carl L., Frankfort-on-the-Main, and W. Ludwig, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing a substance promoting lactation. 2,125,508; Aug. 2.
Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,125,349; Aug. 2.
Lecher, Hans Z., Plainfield, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Diazobiguanides. 2,125,509; Aug. 2.
Le Compte, Frank H., assignor of one-half to O. A. Keach, Wichita, Kans. Gas burner. 2,125,678; Aug. 2.
Lefebure, Victor. (See Tyce, G. C., and Lefebure.)
Lesfakis, George. (See Estrates, E. D., Psihas, and Lesfakis.)
Leykoff, David, Brooklyn, N. Y. Collapsible egg carton. 2,125,730; Aug. 2.
Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of chlorinated compounds. 2,125,381; Aug. 2.
Lewis, Leroy M., Rosemont, Pa. Automatic sprinkler. 2,125,510; Aug. 2.
Libbey Glass Company. (See Schneider, H. W., and Mankin, assignors.)
Liebelt, Adolph A., assignor to The J. H. Day Company, Cincinnati, Ohio. Scraper. 2,125,859; Aug. 2.
Lily-Tulip Cup Corporation. (See Miller, Albert F., assignor.)

Linderman, Garrett B., Jr., Hagerstown, Md., assignor to Kimberly Stuart, Neenah, Wis. Paper utensil. 2,125,793; Aug. 2.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Antifroth discharging means for centrifugal separators. 2,125,453; Aug. 2.
Lipps, William D., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Stapling mechanism. 2,125,731; Aug. 2.
Longstreet, Willard J., Bayonne, N. J. Football amusement device. 2,125,679; Aug. 2.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,125,350; Aug. 2.
Loy, Lee C., Tyler, Tex. Changeable sign. 2,125,576; Aug. 2.
Ludwig, Willy. (See Lautenschläger, C. L., and Ludwig.)
Lykken, Henry G., Minneapolis, Minn., and R. L. Sutherland, Winnipeg, Manitoba, Canada; said Sutherland assignor to Northern Coal Products Co., Minneapolis, Minn. Drying material. 2,125,382; Aug. 2.
Lytle, Harry R., Sacramento, Calif. Cigarette forming device. 2,125,351; Aug. 2.
Maass, Otto, Montreal, Quebec, and R. E. Richardson, Oshawa, Ontario, assignors to The Canadian Pulp and Paper Research Corporation, Montreal, Quebec, Canada. Apparatus for determining the opacity of paper and other materials. 2,125,639; Aug. 2.
Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of lactic acid. 2,125,383; Aug. 2.
Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ethynyl carbinols. 2,125,384; Aug. 2.
Macdonald, Angus S., Hadlyme, Conn., assignor to Snead & Company, Jersey City, N. J. Library construction. 2,125,302; Aug. 2.
MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Screen seal for hammer mills. 2,125,352; Aug. 2.
MacGregor, Alpine R., Forest Hills, Pa. Alloy. 2,125,680; Aug. 2.
MacLean, J. Showles, assignor to The Franklin Creamery Company, Toledo, Ohio. Packaging. 2,125,385; Aug. 2.
MacNeill, John B., and A. W. Hill, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,125,835; Aug. 2.
Madlem, Leo S. (See Campbell, William B., assignor.)
Magidson, Frank, Pittsburgh, Pa., assignor to Pittsburgh Tag Company. Machine for making tags. 2,125,794; Aug. 2.
Magill, Paul L., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating alkaline surfaces. 2,125,386; Aug. 2.
Magnetic Windings Company. (See Dinion, Nathan, assignor.)
Maguire, Thomas F., Charlotte, N. C. Cast iron steam, vapor, and hot water boiler. 2,125,795; Aug. 2.
Makin, Giles M. G., Pawtucket, R. I. Cloth reel. 2,125,796; Aug. 2.
Malcolm, Robert. (See Standley, Cleo R., assignor.)
Maller, Raymond J. (See Johnson, G. G., and Maller.)
Mankin, Lawrence O. (See Schneider, H. W., and Mankin.)
Manville, Charles T. (See Anderson, C., Baehr, Gay, and Manville.)
Marbon Corporation. (See McKenzie, John H., assignor.)
Marino, John J., New York, N. Y. Snow removal machine. 2,125,797; Aug. 2.
Marsh, Howard E., Ventura, Calif. Hydraulic brake. 2,125,640; Aug. 2.
Marshall, John, Pollokshaws, Glasgow, Scotland. Ventilator. 2,125,454; Aug. 2.
Martin, Adrian, New York, N. Y. Time switch. 2,125,733; Aug. 2.
Martin, William H., Detroit, Mich. Fluid pressure indexing valve. 2,125,513; Aug. 2.
Martins, Borge, Copenhagen, Denmark. Wheel suspension. 2,125,511; Aug. 2.
Martins, Borge, Copenhagen, Denmark. Wheel suspension. 2,125,512; Aug. 2.
Maschwitz, Percy A., assignor to The Pure Oil Company, Chicago, Ill. Producing high octane rating motor fuel. 2,125,734; Aug. 2.
Mason, Martin W., Nutley, N. J., assignor to Pittsburgh Plate Glass Company. Protective coating. 2,125,387; Aug. 2.
Matsumae, Akiyoshi, Kumamoto, Japan. Auxiliary medical agent and preparing the same. 2,125,577; Aug. 2.
Mattson, Bernard O., Detroit, Mich. Moving target. 2,125,353; Aug. 2.
McAllister, Robert W. (See Reichert, J. S., and McAllister.)
McBurney, John D. (See Hall, C. B., and McBurney.)
McCormick, Fred W., Grand Rapids, Mich. Latch construction. 2,125,515; Aug. 2.
McCune, Burton W., assignor to Fletcher Oil Well Desander Corporation, Bakersfield, Calif. Bailer bottom. 2,125,643; Aug. 2.
McKee, George K., and C. E. Bernitt, Cincinnati, Ohio, assignors to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,125,641; Aug. 2.
McKenzie, John H., Chicago, Ill., assignor to Marbon Corporation. Laminated pressed wallboard. 2,125,847; Aug. 2.
McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. Mixing device for preparing mixtures such as mayonnaise and salad dressing. 2,125,455; Aug. 2.
McMurray, Harry G., Greenwood, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Toe stiffener. 2,125,798; Aug. 2.
McRoberts, Samuel L., Pittsburgh, Pa. Safety barrier. 2,125,303; Aug. 2.
McWhirter, John S., Southport, Conn. Vehicle motor drive employing herring bone gears. 2,125,456; Aug. 2.
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,125,681; Aug. 2.
Meehan, James F., Jr. (See Sheldon, W. R., and Meehan.)
Meier, Albert J., Glendale, Mo. Container. 2,125,354; Aug. 2.
Meluzin, Julius, Washington, D. C. Lathe hand gauge. 2,125,682; Aug. 2.
Mergenthaler Linotype Company. (See Frolander, Frank C., assignor.)
Mergenthaler Linotype Company. (See Hilpman, Paul, assignor.)
Mergenthaler Linotype Company. (See Kingsbury, George P., assignor.)
Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
Mergenthaler Linotype Company. (See Stouges, Anthony J., assignors.)
Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Decorating sheet material. 2,125,457; Aug. 2.
Merritt, Robert J., Los Angeles, Calif. Device for use on cooking ranges. 2,125,514; Aug. 2.
Metals & Controls Corporation. (See Vaughan, Victor G., assignor.)
Metcalf, George F., Schenectady, N. Y., assignor to General Electric Company. Circuits for arc-back suppression. 2,125,799; Aug. 2.
Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Load controlling apparatus. 2,125,355; Aug. 2.
Meyer Mineral Separation Company. (See Meyer, Ralph F., assignor.)
Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Metallurgy of ferroalloy metals. 2,125,642; Aug. 2.
Midland Steel Products Company, The. (See Begg, R. G., and Kuiper, assignors.)
Milburn, Herbert G. (See Milburn, Richard H., and H. G.)
Milburn, Richard H., Parnell, and H. G. Milburn, Remuera, Auckland, New Zealand. Method of and apparatus for the treatment of flax and the like fibers. 2,125,800; Aug. 2.
Millar, Cyril, F. P., Chorlton on Medlock, Manchester, England. Printing ink. 2,125,683; Aug. 2.
Miller, Albert F., Flushing, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Cup making machine. 2,125,848; Aug. 2.
Miller Company, The. (See Doane, Leroy C., assignor.)
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Cutter relieving means for shaping machines. 2,125,304; Aug. 2.
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,125,684; Aug. 2.
Minneapolis-Honeywell Regulator Company. (See Nessell, Clarence W., assignor.)
Møller, Holger, Copenhagen, Denmark. Steering device for vehicles. 2,125,644; Aug. 2.
Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Lubricating enclosed engines. 2,125,645; Aug. 2.
Monitor Controller Company. (See Frese, Joseph F., assignor.)
Monroe, Spencer F., Colton, Calif., assignor to J. E. Peterson, Hamilton, Ohio. Photographing apparatus. 2,125,388; Aug. 2.
Morehead-Bursell. (See Bursell, Everett J., assignor.)
Morelli, Tito, near Kirkland, Wash. Anticannibalism guard for chickens. 2,125,389; Aug. 2.
Morgan Construction Company. (See Whalen, John N., assignor.)
Morgan, Ralph L., Richmond, N. H. Beach tent. 2,125,801; Aug. 2.
Morris, Charles E., assignor to Armour and Company, Chicago, Ill. Shortening compound. 2,125,849; Aug. 2.
Morrison, John, Mamaroneck, assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Applying pins to flexible brush backs and the like. 2,125,735; Aug. 2.
Motor Wheel Corporation. (See Van Halteren, Andrew S., assignor.)
Mounting and Finishing Co., The. (See Bacon, Charles J., assignor.)
Mueller, William A., Hollywood, assignor to United Research Corporation, Burbank, Calif. Sound recording. 2,125,390; Aug. 2.
Mullen, Thomas W., assignor to Bowes Seal-Fast Corporation, Indianapolis, Ind. Casing repair. 2,125,578; Aug. 2.

Muller, C. H. F., Aktiengesellschaft. (See Völkel, Leopold, assignor.)
Murphy, Thomas G., Franklin, Pa., assignor to L. Sonneborn Sons, Inc. Lubricating oil. 2,125,305; Aug. 2.
Murray Corporation of America, The. (See Avery, Clarence W., assignor.)
Murray Corporation of America, The. (See Westrope F. J., and Person, assignors.)
Murray Corporation of America, The. (See Westrope, F. J., and Vehko, assignors.)
Murray, Thomas L., New Rochelle, N. Y. Tape cutting device. 2,125,736; Aug. 2.
Musher, Albert, New York, assignor to Musher Corporation, Elizabeth, N. J. Salad dressing. 2,125,391; Aug. 2.
Musher Corporation. (See Musher, Albert, assignor.)
Najder, Walter M., Milwaukee, Wis. Identification attachment for vehicles. 2,125,392; Aug. 2.
Nation, John. Ree Heights, S. Dak. Wheel. 2,125,802; Aug. 2.
National Bearing Metals Corporation. (See Vigne, Albert, assignor.)
National Blank Book Company. (See Schade, John, assignor.)
National Cash Register Company, The. (See Green, Charles W., assignor.)
National Folding Box Company. (See Golisano, John, assignor.)
National Folding Box Company. (See Ringler, William A., assignor.)
National Lead Company. (See Behr, Gustave E., assignor.)
National Malleable and Steel Castings Company. (See Bazeley, Arthur J., assignor.)
National Screw & Manufacturing Company, The. (See Erdman, Harvey C., assignor.)
Nelles, Johannes, and O. Bayer, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengeselischaft, Frankfort-on-the-Main, Germany. B-halogenated vinyl ketones. 2,125,393; Aug. 2.
Nelson, Stewart, New York, N. Y. Frankfurter broiler. 2,125,471; Aug. 2.
Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,125,646; Aug. 2.
Neuendorf, Julius C., Detroit, Mich. Metal sash strip. 2,125,394; Aug. 2.
Neumeister, Carl L., Oak Park, assignor to The Celotex Corporation, Chicago, Ill. Plaster base construction. 2,125,516; Aug. 2.
Newton, Charles E., Brockton, Mass. Perforating machine. 2,125,803; Aug. 2.
Nichols Engineering & Research Corporation. (See Hartley, Henry J., assignor.)
Nichols Engineering & Research Corporation. (See Hartley, H. J., and Schroeder, assignors.)
Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Antenna. 2,125,804; Aug. 2.
Nicodemus, Otto, H., Lange, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization products and preparing them. 2,125,685; Aug. 2.
Nicol, Herbert E., assignor to Kerner Incinerator Co., Milwaukee, Wis. Incinerator. 2,125,517; Aug. 2.
Niemann, Gustav, Brunswick, Germany. Engageable power transmitting device. 2,125,617; Aug. 2.
Noddin, George A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Initiator. 2,125,356; Aug. 2.
Norris, Alfred E., Westfield, assignor to The Regina Corporation, Rahway, N. J. Vacuum cleaner muffler. 2,125,850; Aug. 2.
North American Holding Corporation. (See Johnston, James W., assignor.)
Northern Coal Products Co. (See Lykken, H. G., and Sutherland, assignors.)
Norton, Albert, Birmingham, assignor to Tube Products Limited, Oldbury, Birmingham, England. Rolling mill. 2,125,686; Aug. 2.
Norton Company. (See Ridgway, Raymond R., assignor.)
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Manufacture of satchel bottom bags. 2,125,306; Aug. 2.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Bag making machine. 2,125,307; Aug. 2.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Applying a patch to a satchel bottom bag. 2,125,308; Aug. 2.
Nyerges, Arthur, Cleveland, Ohio. Pin setter. 2,125,647; Aug. 2.
Nystrand, Daniel, Green Bay, Wis. Interfold sheet package. 2,125,618; Aug. 2.
O'Brien, Lawrence, assignor of one-third to C. E. Hildreth and one-third to E. Zimmermann, Mount Pulaski, Ill. Battery connecter. 2,125,579; Aug. 2.
Ohlbaum, Karl & Son, Inc. (See De Cesare, Matteo, assignor.)
Oldham, James L., Nelson, England. Latch operating mechanism. 2,125,518; Aug. 2.
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Seat spring cover anchor. 2,125,519; Aug. 2.
Olson, John W., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Conductor covering, method and compound for treatment thereof. 2,125,836; Aug. 2.
Olson, Joseph F., Portland, Oreg. Mounting and supporting a saw. 2,125,395; Aug. 2.
Olshevsky, Dimitry E., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Connecting device. 2,125,396; Aug. 2.
Olympia Büromaschinenwerke Aktiengesellschaft. (See Tobias, Werner, assignor.)
Ostermann, Friedrich, Menden, assignor to Georg von Giesche's Erben, Breslau, Germany. Bright-pickling articles of copper-zinc alloys. 2,125,458; Aug. 2.
Oswald, Earl P., Ferndale, Mich. Dynamo-electric machine. 2,125,309; Aug. 2.
Outboard Marine & Manufacturing Company. (See Conover, Warren C., assignor.)
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double window construction. 2,125,397; Aug. 2.
Owens-Illinois Can Company. (See Hermani, Henry, assignor.)
Ox Fibre Brush Company. (See Lipps, William D., assignor.)
Ox Fibre Brush Company. (See Morrison, John, assignor.)
Oxford Paper Company. (See Heritage, Clark C., assignor.)
Ozark Chemical Company. (See Davis, S. H., Doennecke, and Douglass, assignors.)
Palmgren, Per G., assignor to S K F Industries, Inc., Philadelphia, Pa. Roller bearing. 2,125,648; Aug. 2.
Pacific Electric Manufacturing Corporation. (See Schwager, A. C., and Frehner, assignors.)
Panzegrau, Norman O. (See Baker, D. B., Rogers, and Panzegrau.)
Paper & Industrial Appliances, Inc. (See Kehoe, Richard D., assignor.)
Parent, Edmond H. A., Paris, France. Vertical filing device for cards and other uses. 2,125,619; Aug. 2.
Parker, Joseph L., and C. H. Starns, Birmingham, Ala., assignors to Southern Cement Company. Manufacturing cementitious substance from blast furnace slag. 2,125,520; Aug. 2.
Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Roof and gable construction for toy buildings. 2,125,580; Aug. 2.
Pearce, Edwin S., Indianapolis, Ind. Apparatus for conditioning air. 2,125,581; Aug. 2.
Peddicord, Jasper B., St. Bernard, La. Spout for sealed metal containers. 2,125,805; Aug. 2.
Peebles, George H., Vancouver, British Columbia, Canada. Illuminated sign unit. 2,125,687; Aug. 2.
Pennsylvania Crusher Company. (See Buchanan, Gordon, assignor.)
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Alkylating phenols. 2,125,310; Aug. 2.
Person, Alfred. (See Westrope, F. J., and Person.)
Pestarini, Joseph M., Staten Island, N. Y. Electrical equipment. 2,125,806; Aug. 2.
Peterson, Ben L., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Water supply and drainage system for fishlocks. 2,125,311; Aug. 2.
Peterson, J. Earl. (See Monroe, Spencer F., assignor.)
Petrolator Corporation. (See Svenson, Ernest J., assignor.)
Petroleum Conversion Corporation. (See Holland, William W., assignor.)
Petty, Zach A., Beckley, W. Va. Bar. 2,125,807; Aug. 2.
Peyser, Joseph, Mount Vernon, N. Y. Assembling articles. 2,125,357; Aug. 2.
Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
Pioneer Instrument Company. (See Urfer, Adolf, assignor.)
Pitts, Joseph E., Oakland, and E. A. Gould, San Bruno, Calif. Book sewing machine. 2,125,459; Aug. 2.
Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
Pittsburgh Plate Glass Company. (See Mason, Martin W., assignor.)
Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
Pittsburgh Plate Glass Company. (See West, George L., assignor.)
Pittsburgh Tag Company. (See Magidson, Frank, assignor.)
Plant Liquidation Corporation. (See Pratt, V. E., and Takats, assignors.)
Plaskon Company. (See Ellis, Carleton, Jr., assignor.)
Plastergon Wall Board Company. (See Fletcher, John, assignor.)
Plengemeier, Matthew, assignor to Adler Manufacturing Company, Louisville, Ky. Sander. 2,125,460; Aug. 2.
Pohl, Ernest, Kiel, Germany. Stand, more particularly for Röntgen apparatus. 2,125,586; Aug. 2.
Pool, William O. (See Ralston, A. W., and Pool.)
Potdevin Machine Company. (See Ettl, Joseph, assignor.)

Pratt, Verneur E., Stamford, Conn., and Z. Takats, Leonia, N. J., assignors, by mesne assignments, to Plant Liquidation Corporation. Projection device. 2,125,582; Aug. 2.
Price, Fronso A., Ansted, W. Va. Portable roller bender. 2,125,688; Aug. 2.
Proctor, John R. (See Campbell, R., and Proctor.)
Proctor, John R., assignor to Atlas Steel Barrel Corportion, Bayonne, N. J. Clamping ring. 2,125,808; Aug. 2.
Psihas, Alex. (See Estrates, E. D., Psihas, and Lesfakis.)
Puckett, John B., Robstown, Tex. Dental device. 2,125,809; Aug. 2.
Pure Oil Company, The. (See Maschwitz, Percy A., assignor.)
Rabald, Willy, Leipzig, Germany. Hair clipping machine. 2,125,748; Aug. 2.
Radio Corporation of America. (See Henriquez, V. C., and Tellegen, assignors.)
Radio Corporation of America. (See Herbst, P. J., Heacock, and Bindloss, assignors.)
Radio Corporation of America. (See Ladner, Alan W., assignor.)
Radio Corporation of America. (See Ramberg, Edward G., assignor.)
Radtke, Bruno, and C. R. Kirk, assignors to Exhibit Supply Co., Chicago, Ill. Coin controlled device. 2,125,689; Aug. 2.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Box section beam. 2,125,690; Aug. 2.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal beam. 2,125,691; Aug. 2.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Beam structure. 2,125,692; Aug. 2.
Rahr, William, Two Rivers, assignor to Carlier & Rahr, Inc., Manitowoc, Wis. Corn popper. 2,125,749; Aug. 2.
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,125,737; Aug. 2.
Ralph, Walter J. Jr., Oakland, Calif. Dessert freezer. 2,125,693; Aug. 2.
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Extreme pressure lubricant. 2,125,851; Aug. 2.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentrating ores and flotation agents therefor. 2,125,852; Aug. 2.
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Sulphur monochloride-nitrile reaction products and process of preparing them. 2,125,853; Aug. 2.
Ramberg, Edward G., Haddon Heights, N. J., assignor to Radio Corporation of America. Electron multiplier. 2,125,750; Aug. 2.
Rambo, Ingar G. (See Uecker, R. A., Rambo, and Beatty.)
Rambo, Ingar G. (See Uecker, R. A., Rambo, and Simpson.)
Rand Rubber Company. (See French, Edward M., assignor.)
Rare Chemicals, Inc. (See Dirscherl, Wilhelm, assignor.)
Ratcliff, Peary F., Shreveport, La. Deep grease fryer. 2,125,862; Aug. 2.
Reeen, Henry A., Kokomo, assignor of one-half to C. W. Burnheimer, Breckenridge, Colo. Battery terminal connecter. 2,125,521; Aug. 2.
Reed, Francis T., New Orleans, La. Plug valve 2,125,810; Aug. 2.
Reed, William E., Pittsburgh, Pa. Wire fabric 2,125,583; Aug. 2.
Reflector Hardware Corporation. (See Zadek, Milton, assignor.)
Regina Corporation, The. (See Norris, Alfred E., assignor.)
Reichert, Joseph S., and R. W. McAllister, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Milk sterilization. 2,125,398; Aug. 2.
Reliable Knitting Works. (See Rosenberg, Samuel, assignor.)
Remington Arms Company. (See Loomis, Crawford C., assignor.)
Renholdt, John T., Bridgeport, Conn. Lamp. 2,125,358; Aug. 2.
Reppe, Walter, and H. Uffer, Ludwigshafen-on-the-Rhine, and E. Kuehn, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polymerization products from thiovinyl ethers. 2,125,649; Aug. 2.
Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Contact member for electrical connections. 2,125,816; Aug. 2.
Reynolds Wire Co. (See Thompson, Herbert L., assignor.)
Richardson, Annie, Hollywood, Calif. Orthodontia bracket. 2,125,587; Aug. 2.
Richardson, Ronald F. (See Maass, O., and Richardson.)
Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Electric furnace. 2,125,588; Aug. 2.
Riethmiller, Ruth, administratrix. (See Kingsley, George A.)
Ring, Ernest A., Providence, assignor of one-half to F. M. Blakeney, East Providence, R. I. Optical occluder. 2,125,650; Aug. 2.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container for tubes and bulbs. 2,125,312; Aug. 2.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container for tubes and bulbs. 2,125,313; Aug. 2.
Roberts, Oscar L., Merwood Park, assignor to The Atlantic Refining Company, Philadelphia, Pa. Wax treatment. 2,125,314; Aug. 2.
Robertson, George L., West Philadelphia, Pa. Adjustable head safety razor. 2,125,811; Aug. 2.
Robertson, H. H., Company. (See Young, J. H., and Wiesmann, assignors.)
Robertson, John S., Melbourne, Victoria, Australia. Separating granular material. 2,125,812; Aug. 2.
Rock-Ola Manufacturing Corporation. (See Wupper, B. F., and Davis, assignors.)
Rogers, Clifford R. (See Baker, D. B., Rogers, and Panzegrau.)
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming glass to metal seals. 2,125,315; Aug. 2.
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming glass to metal seals. 2,125,316; Aug. 2.
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,125,317; Aug. 2.
Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Filing cabinet and receptacle forming a part thereof. 2,125,813; Aug. 2.
Rose, William K., New York, N. Y. Airfoil. 2,125,738; Aug. 2.
Rosen, Samuel, Utica, N. Y. Bottle breaker. 2,125,651; Aug. 2.
Rosenberg, Samuel, assignor to Reliable Knitting Works, Milwaukee, Wis. Knitted and reinforced headgear. 2,125,739; Aug. 2.
Rosenfeld, Paul W. (See Baumgarten, Paul, assignor.)
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machine Co. Machine for making wired box parts. 2,125,461; Aug. 2.
Rote, Robert J., and S. W. Britton, Rock Island, Ill. Steam heated core for molding battery containers. 2,125,814; Aug. 2.
Rotzoll, Erich, Berlin-Frohnau, Germany. Adjusting device for machine tools. 2,125,584; Aug. 2.
Rouch, Everett W., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,125,585; Aug. 2.
Rowell, Gar L., assignor of niney-five per cent to R. E. Grainger, Nichols, and J. Grainger, Green Sea, S. C. Whirling toy. 2,125,815; Aug. 2.
Rubenstein, Leon, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Detonator for example, blasting detonator. 2,125,462; Aug. 2.
Rustless Iron and Steel Corporation. (See Krivobok, Vsevolod N., assignor.)
Ruthsaccumulators Nordiska Aktiebolag. (See Ullgren, Johan D., assignor.)
Ryan, John J., Chicago, Ill. Vacuum motor for operating a pump. 2,125,463; Aug. 2.
S K F Industries, Inc. (See Palmgren, Per G., assignor.)
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Printing roll. 2,125,817; Aug. 2.
Safway Steel Scaffold Co. of America, The. (See Uecker, R. A., Rambo, and Beatty, assignors.)
Safway Steel Scaffolds Co. of America. (See Uecker, R. A., Rambo, and Simpson, assignors.)
Salfishberg, Leroy L., South Orange, assignor to Ivers Lee Company, Newark, N. J. Powder dispensing unit. 2,125,318; Aug. 2.
Salzmann, Leo. (See Kessler, G. A., and Salzmann.)
Sattig, Philipp, Mannheim, Germany. Double layer cardboard roof. 2,125,694; Aug. 2.
Saulnier, Raymond, Paris, France. Liquid cooling device for aircraft engines. 2,125,751; Aug. 2.
Saulnier, Raymond, Paris, France. Removable roof for the cockpits of aircraft. 2,125,752; Aug. 2.
Sayre, Gordon B., Syracuse, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Automatic controller for internal combustion engine starters. 2,125,399; Aug. 2.
Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Adjustable rod weeder point. 2,125,359; Aug. 2.
Schacht, William H., Painesdale, Mich. Hydraulic excavating device or booster. 2,125,740; Aug. 2.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Paper fastener. 2,125,464; Aug. 2.
Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Dough proofing machine. 2,125,654; Aug. 2.
Schlage Lock Company. (See Schlage, Walter R., assignor.)
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Latch bolt and retractor bar structure. 2,125,655; Aug. 2.
Schlumbohm, Peter, Paris, France. Illuminating rooms. 2,125,319; Aug. 2.
Schlumbohm, Peter, New York, N. Y. Container and making the same from foil. 2,125,620; Aug. 2.

Schumag Schumacher Metallwerke Aktiengesellschaft für Prazisionsmechanik. (See Thyssen, Conrad, assignor.)
Schmalz, Frank, Woodstock, Ontario, Canada. Vaginal syringe. 2,125,400; Aug. 2.
Schmidt, Hugo F., Milwaukee, Wis. Tractor. 2,125,522; Aug. 2.
Schmitt, Karl J., Chemnitz, Germany. Combing machine for wool, cotton, and the like. 2,125,360; Aug. 2.
Schneider, Fred E., Grand Junction, Colo. Fuel tank lock. 2,125,818; Aug. 2.
Schneider, Fred E., Grand Junction, Colo. Locking closure cap. 2,125,819; Aug. 2.
Schneider, Henry W., and L. O. Mankin, Toledo, Ohio, assignors to Libbey Glass Company. Tumbler feeding mechanism. 2,125,837; Aug. 2.
Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Producing halogenated sulphates and sulphonates. 2,125,656; Aug. 2.
Schwager, August C., and P. Frehner, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Automatic reclosing circuit breaker. 2,125,465; Aug. 2.
Schwärzler, Karl, Warnemunde, Germany. Safety device for aeroplanes. 2,125,361; Aug. 2.
Scott, Lewis L., St. Louis, Mo. Draft regulator and relief door. 2,125,466; Aug. 2.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting alkali metals with aromatic hydrocarbons. 2,125,401; Aug. 2.
Scovill Manufacturing Company. (See Johnston, Harold F., assignor.)
Scribner, Fred H., Easthampton, N. Y. Handkerchief holder. 2,125,362; Aug. 2.
Schroeder, Pauline. (See Hartley, H. J., and Schroeder.)
Seaman, Charles, Jamaica Estates, N. Y. Sewing machine. 2,125,652; Aug. 2.
Security Machine Products Company. (See Green, Edward A., assignor.)
Segar, Joe, Detroit, Mich. Message device. 2,125,320; Aug. 2.
Seguin, Lloyd, Merrill, Wis. Scraping tool. 2,125,653; Aug. 2.
Serpas, Ralph J., Minneapolis, Minn. Apparatus for continuously beating paper pulp. 2,125,820; Aug. 2.
Shaw-Walker Company, The. (See Hunt, George B., assignor.)
Sheetz, Jet D. (See Baker, Charles L., assignor.)
Sheldon, William R., and J. F. Meehan, Jr., assignors of one-fourth to said Meehan and three-fourths to A. Siegel, Brooklyn, N. Y. Nonrefillable bottle. 2,125,321; Aug. 2.
Shellmar Products Company. (See Dowling, Edward S., assignor.)
Shoe Form Co. (See de Witt, William J., assignor.)
Shuman, Ellsworth A. (See Shuman, Leo, assignor.)
Shuman, Leo, assignor to E. A. Shuman, Spokane, Wash. Sandwich cooker. 2,125,589; Aug. 2.
Sibley, Lucien M., Titusville, Pa. Container capping machine. 2,125,821; Aug. 2.
Siegel, Abraham, et al. (See Sheldon, W. R., and Meehan, assignors.)
Simas, Charles P., Taunton, Mass. Heating device for permanent waves. 2,125,402; Aug. 2.
Simpson, Eugene H. (See Uecker, R. A., Rambo, and Simpson.)
Sinclair, James A., Rollinsford, assignor to U. P. M.-Kidder Press Co., Inc., Dover, N. H. Printing press sheet delivery mechanism. 2,125,467; Aug. 2.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Radio tuning indicator. 2,125,468; Aug. 2.
Slutsky, Israel, New York, N. Y. Sign unit mounting. 2,125,403; Aug. 2.
Small, Guy W., assignor of fifty per cent to M. R. Workman, San Diego, Calif. Basketball signal apparatus. 2,125,822; Aug. 2.
Smallwood, George E., London, England. Toy vehicle. 2,125,590; Aug. 2.
Smidth, F. L., & Company. (See Ahlmann, Nikolai, assignor.)
Smith, Lewis V., Los Angeles, Calif. Construction for devices made of flexible transparent material. 2,125,523; Aug. 2.
Smith, Oscar R., Mansfield, Ohio. Bow and arrow construction. 2,125,591; Aug. 2.
Smith, S. Morgan, Company. (See Brisbane, Eugene C., assignor.)
Smith, Walter G. L., Los Angeles, Calif. Brake block construction. 2,125,524; Aug. 2.
Smithe, F. L., Machine Co. Inc. (See Novick, Abraham, assignor.)
Snead & Company. (See Macdonald, Angus S., assignor.)
Snyder, Ed., Westbrook, Minn. Castration device. 2,125,404; Aug. 2.
Societe Anonyme Adolphe Saurer. (See Wiget, Georg, assignor.)
Sommer, Albert, assignor to the firm "Straba" Strassenbaubedarfs-Aktiengesellschaft, Zurich, Switzerland. Process and apparatus for producing a pulverulent building material. 2,125,860; Aug. 2.
Sonneborn, L. Sons, Inc. (See Kessler, G. A., and Salzmann, assignors.)
Sonneborn, L. Sons, Inc. (See Murphy, Thomas G., assignor.)
Southern Cement Company. (See Parker, J. L., and Starns, assignors.)
Spänel, Abraham N., Rochester, N. Y. Form for making rubber articles. 2,125,592; Aug. 2.
Spencer, George P., New York, N. Y. Treating coal, coke, and the like. 2,125,753; Aug. 2.
Spencer, Rolf E. (See Bowman-Manifold, M., and Spencer.)
Spicer, William E. (See Sweeney, W. J., and Spicer.)
Stahl, Charles R. (See Knight, J. L., and Stahl.)
Standard Oil Development Company. (See Hawkins, Earl M., assignor.)
Standard Oil Development Company. (See Fulton, Stewart C., assignor.)
Standard Oil Development Company. (See Sweeney, W. J., and Spicer, assignors.)
Standley, Cleo R., Wheaton, assignor to R. Malcolm, Chicago, Ill. Helmet. 2,125,854; Aug. 2.
Stanford, Leland, Jr. (See Hanzlik, Paul J., assignor.)
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Stark, Joseph W., New York, N. Y., assignor to General Ribbon Mills, Inc., Catasauqua, Pa. Narrow fabric. 2,125,838; Aug. 2.
Starns, Clarence H. (See Parker, J. L., and Starns.)
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Drive establishing mechanism. 2,125,593; Aug. 2.
Staub, Edward E., and E. H. Wolfe, Detroit, Mich. Detachable shoe heel. 2,125,657; Aug. 2.
Steek, Samuel. (See Bleuel, W. H., and Steek.)
Steinbring, Edward F. (See Hall, D. C., and Steinbring.)
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Unit dispensing device. 2,125,754; Aug. 2.
Steiner Sales Company. (See Steiner, Frank G., assignor.)
Stewart-Warner Corporation. (See Whitted, John B., assignor.)
Stirn, Charles, Chicago, Ill. Cooking utensil. 2,125,741; Aug. 2.
Stoddard, Nicholas, Durham, N. C. Textile machine. 2,125,823; Aug. 2.
Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,125,695; Aug. 2.
"Straba" Strassenbaubedarfs-Aktiengesellschaft. (See Sommer, Albert, assignor.)
Strauch, Hugo, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Floor and wall covering material. 2,125,594; Aug. 2.
Stuart, Kimberly. (See Linderman, Garrett B., Jr., assignor.)
Stuckey, Gladys M., Manteca, Calif. Woman's undergarment. 2,125,744; Aug. 2.
Sullivan Machinery Company. (See Eplatt, Emanuel S., assignor.)
Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sundhauss, Herman O., assignor to J. L. Eisendrath, Jr., Chicago, Ill. Abrasive disk. 2,125,742; Aug. 2.
Surprise, Glenn M., Cedar Lake, Ind. Game apparatus. 2,125,696; Aug. 2.
Sutherland, Robert L. (See Lykken, H. G., and Sutherland.)
Svenson, Ernest J., Rockford, assignor to Petrolator Corporation, Chicago, Ill. Computing dispensing device. 2,125,322; Aug. 2.
Sweeney, William J., and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Catalyst and process for hydrogen production. 2,125,743; Aug. 2.
Swingle, Wayne T., and L. P. Buckley, Hastings, Nebr. Centrifugal blower wheel. 2,125,697; Aug. 2.
Takats, Zoltan. (See Pratt, V. E., and Takats.)
Tanning Process Company, The. (See Merritt, Matthew M., assignor.)
Tarwater Corporation, The. (See Tarwater, Lawson, assignor.)
Tarwater, Lawson, assignor to The Tarwater Corporation, Los Angeles, Calif. Nut lock construction. 2,125,323; Aug. 2.
Taylor, Arthur K., assignor to The United States Printing and Lithograph Company, Baltimore, Md. Bronzer. 2,125,472; Aug. 2.
Tebo, William A., Anthony, R. I. Shuttle. 2,125,405; Aug. 2.
Tellegen, Bernardus D. H. (See Henriquez, V. C., and Tellegen.)
Tenbrook, John, Sepulveda, Calif. Gopher trap. 2,125,595; Aug. 2.
Tetly, Edward, Medora, N. Dak. Pliers. 2,125,406; Aug. 2.
Texas Company, The. (See de Florez, Luis, assignor.)
Textile Machine Works. (See Bitzer, Gottlob, assignor.)
Thommen, Hans, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric circuit breaker. 2,125,525; Aug. 2.
Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Wind-up for wire cloth looms. 2,125,824; Aug. 2.
Thomssen, Hans. (See Hochschwender, E., and Thomssen.)

Thyssen, Conrad, Aachen, assignor to Schumag Schumacher Metallwerke Aktiengesellschaft für Prazisionsmechanik, Aachen, Prussia, Germany. Surface treating section metal. 2,125,825; Aug. 2.
Tobias, Werner, Berlin, assignor to Olympia Büromaschinenwerke Aktiengesellschaft, Erfurt, Germany. Typewriter. 2,125,826; Aug. 2.
Torgerson, Joseph L., Milwaukee, Wis. Saw filing machine. 2,125,755; Aug. 2.
Trager, Leon, Newark, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Valve mechanism for compound meters. 2,125,596; Aug. 2.
Trimbath, Samuel, Kalamazoo, Mich., assignor, by mesne assignments, to Willys-Overland Motors, Inc. Power transmission mechanism. 2,125,526; Aug. 2.
Tsuneda, Kenjiro, Kyoto, Japan. Variable compression ratio internal combustion engine. 2,125,407; Aug. 2.
Tube Products Limited. (See Norton, Albert, assignor.)
Turkington, Victor H., Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y. Coating articles. 2,125,827; Aug. 2.
Turner, George K., Eagle Nest, N. Mex. Mount for telescopic rifle sights. 2,125,828; Aug. 2.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for weft replenishing looms. 2,125,658; Aug. 2.
Twin Disc Clutch Company. (See Dunkelow, Henry J., assignor.)
Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Acme Steel Company, Chicago, Ill. Band strapping machine. 2,125,528; Aug. 2.
Tyce, George C., Norton-on-Tees, and V. Lefebure, London, England, assignors to Imperial Chemical Industries Limited. Coating of absorbent materials. 2,125,527; Aug. 2.
U. P. M.-Kidder Press Co. (See Sinclair, James A., assignor.)
Uecker, Reinhold A., and I. G. Rambo, Milwaukee, and E. H. Simpson, West Allis, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del. Scaffold ladder. 2,125,829; Aug. 2.
Uecker, Reinhold A., I. G. Rambo, and D. E. Beatty, Wauwatosa, Wis., assignors to The Safway Steel Scaffold Co. of America, Wilmington, Del. Scaffold bracket. 2,125,830; Aug. 2.
Ufer, Hanns. (See Reppe, W., Ufer, and Kuehn.)
Ulbricht, Otto, Birkwitz-on-the-Elbe, Germany. Separable fastener. 2,125,698; Aug. 2.
Ullgren, Johan D., Stocksund, assignor to Ruthsaccumulators Nordiska Aktiebolag, Stockholm, Sweden. Apparatus for barking logs. 2,125,529; Aug. 2.
Ulrich, Charles B., Jamestown, N. Y. Mineral trap. 2,125,469; Aug. 2.
Underpinning & Foundation Co. (See Raisch, William, assignor.)
"Unichem" Chemikalien Handels A.-G. (See Schrauth, Walther, assignor.)
United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
United Research Corporation. (See Farrand, Clair L., assignor.)
United Research Corporation. (See Mueller, William A., assignor.)
United Shoe Machinery Corporation, The. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Lawson, Robert H., assignor.)
U. S. Industrial Alcohol Company. (See Carter, Ray M., assignor.)
United States of America, represented by the Secretary of War, Government of the. (See Peterson, Ben L., assignor.)
United States Printing and Lithograph Company. (See Taylor, Arthur K., assignor.)
United States Rubber Products, Inc. (See Anderson, C., Baehr, Gay, and Manville, assignors.)
Universal Chain Co. (See Weinacker, Hermann, assignors.)
Universal Oil Products Company. (See Angell, Charles H., assignor.)
Universal Oil Products Company. (See Heid, Jacob B., assignor.)
Updike, Sherman H., Baltimore, Md. Grave marker. 2,125,699; Aug. 2.
Urfer, Adolf, New Rochelle, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Engine synchronism indicator. 2,125,408; Aug. 2.
Urfer, Adolf, Yonkers, assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Engine synchronizer and tachometer. 2,125,409; Aug. 2.
Ushakoff, Alexis E. (See Johnson, J. W., Van Roosen, Ushakoff, and Brophy.)
Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,125,756; Aug. 2.
Van Norman Machine Tool Company. (See Healy, Francis P., assignor.)
Van Roosen, Hugo. (See Johnson, J. W., Van Roosen, Ushakoff, and Brophy.)
Vaughan, Victor G., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Gas burner control system. 2,125,473; Aug. 2.
Vehko, James. (See Westrope, F. J., and Vehko, assignors.)
Verdier, Paul, San Francisco, Calif. Hosiery calculator. 2,125,530; Aug. 2.
Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Disk drive for journal bearings. 2,125,757; Aug. 2.
Visura Treuhand Gesellschaft. (See Gutzeit, Grégoire, assignor.)
Voekell, Henry E., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Roof and wall covering. 2,125,363; Aug. 2.
Vökel, Leopold, Blankensee, assignor to C. H. F. Muller Aktiengesellschaft, Hamburg, Germany. High tension discharge vessel. 2,125,700; Aug. 2.
Von Gleeche's, Georg Erben. (See Ostermann, Friedrich, assignor.)
W-B Chemical Company. (See Wilson, Ernest D., assignor.)
Wachs, Theodore, Evanston, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Power developing apparatus and method of operating the same. 2,125,474; Aug. 2.
Walco, Incorporated. (See Foster, William H., assignor.)
Waldron, Frederick A., Westfield, N. J. Apparatus for drying and impregnating. 2,125,364; Aug. 2.
Waller, Fred., Huntington, N. Y. Anemometer. 2,125,365; Aug. 2.
Walsh, William H., Philadelphia, Pa. Pile fabric and making the same. 2,125,745; Aug. 2.
Ward, James W., Pittsburgh, Pa. Bookbinding. 2,125,659; Aug. 2.
Ware, William B., Memphis, Tenn. Packing for hydraulic presses. 2,125,701; Aug. 2.
Wasson, John E., Roxbury, and V. J. Bean, Newton Highlands, assignors to Emerson Apparatus Company, Melrose Highlands, Mass. Steam heating system. 2,125,839; Aug. 2.
Waters, Harry F., New York, N. Y. Machine for manufacturing bags. 2,125,758; Aug. 2.
Watson, Frank L., Walled Lake, Mich. Brake actuating trailer coupling. 2,125,702; Aug. 2.
Weeks, Paul, Washington, D. C., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,125,531; Aug. 2.
Weigele, John W., and M. Caminetz, Brooklyn, N. Y. Street and road sign. 2,125,475; Aug. 2.
Weinacker, Hermann, assignor to Universal Chain Co., Inc., Maplewood, N. J. Metalworking machine. 2,125,759; Aug. 2.
Weir, George D., Caulfield, Victoria, Australia. Apparatus for molding, blocking, or otherwise shaping materials, hats, or articles. 2,125,760; Aug. 2.
Wells, Herbert J. C., Jackson Heights, N. Y. Continuous flow strainer. 2,125,532; Aug. 2.
West, George L., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheney County, Pa. Double glass wall construction. 2,125,410; Aug. 2.
Western Union Telegraph Company, The. (See Fluharty, William G., assignor.)
Western Union Telegraph Company, The. (See Wise, Raleigh J., assignor.)
Westfall, Francis W. (See Winegarden, H. M., Westfall, Hawes, and Wood.)
Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)
Westinghouse Electric & Manufacturing Co. (See Kalischer, Milton, assignor.)
Westinghouse Electric & Manufacturing Company. (See MacNeill, J. B., and Hill, assignors.)
Westrope, Fred J., and A. Person, Detroit, Mich., assignors to The Murray Corporation of America. Cowl construction. 2,125,476; Aug. 2.
Westrope, Fred J., and J. Vehko, Detroit, Mich., assignors to The Murray Corporation of America. Deck door. 2,125,761; Aug. 2.
Whalen, John N., Boylston, assignor to Morgan Construction Company, Worcester, Mass. Strip reel. 2,125,660; Aug. 2.
Wheeler, Charles E., assignor of twenty-five per cent to M. L. Gehres, and twenty-five per cent to B. S. Cromer, Casper, Wyo. Oil or gas well snuffer. 2,125,762; Aug. 2.
White, Eric L. C., Hillingdon, and E. C. Cork, Worcester Park, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. High frequency transmission system. 2,125,597; Aug. 2.
Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Hose coupling. 2,125,477; Aug. 2.
Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper connection. 2,125,478; Aug. 2.
Wiget, Georg, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Filling-changing mechanism for looms. 2,125,470; Aug. 2.
Wiesmann, Joseph W. (See Young, J. H., and Wiesmann.)
Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
Williams, Jack L. (See Chamberlain, L. C., and Williams.)
Williams, John G., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Exhaust manifold. 2,125,703; Aug. 2.
Williams, Karl D., and H. W. Hiemke, Washington, D. C. Method of and coupling for pressure pipes. 2,125,324; Aug. 2.
Willys-Overland Motors, Inc. (See Trimbath, Samuel, assignor.)
Wilson, Ernest D., Larchmont, assignor to W-B Chemical Company, New York, N. Y. Cleaning composition. 2,125,411; Aug. 2.

Wilson, Lee Sales Corporation. (See Woodson, James C., assignor.)
Winegarden, Howard M., Oakland, and F. W. Westfall, R. C. Hawes, and F. W. Wood, assignors to The Cutter Laboratory, Berkeley, Calif. Biologicals. 2,125,533; Aug. 2.
Winthrop Chemical Company. (See Lautenschläger, C. L., and Ludwig, assignors.)
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatic duplex balance corrector. 2,125,704; Aug. 2.
Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Radius gauge for automobiles. 2,125,534; Aug. 2.
Wolfe, Ernest H. (See Staub, E. E., and Wolfe.)
Wood, Fred W. (See Winegarden, H. M., Westfall, Hawes, and Wood.)
Wood, Gar, Industries, Inc. (See Allin, George S., assignor.)
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Annealing furnace. 2,125,661; Aug. 2.
Woodward, Willoughby, New York, N. Y. Automatic fender light. 2,125,746; Aug. 2.
Woodworth, Charles B., Port Dickinson, N. Y. Tire chain. 2,125,705; Aug. 2.
Work, Ernest W., Toronto, Ontario, Canada, assignor to The Beaton & Cadwell Manufacturing Company, New Britain, Conn. Radiator air valve. 2,125,662; Aug. 2.
Workman, Myrtle R. (See Small, Guy W., assignor.)
Worthington Pump and Machinery Corporation. (See Holveck, Joseph E., assignor.)
Worthington Pump and Machinery Corporation. (See Trager, Leon, assignor.)
Wuensch, Charles E., Joplin, Mo., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del. Classifier. 2,125,663; Aug. 2.
Wuensch Hetero Concentration Process Company. (See Wuensch, Charles E., assignor.)
Wupper, Benjamin F., Park Ridge, and J. A. Davis, Highland Park, assignors, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,125,706; Aug. 2.
Wrigley, Wm., Jr., Company. (See Jacques, Marjorie E., assignor.)
Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
Yeomans, Lucien I., Inc. (See Wachs, Theodore, assignor.)
Yoakum, Guy D., Sturgeon Bay, Wis. Tire chain. 2,125,598; Aug. 2.
Youker, Malcolm P., Tulsa, assignor to Phillips Petroleum Company, Bartlesville, Okla. Vacuum distillation process. 2,125,325; Aug. 2.
Young, James H., and J. W. Wiesmann, assignors to H. H. Robertson Company, Pittsburgh, Pa. Cross-over duct for multicellular structures. 2,125,366; Aug. 2.
Young, L. A. (See Oldham, John M., assignor.)
Zadek, Milton, assignor to Reflector Hardware Corporation, Chicago, Ill. Holder for partitions and the like. 2,125,747; Aug. 2.
Zagelmeyer, Frank, Bay City, Mich. Coupling. 2,125,479; Aug. 2.
Zimmermann, Effie, et al. (See O'Brien, Lawrence, assignor.)
Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Engine-tender buffer mechanism. 2,125,326; Aug. 2.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 2D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading roll. W. J. Maddox. Re. 20,817; Aug. 2.
Hangers, Manufacture of coat. W. Backer. Re. 20,814; Aug. 2.
Phonograph playing machine, Selective. P. H. Smyth, Jr. Re. 20,818; Aug. 2.
Recording device for liquid dispensing apparatus. W. M. Carroll. Re. 20,815; Aug. 2.
Vault or receptacle, Self-sealing. W. W. Haase. Re. 20,816; Aug. 2.
Wiper. D. C. Abdelnour. Re. 20,813; Aug. 2.

LIST OF DESIGN INVENTIONS

Ashtray. J. D. Cannon. 110,689; Aug. 2.
Badge. H. C. Townsend. 110,759; Aug. 2.
Balancing attachment for a pistol. R. S. Havourd. 110,697; Aug. 2.
Base or similar article, Signboard. C. F. Smith. 110,737; Aug. 2.
Buckle. W. O. Cagney. 110,746; Aug. 2.
Bottle. A. E. Repenning. 110,731; Aug. 2.
Bottle. G. Smith, Jr. 110,711; Aug. 2.
Bottle or similar container, Paper. L. B. Koch. 110,705; Aug. 2.
Box, Shirt. H. Wolf. 110,742; Aug. 2.
Bracket or similar article, Antenna supporting. J. L. Gilmore. 110,748; Aug. 2.
Bridge for an ophthalmic mounting. E. M. Splaine. 110,739; Aug. 2.
Bumper or similar article, Vehicle. H. S. Jandus. 110,698–704; Aug. 2.
Cabinet, Beverage cooler. E. Worthington. 110,743; Aug. 2.
Cabinet, Radio. R. C. Marholz. 110,707; Aug. 2.
Case, Bottle carrying. R. E. Dudley. 110,691; Aug. 2.
Case, Sewing set. G. R. Graff. 110,766; Aug. 2.
Casing, Parking meter. S. L. Miller. 110,754; Aug. 2.
Coat. M. L. Romer. 110,755–6; Aug. 2.
Coat. M. P. Sonberg. 110,757; Apr. 2.
Coat. J. Steinberg. 110,758; Aug. 2.
Cuff link or similar article. H. De Bernard. 110,715; Aug. 2.
Desk or similar article. M. Hanson. 110,696; Aug. 2.
Dial and hands for a clock or similar article, Combined. W. W. Scotten. 110,736; Aug. 2.
Dress. T. Coleman. 110,764; Aug. 2.
Dress. T. Coleman. 110,772; Aug. 2.
Dress. L. Decker. 110,765; Aug. 2.
Dress. J. M. Sterngold. 110,784; Aug. 2.
Dress. J. Tuman. 110,768; Aug. 2.
Dress. J. Tuman. 110,785; Aug. 2.
Dress. A. Waxberg. 110,769; Aug. 2.
Dress ensemble. S. Chapman. 110,763; Aug. 2.
Dresser chest or similar article. M. Hanson. 110,695; Aug. 2.
Dresser or similar article. M. Hanson. 110,694; Aug. 2.
Educational device. L. O. Hilder. 110,721; Aug. 2.
Fabric, Corduroy. J. Leventhal. 110,767; Aug. 2.
Fabric, Corduroy. J. Leventhal. 110,781; Aug. 2.
Fabric or similar article, Textile. J. Heim. 110,777–80; Aug. 2.
Fabric or similar article, Textile. L. Franklin. 110,786; Aug. 2.
Fabric, Textile. H. M. Goldman. 110,773–5; Aug. 2.
Fabric, Textile. H. M. Goldman. 110,787–9; Aug. 2.
Fabric, Textile. M. Mey. 110,776; Aug. 2.
Fabric, Textile. M. Mey. 110,782–3; Aug. 2.
Game apparatus. B. Wiest. 110,741; Aug. 2.
Game board. D. L. Alger. 110,770; Aug. 2.
Game board. M. Nable and P. Reiss. 110,730; Aug. 2.
Game device, Ball. J. E. Craddock. 110,714; Aug. 2.
Globe or shade for lighting fixture. C. E. Waltman. 110,760; Aug. 2.
Goblet or similar article. R. R. Kostellow. 110,723; Aug. 2.
Headlight testing instrument or similar article. C. W. MacMillan. 110,727; Aug. 2.
Knife. L. M. Edwards. 110,717; Aug. 2.
Leg for an article of furniture. H. Padwa. 110,709; Aug. 2.
Lighting fixture, Electric. G. E. MacFadden. 110,725–6; Aug. 2.
Link unit for fruit grading aprons or the like. F. B. Fuller, A. R. Adams, and C. P. Le Frois. 110,719; Aug. 2.
Measuring instrument. W. E. Harris. 110,720; Aug. 2.
Mold or similar article, Waffle. J. J. Gough. 110,693; Aug. 2.
Molding strip unit, Corner. C. D. Lowry. 110,751–3; Aug. 2.
Musical instrument, Stringed. J. W. Knopp. 110,706; Aug. 2.
Plate or similar article. E. C. Styskel. 110,712; Aug. 2.
Rack for farm and garden tools, Display. E. Durell. 110,692; Aug. 2.
Radiator front. F. M. Young. 110,761; Aug. 2.
Saw frame, Scroll. A. Haas. 110,749; Aug. 2.
Seat or similar article, Stool. K. A. Nelson. 110,708; Aug. 2.
Sequin-embroidered appliqué. B. S. Bergman. 110,771; Aug. 2.
Shoe. W. Ebling. 110,716; Aug. 2.
Shoe. D. Levin. 110,724; Aug. 2.
Shoe. R. F. Rossi. 110,734; Aug. 2.
Shoe, Embroidered perforated fabric. H. E. McMahon, B. J. Riley, and M. J. Prandy. 110,728; Aug. 2.
Shoe or similar article. C. I. Rockmore. 110,732; Aug. 2.
Shrine, Illuminated. L. Alter. 110,745; Aug. 2.
Skate, Roller. A. F. Kaptuller. 110,722; Aug. 2.
Stand and remote radio control, Combination lamp. G. H. Weiner. 110,713; Aug. 2.
Stove, Cooking. H. T. Burrow. 110,762; Aug. 2.
Submarine. S. T. Rogers. 110,733; Aug. 2.
Table and smoking stand, Combination. J. A. Phillips. 110,710; Aug. 2.
Tool, Hammering. M. Rubel. 110,735; Aug. 2.
Toy figure. B. Young. 110,744; Aug. 2.
Toy, Musical. S. Weiss. 110,740; Aug. 2.
Toy, Paper burster. O. A. Langos. 110,750; Aug. 2.
Transformer, Ignition. J. G. Sola. 110,738; Aug. 2.
Tray and beverage container holder, Combined. J. D. de Benque. 110,690; Aug. 2.
Trigger guard and finger grip for firearms, Combined. I. O. Mossberg. 110,729; Aug. 2.
Truck body for milking machine or the like. R. G. Ferris. 110,718; Aug. 2.
Velocipede. C. E. Garton. 110,747; Aug. 2.

LIST OF INVENTIONS

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Acid, Purification of lactic. A. D. McCallum. 2,125,383; Aug. 2.
Acids, Preparing substantially pure free mahogany sulphonic. G. A. Kessler and L. Salzmann. 2,125,300; Aug. 2.
Air, Apparatus for conditioning. E. S. Pearce. 2,125,581; Aug. 2.
Air conditioning apparatus. M. Kalischer. 2,125,727; Aug. 2.
Air conditioning systems. C. W. Nessell. 2,125,646; Aug. 2.
Airfoil. W. K. Rose. 2,125,738; Aug. 2.
Alcohol, Manufacture of aromatic. H. S. Davis. 2,125,490; Aug. 2.
Alkali metals with aromatic hydrocarbons, Reacting. N. D. Scott. 2,125,401; Aug. 2.
Alkaline surfaces, Coating. P. L. Magill. 2,125,386; Aug. 2.
Alloy. A. R. MacGregor. 2,125,680; Aug. 2.
Alloy and manufacturers. V. N. Krivobok. 2,125,299; Aug. 2.
Anchor, Seat spring cover. J. M. Oldham. 2,125,519; Aug. 2.
Anemometer. F. Waller. 2,125,365; Aug. 2.
Annealing furnace. J. C. Woodson. 2,125,661; Aug. 2.
Antenna. C. A. Nickle. 2,125,804; Aug. 2.
Antifroth discharging means for centrifugal separators. H. O. Lindgren. 2,125,453; Aug. 2.
Antisyphilitic preparation and process of manufacture. P. J. Hanzlik. 2,125,561; Aug. 2.
Apparatus for drying and impregnating. F. A. Waldron. 2,125,364; Aug. 2.
Articles, Assembling. J. Peyser. 2,125,357; Aug. 2.
Articles, Coating. V. H. Turkington. 2,125,827; Aug. 2.
Articles of copper-zinc alloys, Bright-pickling. F. Ostermann. 2,125,458; Aug. 2.
Atomizer. I. D. Kelley, Jr. 2,125,573; Aug. 2.
Attenuator. P. J. Herbst, R. H. Heacock, and P. G. Bindloss. 2,125,612; Aug. 2.
Automobile construction. J. Haltenberger. 2,125,441; Aug. 2.
B-halogenated vinyl ketones. J. Nelles and O. Bayer. 2,125,393; Aug. 2.
Backfire release for internal combustion engines. M. P. Ferguson. 2,125,370; Aug. 2.
Bag making machine. A. Novick. 2,125,307; Aug. 2.
Bags, Manufacture of satchel bottom. A. Novick. 2,125,306; Aug. 2.
Bailer bottom. B. W. McCune. 2,125,643; Aug. 2.
Balance corrector, Automatic duplex. R. J. Wise. 2,125,704; Aug. 2.
Band strapping machine. H. E. Twomley. 2,125,528; Aug. 2.
Bar. Z. A. Petty. 2,125,807; Aug. 2.
Barrier, Safety. S. L. McRoberts. 2,125,303; Aug. 2.
Batteries, Apparatus for testing. K. S. Brooks and L. G. Henel. 2,125,840; Aug. 2.
Battery connecter. L. O'Brien. 2,125,579; Aug. 2.
Battery terminal connecter. H. A. Recen. 2,125,521; Aug. 2.
Beam hanger. C. L. Beckard. 2,125,861; Aug. 2.
Beam, sheet metal. E. J. W. Ragsdale and A. G. Dean. 2,125,691; Aug. 2.
Beam structure. E. J. W. Ragsdale and A. G. Dean. 2,125,692; Aug. 2.
Bearing: *See*—
Roller bearing.
Bearing. W. T. Hurtt. 2,125,446; Aug. 2.
Beverage dispensing device. M. Kessler and J. Hader. 2,125,614; Aug. 2.
Bimetallic elements, Making compound. S. R. Hood and C. F. Alban. 2,125,858; Aug. 2.
Biologicals. H. M. Winegarden, F. W. Westfall, R. C. Hawes, and F. W. Wood. 2,125,533; Aug. 2.
Bit casting means, method, and article. E. J. Bursell. 2,125,332; Aug. 2.
Bodies, Apparatus for the projection of molten pulverized. F. P. C. Benoit. 2,125,764; Aug. 2.
Bookbinding. J. W. Ward. 2,125,659; Aug. 2.
Bottle and like containers, Nonrefillable. C. W. Johnson. 2,125,790; Aug. 2.
Bottle breaker. S. Rosen. 2,125,651; Aug. 2.
Bottle, Nonrefillable. W. R. Sheldon and J. F. Meehan, Jr. 2,125,321; Aug. 2.
Bottle, Paper milk. C. L. Baker. 2,125,417; Aug. 2.
Bow and arrow construction. O. R. Smith. 2,125,591; Aug. 2.
Box: *See*—
Display box.
Box. W. J. De Witt. 2,125,856; Aug. 2.
Box section beam. E. J. W. Ragsdale and A. G. Dean. 2,125,690; Aug. 2.
Boxes, Method of and machine for manufacturing. P. W. Dietmann. 2,125,430; Aug. 2.
Bracelet and knitting yarn holder, Combination. A. M. Bekan. 2,125,267; Aug. 2.
Bracket: *See*—
Orthodontia bracket. Scaffold bracket.
Bracket for releaser milker systems. F. G. Hodsdon. 2,125,344; Aug. 2.
Brake: *See*—
Hydraulic brake.
Brake block construction. W. G. L. Smith. 2,125,524; Aug. 2.
Breechette. S. A. Kolliner. 2,125,451; Aug. 2.
Broiler, Frankfurter. S. Nelson. 2,125,471; Aug. 2.
Bronzer. A. K. Taylor. 2,125,472; Aug. 2.
Buffer mechanism, Engine-tender. G. H. Zouck. 2,125,326; Aug. 2.
Building construction. J. Fletcher. 2,125,286; Aug. 2.
Bulldozer. G. S. Allin. 2,125,481; Aug. 2.
Burner: *See*—
Gas burner.
Burner control system, Gas. V. G. Vaughan. 2,125,473; Aug. 2.
Cabinet: *See*—
Cooling cabinet. Typewriter cabinet.
Toweling dispensing cabinet.
Cabinet and receptacle forming a part thereof, Filing. E. S. Roscoe. 2,125,813; Aug. 2.
Calculator, Hosiery. P. Verdier. 2,125,530; Aug. 2.
Camera for multi-photography, Photographic. J. P. Hansen. 2,125,560; Aug. 2.
Camera, Photographic. A. S. Howell. 2,125,567; Aug. 2.
Camera with built-in developing device, Photographic. P. Baumgarten. 2,125,536; Aug. 2.
Cap: *See*—
Closure cap. Vehicle hub cap.
Milk bottle cap.
Carton, Collapsible filled. D. Levkoff. 2,125,730; Aug. 2.
Cash register. C. W. Green. 2,125,438; Aug. 2.
Casing repair. T. W. Mullen. 2,125,578; Aug. 2.
Caster. W. F. Herold. 2,125,292; Aug. 2.
Castration device. E. Snyder. 2,125,404; Aug. 2.
Catalyst and process for hydrogen production. W. J. Sweeney and W. E. Spicer. 2,125,743; Aug. 2.
Cement manufacture. N. Ahlmann. 2,125,263; Aug. 2.
Cementitious substance from blast furnace slag, Manufacturing. J. L. Parker and C. H. Starns. 2,125,520; Aug. 2.
Centrifugal blower wheel. W. T. Swingle and L. P. Buckley. 2,125,697; Aug. 2.
Chain: *See*—
Cutter chain. Tire chain.
Changeable sign. L. C. Loy. 2,125,576; Aug. 2.
Chlorinated compounds, Stabilization of. A. A. Levine and O. W. Cass. 2,125,381; Aug. 2.
Cigarette forming device. H. R. Lytle. 2,125,351; Aug. 2.
Circuit breaker. J. B. MacNeill and A. W. Hill. 2,125,835; Aug. 2.
Circuit breaker, Automatic reclosing. A. C. Schwager and P. Frehner. 2,125,465; Aug. 2.
Circuit for photosensitive devices, Polarizing and output. C. L. Farrand. 2,125,273; Aug. 2.
Circuits for arc-back suppression. G. F. Metcalf. 2,125,799; Aug. 2.
Clamping ring. J. R. Proctor. 2,125,808; Aug. 2.
Classifier. C. E. Wuensch. 2,125,663; Aug. 2.
Cleaner: *See*—
Vacuum cleaner.
Cleaning composition. E. D. Wilson. 2,125,411; Aug. 2.
Clippers, Duplex. G. Kotzin. 2,125,575; Aug. 2.
Clock device, Foldable. H. Lathrop. 2,125,294; Aug. 2.
Clockwork movement. J. Hubert. 2,125,638; Aug. 2.
Closure cap, Locking. F. E. Schneider. 2,125,819; Aug. 2.
Closure for bottles, jars, and like containers. C. W. Johnson. 2,125,788; Aug. 2.
Cloth reel. G. M. G. Makin. 2,125,796; Aug. 2.
Clothespin, Wire. S. Istre. 2,125,787; Aug. 2.
Clutch control mechanism. F. Kritz. 2,125,505; Aug. 2.
Clutch device, slip. W. C. Conover. 2,125,270; Aug. 2.
Clutch mechanism. H. J. Dunkelow. 2,125,433; Aug. 2.
Coal, coke, and the like, Treating. G. P. Spencer. 2,125,753; Aug. 2.
Coating, Protective. M. W. Mason. 2,125,387; Aug. 2.

Coin controlled device. B. Radtke and C. R. Kirk. 2,125,689; Aug. 2.
Column containing filler bodies. E. Hochschwender and H. Thomssen. 2,125,343; Aug. 2.
Combing machine for wool, cotton, and the like. K. J. Schmitt. 2,125,360; Aug. 2.
Combination lock. L. Fuchs. 2,125,607; Aug. 2.
Commodity accommodation and vending rack. S. N. Goldman. 2,125,557; Aug. 2.
Computing dispensing device. E. J. Svenson. 2,125,322; Aug. 2.
Condensers, Impregnating electric. W. F. Arnold. 2,125,413; Aug. 2.
Conductor covering, method and compound for treatment thereof. J. W. Olson. 2,125,836; Aug. 2.
Connecter: *See*—
Battery connecter. Electric connecter.
Battery terminal connecter. Electrical connecter.
Connecting device. D. E. Olshevsky. 2,125,396; Aug. 2.
Connection, Threadless tube. P. Feldhoff. 2,125,552; Aug. 2.
Connection, Windshield wiper. J. B. Whitted. 2,125,478; Aug. 2.
Construction for devices made of flexible transparent material. L. V. Smith. 2,125,523; Aug. 2.
Contact member for electrical connections. C. H. Reynolds. 2,125,816; Aug. 2.
Container: *See*—
Sifting and measuring container.
Container. J. W. Gallo. 2,125,629; Aug. 2.
Container. J. Golisano. 2,125,716; Aug. 2.
Container. A. J. Meier. 2,125,354; Aug. 2.
Container and making the same from foil. P. Schlumbohm. 2,125,620; Aug. 2.
Container capping machine. L. M. Sibley. 2,125,821; Aug. 2.
Container for electrolytic condensers. A. M. Georgiev. 2,125,373; Aug. 2.
Container for tubes and bulbs. W. A. Ringler. 2,125,312–3; Aug. 2.
Control system. B. W. Jones. 2,125,792; Aug. 2.
Controller for internal combustion engine starters, Automatic. G. B. Sayre. 2,125,399; Aug. 2.
Cooker, Sandwich. L. Shuman. 2,125,589; Aug. 2.
Cooler and fitting, Beverage. G. Kuchenmeister. 2,125,677; Aug. 2.
Cooling cabinet. F. W. and C. L. Holderle. 2,125,444; Aug. 2.
Cooling device for aircraft engines, Liquid. R. Saulnier. 2,125,751; Aug. 2.
Copper flashing, Crimped. A. Cheney. 2,125,841; Aug. 2.
Cord, Making tire. P. E. Harrison. 2,125,633; Aug. 2.
Core for molding battery containers, Steam heated. R. J. Rote and S. W. Britton. 2,125,814; Aug. 2.
Corrugations, Forming. C. de Ganahl. 2,125,427; Aug. 2.
Coupling: *See*—
Hose coupling. Trailer coupling.
Pipe coupling
Coupling. F. Zagelmeyer. 2,125,479; Aug. 2.
Coupling for shafting, Flexible. J. W. Kittredge. 2,125,615; Aug. 2.
Coupling for the transmission of power or movement. W. W. Hamill. 2,125,559; Aug. 2.
Covering, Roof and wall. H. E. Voegeli. 2,125,363; Aug. 2.
Cowl construction. F. J. Westrope and A. Person. 2,125,476; Aug. 2.
Crusher frame. G. Buchanan. 2,125,666; Aug. 2.
Cup making machine. A. F. Miller. 2,125,848; Aug. 2.
Cushion, Padded spring. O. M. Burton. 2,125,621; Aug. 2.
Cutter chain. J. F. Joy. 2,125,296; Aug. 2.
Cutter relieving means for shaping machines. E. W. Miller. 2,125,304; Aug. 2.
Cyanide manufacture. H. J. Hosking. 2,125,377; Aug. 2.
Deck door. F. J. Westrope and J. Vehko. 2,125,761; Aug. 2.
Dental device. J. B. Puckett. 2,125,809; Aug. 2.
Desk, Revolving retouching. H. Hjort. 2,125,613; Aug. 2.
Detonator for example, blasting detonator. L. Rubenstein. 2,125,462; Aug. 2.
Device for applying closure bottoms to tubular containers. C. L. Baker. 2,125,416; Aug. 2.
Device for applying closure mouths to bottle bodies. C. L. Baker. 2,125,415; Aug. 2.
Device for extinguishing the flame and deadening the noise of the exhaust gases in internal combustion engines. F. Boysen. 2,125,712; Aug. 2.
Device for machine tools, Adjusting. E. Rotzoll. 2,125,584; Aug. 2.
Device for use on cooking ranges. R. J. Merritt. 2,125,514; Aug. 2.
Diazobiguanidines. H. Z. Lecher. 2,125,509; Aug. 2.
Die. B. W. Freeman. 2,125,494; Aug. 2.
Disk, Abrasive. H. O. Sundhauss. 2,125,742; Aug. 2.
Dispenser. H. F. Johnston. 2,125,572; Aug. 2.
Dispensing device. E. A. Gay. 2,125,288; Aug. 2.
Display box. M. E. Jaques. 2,125,725; Aug. 2.
Display box. J. L. Larkin. 2,125,845; Aug. 2.
Display device. C. J. Bacon. 2,125,710; Aug. 2.
Display device. J. R. Boyer. 2,125,268; Aug. 2.
Distributor plate for steam blast stokers. W. T. Hanna. 2,125,289; Aug. 2.
Doll's eye. M. de Cesare. 2,125,426; Aug. 2.
Door: *See*—
Deck door.
Door handle. H. H. Heeman. 2,125,783; Aug. 2.
Dough proofing machine. S. Schiff. 2,125,654; Aug. 2.
Draft regulator and relief door. L. L. Scott. 2,125,466; Aug. 2.
Drill: *See*—
Rock drill.
Drive employing herringbone gears, Vehicle motor. J. S. McWhirter. 2,125,456; Aug. 2.
Drive establishing mechanism. O. L. Starr. 2,125,593; Aug. 2.
Drive for journal bearings, Disk. A. Vigne. 2,125,757; Aug. 2.
Drum head clamping ring, Full removable. R. Campbell and J. R. Proctor. 2,125,767; Aug. 2.
Duct for multicellular structures, Cross over. J. H. Young and J. W. Wiesmann. 2,125,366; Aug. 2.
Duplex balance indicator. W. G. Fluharty. 2,125,670; Aug. 2.
Dyestuff, Azo. D. Delfs and O. Bayer. 2,125,625; Aug. 2.
Dynamo-electric machine. E. P. Oswald. 2,125,309; Aug. 2.
Electric arc lamp. C. T. Crocker. 2,125,769; Aug. 2.
Electric circuit breaker. H. Thommen. 2,125,525; Aug. 2.
Electric connecter. M. Alden. 2,125,708; Aug. 2.
Electric furnace. R. R. Ridgway. 2,125,588; Aug. 2.
Electric switch. C. G. Gross. 2,125,439; Aug. 2.
Electric switch. R. A. Millermaster. 2,125,684; Aug. 2.
Electrical connecter. A. E. Caldwell. 2,125,485; Aug. 2.
Electrical connecter. W. A. Frantz. 2,125,555; Aug. 2.
Electrical equipment. J. M. Pestarini. 2,125,806; Aug. 2.
Electrodes for cathode ray tubes and the like, Construction of. M. Benjamin and R. O. Jenkins. 2,125,418; Aug. 2.
Electron discharge apparatus. C. A. Bieling. 2,125,280; Aug. 2.
Electron discharge device. C. A. Bieling. 2,125,279; Aug. 2.
Electron discharge device. V. L. Ronci. 2,125,317; Aug. 2.
Electron discharge tube. J. H. O. Harries. 2,125,719; Aug. 2.
Electron multipplier. E. G. Ramberg. 2,125,750; Aug. 2.
Elevator, Self-dumping. G. P. Coughlin. 2,125,547; Aug. 2.
Engine: *See*—
Internal combustion engine.
Engine starting, Facilitating. J. H. Hammond, Jr. 2,125,610; Aug. 2.
Engine synchronizer and tachometer. A. Urfer. 2,125,409; Aug. 2.
Engine synchronizer indicator. A. Urfer. 2,125,408; Aug. 2.
Engines, Lubricating enclosed. R. H. Money. 2,125,645; Aug. 2.
Ethyl chloride, Preparation of. L. C. Chamberlain and J. L. Williams. 2,125,284; Aug. 2.
Ethynol carbinols, Preparation of. A. D. Macallum. 2,125,384; Aug. 2.
Excavating device or booster, Hydraulic. W. H. Schacht. 2,125,740; Aug. 2.
Extracts, Preparing liver. H. L. Keil. 2,125,844; Aug. 2.
Fabric: *See*—
Narrow fabric. Wire fabric.
Fabric and making same, Coated. C. B. Hall and J. D. McBurney. 2,125,341; Aug. 2.
Fabric and making the same, Pile. W. H. Walsh. 2,125,745; Aug. 2.
Fabric and making the same, Wire. R. J. Guba. 2,125,717; Aug. 2.
Fabric for curtains or the like. R. I. Bosworth. 2,125,422; Aug. 2.
Fabric with close setting of the weft threads, Producing a. O. Grimm. 2,125,339; Aug. 2.
Fastener: *See*—
Paper fastener. Separable fastener.
Fastener or buckle, Separable. L. Eisenman. 2,125,775; Aug. 2.
Fastening device. C. I. Carlson. 2,125,540; Aug. 2.
Feeder for type casting machines, Metal. L. J. Atwood. 2,125,265; Aug. 2.
Fender light, Automatic. W. Woodward. 2,125,746; Aug. 2.
Filing device for cards and other uses, Vertical. E. H. A. Parent. 2,125,619; Aug. 2.
Filter: *See*—
Paint spray filter.
Firearm. C. C. Loomis. 2,125,350; Aug. 2.
Flax and the like fibers, Method of and apparatus for the treatment of. R. H. and H. G. Milburn. 2,125,800; Aug. 2.
Float, Fishing line. H. C. Haag. 2,125,718; Aug. 2.
Flotation reagents and method of use. A. M. Gaudin. 2,125,337; Aug. 2.
Fluid pressure indexing valve. W. H. Martin. 2,125,513; Aug. 2.
Fluids, Continuous method of treating edible. M. Feder. 2,125,778; Aug. 2.

Fluorescent structure. J. C. Batchelor. 2,125,599; Aug. 2.
Football amusement device. W. J. Longstreet. 2,125,679; Aug. 2.
Force measuring device. H. Brown. 2,125,282; Aug. 2.
Form and preparing the same, Printing. G. P. Kingsbury. 2,125,676; Aug. 2.
Form for making rubber articles. A. N. Spánel. 2,125,592; Aug. 2.
Formaldehyde, Vaporization of. W. S. Hinegardner. 2,125,375; Aug. 2.
Frame: *See*—
Crusher frame.
Freezer, Dessert. W. J. Ralph, Jr. 2,125,693; Aug. 2.
Fryer, Deep grease. P. F. Ratcliff. 2,125,862; Aug. 2.
Fuel. J. W. Johnson, H. Van Roosen, A. E. Ushakoff, and J. J. Brophy. 2,125,448; Aug. 2.
Fuel controlling device, Reserve liquid. N. O. Gould. 2,125,674; Aug. 2.
Fuel, Producing high octane rating motor. P. A. Maschwitz. 2,125,734; Aug. 2.
Furnace: *See*—
Annealing furnace. Electric furnace.
Furnace and recuperator structure. H. J. Hartley and P. Schroeder. 2,125,721; Aug. 2.
Galvanometer, Oscillograph. E. Gerlach. 2,125,608; Aug. 2.
Game apparatus. G. M. Surprise. 2,125,696; Aug. 2.
Garment, Body. M. R. Barnes. 2,125,482; Aug. 2.
Gas burner. F. H. Le Compte. 2,125,678; Aug. 2.
Gasket. P. W. Dempsey. 2,125,334; Aug. 2.
Gasoline, Manufacture of antiknock. L. de Florez. 2,125,855; Aug. 2.
Gasolines, Stabilizing. W. W. Holland. 2,125,636; Aug. 2.
Gauge: *See*—
Lathe hand gauge.
Gauge. J. O. Coleman. 2,125,545; Aug. 2.
Gauge for automobiles, Radius. H. Wechner. 2,125,534; Aug. 2.
Gauge for squaring shears, Back. R. L. Brownlee. 2,125,539; Aug. 2.
Generator: *See*—
Oscillation generator.
Glass to metal seals, Forming. V. L. Ronci. 2,125,315–6; Aug. 2.
Glassware, Manufacturing. C. W. Johnson. 2,125,789; Aug. 2.
Glazing unit, Double. J. H. Fox. 2,125,372; Aug. 2.
Glove construction. G. W. Geissmann. 2,125,673; Aug. 2.
Gold recovering machine. F. W. Dodge. 2,125,492; Aug. 2.
Gopher trap. J. Tenbrook. 2,125,595; Aug. 2.
Grading machine. J. W. Johnston. 2,125,295; Aug. 2.
Guard for chickens, Anticannibalism. T. Morelli. 2,125,389; Aug. 2.
Guard, Lamp. J. P. Knowles. 2,125,450; Aug. 2.
Guides, Making honed. E. S. Eplett. 2,125,434; Aug. 2.
Gum base, Chewing. G. A. Hatherell. 2,125,562; Aug. 2.
Gun. E. F. Jacobson. 2,125,571; Aug. 2.
Gun, Air. G. H. Bugenhagen. 2,125,600; Aug. 2.
Hair, Apparatus for waving. W. H. Bleuel. 2,125,421; Aug. 2.
Hair clipping machine. W. Rabald. 2,125,748; Aug. 2.
Hair, Process and apparatus for waving human. W. H. Bleuel and S. Steek. 2,125,622; Aug. 2.
Handkerchief holder. F. H. Scribner. 2,125,362; Aug. 2.
Handle: *See*—
Door handle.
Hanger: *See*—
Beam hanger. Picture hanger.
Headgear, Knitted and reinforced. S. Rosenberg. 2,125,739; Aug. 2.
Heating device for permanent waves. C. P. Simas. 2,125,402; Aug. 2.
Heating system, Steam. J. E. Wasson and V. J. Bean. 2,125,839; Aug. 2.
Heddle, Twine. I. Andrews and H. O. Coddington. 2,125,278; Aug. 2.
Heddle, Weaving. P. Dathe. 2,125,425; Aug. 2.
Heel-attaching machine. R. H. Lawson. 2,125,349; Aug. 2.
Helmet. C. R. Standley. 2,125,854; Aug. 2.
Hobble. W. J. Heimer. 2,125,500; Aug. 2.
Holder: *See*—
Handkerchief holder. Processing film holder.
Index strip holder.
Holder for partitions and the like. M. Zadek. 2,125,747; Aug. 2.
Holder for typewriters, Sheet paper. J. W. Harris. 2,125,290; Aug. 2.
Holder for weft replenishing looms, Thread. R. G. Turner. 2,125,658; Aug. 2.
Holder or support for collapsible tubes and the like. E. Higgins. 2,125,784; Aug. 2.
Hood. D. P. Hynes. 2,125,569; Aug. 2.
Hose coupling. M. P. Whitney. 2,125,477; Aug. 2.
Hood for textile machinery, Cleaning. E. J. Eaddy. 2,125,774; Aug. 2.
Housing, Gear. W. J. Coultas and N. D. Colvin. 2,125,489; Aug. 2.
Hub, Coasting and driving. P. V. Anderson. 2,125,763; Aug. 2.
Hydraulic beating apparatus. R. D. Kehoe. 2,125,298; Aug. 2.
Hydraulic brake. H. E. Marsh. 2,125,640; Aug. 2.
Hydraulic brake. R. S. Begg and G. C. R. Kuiper. 2,125,266; Aug. 2.
Hydraulic motor. R. C. Lamond. 2,125,452; Aug. 2.
Incineration. H. J. Hartley. 2,125,720; Aug. 2.
Identification attachment for vehicles. W. M. Najder. 2,125,392; Aug. 2.
Indicator: *See*—
Duplex balance indicator. Radio tuning indicator.
Engine synchronizer indicator.
Ignition apparatus. J. L. Arthur and D. L. Hittle. 2,125,367; Aug. 2.
Illuminating device. J. P. Hobart. 2,125,635; Aug. 2.
Illuminating fixture. E. F. Guth. 2,125,440; Aug. 2.
Incineration. W. Raisch. 2,125,737; Aug. 2.
Incinerator. H. E. Nicol. 2,125,517; Aug. 2.
Index strip holder. G. J. Aigner. 2,125,264; Aug. 2.
Ink, Printing. C. F. P. Millar. 2,125,683; Aug. 2.
Initiator. G. A. Noddin. 2,125,356; Aug. 2.
Interference elimination. V. C. Henriquez and B. D. H. Tellegen. 2,125,723; Aug. 2.
Internal combustion engine. K. J. E. Hesselman. 2,125,293; Aug. 2.
Internal combustion engine, Variable compression ration. K. Tsuneda. 2,125,407; Aug. 2.
Iron annealing receptacle. F. Barmé. 2,125,664; Aug. 2.
Ironing machine. E. W. Rouch. 2,125,585; Aug. 2.
Jack: *See*—
Lifting jack.
Joint structure, Paving and expansion. A. C. Fischer. 2,125,857; Aug. 2.
Ketones, Hydrogenating polynuclear aromatic. H. R. Arnold and C. H. Greenewalt. 2,125,412; Aug. 2.
Knotter. T. C. Bromley and G. S. Helliwell. 2,125,423; Aug. 2.
Lacquer, Nonlifting. C. Bogin. 2,125,484; Aug. 2.
Ladder, Scaffold. R. A. Uecker, I. G. Rambo, and E. H. Simpson. 2,125,829; Aug. 2.
Lamp: *See*—
Electric arc lamp.
Lamp. J. T. Renholdt. 2,125,358; Aug. 2.
Latch bolt and retractor bar structure. W. R. Schlage. 2,125,655; Aug. 2.
Latch construction. F. W. McCormick. 2,125,515; Aug. 2.
Latch operating mechanism. J. L. Oldham. 2,125,518; Aug. 2.
Lathe hand gauge. J. Meluzin. 2,125,682; Aug. 2.
Lead glazes, Production of. H. Harkort. 2,125,632; Aug. 2.
Lever, Control. L. D. Boyce. 2,125,538; Aug. 2.
Library construction. A. S. Macdonald. 2,125,302; Aug. 2.
Lift and hold-down for revolving doors, Pivot. T. M. Hagenbook. 2,125,498; Aug. 2.
Lifting device, Portable. T. E. Corr. 2,125,546; Aug. 2.
Lifting jack. W. H. Foster. 2,125,493; Aug. 2.
Light: *See*—
Fender light.
Lighter. D. Hoppenstand. 2,125,637; Aug. 2.
Lighting fixture, Indirect. L. C. Doane. 2,125,335; Aug. 2.
Line valve. G. E. Franck. 2,125,554; Aug. 2.
Liquid dispensing means. G. Boden and J. L. Flannery. 2,125,537; Aug. 2.
Liquid level indicating and controlling device. E. M. Hawkins. 2,125,722; Aug. 2.
Load controlling apparatus. C. W. Metzgar. 2,125,355; Aug. 2.
Lock: *See*—
Combination lock. Tank lock.
Permutation lock. Window lock.
Lock-bolt, Automobile door. H. D. Geyer. 2,125,779; Aug. 2.
Logs, Apparatus for barking. J. D. Ullgren. 2,125,529; Aug. 2.
Looms, Filling-changing mechanism for. G. Wiget. 2,125,470; Aug. 2.
Loop regulating mechanism, Multiple. G. Bitzer. 2,125,831; Aug. 2.
Lubricant, Extreme pressure. A. W. Ralston. 2,125,851; Aug. 2.
Luminous effects, Producing. J. F. Goggin. 2,125,780; Aug. 2.
Machine for forming tubular sheet-material bodies. C. L. Baker. 2,125,414; Aug. 2.
Machine for handling strip material. J. Ettl. 2,125,336; Aug. 2.
Machine for making filled confections. F. P. Kretchmer. 2,125,729; Aug. 2.
Machine for making tags. F. Magidson. 2,125,794; Aug. 2.
Machine for making wired box parts. A. L. Rosenmund. 2,125,461; Aug. 2.
Machine for manufacturing bags. H. F. Waters. 2,125,758; Aug. 2.
Machine for securing fastener elements. C. Anderson, G. B. Baehr, G. M. Gay, and C. T. Manville. 2,125,707; Aug. 2.
Machine tool. G. K. McKee and C. E. Bernitt. 2,125,641; Aug. 2.

Magnetic coil structure. N. Dinion. 2,125,431; Aug. 2.
Magnetizer. G. Fredrickson. 2,125,628; Aug. 2.
Magnetron modulation system. A. W. Ladner. 2,125,507; Aug. 2.
Manifold, Exhaust. J. G. Williams. 2,125,703; Aug. 2.
Maps from photographs taken from the air, Construction of. H. G. Fourcade. 2,125,553; Aug. 2.
Marker, Animal. H. S. Christensen and D. D. Draper. 2,125,768; Aug. 2.
Marker, Grave. S. H. Updike. 2,125,699; Aug. 2.
Material, Decorating sheet. M. M. Merritt. 2,125,457; Aug. 2.
Material, Drying. H. G. Lykken and R. L. Sutherland. 2,125,382; Aug. 2.
Material, Floor and wall covering. H. Strauch. 2,125,594; Aug. 2.
Material, Process and apparatus for producing a pulverulent building. A. Sommer. 2,125,860; Aug. 2.
Material, Separating granular. J. S. Robertson. 2,125,812; Aug. 2.
Materials, Coating of absorbent. G. C. Tyce and V. Lefebure. 2,125,527; Aug. 2.
Materials, hats, or articles, Apparatus for molding, blocking, or otherwise shaping. G. D. Weir. 2,125,760; Aug. 2.
Materials, Manufacture of cementitious. J. A. and A. J. Blank. 2,125,281; Aug. 2.
Medical agent and preparing the same, Auxiliary. A. Matsumae. 2,125,577; Aug. 2.
Message device. J. Segar. 2,125,320; Aug. 2.
Metal recovery device, Precious. R. B. Hayden. 2,125,291; Aug. 2.
Metal, Refining. G. E. Behr. 2,125,329; Aug. 2.
Metal, Surface treating section. C. Thyssen. 2,125,825; Aug. 2.
Metalworking machine. H. Weinacker. 2,125,759; Aug. 2.
Metals, Metallurgy of ferroalloy. R. F. Meyer. 2,125,642; Aug. 2.
Milk bottle cap. C. W. Goodwin. 2,125,609; Aug. 2.
Mill: *See*—
Rolling mill. Shingle mill.
Mineral trap. C. B. Ulrich. 2,125,469; Aug. 2.
Mixing device for preparing mixtures such as mayonnaise and salad dressing. W. A. McLean. 2,125,455; Aug. 2.
Molding composition and making same, Composite. C. Ellis, Jr. 2,125,776; Aug. 2.
Motor: *See*—
Hydraulic motor.
Motor for operating a pump, Vacuum. J. J. Ryan. 2,125,463; Aug. 2.
Mount for telescopic rifle sights. G. K. Turner. 2,125,828; Aug. 2.
Mounting: *See*—
Printing plate mounting. Water meter mounting.
Sign unit mounting.
Muffler. G. A. Kingsley. 2,125,449; Aug. 2.
Muffler, Vacuum cleaner. A. E. Norris. 2,125,850; Aug. 2.
Multiple-recording instrument. O. H. Hunt. 2,125,345; Aug. 2.
Naphtha reforming. S. C. Fulton. 2,125,714; Aug. 2.
Narrow fabric. J. W. Stark. 2,125,838; Aug. 2.
Necktie, Adjustable. C. Goldenberg. 2,125,715; Aug. 2.
Nipple, Nursing bottle. G. L. Glossbrenner. 2,125,338; Aug. 2.
Novelty. C. C. Cloud. 2,125,424; Aug. 2.
Nozzle, Spray. J. E. Holveck. 2,125,445; Aug. 2.
Nut, Lock. E. A. Green. 2,125,276; Aug. 2.
Nut lock construction. L. Tarwater. 2,125,323; Aug. 2.
Oil and preparing the same, Hydrogenated brown camphor. M. S. Carpenter. 2,125,832; Aug. 2.
Oil from flowing air streams, Removing. S. J. Erling. 2,125,435; Aug. 2.
Oil, Lubricating. T. G. Murphy. 2,125,305; Aug. 2.
Oils and product obtained thereby, Treating vegetable and animal. I. M. Colbeth. 2,125,544; Aug. 2.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,125,535; Aug. 2.
Oils, Conversion of hydrocarbon. J. B. Heid. 2,125,564; Aug. 2.
Olefine oxides, Production of. R. M. Carter. 2,125,333; Aug. 2.
Optical occluder. E. A. Ring. 2,125,650; Aug. 2.
Ores and flotation agents therefor, Concentrating. A. W. Ralston and W. O. Pool. 2,125,852; Aug. 2.
Ores by means of froth flotation, Concentrating oxidized. G. Gutzeit. 2,125,631; Aug. 2.
Orthodontia bracket. A. Richardson. 2,125,587; Aug. 2.
Oscillation generator. M. Bowman-Manifold and R. E. Spencer. 2,125,732; Aug. 2.
Ozone, Apparatus for generating. R. U. Garrett. 2,125,672; Aug. 2.
Package. E. S. Dowling. 2,125,833; Aug. 2.
Package, Interfold sheet. D. Nystrand. 2,125,618; Aug. 2.
Package inverting device. J. S. Cowl. 2,125,548; Aug. 2.
Packaging. J. S. MacLean. 2,125,385; Aug. 2.
Packing for hydraulic presses. W. B. Ware. 2,125,701; Aug. 2.
Padding for pressing devices. J. R. Crockford. 2,125,603; Aug. 2.
Paint spray filter. V. Dahlman. 2,125,271; Aug. 2.
Paper and other materials, Apparatus for determining the opacity of. O. Maass and R. E. Richardson. 2,125,639; Aug. 2.
Paper fastener. G. B. Hunt. 2,125,724; Aug. 2.
Paper fastener. J. Schade. 2,125,464; Aug. 2.
Paper towel receptacle. H. A. Bisson. 2,125,420; Aug. 2.
Patch to a satchel bottom bag, Applying a. A. Novick. 2,125,308; Aug. 2.
Payroll machine. R. J. Kirkpatrick. 2,125,728; Aug. 2.
Perforating machine. C. E. Newton. 2,125,803; Aug. 2.
Perforator, Pipe. W. L. Church. 2,125,487; Aug. 2.
Permutation lock. C. Casey, Jr. 2,125,667; Aug. 2.
Phenols, Alkylating. R. P. Perkins. 2,125,310; Aug. 2.
Phonograph. B. F. Wupper and J. A. Davis. 2,125,706; Aug. 2.
Phosphorus, Oxidizing elemental. J. N. Junkins. 2,125,297; Aug. 2.
Photographing apparatus. S. F. Monroe. 2,125,388; Aug. 2.
Picture hanger. S. Dabroski. 2,125,770; Aug. 2.
Pigment barium sulphate from barium chloride, Making. D. C. Hall and E. F. Steinbring. 2,125,342; Aug. 2.
Pin setter. A. Nyerges. 2,125,647; Aug. 2.
Pins to flexible brush backs and the like, Applying. J. Morrison. 2,125,735; Aug. 2.
Pintles in box parts, Apparatus for inserting. H. Hermani. 2,125,834; Aug. 2.
Pipe coupling. J. N. Ice. 2,125,570; Aug. 2.
Pipes, Method of and coupling for pressure. K. D. Williams and H. W. Hiemke. 2,125,324; Aug. 2.
Piston ring. P. Carlton. 2,125,541; Aug. 2.
Piston ring expander. M. G. Carlisle. 2,125,766; Aug. 2.
Plaster base construction. C. L. Neumeister. 2,125,516; Aug. 2.
Pliers. E. Tetly. 2,125,406; Aug. 2.
Plug valve. F. T. Reed. 2,125,810; Aug. 2.
Polymerization products and preparing them. O. Nicodemus, H. Lange, and O. Horn. 2,125,685; Aug. 2.
Polymerization products from thiovinyl ethers, Production of. W. Reppe, H. Uffer, and E. Kuehn. 2,125,649; Aug. 2.
Popper, Corn. W. Rahr. 2,125,749; Aug. 2.
Powder dispensing unit. L. L. Salfisberg. 2,125,318; Aug. 2.
Power control, Pneumatic. H. Busch. 2,125,601; Aug. 2.
Power developing apparatus and operating the same. T. Wachs. 2,125,474; Aug. 2.
Power transmission mechanism. S. Trimbath. 2,125,526; Aug. 2.
Power transmitting device, Engageable. G. Niemann. 2,125,617; Aug. 2.
Printing and pinning machine. C. A. Flood. 2,125,626; Aug. 2.
Printing apparatus. G. G. Johnson and R. J. Maller. 2,125,346; Aug. 2.
Printing plate mounting. W. F. Brügmann. 2,125,331; Aug. 2.
Printing roll. M. M. Safford. 2,125,817; Aug. 2.
Processing film holder. R. H. Draeger. 2,125,285; Aug. 2.
Projection device. V. E. Pratt and Z. Takats. 2,125,582; Aug. 2.
Propeller. B. H. Deal. 2,125,549; Aug. 2.
Protectors, Making garment. E. M. French. 2,125,495; Aug. 2.
Pulp, Apparatus for continuously beating paper. R. J. Serpas. 2,125,820; Aug. 2.
Pulp or paper webs, Bleaching. C. C. Heritage. 2,125,634; Aug. 2.
Pump for semifluids. W. B. Campbell. 2,125,283; Aug. 2.
Radiator air valve. E. W. Work. 2,125,662; Aug. 2.
Radio tuning indicator. D. V. Sinninger. 2,125,468; Aug. 2.
Razor, Adjustable head safety. G. L. Robertson. 2,125,811; Aug. 2.
Razor blade and holder. J. Holtzman. 2,125,501; Aug. 2.
Razor blade, Safety. J. Holtzman. 2,125,502; Aug. 2.
Razor, Safety. W. H. Huenergardt. 2,125,503; Aug. 2.
Receptacle: *See*—
Iron annealing receptacle. Paper towel receptacle
Receptacle. H. W. Birk. 2,125,419; Aug. 2.
Reel: *See*—
Cloth reel. Strip reel.
Refrigerating apparatus. L. W. Eggleston. 2,125,842; Aug. 2.
Refrigerating apparatus. J. Kirgan. 2,125,347; Aug. 2.
Refrigerating device, particularly for air conditioning, Portable. E. S. Catterlin. 2,125,542; Aug. 2.
Remote control system. H. E. Butler. 2,125,765; Aug. 2.
Ring: *See*—
Clamping ring. Piston ring.
Rings, Treating piston. G. J. Deeb. 2,125,606; Aug. 2.
Roads and pavements, Reconditioning. G. H. Hill, Jr. 2,125,785; Aug. 2.
Rock drill. E. G. Gartin. 2,125,287; Aug. 2.
Roller bearing. P. G. Palmgren. 2,125,648; Aug. 2.
Roller bender, Portable. F. A. Price. 2,125,688; Aug. 1.
Rolling mill. A. Norton. 2,125,686; Aug. 2.
Roof and gable construction for toy buildings. N. I. Paulson. 2,125,580; Aug. 2.
Roof, Double layer cardboard. P. Sattig. 2,125,694; Aug. 2.
Roof for the cockpits of aircraft, Removable. R. Saulnier. 2,125,752; Aug. 2.
Rooms, Illuminating. P. Schlumbohm. 2,125,319; Aug. 2.

Safety device for aeroplanes. K. Schwärzler. 2,125,361; Aug. 2.
Salad dressing. A. Musher. 2,125,391; Aug. 2.
Salt from natural brine, Recovering Glauber's. S. H. Davis, H. W. Doennecke, and E. W. Douglass. 2,125,624; Aug. 2.
Salts, Oxidation of titanous. C. R. Hager. 2,125,340; Aug. 2.
Salvage apparatus. S. Lake. 2,125,301; Aug. 2.
Sander. M. Plengemeier. 2,125,460; Aug. 2.
Sash strip, Metal. J. C. Neuendorf. 2,125,394; Aug. 2.
Saw filing machine. J. L. Torgerson. 2,125,755; Aug. 2.
Saw, Mounting and supporting a. J. F. Olson. 2,125,395; Aug. 2.
Scaffold bracket. R. A. Uecker, I. G. Rambo, and D. E. Beatty. 2,125,830; Aug. 2.
Scraper. A. A. Liebelt. 2,125,859; Aug. 2.
Scraper, Carrying. R. A. Grant. 2,125,558; Aug. 2.
Scraping tool. L. Seguin. 2,125,653; Aug. 2.
Screws, Manufacture of. H. C. Erdman. 2,125,272; Aug. 2.
Seal for hammer mills, Screen. R. D. MacDonald. 2,125,352; Aug. 2.
Seat for amusement slides. G. H. Drabenstott. 2,125,773; Aug. 2.
Self-propelling vehicle. P. H. and P. S. Huyssen. 2,125,568; Aug. 2.
Separable fastener. O. Ulbricht. 2,125,698; Aug. 2.
Separating means. J. L. Knight and C. R. Stahl. 2,125,574; Aug. 2.
Sewage clarification, Magnetic. W. C. Laughlin. 2,125,846; Aug. 2.
Sewing machine. C. Seaman. 2,125,652; Aug. 2.
Sewing machine, Book. J. E. Pitts and E. A. Gould. 2,125,459; Aug. 2.
Sexual hormone compositions and producing same. W. Dirscherl. 2,125,772; Aug. 2.
Shearing machine. F. Gleich. 2,125,556; Aug. 2.
Sheet delivery mechanism, Printing press. J. A. Sinclair. 2,125,467; Aug. 2.
Shell trimmer. F. L. Buff. 2,125,269; Aug. 2.
Shingle mill. E. S. Field. 2,125,371; Aug. 2.
Shoe and shoemaking. L. J. Bazzoni. 2,125,328; Aug. 2.
Shoe heel, Detachable. E. E. Staub and E. H. Wolfe. 2,125,657; Aug. 2.
Shoe last and hinge therefor, Hinged. H. W. Clausing. 2,125,623; Aug. 2.
Shortening compound. C. E. Morris. 2,125,849; Aug. 2.
Shuttle. W. A. Tebo. 2,125,405; Aug. 2.
Sifting and measuring container. E. Frank. 2,125,497; Aug. 2.
Sign: *See*—
Changeable sign. Street and road sign.
Sign. C. C. Collie. 2,125,488; Aug. 2.
Sign unit, Illuminated. G. H. Peebles. 2,125,687; Aug. 2.
Sign unit mounting. I. Shisky. 2,125,403; Aug. 2.
Signal. P. H. Chase. 2,125,668; Aug. 2.
Signal apparatus, Basketball. G. W. Small. 2,125,822; Aug. 2.
Signaling system, Electrical. W. H. Dean. 2,125,491; Aug. 2.
Silk sterilization. J. S. Reichert and R. W. McAllister. 2,125,398; Aug. 2.
Sleeve packer construction. W. F. Bettis. 2,125,665; Aug. 2.
Slug casting machine. A. J. Stouges. 2,125,695; Aug. 2.
Snow removal machine. J. J. Marino. 2,125,797; Aug. 2.
Snuffer, Oil or gas well. C. E. Wheeler. 2,125,762; Aug. 2.
Socket installation and socket for the same, Snap fastener attached lamp. C. L. Hall. 2,125,843; Aug. 2.
Solder feed for soldering irons. B. V. Harris. 2,125,781; Aug. 2.
Solutions, Process and apparatus for the preparation of. H. N. Gilbert. 2,125,274; Aug. 2.
Sound producing attachment for roller skates. C. E. Karst. 2,125,504; Aug. 2.
Sound recording. W. A. Mueller. 2,125,390; Aug. 2.
Spout for sealed metal containers. J. B. Peddicord. 2,125,805; Aug. 2.
Spray, Orchard. T. L. Cairns. 2,125,602; Aug. 2.
Spraying device. E. F. Delfoe. 2,125,428; Aug. 2.
Spring snubber, Tilted. E. G. Goodwin. 2,125,275; Aug. 2.
Sprinkler, Automatic. L. M. Lewis. 2,125,510; Aug. 2.
Stand, more particularly for Röntgen apparatus. E. Pohl. 2,125,586; Aug. 2.
Stapling mechanism. W. D. Lipps. 2,125,731; Aug. 2.
Starting mechanism, Automatic. D. P. Kearney. 2,125,379; Aug. 2.
Steam, vapor, and hot water boiler, Cast iron. T. F. Maguire. 2,125,795; Aug. 2.
Steering device for vehicles. H. Møller. 2,125,644; Aug. 2.
Stool, Ingot mold. C. R. Fon Dersmith and W. W. Bergmann. 2,125,496; Aug. 2.
Stopper, Nonrefillable. C. W. Johnson. 2,125,791; Aug. 2.
Strainer, Continuous flow. H. J. C. Wells. 2,125,532; Aug. 2.
Street and road sign. J. W. Weigele and M. Caminetz. 2,125,475; Aug. 2.
Strip reel. J. N. Whalen. 2,125,660; Aug. 2.
Substance promoting lactation, Preparing a. C. L. Lautenschläger and W. Ludwig. 2,125,508; Aug. 2.
Sulphates and sulphonates, Producing halogenated. W. Schrauth. 2,125,656; Aug. 2.
Sulphur monochloride-nitrile reaction products and preparing them. A. W. Ralston. 2,125,853; Aug. 2.
Surfacing tool. F. G. Bauer. 2,125,709; Aug. 2.
Switch: *See*—
Electric switch. Time switch.
Switch and electromagnetic actuating means therefor, High frequency electrical. J. F. Frese. 2,125,436; Aug. 2.
Switch with handle, Spring. S. R. Du Brie. 2,125,432; Aug. 2.
Syringe, Vaginal. F. Schmalz. 2,125,400; Aug. 2.
Tag, Price. E. J. Geary. 2,125,437; Aug. 2.
Tank for volatile liquids, Storage. V. A. de Castro. 2,125,771; Aug. 2.
Tank lock, Fuel. F. E. Schneider. 2,125,818; Aug. 2.
Tank truck grounding device. M. Kadas. 2,125,378; Aug. 2.
Tape cutting device. T. L. Murray. 2,125,736; Aug. 2.
Target apparatus. W. A. Hibberd. 2,125,565; Aug. 2.
Target, Moving. B. C. Mattson. 2,125,353; Aug. 2.
Telegraphic receiver. F. Laudano. 2,125,616; Aug. 2.
Telephone receiver. N. A. Kurman. 2,125,348; Aug. 2.
Tent, Beach. R. L. Morgan. 2,125,801; Aug. 2.
Terminal prong with integral lug, Electrical. A. M. Draving. 2,125,713; Aug. 2.
Testing device for multiple cylinder internal combustion engines. W. E. Haupt. 2,125,277; Aug. 2.
Textile machine. N. Stoddard. 2,125,823; Aug. 2.
Thermostat for electric ranges. E. L. Fonseca. 2,125,627; Aug. 2.
Ticket issuing machine. R. H. Heisel. 2,125,443; Aug. 2.
Time switch. A. Martin. 2,125,733; Aug. 2.
Timer distributor, Ball bearing. J. L. Arthur. 2,125,368; Aug. 2.
Tire chain. C. B. Woodworth. 2,125,705; Aug. 2.
Tire chain. G. D. Yoakum. 2,125,598; Aug. 2.
Toe Stiffener. H. G. McMurray. 2,125,798; Aug. 2.
Tool: *See*—
Machine tool. Surfacing tool.
Scraping tool.
Tool for paper drills, Sharpening. H. S. Hill. 2,125,566; Aug. 2.
Tools with conducting properties, Making abrasive. R. N. Heald. 2,125,782; Aug. 2.
Tortilla machine. J. G. Curry. 2,125,550; Aug. 2.
Towel dispensing cabinet. J. Dartman. 2,125,604–5; Aug. 2.
Toy railway equipment. G. W. Davis. 2,125,551; Aug. 2.
Toy vehicle. G. E. Smallwood. 2,125,590; Aug. 2.
Toy, Whirling. G. L. Rowell. 2,125,815; Aug. 2.
Tractor. H. F. Schmidt. 2,125,522; Aug. 2.
Tractor. P. Weeks. 2,125,531; Aug. 2.
Tractor with rigid track frames, Crawler. D. B. Baker, C. R. Rogers, and N. O. Panzegrau. 2,125,327; Aug. 2.
Traffic controlling system, Centralized. W. D. Halles. 2,125,499; Aug. 2.
Trailer coupling. C. R. Hennicke. 2,125,611; Aug. 2.
Trailer coupling, Brake actuating. F. L. Watson. 2,125,702; Aug. 2.
Transmission system, High frequency. E. L. C. White and E. C. Cork. 2,125,597; Aug. 2.
Trap: *See*—
Gopher trap. Mineral trap.
Trigger relay and similar device, Electric. H. T. Gooding. 2,125,630; Aug. 2.
Trim panels, Apparatus for preparing. C. W. Avery. 2,125,480; Aug. 2.
Tube: *See*—
Electron discharge tube.
Tubing, Flexible corrugated metal. F. Jacobson. 2,125,447; Aug. 2.
Tumbler feeding mechanism. H. W. Schneider and L. O. Mankin. 2,125,837; Aug. 2.
Typewriter. W. Tobias. 2,125,826; Aug. 2.
Typewriter cabinet, Convertible. E. D. Estrates, A. Psihas, and G. Lesfakis. 2,125,777; Aug. 2.
Typographical composing machine. F. C. Frolander. 2,125,671; Aug. 2.
Typographical composing machine. P. Hilpman. 2,125,675; Aug. 2.
Typographical composing machine. R. R. Mead. 2,125,681; Aug. 2.
Uncoupling mechanism for car couplers. A. J. Bazeley. 2,125,711; Aug. 2.
Undergarment, Woman's. G. M. Stuckey. 2,125,744; Aug. 2.
Unit dispensing device. F. G. Steiner. 2,125,754; Aug. 2.
Utensil, Cooking. C. Stirn. 2,125,741; Aug. 2.
Utensil, Paper. G. B. Linderman, Jr. 2,125,793; Aug. 2.
Vacuum cleaner. A. Eriksson-Jons. 2,125,726; Aug. 2.
Vacuum distillation process. M. P. Youker. 2,125,325; Aug. 2.
Vacuum in pipe lines, Breaking. E. C. Brisbane. 2,125,330; Aug. 2.
Valve: *See*—
Fluid pressure indexing valve. Plug valve.
Line valve. Radiator air valve.
Valve mechanism for compound meters. L. Trager. 2,125,596; Aug. 2.
Valve regrinding device. F. P. Healy. 2,125,442; Aug. 2.

Vault, Burial. B. F. Hays. 2,125,563; Aug. 2.
Vehicle: *See*—
Self-propelling vehicle. Toy vehicle.
Vehicle hub cap. N. J. and S. Kroll. 2,125,506; Aug. 2.
Vehicle wheel. A. S. Van Halteren. 2,125,756; Aug. 2.
Ventilating structure, Vehicle. J. N. H. Christman. 2,125,486; Aug. 2.
Ventilator. J. Marshall. 2,125,454; Aug. 2.
Vessel, High tension discharge. L. Völkel. 2,125,700; Aug. 2.
Vinyl compounds, Polymerized. W. O. Herrmann and W. Haehnel. 2,125,374; Aug. 2.
Wallboard, Laminated pressed. J. H. McKenzie. 2,125,847; Aug. 2.
Wall construction, Double glass. G. L. West. 2,125,410; Aug. 2.
Water meter mounting. E. M. Krueger. 2,125,380; Aug. 2.
Waterproofing process. H. S. Holt. 2,125,376; Aug. 2.
Water supply and drainage system for fishlocks. B. L. Peterson. 2,125,311; Aug. 2.
Wax treatment. O. L. Roberts. 2,125,314; Aug. 2.
Weeder point, Adjustable rod. A. A. Scarlet. 2,125,359; Aug. 2.
Weighing and testing machine, Hydraulic. A. G. Blanchard. 2,125,483; Aug. 2.
Wells, Treatment of. F. A. Denker. 2,125,429; Aug. 2.
Wheel: *See*—
Centrifugal blower wheel. Vehicle wheel.
Wheel. J. Nation. 2,125,802; Aug. 2.
Wheel for tractors, Motor vehicle. H. Hürlimann. 2,125,786; Aug. 2.
Wheel suspension. B. Martins. 2,125,511–12; Aug. 2.
Window construction, Double. W. Owen. 2,125,397; Aug. 2.
Window lock. D. L. Chandler. 2,125,543; Aug. 2.
Window, Sound excluding ventilating. E. T. Fisk. 2,125,669; Aug. 2.
Wind-up for wire cloth loom. H. L. Thompson. 2,125,824; Aug. 2.
Wire fabric. W. E. Reed. 2,125,583; Aug. 2.

CLASSIFICATION OF PATENTS

ISSUED AUGUST 2, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Albrecht, Fred W., Grocery Company, The, Akron, Ohio. Beverages, and sirups and extracts for making the same. Serial No. 407,746; Aug. 9. Class 45.

American Hard Rubber Company, Hempstead and New York, N. Y. Combs. Serial Nos. 407,484–5; Aug. 9. Class 40.

American Radiator Company, New York, N. Y. Electrical relays. Serial No. 401,170; Aug. 9. Class 21.

American Rawhide Manufacturing Company, Chicago, Ill. Drum and banjo heads. Serial No. 404,976; Aug. 9. Class 36.

Anaerold Sales Corporation, Denver, Colo. Milk cans, cream cans, milk containers and lids therefor and the like. Serial No. 407,457; Aug. 9. Class 2.

Anaerold Sales Corporation, Denver, Colo. Milk cans, cream cans, milk containers, and lids therefor and the like. Serial No. 407,581; Aug. 9. Class 2.

Arkansas Fuel Oil Company, Shreveport, La. Golf balls. Serial No. 408,042; Aug. 9. Class 22.

Arkansas Fuel Oil Company, Shreveport, La. Tires, tubes, and accessories. Serial No. 408,043; Aug. 9. Class 35.

Atlas Canning Company, Inc., Glendale, Brooklyn, N. Y. Canned food for dogs, cats, and carnivorous animals. Serial No. 405,237; Aug. 9. Class 46.

Auto Radiator Manufacturing Co., Chicago, Ill. Electric fog lamps. Serial No. 406,704; Aug. 9. Class 21.

Ayerst, McKenna & Harrison (United States) Limited, Rouses Point, N. Y. Follicle-stimulating hormone preparation. Serial No. 404,883; Aug. 9. Class 6.

Barclay, Jas., & Co. Limited, Detroit, Mich., and Peoria, Ill. Whiskey. Serial No. 394,886; Aug. 9. Class 49.

Beard, Eugene N., Washington, D. C. Magazine. Serial No. 406,277; Aug. 9. Class 38.

Beck, A. S., Shoe Corporation, New York, N. Y. Shoes and slippers. Serial No. 406,490; Aug. 9. Class 39.

Beck, A. S., Shoe Corporation, New York, N. Y. Shoes and slippers. Serial No. 407,084; Aug. 9. Class 39.

Bee-Ko Company, Incorporated, New York, N. Y. Wood cased pencils. Serial No. 404,244; Aug. 9. Class 37.

Blackburn Aircraft Limited, Brough, England. Aircraft engines. Serial No. 404,428; Aug. 9. Class 23.

Bonis Bros. Fur Machinery Corporation, New York, N. Y. Fur sewing machines. Serial No. 406,630; Aug. 9. Class 23.

Bonwit Teller, Inc., New York, N. Y. Women's hats. Serial No. 406,607; Aug. 9. Class 39.

Boyle Manufacturing Company, Inc., Los Angeles, Calif. Farm and garden tools. Serial No. 404,793; Aug. 9. Class 23.

Brenkert Light Projection Company, Detroit, Mich. Projection lamps. Serial No. 406,546; Aug. 9. Class 26.

Brewer-Titchener Corporation, The, Cortland, N. Y. Tables. Serial No. 401,847; Aug. 9. Class 32.

Bridge Tables and Novelties, Inc., Lowell, Mass. Bridge tables, coffee tables, end tables, etc. Serial No. 407,420; Aug. 9. Class 32.

Brillon Hair Remedies Company, The. (See Schultz, Julius I.)

Brockner, Henry S., Vancouver, British Columbia, Canada. Charts. Serial No. 398,608; Aug. 9. Class 38.

Browning, Russell A., Sr., Rosiclare, Ill. Writing pads combined with blotters. Serial No. 404,072; Aug. 9. Class 37.

Burton Brothers & Co., Inc., New York, N. Y. Cotton piece goods. Serial No. 406,494; Aug. 9. Class 42.

California Perfume Company, Inc., New York, N. Y. Perfumes and face powder. Serial No. 405,483; Aug. 9. Class 6.

Campbell, Max W., doing business as Lor-el Scientific Essential Laboratories, Maywood, Calif. Mechanic's soap. Serial No. 396,180; Aug. 9. Class 4.

Capson Hat Co., Inc., Fall River, Mass. Men's hats. Serial No. 405,343; Aug. 9. Class 39.

Cardox Corporation, Chicago, Ill. Bulk pressure storage systems. Serial No. 407,657; Aug. 9. Class 31.

Carnrick, G. W., Co., Newark, N. J. Standardized estrogenic hormone ester preparation. Serial Nos. 407,974–5; Aug. 9. Class 6.

Carpenter Paper Company, Omaha, Nebr. Note book fillers and school papers. Serial No. 407,361; Aug. 9. Class 37.

Caskie Paper Co. Inc., Lynchburg, Va., and Charlotte, N. C. Paper bags. Serial No. 405,716; Aug. 9. Class 2.

Cavignac, Frank H., Associates, Glendale, Long Island, N. Y. Golf balls. Serial No. 407,260; Aug. 9. Class 22.

Central Specialty Co., Inc., Kansas City, Mo. Scented deodorant. Serial No. 403,753; Aug. 9. Class 6.

Certified Electric & Mfg. Co., Chicago, Ill. Electric fence controllers. Serial No. 394,977; Aug. 9. Class 21.

Chicago Electrical News, Inc., Chicago, Ill. Title for a periodical publication. Serial No. 406,579; Aug. 9. Class 38.

"Chinoin" Gyógyszer És Vegyészeti Termékek Gyára Részyénytársaság (Dr. Kereszty & Dr. Wolf), Ujpest, Hungary. Medicines, chemical and pharmaceutical products for human and veterinary use. Serial No. 404,673; Aug. 9. Class 6.

Chivalry Studios. (See Kline, Edward A., Jr.)

Cloverset Flower Farm, Kansas City, Mo. Insecticides. Serial No. 407,897; Aug. 9. Class 6.

Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. Serial No. 407,621; Aug. 9. Class 28.

Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. Serial No. 401,338; Aug. 9. Class 50.

Congoleum-Nairn Inc., Kearny, N. J. Felt base rugs and floor covering. Serial No. 407,538; Aug. 9. Class 20.

Cort Shoes, Inc., Cleveland, Ohio. Shoes. Serial No. 402,667; Aug. 9. Class 39.

Country Press, Inc., Greenwich, Conn. Magazines. Serial No. 389,502; Aug. 9. Class 38.

Craddock Terry Company, Lynchburg, Va. Shoes. Serial No. 403,757; Aug. 9. Class 39.

Crompton Company, West Warwick, R. I. Corduroy fabrics. Serial No. 407,367; Aug. 9. Class 42.

Crown Fastener Corporation, Warren, R. I. Separable slide fasteners. Serial No. 401,851; Aug. 9. Class 13.

Danahy-Faxon Stores, Inc., Buffalo, N. Y. Coupon or certificate paper and other stationery. Serial No. 405,792; Aug. 9. Class 37.

Davis, H. B., Co., The, Baltimore, Md. Paints and paint enamels. Serial No. 406,678; Aug. 9. Class 16.

Dietzgen, Eugene, Co., Chicago, Ill. Drafting materials and supplies. Serial No. 402,418; Aug. 9. Class 37.

Dogsend, Pearl, Pittsburgh, Pa. Pressing oil for hair and for hair grower. Serial No. 407,798; Aug. 9. Class 6.

Duncan, Donald F., Inc., Chicago, Ill. Top. Serial No. 405,384; Aug. 9. Class 22.

Durham, Donald, Company, Des Moines, Iowa. Wax. Serial No. 406,123; Aug. 9. Class 16.

Elco Printing & Advertising Co., Philadelphia, Pa. Publication. Serial No. 406,668; Aug. 9. Class 38.

Empire Electric Brake Corporation, Dover, Del. Electromagnetic apparatus. Serial No. 405,061; Aug. 9. Class 21.

Endo Products, Inc., New York, N. Y. Preparation used to treat colds and bronchitis. Serial No. 408,238; Aug. 9. Class 6.

Erasmic Company, Limited, The, Warrington, England. Lavender water, bath salts and toilet powder. Serial No. 402,254; Aug. 9. Class 6.

Erlanger, Otto, Brewing Co., Philadelphia, Pa. Beer. Serial Nos. 407,802–3; Aug. 9. Class 48.

Esmond Mills, New York, N. Y. Blankets. Serial No. 404,697; Aug. 9. Class 42.

Esquire Features, Inc., Chicago, Ill. Newspaper column. Serial No. 403,761; Aug. 9. Class 38.

Estee Bedding Company, Chicago, Ill. Mattresses, studio couches and bed springs. Serial No. 408,271; Aug. 9. Class 32.

F. I. Products Co., St. Paul, Minn. Fibrous roofing and shingles, sheathing, etc. Serial No. 406,922; Aug. 9. Class 12.

Federal Rubber Company, The, Chicago, Ill., and Chicopee Falls, Mass. Golf balls. Serial No. 407,977; Aug. 9. Class 22.

Fine Art Pillow & Specialties Corporation, New York, N. Y. High chair pads, mattress covers, mosquito nets, etc. Serial No. 406,862; Aug. 9. Class 42.

Fisk Rubber Corporation, The, Chicopee Falls, Mass. Golf balls. Serial No. 407,978; Aug. 9. Class 22.

Fitchburg Screen Plate Company, Inc., Fitchburg, Mass. Screen plates for manufacture of paper. Serial No. 405,844; Aug. 9. Class 23.

Fownes Brothers & Co. Inc., New York, N. Y. Gloves. Serial No. 406,709; Aug. 9. Class 39.

French, Gus H., doing business as French Laboratories, Minneapolis, Minn. Mosquito repellant and insecticide. Serial No. 408,189; Aug. 9. Class 6.

Friesche Coöperatieve Zuivel-Export-Vereeniging, Leeuwarden, Netherlands. Casein. Serial No. 405,244; Aug. 9. Class 1.

Friesche Coöperatieve Zuivel-Export-Vereeniging, Leeuwarden, Netherlands. Butter, cheese, milk powder, etc. Serial No. 405,245; Aug. 9. Class 46.

Fruity Freeze Corporation, Chicago, Ill. Chilled and frozen fruit confection. Serial No. 406,804; Aug. 9. Class 46.

Fulton Bag & Cotton Mills, Atlanta, Ga. Ice delivery bags. Serial No. 403,944; Aug. 9. Class 2.

Garden Hose Spray Company, Incorporated, The, Cambridge, Mass. Insecticide spray guns attached to garden hose. Serial No. 402,060; Aug. 9. Class 23.

General Wire Spring Company. (See Silverman, Abe.)

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Gilbert, Rose, New York, N. Y. Photographic prints. Serial No. 405,496; Aug. 9. Class 38.
Glidden Company, The, Cleveland, Ohio. Soybean flour. Serial No. 400,160; Aug. 9. Class 46.
Graphic Arts Publishing Co., Chicago, Ill. Periodical. Serial No. 406,971; Aug. 9. Class 38.
Great Lakes Golf Ball Company. (See Malbrough, Ira D., Jr.)
Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. Serial No. 407,541; Aug. 9. Class 49.
Hart Products Corporation, The, New York, N. Y. Wetting and moistening preparations, finishing preparations, etc. Serial No. 407,902; Aug. 9. Class 6.
Hayes File Company, Detroit, Mich. Files, rasps, burrs, etc. Serial No. 403,176; Aug. 9. Class 23.
Hearst Magazines, Inc., New York, N. Y. Magazine department published yearly. Serial No. 407,543; Aug. 9. Class 38.
Heat-Flow Valve Company, The. (See Taylor, William H.)
Hercules Powder Company, Wilmington, Del. Chemical compounds. Serial No. 408,101; Aug. 9. Class 6.
Higley Printing Co., The, Butler, Ind. Religious booklet. Serial No. 405,846; Aug. 9. Class 38.
Hind & Harrison Plush Company, The, New York and Clark Mills, N. Y. Plushes in the piece. Serial Nos. 406,247–8; Aug. 9. Class 42.
Hind & Harrison Plush Company, The, New York and Clark Mills, N. Y. Plushes in the piece. Serial No. 406,250; Aug. 9. Class 42.
Hubinger Co., The, Keokuk, Iowa. Table syrup. Serial No. 399,234; Aug. 9. Class 46.
Ideal Roller & Manufacturing Company, Chicago, Ill. Resilient rollers. Serial No. 404,714; Aug. 9. Class 23.
Illinois Clay Products Company, The, Joliet, Ill. Materials comprising treated clay used in the preparation of fluids used in drilling wells and the like. Serial No. 400,694; Aug. 9. Class 1.
Intercontinental Marketing Corporation, New York, N. Y. Cameras, camera parts, exposure meters, etc. Serial No. 404,004; Aug. 9. Class 26.
Italian Cooperative Grocers, Detroit, Mich. Macaroni, wheat flour. Serial No. 402,093; Aug. 9. Class 46.
Jenkins, R. L., Russellville, Ark. Preparation for relief of dandruff. Serial No. 404,314; Aug. 9. Class 6.
Jubilee Manufacturing Company, Omaha, Nebr. Motor vehicle accessories. Serial No. 406,384; Aug. 9. Class 21.
Keasbey & Mattison Company, Ambler, Pa. Roofing materials. Serial No. 405,929; Aug. 9. Class 12.
Kiwanis International, Chicago, Ill. Paper weights and book ends. Serial No. 401,114; Aug. 9. Class 37.
Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. Serial No. 405,258; Aug. 9. Class 40.
Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. Serial Nos. 407,146–7; Aug. 9. Class 40.
Kline, Edward A., Jr., doing business as Chivalry Studios, New York, N. Y. Smokers' articles. Serial No. 406,813; Aug. 9. Class 8.
Lankenau Co., New York, N. Y. Woolen and worsted piece goods. Serial No. 406,722; Aug. 9. Class 42.
Larx Company, Incorporated, Minneapolis, Minn. Concentrated food product. Serial No. 406,455; Aug. 9. Class 46.
Leroux & Co., Inc., Philadelphia, Pa. Sloe gin. Serial Nos. 408,113–4; Aug. 9. Class 49.
Lincoln Electric Company, The, Cleveland, Ohio. Metallic welding electrodes. Serial No. 407,952; Aug. 9. Class 14.
Lombardi Wine Company, Los Angeles, Calif. Wines. Serial No. 406,868; Aug. 9. Class 47.
Lor-el Scientific Essential Laboratories. (See Campbell, Max W.)
Lowe, Joe, Corporation, New York, N. Y. Frozen confections and fruit syrups. Serial No. 401,310; Aug. 9. Class 46.
Lum, Ko Wah, San Francisco, Calif. Cigarettes. Serial No. 407,151; Aug. 9. Class 17.
MacGregor Company, The, Dayton, Ohio. Golf clubs and balls. Serial No. 407,870; Aug. 9. Class 22.
Macy, R. H., & Co., Inc., New York, N. Y. Women's shoes. Serial Nos. 407,100–1; Aug. 9. Class 39.
Macy, R. H., & Co., Inc., New York, N. Y. Garment bags, shoe bags, laundry bags, etc. Serial No. 407,190; Aug. 9. Class 2.
Mae's Products Company, Los Angeles, Calif. Preparation for treatment of asthma, preparation for treatment of hay fever and nasal catarrh, etc. Serial No. 406,982; Aug. 9. Class 6.
Malbrough, Ira D., Jr., doing business as Great Lakes Golf Ball Company, Chicago, Ill. Golf balls. Serial No. 404,814; Aug. 9. Class 22.
Manlove, William E., doing business as Manlove's Laboratories, Norfolk, Va. Preparation for headaches, neuralgia, colds, and fever. Serial No. 407,464; Aug. 9. Class 6.
May Department Stores Company, The, St. Louis, Mo. Sheets, pillow cases and table linens. Serial No. 407,067; Aug. 9. Class 42.
McBee Company, The, Athens, Ohio. Books, booklets, pamphlets. Serial No. 395,761; Aug. 9. Class 38.
McClelland Equipment Co. Inc., Detroit, Mich. Balancing weights, gauges, and wheel balancers. Serial No. 391,539; Aug. 9. Class 26.
McCrory Stores Corporation, New York, N. Y. Dry cell and flashlite batteries. Serial No. 399,844; Aug. 9. Class 21.
McKesson & Robbins, Inc., New York, N. Y. Scotch whisky. Serial No. 408,119; Aug. 9. Class 49.
Mechanical Laboratories, Inc., Pittsburgh, Pa. Cigarette holders and filters. Serial No. 406,025; Aug. 9. Class 8.
Menasha Products Company, Menasha, Wis. Paper napkins. Serial No. 407,102; Aug. 9. Class 37.
Meridian Grain & Elevator Co. (See Wilson, John M.)
Metropolitan Shoemakers, Inc., Chicago, Ill. Shoes. Serial No. 394,340; Aug. 9. Class 39.
Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco. Serial No. 403,603; Aug. 9. Class 17.
Modern Talking Picture Service, Inc., New York, N. Y. Motion pictures and motion picture films. Serial No. 403,778; Aug. 9. Class 26.
Motor Truck Club of Massachusetts, Inc., Boston, Mass. Periodical. Serial No. 394,361; Aug. 9. Class 38.
National Cellulose Corporation, New York, N. Y. Paper polishing tissues. Serial No. 406,429; Aug. 9. Class 37.
National Twist Drill & Tool Co., Detroit, Mich. Twist drills, twist drill bits, reamers, etc. Serial No. 405,403; Aug. 9. Class 23.
New Rexbilt Leather Goods Corp., New York, N. Y. Brief cases, brief case envelopes, portfolios, etc. Serial No. 403,463; Aug. 9. Class 3.
Newsom & Bills, Salt Lake City, Utah. Playroom or playground equipment. Serial No. 408,128; Aug. 9. Class 22.
Ober, R. R., Whittier, Calif. Beverages made from fruit. Serial No. 407,108; Aug. 9. Class 45.
Old Dominion Box Co., Incorporated, Lynchburg, Va. Paper boxes and folding cartons. Serial No. 407,000; Aug. 9. Class 2.
Oneida Ltd., Sherrill and Oneida, N. Y., and Northampton, Mass. Silver plated hollowware. Serial No. 407,385; Aug. 9. Class 28.
Orchard Paper Co., St. Louis, Mo. Paper bags. Serial Nos. 407,683–4; Aug. 9. Class 2.
Pacific Cut Stone and Granite Company, Alhambra, Calif. Granite. Serial No. 401,786; Aug. 9. Class 1.
Pearson, Maghielse & Buttrick, Inc., Grand Rapids, Mich. Games. Serial No. 405,517; Aug. 9. Class 22.
Photo Utilities, Inc., New York, N. Y. Exposure meters. Serial No. 406,564; Aug. 9. Class 26.
Physicians and Hospitals Supply Company, Inc., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Medicinal preparation. Serial No. 406,850; Aug. 9. Class 6.
Pierce, Charles L., Inc., New York, N. Y. Leathers. Serial No. 406,774; Aug. 9. Class 1.
Pinkussohn, J. S., Cigar Company, Charleston and Columbia, S. C., and Savannah, Ga. Smoking tobacco. Serial No. 405,666; Aug. 9. Class 17.
Poor's Publishing Company, Wellesley, Mass. Publications. Serial No. 407,030; Aug. 9. Class 38.
Popper Gray & Co., Inc., New York, N. Y. Cheese. Serial No. 403,706; Aug. 9. Class 46.
Portage Shoe Manufacturing Co. (See Weyenberg Shoe Manufacturing Company.)
Pulp Products Company, Inc., New York, N. Y. Toys. Serial No. 404,545; Aug. 9. Class 22.
Real Gardening, Inc., New Canaan, Conn. Magazine devoted to gardening. Serial No. 407,283; Aug. 9. Class 38.
Records & Goldsborough, Incorporated, Baltimore, Md. Whiskey, gin, brandy, and alcoholic cordials. Serial No. 408,133; Aug. 9. Class 49.
Reilly, Frank C., New York, N. Y. Electric flat irons. Serial No. 401,639; Aug. 9. Class 21.
Reinecke, C. J., Lumber Company, Inc., St. Louis, Mo. Lumber. Serial No. 405,936; Aug. 9. Class 12.
Reynolds Metals Company, Richmond, Va. Metal foil and paper secondary closures for bottles. Serial No. 407,199; Aug. 9. Class 2.
Robeson Process Company, New York, N. Y. Compositions for tanning extract. Serial No. 407,883; Aug. 9. Class 6.
Rogers, Charles P., & Co. Inc., New York, N. Y. Mattresses. Serial No. 407,692; Aug. 9. Class 32.
Rosenholz, J., Inc., New York, N. Y. Piece goods. Serial No. 406,694; Aug. 9. Class 42.
Rosenholz, J., Inc., New York, N. Y. Piece-goods. Serial No. 406,883; Aug. 9. Class 42.
Rowlett, Fred D., Muncie, Ind. Printed trading certificates. Serial No. 401,805; Aug. 9. Class 38.
Saginaw Furniture Shops, Chicago, Ill. Wooden furniture. Serial No. 407,821; Aug. 9. Class 32.
Salvo & Berdon Candy Co., Natchez, Miss. Candy. Serial No. 403,663; Aug. 9. Class 46.
Schultz, Julius I., doing business as The Brilion Hair Remedies Company, Detroit, Mich. Liquid soap. Serial No. 399,155; Aug. 9. Class 6.

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Seekamp, Herman D., St. Louis, Mo. Preparation for treatment of sinus infection and hay fever. Serial No. 407,825; Aug. 9. Class 6.
Selby Shoe Co., The, Portsmouth, Ohio. Shoes. Serial No. 405,321; Aug. 9. Class 39.
Sheesley, F. B., & Son, Harrisburg, Pa. Feeds, mixed feeds and feed ingredients, etc. Serial No. 405,740; Aug. 9. Class 46.
Shiman Bros. & Co., Inc., New York, N. Y. Finger rings. Serial No. 406,782; Aug. 9. Class 28.
Silverman, Abe, doing business as General Wire Spring Company, Pittsburgh, Pa. Closet and drain augers. Serial No. 406,832; Aug. 9. Class 23.
Sir Orlando Recording Co. Inc., Charleston, W. Va. Phonograph records. Serial No. 403,426; Aug. 9. Class 36.
Ski Specialty Manufacturing Company, New York, N. Y. Skis. Serial No. 407,446; Aug. 9. Class 22.
Smead Manufacturing Company, The, Hastings, Minn. Filing pockets, expanding wallets, file folders, etc. Serial No. 403,472; Aug. 9. Class 37.
Smith, Kenneth, Lenexa, Kans. Golf clubs and parts thereof. Serial No. 400,799; Aug. 9. Class 22.
Stern, Edward, & Company, Incorporated, Philadelphia, Pa. Booklets. Serial No. 405,827; Aug. 9. Class 38.
Stifel, J. L., & Sons, Inc., Wheeling, W. Va. Cotton piece goods. Serial No. 405,860; Aug. 9. Class 42.
Strauss, Jules, & Co., Inc., New York, N. Y. Electrical apparatus. Serial No. 405,621; Aug. 9. Class 21.
Sullivan, Vincent A., New York, N. Y. Comic strips and cartoons. Serial No. 402,580; Aug. 9. Class 38.
Sunrise Liquor Corporation, Chicago, Ill. Whiskey. Serial Nos. 408,214–18; Aug. 9. Class 49.
Sunset Oil Company, Los Angeles, Calif. Motor fuel oils. Serial No. 405,530; Aug. 9. Class 15.
Superb Glove Co., The, Johnstown, N. Y. Leather gloves. Serial No. 406,891; Aug. 9. Class 39.
Swift and Company, Chicago, Ill. Process cheese food mixture. Serial No. 407,041; Aug. 9. Class 46.
Swift and Company, Chicago, Ill. Eggs. Serial No. 407,042; Aug. 9. Class 46.
Table Rock Laboratories, Greenville, S. C. Preparation for treatment of hypertension arteriosclerosis angina pectoris, etc. Serial No. 398,221; Aug. 9. Class 6.
Taylor, William H., doing business as The Heat-Flow Valve Company, Cleveland, Ohio. Valves for internal combustion engines. Serial No. 406,835; Aug. 9. Class 23.
Tex-Ite Products Corporation, Brooklyn, N. Y. Cleaning, cleansing, and detergent preparations. Serial No. 404,785; Aug. 9. Class 4.
Tolibia, Jose R., New York, N. Y. Cheese. Serial No. 406,697; Aug. 9. Class 46.
Trade Laboratories, Inc., The, Newark, N. J. Dental cream. Serial No. 407,998; Aug. 9. Class 6.
Ulmer Pharmacal Company. (See Physicians and Hospitals Supply Company, Inc.)
United Chemical Company, Inc., Kansas City, Mo. Preparation for cleaning and polishing windows. Serial No. 405,533; Aug. 9. Class 4.
Van Camp Sea Food Co. Inc., Terminal Island, Calif. Refined fish oil; fish meal; etc. Serial No. 396,940; Aug. 9. Class 46.
Van Lier, Richard, Inc., St. Louis, Mo. Hats and caps. Serial No. 406,788; Aug. 9. Class 39.
Veltex Knitting Company, Inc., Troy, N. Y. Wash cloths and dish cloths. Serial No. 406,076; Aug. 9. Class 42.
Vogt, F. G., & Sons, Incorporated, Philadelphia, Pa. Ham and picnic ham. Serial No. 406,313; Aug. 9. Class 46.
Wain's Laboratory, Inc., Hollywood, Calif. Pharmaceutical preparations. Serial No. 407,778; Aug. 9. Class 6.
Wathen Brothers, Bardstown, Ky. Whiskey, gin, rum, etc. Serial No. 408,141; Aug. 9. Class 49.
Weidlich Sterling Spoon Co., Bridgeport, Conn. Table silver-ware. Serial No. 406,895; Aug. 9. Class 28.
Weiner, Martin, doing business as Martin Weiner Co., New York, N. Y. Textile piece goods. Serial No. 407,076; Aug. 9. Class 42.
Westerman, Max E., doing business as Westerman Manufacturing Co., New York, N. Y. Bill folds, wallets. Serial No. 388,966; Aug. 9. Class 3.
Weyenberg Shoe Manufacturing Company, doing business as Portage Shoe Manufacturing Co., Milwaukee, Wis. Men's leather shoes. Serial No. 406,792; Aug. 9. Class 39.
Wheeler Osgood Sales Corporation, Tacoma, Wash. Resin bonded plywood. Serial No. 406,316; Aug. 9. Class 12.
Wilson, John M., doing business as Meridian Grain & Elevator Co., Meridian, Miss. Horse and mule feed, corn meal, etc. Serial No. 396,704; Aug. 9. Class 46.
Zell Brothers Inc., Portland, Oreg. Watches. Serial No. 405,331; Aug. 9. Class 27.

LIST OF REGISTRANTS OF TRADE-MARKS

A/S Trondhjem Canning and Export Co., Trondheim, Norway. Canned fish. 359,152; Aug. 9; Serial No. 397,565; published Feb. 8, 1938. Class 46.
Adams & Brooks, Los Angeles, Calif. Raw popcorn. 359,257; Aug. 9; Serial No. 404,342; published May 31, 1938. Class 46.
Allen, S. L., & Co., Inc., Philadelphia, Pa. Agricultural implements, garden tractors, and parts thereof. 359,271; Aug. 9; Serial No. 404,556; published May 31, 1938. Class 23.
American Medical Specialties Co. Inc., New York, N. Y. Ethylchloride and lubricating jelly. 359,137; Aug. 9; Serial No. 384,231; published May 24, 1938. Class 6.
American Optical Company, Southbridge, Mass. Apparatus for use in testing eyes. 359,235; Aug. 9; Serial No. 403,891; published May 31, 1938. Class 26.
Anderson, W. E., Company, Greeley, Colo. Potatoes. 359,141; Aug. 9; Serial No. 390,016; published May 31, 1938. Class 46.
Arden, Elizabeth, Inc., New York, N. Y. Perfumes and toilet waters. 359,303; Aug. 9; Serial No. 405,005; published May 24, 1938. Class 6.
Arden, Elizabeth, Inc., New York, N. Y. Soaps. 359,304; Aug. 9; Serial No. 405,006; published May 31, 1938. Class 4.
Arenberg-Plotkin Shoe Company, Scranton, Pa. Women's and children's shoes. 359,241; Aug. 9; Serial No. 404,107; published May 24, 1938. Class 39.
Aridye Corporation, Fair Lawn, N. J. Textile printing pastes and textile printing colors. 359,265; Aug. 9; Serial No. 404,462; published May 17, 1938. Class 6.
Associated Devices Corporation, Philadelphia, Pa. Barber's aprons. 359,135; Aug. 9; Serial No. 354,272; published May 24, 1938. Class 39.
Associated Distributors, Inc., Chicago, Ill. All-over body lotion. 359,176; Aug. 9; Serial No. 401,424; published May 24, 1938. Class 6.
Atlas Powder Company, Wilmington, Del. Solutions of cellulose derivatives. 359,164; Aug. 9; Serial No. 399,875; published May 17, 1938. Class 6.
Bakelite Corporation, New York, N. Y. Magazine section and a booklet or pamphlet. 359,180; Aug. 9; Serial No. 401,595; published May 31, 1938. Class 38.
Barrett Company, The, New York, N. Y. Periodical publication. 359,219; Aug. 9; Serial No. 403,631; published May 24, 1938. Class 38.
Bartmann & Bixer Inc., New York, N. Y. Curtains. 359,254; Aug. 9; Serial No. 404,288; published May 31, 1938. Class 42.
Bausch & Lomb Optical Company, Rochester, N. Y. Objective lenses. 359,286; Aug. 9; Serial No. 404,741; published May 31, 1938. Class 26.
Bedford Refrigeration Service Corporation, Brooklyn, N. Y. Beverage dispensing cabinets. 359,316; Aug. 9. Class 31.
Bee Line Honey Co. (See Schumacher, Hans H.)
Beir, Arthur, & Co., Inc., New York, N. Y. Rayon piece goods. 359,300; Aug. 9; Serial No. 404,978; published May 31, 1938. Class 42.
Bell & Zoller Coal Company, Chicago, Ill. Coal. 359,199; Aug. 9; Serial No. 402,930; published May 31, 1938. Class 1.
Bell & Zoller Coal Company, Chicago, Ill. Coal. 359,203; Aug. 9; Serial No. 403,114; published May 31, 1938. Class 1.
Belskis, Albert, doing business as Yankee Food Prod. Co., Chicago, Ill. Potato chips. 359,147; Aug. 9; Serial No. 395,394; published May 31, 1938. Class 46.
Berg, Charles W., doing business as Fairchild & French, Philadelphia, Pa. Cleansing preparation. 359,255; Aug. 9; Serial No. 404,289; published May 31, 1938. Class 4.
Berke Cake Co. Inc., Brooklyn, N. Y. Cakes and pastries. 359,325; Aug. 9. Class 46.
Bethesda Pharmacal Company, Bethesda, Md. Preparation for epidermophytosis, golfer's itch, etc. 359,311; Aug. 9; Serial No. 405,239; published May 24, 1938. Class 6.
Bilhara Publishing Co. Inc., New York, N. Y. Magazine. 359,220; Aug. 9; Serial No. 403,634; published May 24, 1938. Class 38.
Black & Decker Manufacturing Company, The, Towson, Md. Portable electric shears. 359,236; Aug. 9; Serial No. 403,934; published May 31, 1938. Class 21.
Bloomingdale Bros., Inc., New York, N. Y. Silk piece goods. 359,309; Aug. 9; Serial No. 405,148; published May 31, 1938. Class 42.
Borges, Bernardino J., Lisbon, Portugal. Olive oil. 359,146; Aug. 9; Serial No. 395,121; published May 31, 1938. Class 46.
Bottorff, O. B., St. Louis, Mo. Publication. 359,153; Aug. 9; Serial No. 397,607; published May 24, 1938. Class 38.

Brownsville Citrus Association, Brownsville, Tex. Fresh citrus fruits. 359,181–2; Aug. 9; Serial Nos. 401,598–9; published May 31, 1938. Class 46.
Buckle Proof Lath Co. (See Westberg, Gustave E.)
Bullock's, assignor to Bullock's, Inc., Los Angeles, Calif. Light-weight sheer-silk fabric. 123,893; renewed Dec. 17, 1938.
Capitol Wine & Spirit Corp., New York, N. Y. Rye whiskey. 359,320; Aug. 9. Class 49.
Cenovis-Werke G. m. b. H., Munich, Germany. Yeast, baking powder, dietetic foods, etc. 359,158; Aug. 9; Serial No. 398,236; published May 31, 1938. Class 46.
Cenovis-Werke G. m. b. H., Munich, Germany. Yeast and dietetic foodstuffs. 359,159; Aug. 9; Serial No. 398,237; published May 31, 1938. Class 46.
Charak Furniture Company, Boston, Mass. Furniture. 359,287; Aug. 9; Serial No. 404,748; published May 31, 1938. Class 32.
Chicago Tribune-New York News Syndicate, Inc., New York, N. Y. Newspaper column. 359,210; Aug. 9; Serial No. 403,444; published May 24, 1938. Class 38.
Cliske, Charles H., Chicago, Ill. Preparation for treatment of dandruff, and sore or chapped face and hands. 359,251; Aug. 9; Serial No. 404,204; published May 17, 1938. Class 6.
Citro Chemical Company of America, Maywood, N. J. Dusting powder and nursery powder. 359,247; Aug. 9; Serial No. 404,161; published May 17, 1938. Class 6.
Cohen, Mack, & Nadle, New York, N. Y. Suspenders, garters, and belts. 359,223; Aug. 9; Serial No. 403,702; published May 24, 1938. Class 39.
Cohen, Samuel, Shoe Stores, Inc., Hempstead, N. Y. Shoes. 359,216; Aug. 9; Serial No. 403,581; published May 24, 1938. Class 39.
Comet Tools, Inc., New York, N. Y. Turning tools and turning tool holders. 359,155; Aug. 9; Serial No. 397,928; published Feb. 8, 1938. Class 23.
Communication Engineers, Inc., Seattle, Wash. Electrically operated units including a vocal annunciator combined with an amplifying remote aural pick-up device. 359,138; Aug. 9; Serial No. 386,792; published Sept. 7, 1937. Class 21.
Como-Cleen Company. (See London, David.)
Crabbs Reynolds Taylor Co. Incorporated, Crawfordsville, Ind. Alfalfa-seed, clover-seed, timothy-seed, and grass-seed. 123,896; renewed Dec. 17, 1938.
Curtis Publishing Company, The, Philadelphia, Pa. Agricultural journal. 359,231; Aug. 9; Serial No. 403,859; published May 31, 1938. Class 38.
Curtis Publishing Company, The, Philadelphia, Pa. Section of an agricultural journal. 359,232–3; Aug. 9; Serial Nos. 403,860–1; published May 31, 1938. Class 38.
Dental Research Company. (See Sitkin, John J.)
Distributors Trucking Corporation. (See Tanner-Gross, W. P., & Company, Inc.)
Dixon & Rippel, Newark, N. J. Paint brushes, calcimine brushes, glue brushes, etc. 359,229; Aug. 9; Serial No. 403,814; published May 31, 1938. Class 29.
Dumari Textile Co., Inc., New York, N. Y. Fabrics in the piece. 359,290; Aug. 9; Serial No. 404,839; published May 31, 1938. Class 42.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Ingredients designed to inhibit the growth of mold and bacterial organisms. 359,198; Aug. 9; Serial No. 402,887; published May 24, 1938. Class 6.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Synthetic methanol. 359,283; Aug. 9; Serial No. 404,674; published May 17, 1938. Class 6.
Earnshaw Publications, Inc., Newton, Mass. Buyer's guide. 359,288; Aug. 9; Serial No. 404,752; published May 31, 1938. Class 38.
Effantab Products, Inc., New Rochelle, N. Y. Effervescent antiseptic chloramine tablets. 359,258; Aug. 9; Serial No. 404,355; published May 17, 1938. Class 6.
Elgin Foods, Incorporated, Elgin, Ill. Bakery ingredients. 359,177; Aug. 9; Serial No. 401,475; published May 31, 1938. Class 46.
Ellis, Carleton, Montclair, N. J. Synthetic resin composition. 359,175; Aug. 9; Serial No. 401,377; published May 31, 1938. Class 1.
Etablissements L. D. P. (Laboratoires du Paragerm et de Produits Chimiques), Neuilly-sur-Seine, France. Antiseptics. 359,151; Aug. 9; Serial No. 397,027; published May 24, 1938. Class 6.
Eureka Liquid Wheel Tightener Company, to Mary A. Munfrey, doing business as Wood-Tite Company, Modesto, Calif., successor. Liquid preparations for expanding wood. 120,181; renewed Jan. 15, 1938.
Even-Pul Foundations, New York, N. Y. Corselets, brassières, and girdles. 359,248; Aug. 9; Serial No. 404,169; published May 24, 1938. Class 39.
Even-Pul Foundations, New York, N. Y. Corselets, brassières, and girdles. 359,249; Aug. 9; Serial No. 404,170; published May 31, 1938. Class 39.
Fairchild & French. (See Berg, Charles W.)
Fales Chemical Company, Inc., The, Cornwall Landing, N. Y. Adhesive. 359,178; Aug. 9; Serial No. 401,477; published May 31, 1938. Class 5.
Federal Rubber Company, The, Chicopee Falls, Mass. Tires. 359,314; Aug. 9. Class 35.
Feller, Harry, Company, Inc., Louisville, Ky. Necktles. 359,217; Aug. 9; Serial No. 403,585; published May 31, 1938. Class 39.
Ferst, M. A., Ltd., Atlanta, Ga. Pencil leads. 359,162; Aug. 9; Serial No. 399,335; published May 31, 1938. Class 37.
Florida Portland Cement Company, Chicago, Ill. Cement. 359,256; Aug. 9; Serial No. 404,301; published May 31, 1938. Class 12.
Forster, Henry C., doing business as Henry C. Forster Company, Chicago, Ill. Portable demagnetizing device. 359,225; Aug. 6; Serial No. 403,763; published May 31, 1938. Class 21.
Forstner Chain Corporation, Irvington, N. J. Watches and watch cases. 359,291; Aug. 9; Serial No. 404,847; published May 31, 1938. Class 27.
Fort Howard Paper Company, Green Bay, Wis. Paper napkins, doilies, tissue paper, etc. 359,278; Aug. 9; Serial No. 404,640; published May 31, 1938. Class 37.
Franco Corset Company, New York, N. Y. Foundations and girdles. 359,293; Aug. 9; Serial No. 404,890; published May 31, 1938. Class 39.
Fraser, Alfred A., doing business as Fraser's, Wellesley, Mass. Flower seeds, vegetable seeds, and grass seed. 359,317; Aug. 9. Class 1.
Freydberg Bros., Inc., Stamford, Conn. Shoulder pads. 359,186; Aug. 9; Serial No. 402,089; published May 24, 1938. Class 39.
Frund Products Co., Chicago, Ill. Plastic rubber material. 359,218; Aug. 9; Serial No. 403,587; published May 31, 1938. Class 5.
Gahns, Henrik, Aktiebolag, Uppsala, Sweden. Hard soap, soft soap, soap flakes, etc. 359,324; Aug. 9. Class 4.
Galloway Coal Company, Memphis, Tenn. Bituminous coal. 359,172; Aug. 9; Serial No. 400,835; published May 31, 1938. Class 1.
Gamble Stores Incorporated, Minneapolis, Minn. Face powder, almond lotion, cold cream, etc. 359,149; Aug. 9; Serial No. 396,358; published May 24, 1938. Class 6.
General Animated Signs, Limited, Toronto, Ontario, Canada. Electric signs and displays of all kinds, and electrical equipment used in connection therewith. 359,211; Aug. 9; Serial No. 403,497; published May 31, 1938. Class 21.
General Cable Corporation, New York, N. Y. Insulated electrical wires and cables. 359,285; Aug. 9; Serial No. 404,701; published May 31, 1938. Class 21.
General Chemical Company, New York, N. Y. Chemical compound for use in the manufacture of baking powder and self-rising flour. 359,301; Aug. 9; Serial No. 404,984; published May 24, 1938. Class 6.
General Chemical Company, New York, N. Y. Fluxing compound. 359,302; Aug. 9; Serial No. 404,985; published May 24, 1938. Class 6.
General Dyestuff Corporation, New York, N. Y. Product for improving the light fastness of dyeings. 359,294; Aug. 9; Serial No. 404,893; published May 24, 1938. Class 6.
General Printing Ink Corporation, New York, N. Y. Metal decorating and paper lithographic inks. 359,221; Aug. 9; Serial No. 403,667; published May 31, 1938. Class 11.
Glastic Glass Cement Mfg. (See Woodward, Arthur J.)
Glemby Company, Inc., The, New York, N. Y. Rubber sponges. 359,319; Aug. 9. Class 1.
Glenwood Range Company, Taunton, Mass. Thermostats. 359,200; Aug. 9; Serial No. 403,040; published May 31, 1938. Class 26.
Goldenberg, Claire, New York, N. Y. Neckties. 359,144; Aug. 9; Serial No. 393,945; published May 24, 1938. Class 39.
Graham Paper Company, St. Louis, Mo. Mimeograph paper. 359,323; Aug. 9. Class 37.
Hart, Frank A., New York, N. Y. Medicaments for treating skin diseases. 359,156; Aug. 9; Serial No. 397,933; published May 24, 1938. Class 6.
Hat Corporation of America. (See Knox Hat Company, Inc., assignor.)
Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Printed matter. 359,150; Aug. 9; Serial No. 396,681; published May 31, 1938. Class 38.
Hawley, Adelaide J., Hollywood, Calif. Feminine hygiene preparation. 359,184; Aug. 9; Serial No. 402,003; published May 24, 1938. Class 6.
Herbert & Shanahan, Williamsport, Pa. Medicine. 359,322; Aug. 9. Class 6.
Hickerson, W. H., Company, Inc., The, New York, N. Y. Furniture. 359,313; Aug. 9; Serial No. 405,646; published May 31, 1938. Class 32.
Honorco, Inc., Chicago, Ill. Baking soda, cream of tartar, and laundry bluing. 359,166; Aug. 9; Serial No. 400,104; published Jan. 4, 1938. Class 6.
Hooper, Wm. E., & Sons Company, Baltimore, Md. Cotton piece goods treated so as to resemble leather. 359,329; Aug. 9. Class 50.
House of Tweddle. (See Tweddle, David T.)
Hull, Margaret, Inc., Beverly Hills, Calif. Creams, oils, and lotions. 359,321; Aug. 9. Class 6.
Humble Oil & Refining Company, Houston, Tex. Coatings, thinners, reducers, and oils for use therewith. 359,310; Aug. 9; Serial No. 405,206; published May 31, 1938. Class 16.

Inland Laboratories, Incorporated, Indianapolis, Ind. Effervescent alkalizer. 359,308; Aug. 9; Serial No. 405,119; published May 24, 1938. Class 6.
Jacobs, Joseph, New York, N. Y. Razor blades. 359,168; Aug. 9; Serial No. 400,304; published May 31, 1938. Class 23.
Jadransko Anonimo Drustvo Cement Portland, Solin by Split, Yugoslavia. Portland cement. 359,160; Aug. 9; Serial No. 398,682; published May 31, 1938. Class 12.
Jordan Marsh Company, Boston, Mass. Boots and shoes. 359,240; Aug. 9; Serial No. 404,085; published May 24, 1938. Class 39.
Kaplan Brothers, New York, N. Y. Sheets, pillow-cases, and bed spreads. 359,259; Aug. 9; Serial No. 404,366; published May 31, 1938. Class 42.
Kates-Boylston Publications, Inc. (See Periodical Publishing Co.)
Keasbey & Mattison Company, Ambler, Pa. Asbestos cements, asbestos papers, etc. 359,222; Aug. 9; Serial No. 403,694; published May 24, 1938. Class 12.
Keasbey & Mattison Company, Ambler, Pa. Magnesia carbonate. 359,263; Aug. 9; Serial No. 404,410; published May 17, 1938. Class 6.
Kelco Company, San Diego, Calif. Sodium or ammonium alginate product. 359,204; Aug. 9; Serial No. 403,136; published May 31, 1938. Class 16.
"Kleeners" Pty. Limited, Sydney, Australia. Cleansing and polishing powders. 359,170; Aug. 9; Serial No. 400,557; published May 31, 1938. Class 4.
Knox Hat Company, Inc., New York, N. Y., assignor to Hat Corporation of America, Norwalk, Conn. Canes, parasols, and umbrellas. 123,909; renewed Dec. 17, 1938.
Knox Hat Company, Inc., New York, N. Y., assignor to Hat Corporation of America, Norwalk, Conn. Clothing. 123,910; renewed Dec. 17, 1938.
Knox Hat Company, Inc., New York, N. Y., assignor to Hat Corporation of America, Norwalk, Conn. Men's hats. 124,009; renewed Dec. 31, 1938.
Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth, Budweis, Czechoslovakia. Lead pencils, coloured chalk pencils, and coloured sticks. 359,315; Aug. 9. Class 37.
Koppitz Melchers, Inc., Detroit, Mich. Beer. 359,305; Aug. 9; Serial No. 405,023; published May 31, 1938. Class 48.
Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. 359,207; Aug. 9; Serial No. 403,268; published May 31, 1938. Class 49.
Lamont, Corliss & Company, New York, N. Y. Cocoa and chocolate syrup. 359,139; Aug. 9; Serial No. 387,135; published May 31, 1938. Class 46.
Landrin, Albert, Paris, France. Liquid with an ephedrine base for treatment of colds, etc. 359,212; Aug. 9; Serial No. 403,510; published May 17, 1938. Class 6.
Lanman & Kemp-Barclay & Co., Incorporated, New York, N. Y. Laxative preparations, sarsaparilla, witch hazel extract, etc. 359,276; Aug. 9; Serial No. 404,611; published May 17, 1938. Class 6.
Laucks, I. F., Inc., Seattle, Wash. Glues and adhesives. 359,142; Aug. 9; Serial No. 393,081; published July 13, 1937. Class 5.
Lentheric, Incorporated, New York, N. Y. Preparations for perfuming rooms, closets, and the like. 359,205; Aug. 9; Serial No. 403,138; published May 24, 1938. Class 6.
Lidseen, Gustave, assignor to Gustave Lidseen, Inc., Chicago, Ill. Force-feed oil-cans. 123,048; renewed Oct. 8, 1938.
Lin-Tox Corporation, Port Chester, N. Y. Insecticides. 359,312; Aug. 9; Serial No. 405,260; published May 24, 1938. Class 6.
London, David, doing business as The Como-Cleen Company, Baltimore, Md. Antiseptic aid. 359,163; Aug. 9; Serial No. 399,613; published Mar. 1, 1938. Class 6.
Macy, R. H., & Co., assignor to R. H. Macy & Co., Inc., New York, N. Y. Corsets. 122,600; renewed Aug. 27, 1938.
Magnavox Company, The, Fort Wayne, Ind. Electrolytic capacitors, condensers, and parts thereof. 359,279; Aug. 9; Serial No. 404,652; published May 31, 1938. Class 21.
Mallinckrodt Chemical Works, St. Louis, Mo. Acetphenetidin, acid acetylsalicylic, etc. 359,179; Aug. 9; Serial No. 401,577; published May 24, 1938. Class 6.
Mallinson Fabrics Corp., New York, N. Y. Piece goods. 359,326; Aug. 9. Class 42.
Mallory, P. R., & Co., Inc., Indianapolis, Ind. Electric power supply devices. 359,145; Aug. 9; Serial No. 393,959; published Nov. 30, 1937. Class 21.
Manhattan Shirt Company, The, New York, N. Y. Shirts and collars. 124,019; renewed Dec. 31, 1938.
Matheny, H. E., Charleston, W. Va. Preparation for treating athlete's foot and ring worm. 359,192; Aug. 9; Serial No. 402,405; published May 17, 1938. Class 6.
McCarthy, Charlie, Inc., New York, N. Y. Dolls. 359,188–9; Aug. 9; Serial Nos. 402,131–2; published May 31, 1938. Class 22.
McCrory Stores Corporation, New York, N. Y. Doughnuts. 359,191; Aug. 9; Serial No. 402,304; published May 31, 1938. Class 46.
McNeil Drug Company, doing business as McNeil Drug Co. (Inc.), Jacksonville, Fla. Liniment. 359,242; Aug. 9; Serial No. 404,131; published May 17, 1938. Class 6.
McNeil Drug Company, doing business as McNeil Drug Co. Inc., Jacksonville, Fla. Pills. 359,272; Aug. 9; Serial No. 404,576; published May 17, 1938. Class 6.
Meier & Frank Company, Inc., Portland, Oreg. Furniture. 359,154; Aug. 9; Serial No. 397,859; published Jan. 18, 1938. Class 32.
Meier, Joshua, Incorporated, New York, N. Y. Transparent envelopes. 359,284; Aug. 9; Serial No. 404,676; published May 31, 1938. Class 37.
Menseze Company, Incorporated, Atlanta, Ga. Preparation for relief of menstrual pain. 359,140; Aug. 9; Serial No. 389,564; published May 24, 1938. Class 6.
Merck & Co. Inc., Rahway, N. J. Human and veterinary medicines used in bacterial infections. 359,171; Aug. 9; Serial No. 400,606; published May 17, 1938. Class 6.
Michigan Brewing Company, Grand Rapids, Mich. Beer. 359,307; Aug. 9; Serial No. 405,094; published May 31, 1938. Class 48.
Mineralized Foods, Inc., Baltimore, Md. Concentrated food. 359,328; Aug. 9. Class 46.
Mode Knitting Mills, Inc., The, Chicago, Ill. Hats, shirts, swimming suits, and sweaters. 359,167; Aug. 9; Serial No. 400,167; published May 24, 1938. Class 39.
Monsanto Chemical Company, St. Louis, Mo. Insecticides, germicides, bactericides, etc. 359,273; Aug. 9; Serial No. 404,577; published May 24, 1938. Class 6.
Moore, Bart, Jr., San Antonio, Tex. Cartoons and newspaper column. 359,295; Aug. 9; Serial No. 404,902; published May 31, 1938. Class 38.
Moss Corporation, The, Boston, Mass. Shoes and insoles therefor. 359,237; Aug. 9; Serial No. 403,955; published May 24, 1938. Class 39.
Munfrey, Mary A. (See Eureka Liquid Wheel Tightener Company.)
Murley-Rolleston Corporation, New York, N. Y. Electromedical and electro-surgical apparatus. 359,274; Aug. 9; Serial No. 404,579; published June 7, 1938. Class 44
National Licorice Company, Brooklyn, N. Y. Licorice candy. 359,280; Aug. 9; Serial No. 404,656; published May 31, 1938. Class 46.
Nebraska Consolidated Mills Co., Omaha, Nebr. Wheat flour. 359,238; Aug. 9; Serial No. 404,007; published May 31, 1938. Class 46.
Nehi, Inc., Columbus, Ga. Beverages, and syrups and extracts for making the same. 359,306; Aug. 9; Serial No. 405,032; published May 31, 1938. Class 45.
Nephron Co. (See Pitts, Arthur W.)
Nichols Manufacturing Co., The, Bridgeport, Conn. Catamenial garments. 359,327; Aug. 9. Class 44.
Northern Equipment Company, Erie, Pa. Feed-water regulators and pump-governors. 124,032; renewed Dec. 31, 1938.
Oatman Condensed Milk Co., The, Dundee, Ill., assignor to The Oatman Condensed Milk Company, Milwaukee, Wis. Evaporated milk. 122,099; renewed June 25, 1938.
O-Cedar Corp'n., Chicago, Ill. Mops. 359,297; Aug. 9; Serial No. 404,952; published May 31, 1938. Class 29.
Oliver Tire & Rubber Company, Oakland, Calif. Black sheet gum for patching, cushion gum, and rubber in strip form for retreading tires. 359,213; Aug. 9; Serial No. 403,519; published May 31, 1938. Class 35.
Osten, Alfred A., doing business as Rat Lunches Company, Carroll, Iowa. Vermin exterminator for rats and mice. 359,230; Aug. 9; Serial No. 403,825; published May 17, 1938. Class 6.
Paladini, A., & Co., New York, N. Y. Book-ends. 359,161; Aug. 9; Serial No. 399,199; published May 31, 1938. Class 32.
Parfums Revillon, Paris, France. Perfumes. 359,201; Aug. 9; Serial No. 403,056; published May 24, 1938. Class 6.
Parke, Davis & Company, Detroit, Mich. Preparation intended for treatment of spasmodic and convulsive conditions. 359,292; Aug. 9; Serial No. 404,865; published May 24, 1938. Class 6.
Pennsylvania Distilling Co., Inc., Loganspport and Philadelphia, Pa. Whiskey. 359,281; Aug. 9; Serial No. 404,659; published May 31, 1938. Class 49.
Pepperell Manufacturing Company, Boston, Mass. Textile fabrics in the piece. 359,296; Aug. 9; Serial No. 404,905; published May 31, 1938. Class 42.
Pennsylvania Salt Manufacturing Company, The, Philadelphia, Pa. House organ. 359,269; Aug. 9; Serial No. 404,541; published May 24, 1938. Class 38.
Periodical Publishing Co., Grand Rapids, Mich., to Kates-Boylston Publications, Inc., New York, N. Y., successor. Publication. 120,690; renewed Feb. 26, 1938.
Perocco, A. (See Russell, Marvin, & A. Perocco.)
Pfanstiehl Chemical Company, Waukegan, Ill. Phonograph needles. 359,318; Aug. 9. Class 36.
Pfister Hybrid Corn Company, El Paso, Tex. Seed corn. 359,165; Aug. 9; Serial No. 399,896; published May 31, 1938. Class 1.
Phosphate Mining Company, The, New York, N. Y. Detergent and cleanser. 359,206; Aug. 9; Serial No. 403,146; published May 31, 1938. Class 4.
Phosphate Mining Company, The, New York, N. Y. Fertilizer and fertilizer materials. 359,270; Aug. 9; Serial No. 404,542; published May 31, 1938. Class 10.
Pick, Richard, & Heller Co., Chicago, Ill. Artificial leather or leatherette. 359,282; Aug. 9; Serial No. 404,662; published May 31, 1938. Class 50.

Picture Magazines, Inc., New York, N. Y. Illustrated magazine. 359,169; Aug. 9; Serial No. 400,353; published May 31, 1938. Class 38.
Pitts, Arthur W., doing business as Nephron Co., Tacoma, Wash. Inhalant. 359,266; Aug. 9; Serial No. 404,485; published May 24, 1938. Class 6.
Poinier, Arthur B., St. Joseph, Mo. Cartoon section of newspapers, etc. 359,275; Aug. 9; Serial No. 404,582; published May 24, 1938. Class 38.
Poster Products, Inc., Chicago, Ill. Advertising and decorative placards. 359,214; Aug. 9; Serial No. 403,520; published May 24, 1938. Class 38.
Publication Corporation, New York, N. Y. Newspaper magazine supplement. 359,202; Aug. 9; Serial No. 403,058; published May 24, 1938. Class 38.
Rat Lunches Company. (See Osten, Alfred A.)
Robsjohn-Gibbings, Ltd., New York, N. Y. Furniture and upholstery. 359,260–1; Aug. 9; Serial Nos. 404,376–7; published May 31, 1938. Class 32.
Russell, Marvin, & A. Perocco, Santa Barbara, Calif. Carbonated beverage. 359,187; Aug. 9; Serial No. 402,102; published May 31, 1938. Class 45.
Rust-O-Vac Company. (See Searles, Robert M.)
Ryan Everets Co., New York, N. Y. Overalls, undershirts, and drawers. 359,190; Aug. 9; Serial No. 402,203; published May 24, 1938. Class 39.
Schainman Sportswear Co., New York, N. Y. Clothing. 359,262; Aug. 9; Serial No. 404,379; published May 31, 1938. Class 39.
Schumacher, Hans H., doing business as Bee Line Honey Co., Alhambra, Calif. Honey. 359,173; Aug. 9; Serial No. 401,198; published May 31, 1938. Class 46.
Schwab, S. M., Jr. & Co., New York, N. Y. Piece goods and drapes. 359,243; Aug. 9; Serial No. 404,137; published May 31, 1938. Class 42.
Searles, Robert M., doing business as Rust-O-Vac Company, Philadelphia, Pa. Liquid rust eliminator and preventive. 359,194; Aug. 9; Serial No. 402,796; published May 24, 1938. Class 6.
Showmen's Trade Review, Inc., New York, N. Y. Section or department of a magazine. 359,250; Aug. 9; Serial No. 404,188; published May 24, 1938. Class 38.
Simpson, Wm., Sons & Co., Inc., Philadelphia, Pa. Cotton piece goods. 359,298; Aug. 9; Serial No. 404,958; published May 31, 1938. Class 42.
Sitkin, John J., doing business as Dental Research Company, Los Angeles, Calif. Plastic denture bases, plastic dental repair material, etc. 359,193; Aug. 9; Serial No. 402,448; published June 7, 1938. Class 44.
Smith, C. Nelson, Co. Inc., West Allis, Wis. Preparation used as an antiseptic douche for cows, etc. 359,215; Aug. 9; Serial No. 403,565; published May 17, 1938. Class 6.
Smith, J. Lynn. (See Titusville Elastic Chair Company, Ltd.)
Smoo Manufacturing Company, Limited, The, Wrexham, North Wales. Pre-shave lotions. 359,209; Aug. 9; Serial No. 403,334; published May 31, 1938. Class 4.
Southern Publishing Company, Fernandina, Fla. Magazine. 359,226; Aug. 9; Serial No. 403,789; published May 24, 1938. Class 38.
Spiegel & Sons Company, Dallas, Tex. Medical cabinets. 359,148; Aug. 9; Serial No. 395,773; published June 7, 1938. Class 44.
Swartzbaugh Manufacturing Company, The, Toledo, Ohio. Electric cooking appliances. 359,224; Aug. 9; Serial No. 403,708; published May 31, 1938. Class 21.
Tanner-Gross, W. P., & Company, Inc., assignor to Distributors Trucking Corporation, New York, N. Y. Wheat-flour. 124,055; renewed Dec. 31, 1938.
Tex-Ite Products Corporation, Brooklyn, N. Y. Concentrated lye, drain solvent, baking soda, etc. 359,289; Aug. 9; Serial No. 404,784; published May 24, 1938. Class 6.
Titusville Elastic Chair Company, Ltd., to J. Lynn Smith, Titusville, Pa., successor. Gage-poles. 124,056; renewed Dec. 31, 1938.
Togstad, C. I., Company, The, Kokomo, Ind. Cosmetics. 359,234; Aug. 9; Serial No. 403,880; published May 17, 1938. Class 6.
Transit Mixers, Inc., San Francisco, Calif. Concrete truck mixers. 359,330; Aug. 9. Class 23.
Tre-Zur Brassiere Co., Inc., Los Angeles, Calif. Brassières, girdles, garter belts, etc. 359,208; Aug. 9; Serial No. 403,290; published May 24, 1938. Class 39.
Trojan Hat Co. Inc., New York, N. Y. Ladies' hats. 359,264; Aug. 9; Serial No. 404,423; published May 31, 1938. Class 39.
Truscon Steel Company, Youngstown, Ohio, and Detroit, Mich., assignor to Truscon Laboratories, Inc., Detroit, Mich. Paints and painters' materials. 124,057; renewed Dec. 31, 1938.
Trzet, W. (See Trzetrzewinski.)
Trzetrzewinski, Wladyslaw, known as W. Trzet, Hoboken, N. J. Cake. 359,267–8; Aug. 9; Serial Nos. 404,498–9; published May 31, 1938. Class 46.
Tweddle, David T., doing business as House of Tweddle, Los Angeles, Calif. Preparation for the relief of sinus infections. 359,185; Aug. 9; Serial No. 402,037; published May 24, 1938. Class 6.
Twin City Mfg. Co., Inc., Norfolk, Va. Ammonia, castor oil, white petroleum jelly, etc. 359,252; Aug. 9; Serial No. 404,242; published May 24, 1938. Class 6.
Tyler Laboratories, Inc., Brooklyn, N. Y. Alterative food supplement. 359,195; Aug. 9; Serial No. 402,800; published May 24, 1938. Class 6.
United Feature Syndicate, Inc., New York, N. Y. Serial drawings published in newspapers. 359,227; Aug. 9; Serial No. 403,793; published May 24, 1938. Class 38.
Varner, Willis C., Edwardsville, Ill. Trading stamps. 359,228; Aug. 9; Serial No. 403,803; published May 24, 1938. Class 38.
Vazah, Inc., New York, N. Y. Buttons. 359,239; Aug. 9; Serial No. 404,020; published May 31, 1938. Class 40.
Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Metal clad thermal insulating and waterproofing materials. 359,196; Aug. 9; Serial No. 402,804; published May 31, 1938. Class 12.
Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Metallic thermal insulating and waterproofing material. 359,197; Aug. 9; Serial No. 402,831; published May 31, 1938. Class 12.
Webster, William A., Co., The, Memphis, Tenn. Hair dressings and shampoos. 359,157; Aug. 9; Serial No. 398,069; published May 24, 1938. Class 6.
Westberg, Gustave E., doing business as Buckle Proof Lath Co., Los Angeles, Calif. Building lath. 359,136; Aug. 9; Serial No. 375,413; published May 31, 1938. Class 12.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric washers and ironers. 359,299; Aug. 9; Serial No. 404,970; published June 7, 1938. Class 24.
Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Apparatus for making radiographic and fluoroscopic diagnostic examinations. 359,244–5; Aug. 9; Serial Nos. 404,144–5; published May 31, 1938. Class 44.
Wilson, Andrew, Inc., Springfield, N. J. Insecticide and fungicide. 359,183; Aug. 9; Serial No. 401,842; published May 17, 1938. Class 6.
Wohl Shoe Company, St. Louis, Mo. Shoes, slippers, pumps, etc. 359,253; Aug. 9; Serial No. 404,278; published May 31, 1938. Class 39.
Wood-Tite Company. (See Eureka Liquid Wheel Tightener Company.)
Woodward, Arthur J., doing business as Glastic Glass Cement Mfg., Los Angeles, Calif. Glass cement. 359,246; Aug. 9; Serial No. 404,156; published May 31, 1938. Class 5.
Yahr, Irving, & Co., Inc., New York, N. Y. Ladies' wearing apparel. 359,174; Aug. 9; Serial No. 401,325; published May 24, 1938. Class 39.
Yankee Food Prod. Co. (See Belskis, Albert.)

LIST OF REGISTRANTS OF LABELS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Macaroni Shells. For Macaroni Shells. 51,591; Aug. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Macaroni Elbows. For Macaroni Elbows. 51,592; Aug. 9.
Container Corporation of America, Chicago, Ill. Ice Cream. For Ice Cream. 51,593–4; Aug. 9.
General Mills, Inc., Minneapolis, Minn. Bisquick. For Biscuit Flour. 51,595–8; Aug. 9.
Markwell Manufacturing Company, Inc., New York, N. Y. Markwell RW Staples. For Staples. 51,599; Aug. 9.
Menasha Products Company, Menasha, Wis. Gear's Peelee Ice Cream. For Ice Cream. 51,600; Aug. 9.
Ostroff, Irving, doing business as Squarex Advertising Company, New York, N. Y. R. C. Van Name. For Paint. 51,601; Aug. 9.
Reitan, J. O., Oyster Sales, Sumner, Wash. Sea-Snack. For Oysters. 51,602; Aug. 9.
Squarex Advertising Company. (See Ostroff, Irving.)
Steiner, Emil E., Glendale, Calif. Drink Mixo. For Thirst Quencher. 51,603; Aug. 9.
Strattman, C. E., San Diego, Calif. San Diego Pure-Sweet. For Fruit Juices. 51,604; Aug. 9.
Transpo Corporation of America, Kansas City, Mo. Transpo Bonded. For Automobiles. 51,605; Aug. 9.

LIST OF REGISTRANTS OF PRINTS

Lauby, Geo. E., Uniontown, Ohio. Lauby's Hulless Popcorn. For Popcorn. 16,962; Aug. 9.
Reynolds, R. J., Tobacco Co., The, Winston-Salem, N. C. Camel E–22. For Cigarettes. 16,963; Aug. 9.
Reynolds, R. J., Tobacco Co., The, Winston-Salem, N. C. Camel E–23. For Cigarettes. 16,964; Aug. 9.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Bell & Zoller Coal Company. 359,199; Aug. 9; Serial No. 402,930; published May 31, 1938.
Coal. Bell & Zoller Coal Company. 359,203; Aug. 9; Serial No. 403,114; published May 31, 1938.
Coal, Bituminous. Galloway Coal Company. 359,172; Aug. 9; Serial No. 400,835; published May 31, 1938.
Resin composition, Synthetic. C. Ellis. 359,175; Aug. 9; Serial No. 401,377; published May 31, 1938.
Seed, clover-seed, timothy-seed, and grass seed, Alfalfa. Crabbs Reynolds Taylor Co. Incorporated. 123,896; renewed Dec. 17, 1938.
Seed corn. Pfister Hybrid Corn Company. 359,165; Aug. 9; Serial No. 399,896; published May 31, 1938.
Seeds, vegetable seeds, and grass seed, Flower. A. A. Fraser. 359,317; Aug. 9.
Sponges, Rubber. Glemby Company. 359,319; Aug. 9.

CLASS 2

Oil-cans, Force-feed. G. Lidseen. 123,048; renewed Oct. 8, 1938.

CLASS 4

Cleansing and polishing powders. "Kleeners" Pty. Limited. 359,170; Aug. 9; Serial No. 400,557; published May 31, 1938.
Cleansing preparation. C. W. Berg. 359,255; Aug. 9; Serial No. 404,289; published May 31, 1938.
Detergent and cleanser. Phosphate Mining Company. 359,206; Aug. 9; Serial No. 403,146; published May 31, 1938.
Lotions, Pre-shave. Smoo Manufacturing Company. 359,209; Aug. 9; Serial No. 403,334; published May 31, 1938.
Soap, soft soap, soap flakes, etc., Hard. Henrik Gahns Aktiebolag. 359,324; Aug. 9.
Soaps. Elizabeth Arden, Inc. 359,304; Aug. 9; Serial No. 405,006; published May 31, 1938.

CLASS 5

Adhesive. Fales Chemical Company. 359,178; Aug. 9; Serial No. 401,477; published May 31, 1938.
Cement, Glass. A. J. Woodward. 359,246; Aug. 9; Serial No. 404,156; published May 31, 1938.
Glues and adhesives. I. F. Laucks, Inc. 359,142; Aug. 9; Serial No. 393,081; published July 13, 1937.
Material, Plastic rubber. Frund Products Co. 359,218; Aug. 9; Serial No. 403,587; published May 31, 1938.

CLASS 6

Acetphenetidin, acid acetylsalicylic, etc. Mallinckrodt Chemical Works. 359,179; Aug. 9; Serial No. 401,577; published May 24, 1938.
Alkalizer, Effervescent. Inland Laboratories, Incorporated. 359,308; Aug. 9; Serial No. 405,119; published May 24, 1938.
Ammonia, castor oil, white petroleum jelly, etc. Twin City Mfg. Co. 359,252; Aug. 9; Serial No. 404,242; published May 24, 1938.
Antiseptic aid. D. London. 359,163; Aug. 9; Serial No. 399,613; published Mar. 1, 1938.
Antiseptics. Etablissements L. D. P. (Laboratoires du et de Produits Chimiques). 359,151; Aug. 9; Serial No. 397,027; published May 24, 1938.
Chemical compound for use in the manufacture of baking powder and self-rising flour. General Chemical Company. 359,301; Aug. 9; Serial No. 404,984; published May 24, 1938.
Chloramine tablets, Effervescent antiseptic. Effantab Products, Inc. 359,258; Aug. 9; Serial No. 404,355; published May 17, 1938.
Cosmetics. C. I. Togstad Company. 359,234; Aug. 9; Serial No. 403,880; published May 17, 1938.
Creams, oils, and lotions. Margaret Hull, Inc. 359,321; Aug. 9.
Dressings and shampoos, Hair. William A. Webster Co. 359,157; Aug. 9; Serial No. 398,069; published May 24, 1938.
Ethylchloride and lubricating jelly. American Medical Specialties Co. Inc. 359,137; Aug. 9; Serial No. 384,231; published May 24, 1938.
Fluxing compound. General Chemical Company. 359,302; Aug. 9; Serial No. 404,985; published May 24, 1938.
Food supplement, Alterative. Tyler Laboratories, Inc. 359,195; Aug. 9; Serial No. 402,800; published May 24, 1938.
Hygiene preparation, Feminine. A. J. Hawley. 359,184; Aug. 9; Serial No. 402,003; published May 24, 1938.
Ingredients designed to inhibit the growth of mold and bacterial organisms. E. I. du Pont de Nemours and Company. 359,198; Aug. 9; Serial No. 402,887; published May 24, 1938.
Inhalant. A. W. Pitts. 359,266; Aug. 9; Serial No. 404,485; published May 24, 1938.
Insecticide and fungicide. Andrew Wilson, Inc. 359,183; Aug. 9; Serial No. 401,842; published May 17, 1938.
Insecticides. Lin-Tox Corporation. 359,312; Aug. 9; Serial No. 405,260; published May 24, 1938.
Insecticides, germicides, bactericides, etc. Monsanto Chemical Company. 359,273; Aug. 9; Serial No. 404,577; published May 24, 1938.
Laxative preparations; sarsaparilla; witch hazel extract; etc. Lanman & Kemp-Barclay & Co. 359,276; Aug. 9; Serial No. 404,611; published May 17, 1938.
Liniment. McNeil Drug Company. 359,242; Aug. 9; Serial No. 404,131; published May 17, 1938.
Liquid with an ephedrine base for treatment of colds, etc. A. Landrin. 359,212; Aug. 9; Serial No. 403,510; published May 17, 1938.
Lotion, All-over body. Associated Distributors, Inc. 359,176; Aug. 9; Serial No. 401,424; published May 24, 1938.
Lye, drain solvent, baking soda, etc., Concentrated. Tex-Ite Products Corporation. 359,289; Aug. 9; Serial No. 404,784; published May 24, 1938.
Magnesia carbonate. Keasbey & Mattison Company. 359,263; Aug. 9; Serial No. 404,410; published May 17, 1938.
Medicaments for treating skin diseases. F. A. Hart. 359,156; Aug. 9; Serial No. 397,933; published May 24, 1938.
Medicine. Herbert & Shanahan. 359,322; Aug. 9.
Medicines used in bacterial infections, Human and veterinary. Merck & Co. Inc. 359,171; Aug. 9; Serial No. 400,606; published May 17, 1938.
Methanol, Synthetic. E. I. du Pont de Nemours and Company. 359,283; Aug. 9; Serial No. 404,674; published May 17, 1938.
Pastes and textile printing colors, Textile printing. Aridye Corporation. 359,265; Aug. 9; Serial No. 404,462; published May 17, 1938.
Perfumes. Parfums Revillon. 359,201; Aug. 9; Serial No. 403,056; published May 24, 1938.
Perfumes and toilet waters. Elizabeth Arden, Inc. 359,303; Aug. 9; Serial No. 405,005; published May 24, 1938.
Pills. McNeil Drug Company. 359,272; Aug. 9; Serial No. 404,576; published May 17, 1938.
Powder, almond lotion, cold cream, etc. Gamble Stores Incorporated. 359,149; Aug. 9; Serial No. 396,358; published May 24, 1938.
Powder, Dusting and nursery. Citro Chemical Company of America. 359,247; Aug. 9; Serial No. 404,161; published May 17, 1938.
Preparation for relief of menstrual pain. Menseze Company. 359,140; Aug. 9; Serial No. 389,564; published May 24, 1938.
Preparation for the relief of sinus infections. D. T. Tweddle. 359,185; Aug. 9; Serial No. 402,037; published May 24, 1938.
Preparation for treating athlete's foot and ring worm. H. E. Matheny. 359,192; Aug. 9; Serial No. 402,405; published May 17, 1938.
Preparation for treatment of dandruff, and sore or chapped face and hands. C. H. Ciliske. 359,251; Aug. 9; Serial No. 404,204; published May 17, 1938.
Preparation for treatment of epidermophytosis, athlete's foot, golfer's itch, etc. Bethesda Pharmacal Company. 359,311; Aug. 9; Serial No. 405,239; published May 24, 1938.
Preparation intended for treatment of spasmodic and convulsive conditions. Parke, Davis & Company. 359,292; Aug. 9; Serial No. 404,865; published May 24, 1938.
Preparation used as an antiseptic douche for cows, etc. C. Nelson Smith Co. Inc. 359,215; Aug. 9; Serial No. 403,565; published May 17, 1938.
Preparations for expanding wood, Liquid. Eureka Liquid Wheel Tightener Company. 120,181; renewed Jan. 15, 1938.
Preparations for perfuming rooms, closets, and the like. Lentheric, Incorporated. 359,205; Aug. 9; Serial No. 403,138; published May 24, 1938.

Product for improving the light fastenings of dyeings. General Dyestuff Corporation. 359,294; Aug. 9; Serial No. 404,893; published May 24, 1938.
Rust eliminator and preventive, Liquid. R. M. Searles. 359,194; Aug. 9; Serial No. 402,796; published May 24, 1938.
Soda, cream of tartar and laundry bluing. Baking. Honorco, Inc. 359,166; Aug. 9; Serial No. 400,104; published Jan. 4, 1938.
Solutions of celluiose derivatives. Atlas Powder Company. 359,164; Aug. 9; Serial No. 399,875; published May 17, 1938.
Vermin exterminator for rats and mice. A. A. Osten. 359,230; Aug. 9; Serial No. 403,825; published May 17, 1938.

CLASS 10

Fertilizer and fertilizer materials. Phosphate Mining Company. 359,270; Aug. 9; Serial No. 404,542; published May 31, 1938.

CLASS 11

Inks, Metal decorating and paper lithographing. General Printing Ink Corporation. 359,221; Aug. 9; Serial No. 403,667; published May 31, 1938.

CLASS 12

Cement. Florida Portland Cement Company. 359,256; Aug. 9; Serial No. 404,301; published May 31, 1938.
Cement, Portland. Jadransko Anonimo Drustvo Cement Portland. 359,160; Aug. 9; Serial No. 398,682; published May 31, 1938.
Cements, asbestos papers, etc., Asbestos. Keasbey & Mattison Company. 359,222; Aug. 9; Serial No. 403,694; published May 24, 1938.
Lath, Building. G. E. Westberg. 359,136; Aug. 9; Serial No. 375,413; published May 31, 1938.
Material, Metallic thermal insulating and waterproofing. Vereinigte Deutsche Metallwerke Aktiengesellschaft. 359,197; Aug. 9; Serial No. 402,831; published May 31, 1938.
Materials, Metal clad thermal insulating and waterproofing. Vereinigte Deutsche Metallwerke Aktiengesellschaft. 359,196; Aug. 9; Serial No. 402,804; published May 31, 1938.

CLASS 16

Coatings, thinners, reducers, and oils for use therewith. Humble Oil & Refining Company. 359,310; Aug. 9; Serial No. 405,206; published May 31, 1938.
Paints and painters' materials. Truscon Steel Company. 124,057; renewed Dec. 31, 1938.
Sodium or ammonium alginate. Kelco Company. 359,204; Aug. 9; Serial No. 403,136; published May 31, 1938.

CLASS 21

Capacitors, condensers, and parts thereof, Electrolytic. Magnavox Company. 359,279; Aug. 9; Serial No. 404,652; published May 31, 1938.
Cooking appliances, Electric. Swartzbaugh Manufacturing Company. 359,224; Aug. 9; Serial No. 403,708; published May 31, 1938.
Demagnetizing device, Portable. H. C. Forster. 359,225; Aug. 9; Serial No. 403,763; published May 31, 1938.
Electric power supply devices. P. R. Mallory & Co. 359,145; Aug. 9; Serial No. 393,959; published Nov. 30, 1937.
Electrical wires and cables, Insulated. General Cable Corporation. 359,285; Aug. 9; Serial No. 404,701; published May 31, 1938.
Electrically operated units including a vocal annunciator combined with and amplifying remote aural pick-up device. Communication Engineers, Inc. 359,138; Aug. 9; Serial No. 386,792; published Sept. 7, 1937.
Shears, Portable electric. Black & Decker Manufacturing Company. 359,236; Aug. 9; Serial No. 403,934; published May 31, 1938.
Signs and displays of all kinds, and electrical equipment used in connection therewith, Electric. General Animated Signs Limited. 359,211; Aug. 9; Serial No. 403,497; published May 31, 1938.

CLASS 22

Dolls. Charlie McCarthy, Inc. 359,188–9; Aug. 9; Serial Nos. 402,131–2; published May 31, 1938.

CLASS 23

Agricultural implements, garden tractors, and parts thereof. S. L. Allen & Co. 359,271; Aug. 9; Serial No. 404,356; published May 31, 1938.
Feed-water regulators and pump-governors. Northern Equipment Company. 124,032; renewed Dec. 31, 1938.
Mixers, Concrete truck. Transit Mixers, Inc. 359,330; Aug. 9.
Razor blades. J. Jacobs. 359,168; Aug. 9; Serial No. 400,304; published May 31, 1938.
Tools and turning tool holders, Turning. Comet Tools, Inc. 359,155; Aug. 9; Serial No. 397,928; published Feb. 8, 1938.

CLASS 24

Washers and ironers, Electric. Westinghouse Electric & Manufacturing Company. 359,299; Aug. 9; Serial No. 404,970; published June 7, 1938.

CLASS 26

Apparatus for use in testing eyes. American Optical Company. 359,235; Aug. 9; Serial No. 403,891; published May 31, 1938.
Gage-poles. Titusville Elastic Chair Company. 124,056; renewed Dec. 31, 1938.
Lenses, Objective. Bausch & Lomb Optical Company. 359,286; Aug. 9; Serial No. 404,741; published May 31, 1938.
Thermostats. Glenwood Range Company. 359,200; Aug. 9; Serial No. 403,040; published May 31, 1938.

CLASS 27

Watches and watch cases. Forstner Chain Corporation. 359,291; Aug. 9; Serial No. 404,847; published May 31, 1938.

CLASS 29

Brushes, calcimine brushes, glue brushes, etc., Paint. Dixon & Rippel. 359,229; Aug. 9; Serial No. 403,814; published May 31, 1938.
Mops. O-Cedar Corp'n. 359,297; Aug. 9; Serial No. 404,952; published May 31, 1938.

CLASS 31

Cabinets, Beverage dispensing. Bedford Refrigeration Service Corporation. 359,316; Aug. 9.

CLASS 32

Book-ends. A. Paladini & Co. 359,161; Aug. 9; Serial No. 399,199; published May 31, 1938.
Furniture. Charak Furniture Company. 359,287; Aug. 9; Serial No. 404,748; published May 31, 1938.
Furniture. W. H. Hickerson Company. 359,313; Aug. 9; Serial No. 405,646; published May 31, 1938.
Furniture. Meier & Frank Company. 359,154; Aug. 9; Serial No. 397,859; published Jan. 18, 1938.
Furniture and upholstery. Robsjohn-Gibbings, Ltd. 359,260–1; Aug. 9; Serial Nos. 404,376–7; published May 31, 1938.

CLASS 35

Gum for patching, cushion gum, and rubber in strip form for retreading tires, Black sheet. Oliver Tire & Rubber Company. 359,213; Aug. 9; Serial No. 403,519; published May 31, 1938.
Tires. Federal Rubber Company. 359,314; Aug. 9.

CLASS 36

Phonograph needles. Pfanstiehl Chemical Company. 359,318; Aug. 9.

CLASS 37

Envelopes, Transparent. Joshua Meier, Incorporated. 359,284; Aug. 9; Serial No. 404,676; published May 31, 1938.
Paper, Mimeograph. Graham Paper Company. 359,323; Aug. 9.
Paper napkins and doilies, tissue paper, etc. Fort Howard Paper Company. 359,278; Aug. 9; Serial No. 404,640; published May 31, 1938.
Pencil leads. M. A. Ferst, Ltd. 359,162; Aug. 9; Serial No. 399,335; published May 31, 1938.
Pencils, coloured chalk pencils, and coloured sticks, Lead. Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth. 359,315; Aug. 9.

CLASS 38

Advertising and decorative placards. Poster Products, Inc. 359,214; Aug. 9; Serial No. 403,520; published May 24, 1938.
Cartoon section of newspapers. A. B. Poinier. 359,275; Aug. 9; Serial No. 404,582; published May 24, 1938.
Cartoons and newspaper column. B. Moore, Jr. 359,295; Aug. 9; Serial No. 404,902; published May 31, 1938.
Drawings published in newspapers. United Feature Syndicate, Inc. 359,227; Aug. 9; Serial No. 403,793; published May 24, 1938.
Guide, Buyer's. Earnshaw Publications, Inc. 359,288; Aug. 9; Serial No. 404,752; published May 31, 1938.
House organ. Pennsylvania Salt Manufacturing Company. 359,269; Aug. 9; Serial No. 404,541; published May 24, 1938.
Journal, Agricultural. Curtis Publishing Company. 359,231; Aug. 9; Serial No. 403,859; published May 31, 1938.
Magazine. Bilbara Publishing Co. Inc. 359,220; Aug. 9; Serial No. 403,634; published May 24, 1938.
Magazine. Southern Publishing Company. 359,226; Aug. 9; Serial No. 403,789; published May 24, 1938.
Magazine, Illustrated. Picture Magazines, Inc. 359,169; Aug. 9; Serial No. 400,353; published May 31, 1938.
Magazine section and a booklet or pamphlet. Bakelite Corporation. 359,180; Aug. 9; Serial No. 401,595; published May 31, 1938.
Newspaper column. Chicago Tribune-New York News Syndicate, Inc. 359,210; Aug. 9; Serial No. 403,444; published May 24, 1938.
Newspaper magazine supplement. Publication Corporation. 359,202; Aug. 9; Serial No. 403,058; published May 24, 1938.
Printed matter. Hawaiian Pineapple Company. 359,150; Aug. 9; Serial No. 396,681; published May 31, 1938.
Publication. O. B. Bottorff. 359,153; Aug. 9; Serial No. 397,607; published May 24, 1938.

Publication. Periodical Publishing Co. 120,690; renewed Feb. 26, 1938.
Publication, Periodical. Barrett Company. 359,219; Aug. 9; Serial No. 403,631; published May 24, 1938.
Section of an agricultural journal. Curtis Publishing Company. 359,232–3; Aug. 9; Serial Nos. 403,860–1; published May 31, 1938.
Section or department of a magazine. Showmen's Trade Review, Inc. 359,250; Aug. 9; Serial No. 404,188; published May 24, 1938.
Stamps, Trading. W. C. Varner. 359,228; Aug. 9; Serial No. 403,803; published May 24, 1938.

CLASS 39

Apparel, Ladies' wearing. Irving Yahr & Co. 359,174; Aug. 9; Serial No. 401,325; published May 24, 1938.
Aprons, Barbers'. Associated Devices Corporation. 359,135; Aug. 9; Serial No. 354,272; published May 24, 1938.
Boots and shoes. Jordan Marsh Company. 359,240; Aug. 9; Serial No. 404,085; published May 24, 1938.
Brassières, girdles, garter belts, etc. Tre-Zur Brassiere Co. 359,208; Aug. 9; Serial No. 403,290; published May 24, 1938.
Clothing. Knox Hat Company. 123,910; renewed Dec. 17, 1938.
Clothing. Schainman Sportwear Co. 359,262; Aug. 9; Serial No. 404,379; published May 31, 1938.
Corselets, brassières, and girdles. Even-Pul Foundations. 359,248; Aug. 9; Serial No. 404,169; published May 24, 1938.
Corselets, brassières, and girdles. Even-Pul Foundations. 359,249; Aug. 9; Serial No. 404,170; published May 31, 1938.
Corsets. R. H. Macy & Co. 122,600; renewed Aug. 27, 1938.
Foundations and girdles. Franco Corset Company. 359,293; Aug. 9; Serial No. 404,890; published May 31, 1938.
Hats, Ladies'. Trojan Hat Co. Inc. 359,264; Aug. 9; Serial No. 404,423; published May 31, 1938.
Hats, Men's. Knox Hat Company. 124,009; renewed Dec. 31, 1938.
Hats, shirts, swimming suits, and sweaters. Mode Knitting Mills, Inc. 359,167; Aug. 9; Serial No. 400,167; published May 24, 1938.
Neckties. Harry Feiler Company. 359,217; Aug. 9; Serial No. 403,585; published May 31, 1938.
Neckties. C. Goldenberg. 359,144; Aug. 9; Serial No. 393,945; published May 24, 1938.
Overalls, undershirts, and drawers. Ryan Everets Co. 359,190; Aug. 9; Serial No. 402,203; published May 24, 1938.
Pads, Shoulder. Freydberg Bros., Inc. 359,186; Aug. 9; Serial No. 402,089; published May 24, 1938.
Shirts and collars. Manhattan Shirt Company. 124,019; renewed Dec. 31, 1938.
Shoes. Samuel Cohen Shoe Stores, Inc. 359,216; Aug. 9; Serial No. 403,581; published May 24, 1938.
Shoes and insoles therefor. Moss Corporation. 359,237; Aug. 9; Serial No. 403,955; published May 24, 1938.
Shoes, slippers, pumps, etc. Wohl Shoe Company. 359,253; Aug. 9; Serial No. 404,278; published May 31, 1938.
Shoes, Women's and children's. Arenberg-Plotkin Shoe Company. 359,241; Aug. 9; Serial No. 404,107; published May 24, 1938.
Suspenders, garters, and belts. Mack Cohen & Nadle. 359,223; Aug. 9; Serial No. 403,702; published May 24, 1938.

CLASS 40

Buttons. Vazah, Inc. 359,239; Aug. 9; Serial No. 404,020; published May 31, 1938.

CLASS 41

Canes, parasols, and umbrellas. Knox Hat Company. 123,909; renewed Dec. 17, 1938.

CLASS 42

Cotton piece goods. Wm. Simpson, Sons & Co., Inc. 359,298; Aug. 9; Serial No. 404,958; published May 31, 1938.
Curtains. Bartmann & Bixer Inc. 359,254; Aug. 9; Serial No. 404,288; published May 31, 1938.
Fabric, Light-weight sheer-silk. Bullock's. 123,893; renewed Dec. 17, 1938.
Fabrics in the piece. Dumari Textile Co. 359,290; Aug. 9; Serial No. 404,839; published May 31, 1938.
Fabrics in the piece, Textile. Pepperell Manufacturing Company. 359,296; Aug. 9; Serial No. 404,905; published May 31, 1938.
Piece goods. Mallinson Fabrics Corp. 359,326; Aug. 9.
Piece goods and drapes. S. M. Schwab Jr. & Co. 359,243; Aug. 9; Serial No. 404,137; published May 31, 1938.
Rayon piece goods. Arthur Beir & Co. 359,300; Aug. 9; Serial No. 404,978; published May 31, 1938.
Sheets, pillow-cases, and bed spreads. Kaplan Brothers. 359,259; Aug. 9; Serial No. 404,366; published May 31, 1938.
Silk piece goods. Bloomingdale Bros., Inc. 359,309; Aug. 9; Serial No. 405,148; published May 31, 1938.

CLASS 44

Apparatus for making radiographic and fluoroscopic diagnostic examinations. Westinghouse X-Ray Company. 359,244–5; Aug. 9; Serial Nos. 404,144–5; published May 31, 1938.
Catamenial garments. Nichols Manufacturing Co. 359,327; Aug. 9.
Denture bases, plastic dental repair material, etc., Plastic. J. J. Sitkin. 359,193; Aug. 9; Serial No. 402,448; published June 7, 1938.
Electro-medical and electro-surgical apparatus. Murley-Rolleston Corporation. 359,274; Aug. 9; Serial No. 404,579; published June 7, 1938.
Medical cabinets. Spiegel & Sons Company. 359,148; Aug. 9; Serial No. 395,773; published June 7, 1938.

CLASS 45

Beverage, Carbonated. Marvin Russell & A. Perocco. 359,187; Aug. 9; Serial No. 402,102; published May 31, 1938.
Beverages, and syrups and extracts for making the same. Nehi, Inc. 359,306; Aug. 9; Serial No. 405,032; published May 31, 1938.

CLASS 46

Bakery ingredients. Elgin Foods, Incorporated. 359,177; Aug. 9; Serial No. 401,475; published May 31, 1938.
Cake. W. Trzetrzewinski. 359,267–8; Aug. 9; Serial Nos. 404,498–9; published May 31, 1938.
Cakes and pastries. Berke Cake Co. Inc. 359,325; Aug. 9.
Candy, Licorice. National Licorice Company. 359,280; Aug. 9; Serial No. 404,656; published May 31, 1938.
Canned fish. A/S Trondhjem Canning and Export Co. 359,152; Aug. 9; Serial No. 397,565; published Feb. 8, 1938.
Cocoa and chocolate syrup. Lamont, Corliss & Company. 359,139; Aug. 9; Serial No. 387,135; published May 31, 1938.
Doughnuts. McCrory Stores Corporation. 359,191; Aug. 9; Serial No. 402,304; published May 31, 1938.
Flour, Wheat. Nebraska Consolidated Mills Co. 359,238; Aug. 9; Serial No. 404,007; published May 31, 1938.
Flour, Wheat. W. P. Tanner-Gross & Company. 124,055; renewed Dec. 31, 1938.
Food, Concentrated. Mineralized Foods, Inc. 359,328; Aug. 9.
Fruits, Fresh citrus. Brownsville Citrus Association. 359,181–2; Aug. 9; Serial Nos. 401,598–9; published May 31, 1938.
Honey. H. H. Schumacher. 359,173; Aug. 9; Serial No. 401,198; published May 31, 1938.
Milk, Evaporated, Oatman Condensed Milk Co. 122,099; renewed June 25, 1938.
Olive oil. B. J. Borges. 359,146; Aug. 9; Serial No. 395,121; published May 31, 1938.
Popcorn, Raw. Adams & Brooks. 359,257; Aug. 9; Serial No. 404,342; published May 31, 1938.
Potato chips. A. Belskis. 359,147; Aug. 9; Serial No. 395,394; published May 31, 1938.
Potatoes. W. E. Anderson Company. 359,141; Aug. 9; Serial No. 390,016; published May 31, 1938.
Yeast and dietetic foodstuffs. Cenovis-Werke G. m. b. H. 359,159; Aug. 9; Serial No. 398,237; published May 31, 1938.
Yeast, baking powder, dietetic foods, etc. Cenovis-Werke G. m. b. H. 359,158; Aug. 9; Serial No. 398,236; published May 31, 1938.

CLASS 48

Beer. Koppitz Melchers, Inc. 359,305; Aug. 9; Serial No. 405,023; published May 31, 1938.
Beer. Michigan Brewing Company. 359,307; Aug. 9; Serial No. 405,094; published May 31, 1938.

CLASS 49

Whiskey. Pennsylvania Distilling Co. 359,281; Aug. 9; Serial No. 404,659; published May 31, 1938.
Whiskey, Rye. Capitol Wine & Spirit Corp. 359,320; Aug. 9.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 359,207; Aug. 9; Serial No. 403,268; published May 31, 1938.

CLASS 50

Artificial leather and leatherette. Richard Pick & Heller Co. 359,282; Aug. 9; Serial No. 404,662; published May 31, 1938.
Goods treated so as to resemble leather, Cotton piece. Wm. E. Hooper & Sons Company. 359,329; Aug. 9.

LIST OF LABELS

Beech-Nut Macaroni Elbows. For Macaroni Elbows. Beech-Nut Packing Company. 51,592; Aug. 9.
Beech-Nut Macaroni Shells. For Macaroni Shells. Beech-Nut Packing Company. 51,591; Aug. 9.
Bisquick. For Biscuit Flour. General Mills, Inc. 51,595–8; Aug. 9.
Drink Mixo. For Thirst Quencher. E. E. Steiner. 51,603; Aug. 9.

Gear's Peelee Ice Cream. For Ice Cream. Menasha Products Company. 51,600; Aug. 9.
Ice Cream. For Ice Cream. Container Corporation of America. 51,593–4; Aug. 9.
Markwell RW Staples. For Staples. Markwell Manufacturing Company. 51,599; Aug. 9.
R. C. Van Name. For Paint. I. Ostroff. 51,601; Aug. 9.
San Diego Pure-Sweet. For Fruit Juices. C. E. Strattman. 51,604; Aug. 9.
Sea-Snack. For Oysters. J. O. Reitan Oyster Sales. 51,602; Aug. 9.
Transpo Bonded. For Automobiles. Transpo Corporation of America. 51,605; Aug. 9.

LIST OF PRINTS

Camel E–22. For Cigarettes. R. J. Reynolds Tobacco Co. 16,963; Aug. 9.
Camel E–23. For Cigarettes. R. J. Reynolds Tobacco Co. 16,964; Aug. 9.
Lauby's Hulless Popcorn. For Popcorn. G. E. Lauby. 16,962; Aug. 9.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 9TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aktiengesellschaft Brown Boveri & Cie. (See Darrieus, Georges, assignor.)
Arvidius, Svante P., Motala, Sweden. Automatic gramophone. Re. 20,819; Aug. 9.
Darrieus, Georges, Houilles, France, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Protective system. Re. 20,820; Aug. 9.
De Bellescize, Henri J. J. M. D., Neuilly-sur-Seine, France. Synchronizing system. Re. 20,821; Aug. 9.
Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. Re. 20,822; Aug. 9.
Goodwin, William N., Jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric cell circuit. Re. 20,823; Aug. 9.
Hammond Instrument Company. (See Smiley, Gilbert, assignor.)
Maybach, Karl, Friedrichshafen, Bodensee, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Freewheeling mechanism of motor cars. Re. 20,824; Aug. 9.
Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
Smiley, Gilbert, Hingham, Mass., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill. Producing musical sounds electrically. Re. 20,825; Aug. 9.
Union Oil Company of California. (See Gard, Earle W., assignor.)
Weston Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)

LIST OF DESIGN PATENTEES

Ansell, Frank E., Brooklyn, N. Y. Combined bottle and stopper therefor. 110,790; Aug. 9.
Aris Gloves, Inc. (See Steinberger, Irwin, assignor.)
Armour, Aileen, Los Angeles, Calif. Chair or similar article. 110,791; Aug. 9.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric razor. 110,792; Aug. 9.
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Bauer Type Foundry, Inc., The. (See Schneidler, Frederick H. E., assignor.)
Bobri, Vladimir, assignor to Parfums Chevalier Garde, Inc., New York, N. Y. Perfume bottle or the like. 110,793; Aug. 9.
Borman, Emil, Chicago, Ill. Heel. 110,794; Aug. 9.
Buchsbaum, Chester, Chicago, Ill. Suspender buckle-locket. 110,843; Aug. 9.
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Frame for a tantalus set. 110,795; Aug. 9.
Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Combined lamp and horn. 110,831; Aug. 9.
Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Lamp. 110,832; Aug. 9.
Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,796; Aug. 9.
Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,797; Aug. 9.
Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,798; Aug. 9.
Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,799; Aug. 9.
Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,800; Aug. 9.
Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Plyer. 110,801; Aug. 9.
Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 110,802; Aug. 9.
Delta Electric Company. (See Crimmins, William C., assignor.)
Ditty, Allan V., assignor to Rapidex Corporation, Detroit, Mich. Duplicator. 110,803; Aug. 9.
Dunn, Anita S., Cedar Rapids, Iowa. Supporting bracket for a shelf or similar article. 110,804; Aug. 9.
Engel, Alice, New York, N. Y. Dress. 110,844; Aug. 9.
Etkin, Simon, New York, N. Y. Fur jacket. 110,845; Aug. 9.
Fain, Irving J., Providence, R. I. Tire. 110,833; Aug. 9.
Fall, Albert P., Toledo, Ohio. Vehicle arm rest. 110,805; Aug. 9.
Fisbel, Robert G., Evanston, Ill. Bacon grill. 110,806; Aug. 9.
Flauder, Alfred J., Trumbull, assignor to Weidlich Sterling Spoon Co., Bridgeport, Conn. Spoon or analogous article. 110,807; Aug. 9.
Gatons, Charles F., and L. J. Hausser, Joliet, and H. H. Heidbreder, Quincy, assignors to The Moore Corporation, Joliet, Ill. Heater. 110,808; Aug. 9.
Getman, William, New York, and M. Meisels, Bronx, N. Y. Hat. 110,834; Aug. 9.
Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 110,846; Aug. 9.
Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 110,847; Aug. 9.
Half, Corinne C., Pittsburgh, Pa. Textile fabric. 110,809; Aug. 9.
Hausser, Lawrence J. (See Gatons, C. F., Hausser, and Heidbreder.)
Heidbreder, Herman H. (See Gatons, C. F., Hausser, and Heidbreder.)
Hill, Roy W., Chicago, Ill. Combined coat and cape. 110,848; Aug. 9.
Hyde, A. R., and Sons Co. (See Rossi, Rocco F., assignor.)
Kahn, David, Inc. (See Kahn, David, assignor.)
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Pencil or the like. 110,810; Aug. 9.
Keeler, Lawrence P. (See Pitman, L. R. E., and Keeler.)
Kent, John S., Jr., assignor to M. A. Packard Company, Brockton, Mass. Shoe. 110,811; Aug. 9.
Knapp, Leo J., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Stair tread. 110,812; Aug. 9.
Lewis, Florence N., New York, N. Y. Rouge container. 110,813; Aug. 9.
Lewis, Florence N., New York, N. Y. Combination compact and cigarette case. 110,814; Aug. 9.
Loewy, Raymond, New York, N. Y., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 110,815; Aug. 9.
Ludwig, Louis, Brooklyn, N. Y. Electric lamp stand for dial telephones. 110,816; Aug. 9.
Master Doughnut Machine Company. (See Petzelt, Rudolph F., assignor.)
McQuinn, Carl, assignor to Williams Sealing Corporation, Decatur, Ill. Receptacle closure cap. 110,817; Aug. 9.
Meisels, Morris. (See Getman, W., and Meisels.)
Michelson, Margaret, New York, N. Y. Dress. 110,835; Aug. 9.
Moore Corporation, The. (See Gatons, C. F., Hausser, and Heidbreder, assignors.)
National Silver Deposit Ware Co. Inc. (See Cravaritis, Andrew, assignor.)
National Silver Deposit Ware Co. Inc. (See Solomon, A., and Volynkine, assignors.)
Odencrants, Henning, assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 110,818; Aug. 9.
Packard, M. A., Company. (See Kent, John S., Jr., assignor.)
Parfums Chevalier Garde, Inc. (See Bobri, Vladimir, assignor.)
Parrot Speed Fastener Corporation. (See Crosby, Stephen A., assignor.)
Petzelt, Rudolph F., assignor to Master Doughnut Machine Company, Chicago, Ill. Doughnut forming apparatus. 110,849; Aug. 9.
Phillips, John A., Englewood, N. J. Smoking stand. 110,819; Aug. 9.
Picirilli, Joseph, New York, N. Y. Metallic studded smocked textile fabric. 110,854; Aug. 9.
Pitman & Keeler. (See Pitman, L. R. E., and Keeler, assignors.)
Pitman, La Roy E., and L. P. Keeler, assignors to Pitman & Keeler, Attleboro, Mass. Watch bracelet or the like. 110,820; Aug. 9.
Quigley, David F., Brockton, Mass. Shoe. 110,821; Aug. 9.

Rapidex Corporation. (See Ditty, Allan V., assignor.)
Revlon Nail Enamel Corporation, The. (See Wilmet, Georges, assignor.)
Rossi, Rocco F., assignor to A. R. Hyde and Sons Co., Cambridge, Mass. Shoe. 110,850; Aug. 9.
Schneidler, Frederick H. E., Stuttgart, Germany, assignor to The Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 110,851; Aug. 9.
Schumacher, Louis, Brooklyn, N. Y. Combination handbag and doll holder. 110,822; Aug. 9.
Schumann, Joseph M., Manhattan Beach, Calif. Combined light and cover plate for electric razors. 110,823; Aug. 9.
Schumer, Jack, New York, N. Y. Coat. 110,836; Aug. 9.
Schumer, Jack, New York, N. Y. Coat. 110,837; Aug. 9.
Schumer, Jack, New York, N. Y. Coat. 110,838; Aug. 9.
Scovill Manufacturing Company. (See Tobler, John H., assignor.)
Simon, Morris, Brooklyn, N. Y. Sweater ensemble. 110,852; Aug. 9.
Smallman, Samuel, New York, N. Y. Billfold. 110,839; Aug. 9.
Solnit, Ben, Los Angeles, Calif. Shoe. 110,824; Aug. 9.
Solomon, Abraham, New York, N. Y., and E. Volynkine, Paris, France, assignors to National Silver Deposit Ware Co. Inc., New York, N. Y. Ship ornament. 110,825; Aug. 9.
Solomon, Abraham, New York, N. Y., and E. Volynkine, Paris, France, assignors to National Silver Deposit Ware Co. Inc., New York, N. Y. Ship ornament. 110,826; Aug. 9.
Spina, Frank, New Kensington, Pa. Coffeepot. 110,827; Aug. 9.
Steinberger, Irwin, assignor to Aris Gloves, Inc., New York, N. Y. Glove. 110,840; Aug. 9.
Swanson, Edith M., New York, N. Y. Textile fabric. 110,853; Aug. 9.
Tobler, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Manual control dispensing nozzle. 110,841; Aug. 9.
Tropic-Aire, Incorporated. (See Loewy, Raymond, assignor.)
Trumbull, Frank S., Providence, R. I. Spoon or similar article. 110,828; Aug. 9.
Valley Shoe Corporation. (See Odencrants, Henning, assignor.)
Volynkine, Eugene. (See Solomon, A., and Volynkine.)
Weidlich Sterling Spoon Co. (See Flauder, Alfred J., assignor.)
West, Frank R., Detroit, Mich. Fruit and vegetable conditioner cabinet. 110,842; Aug. 9.
Wexler, Anna, New York, N. Y. Dress. 110,829; Aug. 9.
Whitehead & Kales Company. (See Knapp, Leo J., assignor.)
Williams Sealing Corporation. (See McQuinn, Carl, assignor.)
Wilmet, Georges, Roslyn, assignor to The Revlon Nail Enamel Corporation, New York, N. Y. Bottle. 110,830; Aug. 9.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 9TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acme Electric & Manufacturing Company, The. (See Comstock, James A., assignor.)
Adlake Company, The. (See Breackevelt, Julius, assignor.)
Adlake Company, The. (See Verhagen, Christian M., assignor.)
Aeberli, Ernst, Horgen, Switzerland. Shaping machine. 2,125,873; Aug. 9.
Agfa Ansco Corporation. (See Zeh, W., Sieglitz, and Dabelow, assignors.)
Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Nils A., assignor.)
Alexopoulos, Demetrios G., Milwaukee, Wis. Washing machine. 2,126,365; Aug. 9.
Allen, Herbert W. (See Wright, H. C., and Allen.)
Allis-Chalmers Manufacturing Company. (See Journeaux, Didier, assignor.)
Aluminum Company of America. (See Arthur, F. C., and Barnitt, assignors.)
Aluminum Ladder Co. (See Carbis, Henry J., assignor.)
Ambrosius, George M., Lakewood, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Mechanism for soldering machinery. 2,126,598; Aug. 9.
Amco, Incorporated. (See Morton, William A., assignor.)
American Blower Corporation. (See Anderson, Edward L., assignor.)
American Brake Company, The. (See Mueller, Emil G., assignor.)
American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)
American District Telegraph Company. (See Muehter, Manfred W., assignor.)
American Gas Machine Company. (See Hanson, Russell N., assignor.)
American Forging & Socket Company. (See Saunders, Walter S., assignor.)
American Forging & Socket Company, The. (See Saunders, W. S., and McGregor, assignors.)
American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)
American Locomotive Company. (See Flodin, N. E., and Weber, assignors.)
American Seating Company. (See Bond, Willard H., Jr., assignor.)
American Telephone and Telegraph Company. (See Corwin, T. L.; and (Swezey and Watson, assignors.))
American Telephone and Telegraph Company. (See Dencklau, Karl R., assignor.)
Ames Baldwin Wyoming Co. (See Wharton, George C., assignor.)
Andersen, Bjorn, Maplewood, N. J., assignor to Celluloid Corporation. Covering of articles with derivatives of cellulose. 2,125,874; Aug. 9.
Anderson, Edward L., Grosse Isle, assignor to American Blower Corporation, Detroit, Mich. Fan. 2,126,599; Aug. 9.
Anderson, Herman B., Louisville, Ky. Apparatus for and process of treatment of liquid. 2,126,164; Aug. 9.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Louver construction. 2,126,525; Aug. 9.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Stand. 2,126,303; Aug. 9.
Andrews, Chester E. (See Fenske, M. R., and Andrews.)
Andrews, Chester E., Overbrook, and L. U. Spence, Cheltenham, assignors to Rohm & Haas Company, Philadelphia, Pa. Separation of methylamines. 2,126,600; Aug. 9.
Apel, Adolph E. and A. A., Ventnor, N. J. Boat. 2,126,304; Aug. 9.
Apel, Arno A. (See Apel, Adolph E. and A. A.)
Apthorp, Robert E., Milton, Mass. Nozzle. 2,126,440; Aug. 9.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Spray head. 2,125,863; Aug. 9.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Spray head. 2,125,978; Aug. 9.
Arena, Urbano P. (See Hoy, E. K., and Arena.)
Arnholm, Charles A., Barre, Vt. Body and fender straightener. 2,126,526; Aug. 9.
Arnold, Carl, Nuremberg, Germany. Toy hand grenade. 2,125,979; Aug. 9.
Arthur, Furman C., Oakmont, and J. B. Barnitt, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum bronze powder. 2,125,870; Aug. 9.
Arverson, Maurice H., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon resin process. 2,125,872; Aug. 9.
Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,125,869; Aug. 9.
Auckland, William, Seattle, Wash. Glass-tube cutter. 2,125,864; Aug. 9.
Audley Engineering Company Limited. (See Leach, Robert W., assignor.)
Austin, John P., St. Louis, Mo. Folding optical device. 2,125,871; Aug. 9.
Automatic Drive and Transmission Company. (See Lewis, Robert P., assignor.)
Automatic Signal Corporation. (See Buechel, Francis J., Jr., assignor.)
Automatic Telephone & Electric Company Limited. (See Wright, Denis, assignor.)
Automotive Products Company Limited. (See Clench, Edward C. S. assignor.)
Avery-Hardoll Limited. (See Fraser, John, assignor.)
Babcock, George C. (See McArthur, John, assignor.)
Babcock, George S., assignor to Eastman Kodak Company, Rochester, N. Y. Dispersion of gelatin. 2,126,305; Aug. 9.
Babcock & Wilcox Company, The. (See Bailey, E. G., and Hardgrove, assignors.)
Backer, Jacob P., Jeannette, Pa. Paring knife. 2,126,080; Aug. 9.
Bailey, Ervin G., Easton, Pa., and R. M. Hardgrove, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Pulverizer. 2,126,081; Aug. 9.
Bailey, John E., Los Angeles, Calif. Amusement device. 2,126,082; Aug. 9.
Bailey, William J., Beaumont, Tex. Safety wheel for automobiles. 2,126,083; Aug. 9.
Bain, William H., Lewiston, Maine. Cushion sole. 2,126,601; Aug. 9.
Bakelite Corporation. (See Daniels, Rupert S., assignor.)
Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Electric meter mounting. 2,126,602; Aug. 9.
Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
Balz, Max, Esslingen-on-the-Neckar, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Untertürkheim, Germany. Springing attachment for the wheels of power-driven vehicles. 2,126,084; Aug. 9.
Balz, Max, Esslingen-on-the-Neckar, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart - Untertürkheim, Germany. Motor-driven vehicle. 2,126,085; Aug. 9.
Banks, Claud L., Canton, Ohio. Vehicular spring. 2,126,086; Aug. 9.
Barnard, Daniel P., IV., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Diesel fuel. 2,125,875; Aug. 9.
Barnard, Henry R., Heston, England. Grass mowing appliance. 2,126,441; Aug. 9.
Barnhart, George, Woodbury, N. J., and H. A. Lubs, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flaked sulphur dye. 2,125,981; Aug. 9.
Barnitt, Jesse B. (See Arthur, F. C., and Barnitt.)
Barsky, George, New York, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Making a synthetic teaseed oil. 2,126,527; Aug. 9.
Bartelstone, Irving, assignor to A. L. and S. Krakovitz, Philadelphia, and F. Krakovitz, Drexel Hill, Pa. Decorative display and making the same. 2,125,865; Aug. 9.
Bartholomew, James H., Warsaw, N. Y. Automatic leveling system for elevators. 2,125,876; Aug. 9.
Basil, Stephen T., New York, N. Y. Dental instrument. 2,125,980; Aug. 9.
Baud, Albert, Paris, France. Crude oil engine. 2,126,442; Aug. 9.
Baxter, Don, Inc. (See Richards, Thomas S. J., assignor.)
Bayerdorffer, Max, New York, N. Y. Impression making or printing means. 2,125,877; Aug. 9.
Beach, Harold K., Cranford, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Apparatus for continuous wire drawing. 2,126,528; Aug. 9.
Beasley, Edward B., Ruxton, assignor of one-fourth to C. E. Hutzel, Baltimore, Md. Nut lock. 2,125,878; Aug. 9.
Becker, Hans. (See Vollmann, H., and Becker.)
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,126,603; Aug. 9.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission. 2,126,604; Aug. 9.

Beery, Virgil S., Stockton, Calif. Battery lifting device. 2,126,605; Aug. 9.

Beight, William, Youngstown, Ohio. Curtain stretcher. 2,126,606; Aug. 9.

Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hampton, L. N., and Smith, assignors.)

Bell Telephone Laboratories, Incorporated. (See Lakatos, Emory, assignor.)

Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)

Bell Telephone Laboratories, Incorporated. (See White, A. H., and Yager, assignors.)

Bernard, Auguste L. R., deceased, Ruell-Malmaison, by R. Bernard, nee Bournonville, executrix, Paris, France. Piston for internal combustion engines. 2,126,306; Aug. 9.

Begley, James G., Albany, N. Y. Exercise device. 2,126,443; Aug. 9.

Beimann, Elizabeth, administratrix. (See Beimann, Wilhelm.)

Beinmann, Wilhelm, deceased; E. Beinmann, administratrix, assignor to Dr. C. Otto & Company, G. m. b. H., Bochum, Germany. Door for horizontal oven chambers. 2,126,239; Aug. 9.

Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Signal responsive device. 2,125,879; Aug. 9.

Bell, Raymond T., Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Making wheels. 2,125,866; Aug. 9.

Bell Telephone Laboratories, Incorporated. (See Black, H. S., and Van Tassel, assignors.)

Bell Telephone Laboratories, Incorporated. (See Corwin, T. L., assignor, and Swezey and Watson.)

Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)

Belleville, Paul, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Regenerative receiver. 2,125,982; Aug. 9.

Bemis Bro. Bag Co. (See Young, C. T., and Brady, assignors.)

Benedum, Michael L., et al. (See Rose, James R., assignor.)

Bergh, Carl E., Langshyttan, Sweden. Band conveyer. 2,126,240; Aug. 9.

Berl, Ernst, Pittsburgh, Pa. Manufacture of mixed alliphato-nitro cellulose and products thereof. 2,125,880; Aug. 9.

Berliner, Henry A., Washington, D. C. Forming machine. 2,125,881; Aug. 9.

Berliner, Henry A., Washington, D. C. Aircraft construction. 2,125,882; Aug. 9.

Bernard, Renée, née Bournonville, executrix. (See Bernard, Auguste L. R.)

Berry, Anson, deceased, Northfield, Maine; I. L. Berry, administrator. Snowshoe. 2,125,883; Aug. 9.

Berry, Iva L., administrator. (See Berry, Anson.)

Berry, John, New York, and I. D. Wolfson, Woodmere, N. Y. Dispensing closure means. 2,126,087; Aug. 9.

Best Foods, Inc., The. (See Schaub, Gordon C., assignor.)

Bettison, David C., and F. H. Keaton, Omaha, Nebr. Electrical measuring instrument. 2,125,983; Aug. 9.

Bigelow-Sanford Carpet Co. Inc. (See Cooper, Wellesley B., assignor.)

Binns, Edward H., Pittsburgh, Pa. Garment protector. 2,125,867; Aug. 9.

Binns, Edward H., Pittsburgh, Pa. Garment protector. 2,125,868; Aug. 9.

Bird, Len O. (See Brodersen, Max M., assignor.)

Bjorkman, John G., Shreveport, La. Making decorative plates. 2,126,088; Aug. 9.

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,126,529; Aug. 9.

Black, Harold S., Elmhurst, and E. K. Van Tassel, Great Kills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,126,530; Aug. 9.

Black, Millard S., Huntington Park, Calif., assignor, by mesne assignments, to J. A. Kammerdiner, Los Angeles, Calif. Jar. 2,126,241; Aug. 9.

Blatchford, Carter, Chicago, Ill. Marking a highway. 2,126,165; Aug. 9.

Bliesath, Ernst K., Kerry, Oreg. Hose supporter. 2,126,166; Aug. 9.

Boedeker, Anthony, Cincinnati, Ohio. Link-mat anchor. 2,126,307; Aug. 9.

Boehner, Ludwig G., Rehbrucke, near Potsdam, Germany, assignor to General Motors Corporation, Detroit, Mich. Metal underbody construction. 2,126,607; Aug. 9.

Bohn, Nicholas J., assignor, by mesne assignments to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,125,984; Aug. 9.

Bollinger, Jacob, Jr., Nyack, N. Y. Package. 2,126,444; Aug. 9.

Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,125,985; Aug. 9.

Bonham, Maurice J., Elkins Park, assignor to McCloskey Varnish Company, Holmesburg Junction, Philadelphia, Pa. Manufacture of varnish base resin. 2,126,242; Aug. 9.

Borden Company, The. (See Mapes, Leslie A., assignor.)

Borg, George W., Corporation, The. (See Bell, Raymond T., assignor.)

Boutilier, Walter H., Halifax, Nova Scotia, Canada. Preparation of food products from fish scrap. 2,126,445; Aug. 9.

Bowen, Myron W., assignor to Hydraulic Brake Company, Detroit, Mich. Piston for pressure producing devices. 2,125,986; Aug. 9.

Bowers, Frank. (See Howse, C. L., and Bowers.)

Boyer, Tanner E., Bell, assignor of one-half to L. P. Stockman, Los Angeles, Calif. Wiper packing gland. 2,126,366; Aug. 9.

Bradley, Milton, Company. (See Fiondella, Jean A., assignor.)

Brady, Charles V. (See Young, C. T., and Brady.)

Brady, David R., Detroit, Mich. Shoe fitting indicator. 2,126,408; Aug. 9.

Brandt, Edgar. (See Schenk, Edouard H., assignor.)

Braun, Simon, New Rochelle, N. Y. Upholsterer's spring. 2,125,987; Aug. 9.

Breackevelt, Julius, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Panel mounting. 2,126,167; Aug. 9.

Breeze Corporation, Inc. (See Gardner, Frank G., assignor.)

Brenaman, Harry A. (See Hoke, H. A., and Brenaman.)

Breuchaud, Jules R., New York, N. Y., assignor to Sealcell Corporation. Apparatus for treating organic material. 2,126,168; Aug. 9.

Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)

Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Exhaust manifold system for internal combustion engines. 2,126,609; Aug. 9.

Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Production of hydroxy-aromatic hydrocarbons and hydroxy-aromatic carboxylic acids. 2,126,610; Aug. 9.

Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Purification and decolorization of acetic acid. 2,126,611; Aug. 9.

Broderick, Frank W. (See Payne, F. S., and Broderick.)

Brodersen, Max M., Alhambra, assignor to L. O. Bird, Glendale, Calif. Disk harrow. 2,126,446; Aug. 9.

Broman, Charles E., Algoma Township, Kent County, Mich. Pump or motor structure. 2,125,988; Aug. 9.

Brothers, Eli, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for lasting shoes. 2,125,884; Aug. 9.

Brouse, William H. D., and C. J. Hume, assignors to International Metal Industries Limited, Toronto, Ontario, Canada. Resetting interlock for fluid dispensing pumps. 2,126,447; Aug. 9.

Brown, Charles S., Syracuse, N. Y. Internal combustion engine. 2,126,089; Aug. 9.

Brown, Chester W. (See Schultz, W. O., and Brown.)

Brown, James C. (See Frederics, E. O., and Brown.)

Brownyer, Nelson R., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Resilient joint for use in car wheels and the like. 2,126,169; Aug. 9.

Broyles, Wayne C. (See Smith, Benjamin F. and W. E., and Broyles.)

Brush Development Company, The. (See Williams, Alfred L. W., assignor.)

Bruson, Herman A., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Compositions and process. 2,125,885; Aug. 9.

Buckendale, Lawrence R. (See Brownyer, N. R., and Buckendale.)

Buckeye Portable Tool Company, The. (See Smith, William A., Jr., assignor.)

Buckwalter, Tracy V., and J. Hektner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Driving axle construction. 2,126,612; Aug. 9.

Buckwalter, Tracy V., and J. Hektner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Driving axle construction. 2,126,613; Aug. 9.

Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)

Budd Wheel Company. (See Eksergian, Carolus L., assignor.)

Budiloff, Nikolai. (See Jenny, A., and Budiloff.)

Buechel, Francis J., Jr., Rochester, N. Y., assignor, by mesne assignments, to Automatic Signal Corporation. Automatic traffic signal system. 2,126,614; Aug. 9.

Bundy Tubing Company. (See Wesley, Joseph F., assignor.)

Burch, Julian R., St. Louis, Mo. Culinary structure. 2,125,989; Aug. 9.

Burroughs, Samuel G. (See Lofton, W. M., Jr., and Burroughs.)

Busse, Ernst, Hamburg, Germany, and J. V. Mark and A. Venis, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Sweep circuits. 2,126,243; Aug. 9.

Butler, Samuel R., Grand Island, Nebr. Clamp. 2,126,308; Aug. 9.

Byron, Kenneth M., Detroit, Mich. Trailer body frame. 2,126,090; Aug. 9.

Cade, Robert S., Canton, Ohio. Concrete building material. 2,126,309; Aug. 9.

Calco Chemical Company, The. (See Pineo, Orrin W., assignor.)

Calvete, Isidoro B., Clapham, London, England, assignor to Eugene, Ltd., New York, N. Y. Permanent waving of hair. 2,126,170; Aug. 9.

Campbell, Charles, London, England, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,126,615; Aug. 9.

Campus, Cesare C., assignor to P. A. Campus, Santa Monica, Calif. Container housing flushing apparatus. 2,126,448; Aug. 9.

Campus, Paul A. (See Campus, Cesare C., assignor.)

Caps, Arthur W. (See Landrock, P., and Caps.)

Carbis, Henry J., assignor to Aluminum Ladder Co., Tarentum, Pa. Ladder. 2,126,171; Aug. 9.

Carborundum Company, The. (See Hawke, Clarence E., assignor.)

Carey-McFall Co. (See Stuber, Walter J., assignor.)

Carr-Lowrey Glass Co. (See Hilgenberg, Carl G., assignor.)

Carroll, Burt H. (See Fallesen, G. E., and Carroll.)

Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,126,531; Aug. 9.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Cable reel. 2,126,172; Aug. 9.

Casse, Joseph E. (See Siess, H. J., and Casse.)

Cate, Paul E., assignor to The Fulton Syphon Company, Knoxville, Tenn. Method and apparatus for charging thermostatic devices. 2,126,532; Aug. 9.

Catron, Harold, H. H. Clayton, and R. L. Dashner, assignors to R-B-M Manufacturing Company, Logansport, Ind. Lighting means for vehicles. 2,125,990; Aug. 9.

Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Hydraulic governing mechanism. 2,126,533; Aug. 9.

Cawley, Aloysius J., Pittston, Pa. Automatic television synchronizing apparatus. 2,125,991; Aug. 9.

Cayabyab, Ricardo D., Delano, Calif. Internal combustion engine. 2,126,616; Aug. 9.

Celanese Corporation of America. (See Ellis, G. H., and Kirk, assignors.)

Celanese Corporation of America. (See Jones, Daniel H., assignor.)

Celluloid Corporation. (See Andersen, Bjorn, assignor.)

Central Scientific Company. (See Hornberger, C. S., and States, assignors.)

Champion Knitwear Company. (See Friedland, Samuel N., assignor.)

Chandler, Milton E., Detroit, Mich. Fuel control means. 2,125,886; Aug. 9.

Chase, William I., Los Angeles, Calif. Cabinet. 2,126,617; Aug. 9.

Chevalier, John C., Washington, D. C. Shirt folding and finishing apparatus. 2,126,618; Aug. 9.

Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)

Church, Albert C., Covington, Ky. Steam boiler. 2,126,619; Aug. 9.

Chute, Stanley J. (See Wilson, D. W., Chute, and Hopkins.)

Clapsadle, Leo J., Buffalo, N. Y., and A. H. Tenney, Pittsburgh, Pa., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Noncorrosive antifreeze liquid. 2,126,173; Aug. 9.

Clarkson, Ralph P. (See Troxell, Edgar R., Jr., assignor.)

Clauberg, Herman P., Hasbrouck Heights, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Folding mechanism for printing machines. 2,126,537; Aug. 9.

Clawson, Milliard E., and F. Mohnk, assignors to Continental Oil Company, Ponca City, Okla. Tank for volatile liquids. 2,126,367; Aug. 9.

Clay, Walter J. (See Humason, G. A., and Clay.)

Claybaugh, Howard S., assignor to Lyle Culvert & Pipe Company, Minneapolis, Minn. Footer construction. 2,126,091; Aug. 9.

Clayton, Harold H. (See Catron, H., Clayton, and Dashner.)

Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Transmitter for fluid pressure systems. 2,126,310; Aug. 9.

Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,126,620; Aug. 9.

Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)

Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Breaking emulsions. 2,126,368; Aug. 9.

Collings, Rupert H. P., Liskeard, Cornwall, England, assignor to Radio Corporation of America. Voltage measuring and indicating device. 2,125,992; Aug. 9.

Colman, Howard D. (See Lilja, Edgar D., assignor.)

Colonial Broach Company. (See Hart, William A., assignor.)

Coltof, Willem. (See Langedijk, S. L., and Coltof.)

Combustion Engineering Company. (See Jackson, George P., assignor.)

Combustion Engineering Company. (See Wood, Wilfred R., assignor.)

Compagnie Generale de Telegraphie sans Fil. (See Belleville, Paul, assignor.)

Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Adjustable voltage transformer. 2,126,174; Aug. 9.

Consolidated Car-Heating Company. (See Parsons, Robert J., assignor.)

Continental Oil Company. (See Clawson, M. E., and Mohnk, assignors.)

Cook, Edwin S., Memphis, Tenn. Pressure indicator for clothes wringers. 2,125,887; Aug. 9.

Cook, Ellsworth D., Scotia, N. Y., assignor to Radio Corporation of America. Sound recording. 2,125,890; Aug. 9.

Cook, Ellsworth D., Scotia, N. Y., assignor to Radio Corporation of America. Sound recording. 2,125,891; Aug. 9.

Cook, Nelson E., Wheeling, W. Va., E. J. Knopf, Morristown, Ohio, and W. L. Diehl, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Metal coated product. 2,126,244; Aug. 9.

Cooper, Wellesley B., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Axminster tube frame support mechanism. 2,126,449; Aug. 9.

Cope, Belmont G. (See Hollwager, Frederick, assignor.)

Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Controlled atmosphere furnace construction and operation. 2,126,534; Aug. 9.

Corbo-Norit-Union Verwaltungs-Gesellschaft. (See Engelhardt, Alfred, assignor.)

Cordrey, Almon J., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Dry ice refrigerating apparatus. 2,125,888; Aug. 9.

Corwin, Thomas L., Newark, N. J., B. S. Swezey, Floral Park, and E. F. Watson, Larchmont, N. Y.; said Corwin assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Swezey and said Watson assignors to American Telephone and Telegraph Company. Teletypewriter system. 2,126,535; Aug. 9.

Corydon, Jeff, Jr., and R. Lowe, Chicago, Ill., assignors to Proportioneers, Inc., Providence, R. I. Water-modifying apparatus. 2,126,092; Aug. 9.

Cowen, William, Brooklyn, N. Y. Extension handle fly swatter. 2,126,311; Aug. 9.

Cox, Cyril C., and E. L. Purdy, Indianapolis, Ind. Mold cooling device for line casting machines. 2,126,536; Aug. 9.

Cravens, Carl, Pedernal, N. Mex. Automatic pump pipe drain mechanism. 2,126,450; Aug. 9.

Crawford Door Company. (See Siess, H. J., and Casse, assignors.)

Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Centralized lubrication system. 2,126,451; Aug. 9.

Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device and securing same. 2,126,452; Aug. 9.

Criley, William W., and F. W. Gaines, 3rd, Cleveland, Ohio. Apparatus for forming blanks from hot rolled wire stock. 2,126,453; Aug. 9.

Crocker, Percival B., assignor to The Sentry Company, Foxboro, Mass. Electric furnace. 2,126,454; Aug. 9.

Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)

Crompton & Knowles Loom Works. (See Vose, Lewis S., assignor.)

Cross, Thomas, Jr. (See Fulton, S. C., and Cross.)

Crown Cork & Seal Company. (See Weisenburg, Andrew, assignor.)

Crump, Alvin L., Evanston, assignor to The Powers Regulator Company, Chicago, Ill. Thermostatic control for heating and cooling systems. 2,125,889; Aug. 9.

Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Spring front camera. 2,126,312; Aug. 9.

Curtis, Charles G., New York, N. Y. Two-cycle Diesel engine. 2,126,376; Aug. 9.

Curtis, E. N., administrator. (See Curtis, Henry E.)

Curtis, Henry E., deceased, San Jose, Calif.; E. N. Curtis, administrator. Rotary machine. 2,126,093; Aug. 9.

Dabelow, Martin. (See Zeh, W., Sieglitz, and Dabelow.)

Dabrasky, August, Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of War. Gun. 2,125,892; Aug. 9.

Daimler-Benz Aktiengesellschaft. (See Balz, Max, assignor.)

Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)

Dalcher, John T., Laurence Harbor, N. J. Testing machine and measuring device therefor. 2,126,175; Aug. 9.

Daly, George F., Johnson City, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,126,621; Aug. 9.

Daniels, Claude H., Wellesley Hills, Mass. Shoe. 2,126,094; Aug. 9.

Daniels, Rupert S., East Orange, N. J., assignor to Bakelite Corporation, New York, N. Y. Resin bonded article. 2,125,893; Aug. 9.

Darby, Walter A., Great Neck, N. Y. Disk scaling game. 2,126,245; Aug. 9.

Dashner, Ralph L. (See Catron, H., Clayton, and Dashner.)

Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Nail holding building composition. 2,126,622; Aug. 9.

Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,126,176; Aug. 9.

Dean, William T., Gary, Ind. Soaking pit and like heating furnace. 2,126,095; Aug. 9.

Debus, Sander, Hastings, Nebr., assignor to U. S. Slicing Machine Company. Drive reciprocating bread slicing machines. 2,126,369; Aug. 9.

Decapiteau Glass Containers, Inc. (See Wishon, Ralph, assignor.)

Deere & Company. (See Luellen, Lloyd, assignor.)

Deere & Company. (See Swenson, Axel W., assignor.)

Deere & Company. (See Westerlund, Paul H., assignor.)

Defender Photo Supply Company. (See Potter, Rowland S., assignor.)

De Forest, Lee, Hollywood, assignor to Lee De Forest Laboratories, Los Angeles, Calif. High frequency oscillating circuit. 2,126,541; Aug. 9.

De Forest, Lee, Laboratories. (See de Forest, Lee, assignor.)

Degulde, Hubert, Enghien, France. Polishing composition. 2,126,096; Aug. 9.

De Hart, John R., assignor to Reading Foundry and Supply Co., Reading Pa. Insertable joint. 2,126,542; Aug. 9.

Deitz, Louis S., Jr., Westfield, N. J., and H. H. Weiser, Annadale, assignors to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Metallic article. 2,126,246; Aug. 9.

Dellinger, Abraham M., Lancaster, Pa., assignor to Dellinger Manufacturing Company. Molasses feed combined grinding and mixing mill. 2,125,993; Aug. 9.

Dellinger Manufacturing Company. (See Dellinger, Abraham M., assignor.)

Del-Mac Shoe Process Corporation, The. (See Garfinkel, M., Ruiz, and Duga, assignors.)

Delpech, Gaston. (See George H., and Delpech.)

Dehbler, Henry L., Kewanee, Ill. Venting core boxes. 2,126,097; Aug. 9.

Denecklau, Karl R., Plainfield, N. J., assignor to American Telephone and Telegraph Company. Carbon sheet and loose form holder. 2,126,538; Aug. 9.

Dennis, Wesley E., Ithaca, N. Y. Window construction. 2,126,177; Aug. 9.

Dennison, Edward S., New London, Conn. Flexible coupling. 2,126,313; Aug. 9.

De-Raef Corporation. (See Fear, E. D., and Siebenthaler, assignors.)

Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)

Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for the preparation of copper halides. 2,126,455; Aug. 9.

Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of indanthrone compounds. 2,126,456; Aug. 9.

Deutsche Röhrenwerke Aktiengesellschaft. (See Severin, Jose, assignor.)

Dewas, Raymond, Amiens, France. Needle weaving loom. 2,125,894; Aug. 9.

Diamond Power Specialty Corporation. (See Howse, C. L., and Bowers, assignors.)

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and compositions therefor. 2,126,314; Aug. 9.

Dickinson, James P., Memphis, Tenn. Process of and apparatus for extracting cottonseed oil. 2,126,539; Aug. 9.

Dicks, Beauford H., Athelstane, Wis. Fountain pen. 2,126,540; Aug. 9.

Diehl, William L. (See Cook, N. E., Knopf, and Diehl.)

Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)

Dittman, Martin J., et al. (See Russell, Thomas F., assignor.)

Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,315; Aug. 9.

Doering, Charles, Chicago, Ill. Outdoor advertising device. 2,125,994; Aug. 9.

Doidge, Robert W., Woodside, Long Island, N. Y. Ciphering machine. 2,125,995; Aug. 9.

Dominion Engineering Works Limited. (See Malkin, Bernard A., assignor.)

Doolittle, Franklin M., New Haven, Conn., assignor to Radio Corporation of America. Sound recording and sound reproducing and locating apparatus. 2,126,370; Aug. 9.

Dow Chemical Company, The. (See Britton, Edgar C., assignor.)

Dow, John W., Sioux City, Iowa. Engine fuel injector. 2,126,623; Aug. 9.

Draeger, Rupert H., United States Navy. Book support. 2,125,895; Aug. 9.

Dresner, S., & Son, Inc. (See Plotkin, Joseph H., assignor.)

Driggs, Frank H., Highland Park, Ill., and H. W. Highriter, Verona, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Article of manufacture and producing the same. 2,125,896; Aug. 9.

Drummond, Robert S., Detroit, Mich. Rotary gear cutting tool. 2,126,178; Aug. 9.

Ducrot, Albert, Paris, France. Reclining armchair. 2,126,098; Aug. 9.

Duga, William I. (See Garfinkel, M., Ruiz, and Duga.)

Duggan, Fred W., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Light stabilization of vinyl polymers. 2,126,179; Aug. 9.

Duncan, Charles R., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever. 2,126,371; Aug. 9.

Duncan, Robert A., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Manufacture of soap and glycerin. 2,126,099; Aug. 9.

Du Pont, E. I., de Nemours & Company. (See Barnhart, G., and Lubs, assignors.)

Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)

Du Pont, E. I., de Nemours & Company. (See Freund, Henry H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Jacobson, Ralph A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Johnson, A. J., and Strouse, assignors.)

Du Pont, E. I., de Nemours & Company. (See Klein, D. X., and Lee, assignors.)

Duttera, William S., Lynbrook, N. Y., assignor to Radio Corporation of America. Insulating arrangement for antennas. 2,126,543; Aug. 9.

Dykstra, Marinus, White Plains, assignor, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y. Conveyer apparatus. 2,125,898; Aug. 9.

Dyson, George M., Cheadle Hulme, and A. Renshaw, Manchester, England, assignors to Parke, Davis & Company, Detroit, Mich. Ureido N-diaryl dicarboxylic acid halides. 2,126,180; Aug. 9.

Eaddy, Ernest J., Spartanburg, S. C. Windshield cleaning device. 2,126,624; Aug. 9.

East, Claude V., Milwaukee, Wis. Tree decorating appliance. 2,126,457; Aug. 9.

Eastman Kodak Company. (See Babcock, George S., assignor.)

Eastman Kodak Company. (See Crumrine, Chester W., assignor.)

Eastman Kodak Company. (See Dickey, J. B., and McNally, assignors.)

Eastman Kodak Company. (See Fallesen, G. E., and Carroll, assignors.)

Eastman Kodak Company. (See Fallesen, G. E., and Staud, assignors.)

Eastman Kodak Company. (See Genung, Leo B., assignor.)

Eastman Kodak Company. (See Harmon, H. H., and Green, assignors.)

Eastman Kodak Company. (See Hickman, Kenneth C. D., assignor.)

Eastman Kodak Company. (See Hickman, K. C. D., and Hecker, assignors.)

Eastman Kodak Company. (See Malm, Carl J., assignor.)

Eastman Kodak Company. (See Mannes, L. D., Godowsky, and Peterson, assignors.)

Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)

Eastman Kodak Company. (See Nagel, August, assignor.)

Eastman Kodak Company. (See Salo, Martti, assignor.)

Eastman Kodak Company. (See Seel, Paul C., assignor.)

Eastman Kodak Company. (See Smith, Henry B., assignor.)

Eastman Kodak Company. (See Wittel, Otto, assignor.)

Eastman Kodak Company. (See Wittel, O., Martin, and Smiley, assignors.)

Eastman Kodak Company. (See Yung, D'Arcy A., Jr., assignor.)

Ebert, Edward A. (See Popp, W. H., and Ebert.)

Eggers, Clarence C. C., assignor of one-half to C. E. Holmes, Minneapolis, Minn. Protective signal system. 2,126,316; Aug. 9.

Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Apparatus for conditioning milk or other liquids. 2,126,625; Aug. 9.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,126,372; Aug. 9.

Electric Furnace Company, The. (See Cope, Frank T., assignor.)

Electric Furnace-Man, Inc. (See Dykstra, Marinus, assignor.)

Electric Furnace-Man, Inc. (See Kalmbach, Frederick, assignor.)

Electric & Musical Industries Limited. (See Mitchell, F. A., and Simon, assignors.)

Elliott, David, Johnston, Pa., assignor of one-half to H. A. Israel, Lynn, Mass. Glare eliminator. 2,125,996; Aug. 9.

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Urea resin type molding composition and making same. 2,126,677; Aug. 9.

Ellis-Foster Company. (See Ellis, Carleton, assignor.)

Ellis, George H., and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial textile and like materials. 2,125,902; Aug. 9.

Emanuel, Joseph, Cleveland, Ohio. Game marker. 2,126,373; Aug. 9.

Engelhardt, Alfred, Gonzenheim, near Bad Homburg, assignor to Corbo-Norit-Union Verwaltungs-Gesellschaft, m. b. H., Frankfort-on-the-Main, Germany. Treating gases containing polymerizable substances. 2,125,997; Aug. 9.

Englen, Frederick J., Omaha, Nebr. Slicing apparatus. 2,126,458; Aug. 9.

Eppers, Walter P., assignor to Fuller Company, Catasauqua, Pa. Air compressor. 2,126,247; Aug. 9.

Erban Patents Corporation. (See Erban, Richard, assignor.)

Erban, Richard, New York, N. Y. Transmission. 2,125,999; Aug. 9.

Erban, Richard, assignor to Erban Patents Corporation, New York, N. Y. Torque loading device for adhesive transmission. 2,125,998; Aug. 9.

Ericson, George R., Kirkwood, St. Louis, Mo. Carbureting device. 2,125,899; Aug. 9.

Esserman, Samuel, Brooklyn, N. Y. Slide operated fastener installation. 2,126,317; Aug. 9.

Estes, David N., Carlsbad, N. M. Sign. 2,126,678; Aug. 9.

Etablissements Mighom. (See Jordi, René J., assignor.)

Eugene, Ltd. (See Calvete, Isidoro B., assignor.)

Eule, Martin, Berlin-Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator with forced passage of the operating medium. 2,126,248; Aug. 9.

Evans, John, Oaklyn, N. J., assignor to Radio Corporation of America. Ultrahigh frequency apparatus. 2,125,900; Aug. 9.

Evans, John G., and C. E. Salkeld, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Finishing textile materials. 2,125,901; Aug. 9.

Evered & Company Limited. (See Mitchell, James G., assignor.)

Everhard, Harry H., Canton, Ohio. Screen construction. 2,126,544; Aug. 9.

Ezell, Lemuel M., Nashville, Tenn. Food cutter. 2,126,100; Aug. 9.

Falk Corporation, The. (See Schmitter, Walter P., assignor.)

Fallesen, George E., and B. H. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,126,319; Aug. 9.

Fallesen, George E., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,126,318; Aug. 9.

Farnsworth Television Incorporated. (See Gardner, Bernard C., assignor.)

Fator, Charles D., San Antonio, Tex. Control unit for projector and sound reproducing installations. 2,125,903; Aug. 9.

Fear, Ernest D., and T. L. Siebenthaler, assignors to De-Raef Corporation, Kansas City, Mo. Indicating scale. 2,126,377; Aug. 9.

Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bros. M'f'g Co., Philadelphia, Pa. Push drill. 2,126,626; Aug. 9.

Fellers, William M., Washington, D. C., and F. B. Gross, Rosslyn, Va. Catapult. 2,125,904; Aug. 9.

Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)

Fenske, Merrell R., State College, and C. E. Andrews, Overbrook, assignors to Röhm & Haas Company, Philadelphia, Pa. Separating a mixture of trimethylamine and ammonia. 2,125,905; Aug. 9.

Feustel, Ernest A., Hasbrouck Heights, N. J. Yarn carrier. 2,126,249; Aug. 9.

Fiedler, Kurt, Stuttgart, and G. Hegwein, and O. Merten, Dessau, and F. W. Stockmeyer, Stuttgart, assignors to Junkers & Co., G. m. b. H., Dessau, Germany. Controller for gas-heated apparatus. 2,126,378; Aug. 9.

Fiedler, Max G., Chester, Pa. Piston construction. 2,126,627; Aug. 9.

Field, Frank F., Akron, Ohio. Smoker's pipe. 2,126,545; Aug. 9.

Field, Walter S., London, assignor to The Pyrene Company Limited, Brentford, England. Lithographic printing plate. 2,126,181; Aug. 9.

Fillo, Francis B., St. Louis, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,126,182; Aug. 9.

Fink, David E., Kansas City, Mo. Product based upon maté and making the same. 2,126,374; Aug. 9.

Fiondella, Jean A., East Haven, Conn., assignor to Milton Bradley Company, Springfield, Mass. Game device. 2,126,628; Aug. 9.

Fischer, Charles, New York, N. Y. Clasp for goggles. 2,126,379; Aug. 9.

Fleisher, Harry, assignor to Princeton, Inc., Watertown, Conn. Napping machine. 2,126,629; Aug. 9.

Flodin, Nels E., and T. R. Weber, Latrobe, Pa., assignors to American Locomotive Company, New York, N. Y. Journal box and lid therefor. 2,126,546; Aug. 9.

Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,126,380; Aug. 9.

Food Machinery Corporation. (See Thompson, A. R., and Kerr, assignors.)

Foothorap, Harry A., Harrisburg, Pa., assignor to Underwood Elliott Fisher Co., New York, N. Y. Combined calculating and recording machine. 2,126,320; Aug. 9.

Ford, Ben K., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,126,250; Aug. 9.

Fornwalt, Alexander E., Johnstown, Pa. Train pipe valve. 2,126,101; Aug. 9.

Fortier, Russell A. (See Wright, H. C., and Allen, assignors.)

Föttinger, Hermann, Berlin-Charlottenburg, Germany. Turbomechanical transmission gear. 2,126,547; Aug. 9.

Fowler, Robert A., Medford, Mass. Baseball pitching target. 2,126,102; Aug. 9.

Fraim, Freeman W. (See Little, R., Traver, Wood, and Fraim.)

Frank, Harrison J. L., and J. A. Messing, Detroit, Mich. Making electrical connecters. 2,126,183; Aug. 9.

Frankenfield, Miles R., Freeport, Ill. Sack opening and loading device. 2,126,184; Aug. 9.

Franklin Rayon Corporation. (See Little, R., Traver, Wood, and Fraim, assignors.)

Franson, Carl V. (See Storck, F. W., and Franson.)

Fraser, John, Clerkenwell Green, London, assignor to Avery-Hardoll Limited, London, England. Liquid measuring and dispensing apparatus. 2,126,103; Aug. 9.

Frederics, Ernest O., Bronxville, and J. C. Brown, Mount Vernon, N. Y.; said Brown assignor to said Frederics. Hair treating compound. 2,126,375; Aug. 9.

Frei, John, Jr., assignor to The Glolite Corporation, Chicago, Ill. Artificial Christmas tree. 2,125,906; Aug. 9.

Frei, John, Jr., assignor to The Glolite Corporation, Chicago, Ill. Artificial Christmas tree and producing same. 2,125,907; Aug. 9.

Freidel, Edward, Syracuse, N. Y., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Processing cheese. 2,126,679; Aug. 9.

Freudenberg & Co. G. m. b. H. (See Freudenberg, H., and Haas, assignors.)

Freudenberg, Hans, and P. Haas, Weinheim, assignors to Freudenberg & Co. G. m. b. H., Frankfort-on-the-Main, Germany. Finishing leather articles. 2,126,321; Aug. 9.

Freund, Henry H., Cliffside Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dressing textile threads. 2,126,000; Aug. 9.

Friedl, Joseph, Milwaukee, Wis. Dispensing package for candies, nuts, and the like. 2,126,185; Aug. 9.

Friedland, Samuel N., assignor to Champion Knitwear Company, Inc., Rochester, N. Y. Athletic shirt and making the same. 2,126,186; Aug. 9.

Frisbie, Frederick B., Seattle, Wash. Brake-drag measuring machine. 2,126,459; Aug. 9.

Frötschner, Hellmuth, Berlin-Steglitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Analyzer. 2,125,908; Aug. 9.

Fuller Company. (See Eppers, Walter P., assignor.)

Fuller Company. (See Redfield, Snowden B., assignor.)

Fuller Company. (See Redfield, S. B., and Lenhart, assignors.)

Fulton, Stewart C. (See Steik, K. T., and Fulton.)

Fulton, Stewart C., Elizabeth, N. J., and T. Cross, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Producing valuable polymers from olefine mixtures. 2,126,001; Aug. 9.

Fulton, Sylphon Company, The. (See Cate, Paul E., assignor.)

Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Automatic stoker. 2,126,104; Aug. 9.

Gaetke, George O., San Francisco, Calif. Form clamp. 2,126,251; Aug. 9.

Gagnier, Martin F., Detroit, Mich. Window construction. 2,126,381; Aug. 9.

Gahl, Rudolf, Berkeley, Calif. Metallurgical reduction process. 2,125,909; Aug. 9.

Gaines, Frederick W., 3rd. (See Criley, W. W., and Gaines.)

Gallagher, Charles F., Lansing, Mich. Treating meat. 2,126,187; Aug. 9.

Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Vacuum valve. 2,125,910; Aug. 9.

Gardner, Frank G., Maplewood, assignor to Breeze Corporations, Inc., Newark, N. J. Cable bonding means. 2,126,002; Aug. 9.

Garfield, Louis, New York, N. Y. Nipple for nursing bottles. 2,126,322; Aug. 9.

Garfinkel, Max, J. Ruiz, and W. I. Duga, San Francisco, Calif., assignors to The Del-Mac Shoe Process Corporation, New York, N. Y. Shoemaking method and means therefor. 2,125,911; Aug. 9.

Gasoline Products Company. (See Keith, Percival C., Jr., assignor.)

Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Adhesive strip dispenser. 2,126,680; Aug. 9.

General Aniline Works, Inc. (See Holzach, K., and Neumann, assignors.)

General Aniline Works, Inc. (See Krzikalla, H., and Limbacher, assignors.)

General Aniline Works, Inc. (See Vollmann, H., and Becker, assignors.)

General Cable Corporation. (See Atkinson, Ralph W., assignor.)
General Electric Company. (See Anderson, Robert G., assignor.)
General Electric Company. (See Bakke, Hans A., assignor.)
General Electric Company. (See Bedford, Burnice D., assignor.)
General Electric Company. (See Caughey, Reed J., assignor.)
General Electric Company. (See Kirkpatrick, Floyd M., assignor.)
General Electric Company. (See Schaaf, James E., assignor.)
General Electric Company. (See Willis, Clodius H., assignor.)
General Electric Company. (See Wood, Orla L., assignor.)
General Motors Corporation. (See Boehner, Ludwig G., assignor.)
General Motors Corporation. (See Brill, William E., assignor.)
General Motors Corporation. (See Kamrath, Herbert G., assignor.)
General Motors Corporation. (See Keller, Clarence J., assignor.)
General Motors Corporation. (See Pogue, George D., assignor.)
General Motors Corporation. (See Weiher, George F., assignor.)
General Outdoor Advertising Co. Inc. (See Smith, Charles F., assignor.)
General Railway Signal Company. (See Powell, Winfred T., assignor.)
General Railway Signal Company. (See Preston, Neil D., assignor.)
Genung, Leo B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of cellulose esters containing dicarboxylic acid radicals. 2,126,460; Aug. 9.
George, Henri, Paris, and G. Delpech, Clamart, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electrical heating. 2,125,912; Aug. 9.
Gerlach, Erwin, Berlin-Siemensstadt, assignor to Klangfilm G. m. b. H., Berlin, Germany. String galvanometer. 2,126,252; Aug. 9.
Gerlich, Adolph. (See Means, Irving L., assignor.)
Gilmore, Harry R., Steubenville, Ohio. Railroad crossing gate. 2,126,548; Aug. 9.
Ginsberg, Charles W., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Control device for printing machines. 2,126,681; Aug. 9.
Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,126,004; Aug. 9.
Gleason Works. (See Gleason, James E., assignor.)
Gleason Works. (See Johanson, Magnus H., assignor.)
Gleason Works. (See McMullen, F. E., and Slayton, assignors.)
Gleitsman, Harold, Cedarhurst, N. Y. Interconnecting support. 2,126,630; Aug. 9.
Globe-Wernicke Co., The. (See Miskella, William J., assignor.)
Glolite Corporation, The. (See Frei, John, Jr., assignor.)
Godowsky, Leopold, Jr. (See Mannes, L. D., Godowsky, and Peterson.)
Goebels, Paul, Dessau, Germany. Method and apparatus for mixing finely divided material. 2,125,913; Aug. 9.
Goetz, Adolf, Hamburg, Germany. Airship. 2,126,188; Aug. 9.
Goff, Henry J., and E. O. Setzer, assignors to Stockton Box Company, Stockton, Calif. Band saw. 2,126,382; Aug. 9.
Gogal, John G. (See Smith, R. M., and Gogal.)
Goheen, Herman M., Lansing, Mich. Rake tooth cleaner. 2,126,105; Aug. 9.
Goldberg, Louis, Brooklyn, N. Y. Hair straightening apparatus. 2,126,253; Aug. 9.
Goldberg, Max, assignor to National Soda Straw Company, Chicago, Ill. Dispensing and display carton. 2,126,106; Aug. 9.
Goldman, Otto B., Dallas, Tex. Drilling wells. 2,126,189; Aug. 9.
Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
Gordon, Maurice E., Los Angeles, Calif. Ventilating system and installing same. 2,126,107; Aug. 9.
Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)
Government of the United States of America, as represented by the Secretary of War. (See Dabrasky, August, assignor.)
Government of the United States of America, represented by the Secretary of War. (See Knerr, Lewis E., assignor.)
Government of the United States of America, represented by the Secretary of War. (See Shoemaker, Glen W., assignor.)
Gowell, Ernest E., South Portland, Maine. Rug and making the same. 2,126,254; Aug. 9.
Graham, William R., New York, N. Y., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Display box. 2,126,461; Aug. 9.
Grant Manufacturing and Machine Company, The. (See Turnquist, H. L., and Heilman, assignors.)
Green, Newton B. (See Harmon, H. H., and Green.)
Greene, Edgeworth, Upper Montclair, N. J. Protective bottle stopper. 2,126,003; Aug. 9.
Greene, Edgeworth, Upper Montclair, N. J. Nonrefillable bottle stopper. 2,126,005; Aug. 9.
Greenfield Tap and Die Corporation. (See Koonz, Earl R., assignor.)
Griffin, Pauline T., Greenville, N. C. Drain pan. 2,126,631; Aug. 9.
Groene, Willard L., Cincinnati, and E. R. Shipley, Hamilton, assignors to The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio. Orbital broaching lathe. 2,126,462; Aug. 9.
Gross, Frederick B. (See Fellers, W. M., and Gross.)
Gross, Harry. (See Shiffman, J., and Gross.)
Gross, John H., New York, N. Y. Game and apparatus. 2,126,006; Aug. 9.
Grothe, Frank A., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,126,383; Aug. 9.
Guiberson Corporation, The. (See Guiberson, W. R., and Pranger, assignors.)
Guiberson, William R., Los Angeles, Calif., and A. Pranger, assignors to The Guiberson Corporation, Dallas, Tex. Drilling head. 2,126,007; Aug. 9.
Guntrip, Frederick E., Santa Barbara, Calif. Anesthetic. 2,126,463; Aug. 9.
Haas, Philipp. (See Freudenberg, H., and Haas.)
Hacker, Osgar H., Steyr, Austria. Vehicle drive. 2,126,255; Aug. 9.
Haight, William T., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing sheet glass. 2,125,914; Aug. 9.
Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple steam jet refrigerating system. 2,126,384; Aug. 9.
Halbing, John M., Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,125,915; Aug. 9.
Halbing, John M., Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat applying apparatus. 2,125,916; Aug. 9.
Haliburton, William M., Montreal West, Quebec, and R. X. Vandette, Dorval, Quebec, Canada. Fire prevention apparatus for motion picture projecting machines. 2,126,108; Aug. 9.
Hamilton, Jennie B., Westfield, Mass. Sign device. 2,126,008; Aug. 9.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,126,464; Aug. 9.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,126,682; Aug. 9.
Hampton, Leon N., New York, N. Y., and A. K. Smith, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic ticket distributing system. 2,126,549; Aug. 9.
Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,126,323; Aug. 9.
Hanna, William T., Cincinnati, Ohio. Stoker lubrication. 2,125,917; Aug. 9.
Hansen, Julius E., Rochester, N. Y. Truss. 2,126,550; Aug. 9.
Hanson, Russell N., assignor to American Gas Machine Company, Inc., Albert Lea, Minn. Cooking range. 2,126,109; Aug. 9.
Harbordt, Carl G., Kansas City, Mo. Pumping assembly. 2,126,385; Aug. 9.
Hardgrove, Ralph M. (See Bailey, E. G., and Hardgrove.)
Harmon, Herbert H., and N. B. Green, assignors to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,126,324; Aug. 9.
Harris, Clarence E., Winthrop, Mass. Work holder. 2,125,919; Aug. 9.
Harris, Morton, Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Aminochlorodiphenyl derivatives. 2,126,009; Aug. 9.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,126,110; Aug. 9.
Harth, John H., Mendota, Ill. Farm implement disk sharpener. 2,126,632; Aug. 9.
Hartz, John J. (See Smith, C. H., Moorhouse, and Hartz.)
Harvey, Jacquelin E., Jr., R. H. White, Jr., and J. J. White, assignors of one-half to Southern Wood Preserving Company, and one-half to J. E. Harvey, Jr., Atlanta, Ga. Producing wood preservative. 2,125,918; Aug. 9.
Haughton, John L., and W. E. Prytherch, Teddington, England. Magnesium alloy. 2,126,010; Aug. 9.
Hawke, Clarence E., Metuchen, N. J., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Retort and retort setting. 2,126,325; Aug. 9.
Hayden, David H., Candlewood Isle, New Fairfield, Conn. Chair. 2,125,920; Aug. 9.
Haymaker, Coral E., Bartlesville, Okla. Rug making implement. 2,126,551; Aug. 9.
Haynes Stellite Company. (See Wissler, William A., assignor.)
Hazard, Charles S., New York, and W. L. Marden, Jackson Heights, Flushing, N. Y., assignors to Neptune Meter Company. Delivery recorder. 2,126,256; Aug. 9.
Hecker, John C. (See Hickman, K. C. D., and Hecker.)

Hedinger, Fred H., Hampstead, Middlesex, England. Cavity brick for building purposes. 2,126,011; Aug. 9.
Hedinger, Fred H., Hampstead, England. Wall construction. 2,126,012; Aug. 9.
Hegwein, Georg. (See Fiedler, K., Hegwein, Merten, and Stockmeyer.)
Heilman, Frank A. (See Turnquist, H. L., and Heilman.)
Hektner, Joel. (See Buckwalter, T. V., and Hektner.)
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,326; Aug. 9.
Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)
Hendel, Alexander G. (See Hendel, William H. and A. G.)
Hendel, William H. and A. G., Minneapolis, Minn. Tire pressure measuring device. 2,126,327; Aug. 9.
Hendrich, Max W., New York, N. Y. Window shade control device. 2,126,013; Aug. 9.
Henriques, Hilary J. (See McKittrick, D. S., and Henriques.)
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver-beryllium-magnesium alloy. 2,126,386; Aug. 9.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver alloys. 2,126,633; Aug. 9.
Hercules Powder Company. (See Hofmann, Rudolf, assignor.)
Hickman, Kenneth C. D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Medicinal oleaginous distillation. 2,126,466; Aug. 9.
Hickman, Kenneth C. D., and J. C. Hecker, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Distillation process. 2,126,467; Aug. 9.
Higby, Willis O., Turin, N. Y. Indoor storm curtain. 2,126,328; Aug. 9.
Highriter, Harry W. (See Driggs, F. H., and Highriter.)
Hilgenberg, Carl G., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Container. 2,126,465; Aug. 9.
Hilger, Adam, Limited. (See Twyman, F. and Spencer, assignors.)
Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Producing gasoline. 2,125,921; Aug. 9.
Hillhouse, Sylvia R. (See Hillhouse, Charles B., assignor.)
Hinde and Dauch Paper Company, The. (See Graham, William R., assignor.)
Hinds, Daniel C., Vandalia, Ill. Loading device. 2,126,387; Aug. 9.
Hird, Frank E., assignor of one-half to E. Kauffman, Kansas City, Mo. Electromedical instrument. 2,126,257; Aug. 9.
Hoe, R., & Co. (See Clauberg, Herman P., assignor.)
Hoe, R., & Co. (See Ginsberg, Charles W., assignor.)
Hofmann, Rudolf, Dormagen, Germany, assignor to Hercules Powder Company, Wilmington, Del. Cellulose esters. 2,126,190; Aug. 9.
Hoke, Harry A., and H. A. Brenaman, Altoona, Pa. Self-aligning bearing for connecting rods and the like. 2,126,388; Aug. 9.
Hoffer, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Amide derivatives of isoxazole carboxylic acids. 2,126,329; Aug. 9.
Hoffmann-La Roche Inc. (See Hoffer, Max, assignor.)
Holderle, Carl L. (See Holderle, Frederick W. and C. L.)
Holderle, Frederick W. and C. L., Rochester, N. Y. Display case. 2,126,111; Aug. 9.
Holderle, Frederick W. and C. L., Rochester, N. Y. Display case. 2,126,112; Aug. 9.
Holloway, Lewis E., Leesburg, Fla. Apparatus for sterilizing grapefruit juice. 2,126,552; Aug. 9.
Hollwager, Frederick, Massillon, assignor of one-half to B. G. Cope, Akron, Ohio. Combination cupboard and table. 2,126,330; Aug. 9.
Holman, James W., Oklahoma City, Okla. Door closer and check. 2,126,258; Aug. 9.
Holmes, Calvin E. (See Eggers, Clarence C. C., assignor.)
Holub, John J., Cicero, Ill. Slip divider for air conduits. 2,126,014; Aug. 9.
Holzach, Karl, Ludwigshafen-on-the-Rhine, and L. Neumann, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,126,468; Aug. 9.
Homan, Ralph W., assignor to The Magee Carpet Company, Bloomsburg, Pa. Machine for selecting and spooling yarns for Axminster looms. 2,126,634; Aug. 9.
Hoover Company, The. (See Grothe, Frank A., assignor.)
Hoover Company, The. (See Kitto, William H., assignor.)
Hoover Company, The. (See Whitaker, U. A., White, and Taylor, assignors.)
Hopfield, John J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting glass sheets. 2,125,922; Aug. 9.
Hopkins, Edwin, New York, N. Y. Teleticket system. 2,126,635; Aug. 9.
Hopkins, Robert K. (See Wilson, D. W., Chute, and Hopkins.)
Hornberger, Carl S., Glen Ellyn, and M. N. States, Evanston, Ill., assignors to Central Scientific Company. Vacuum pump. 2,126,553; Aug. 9.
Horne, Archibald B., Brooklyn, N. Y. Playground apparatus. 2,126,636; Aug. 9.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,126,637; Aug. 9.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Signaling system for motor vehicles. 2,126,638; Aug. 9.
Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
Houdry Process Corporation. (See Leamon, William G., assignor.)
Howells, Edmund L. (See Howells, Ivor and E. L.)
Howells, Ivor, Girard, and E. L. Howells, Canton, Ohio. Outlet box. 2,126,259; Aug. 9.
Howland, Henry R., Brooklyn, N. Y. Safety book match. 2,126,015; Aug. 9.
Howse, Curtis L., and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,126,683; Aug. 9.
Hoy, Everard K., and U. P. Arena, Alturas, Calif. Machine for breaking meat fiber. 2,126,554; Aug. 9.
Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Composite cementitious article. 2,126,191; Aug. 9.
Hudson Motor Car Company. (See Lytle, S. E., and Berry, assignors.)
Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Ball joint. 2,126,389; Aug. 9.
Hugel, Emile J., Etrepagny, France. Treatment of solutions of colloidal and crystalloidal nature, and in particular of sweet juices and residual waters. 2,126,555; Aug. 9.
Hughes, Everett C., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Manufacture of tubular paper structure. 2,126,556; Aug. 9.
Hughes, John M. (See Roemer, H. A., and Renkin, assignors.)
Humason, Granville A., and W. J. Clay, Houston, assignors to McDonough Iron Works, Galveston, Tex. Container core barrel. 2,126,684; Aug. 9.
Hume, Clifford J. (See Brouse, W. H. D., and Hume.)
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Greaseproof gummed paper. 2,126,192; Aug. 9.
Humphrey, Lila, McGehee, Ark. Automobile seat. 2,126,331; Aug. 9.
Huston, William W., Windsor, Ontario, Canada. Calendar clock. 2,126,469; Aug. 9.
Hutchison, Frank C., Merriam, Kans., and W. J. Jacobson, Scotch Plains, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Welding apparatus. 2,125,923; Aug. 9.
Hutzel, Clyde E. (See Beasley, Edward B., assignor.)
Hydraulic Brake Company. (See Bowen, Myron W., assignor.)
Hygrade Sylvania Corporation. (See McCarthy, Henry J., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Janz, assignors.)
Imperial Chemical Industries Limited. (See Evans, J. G., and Salkeld, assignors.)
Imperial Chemical Industries Limited. (See Sexton, Wilfred A., assignor.)
Ingels, James J. (See Petersen, William H., assignor.)
International Business Machines Corporation. (See Campbell, Charles, assignor.)
International Business Machines Corporation. (See Daly, George F., assignor.)
International Business Machines Corporation. (See Johnson, Reynolds B., assignor.)
International Business Machines Corporation. (See Lake, Clair D., assignor.)
International Business Machines Corporation. (See Lemon, Walter S., assignor.)
International Business Machines Corporation. (See Weinlich, H., and Kölm, assignors.)
International Business Machines Corporation. (See Rowley, Russell A., assignor.)
International Metal Industries Limited. (See Brouse, W. H. D., and Hume, assignors.)
International Paper Company. (See Rolleston, Lancelot O., assignor.)
International Patents Development Company. (See McCoy, Rush O., assignor.)
International Patents Development Company. (See Wakeman, Louis K., assignor.)
Israel, Harry A. (See Elliott, David, assignor.)
Jackson, Bruce A., Oakland, Calif. Liquid container. 2,126,390; Aug. 9.
Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Superheater boiler. 2,126,260; Aug. 9.
Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,126,557; Aug. 9.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,126,391; Aug. 9.
Jacobs, Jenny, New York, N. Y. Treating fur. 2,126,261; Aug. 9.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,126,113; Aug. 9.

Jacobsson, Wilgot J. (See Hutchison, F. C., and Jacobsson.)
Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Lever construction. 2,126,392; Aug. 9.
Jandus, Herbert S., assignor to Oakes Products Corporation, Detroit, Mich. Hand brake lever. 2,126,393; Aug. 9.
Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Hand brake lever. 2,126,016; Aug. 9.
Janline Tile Company. (See Jansen, Henry, assignor.)
Jansen, Henry, assignor to Janline Tile Company, Inc., Chicago, Ill. Tile block. 2,126,394; Aug. 9.
Janz, Heinrich. (See Voss, A., and Janz.)
Jenny, Alexander, Berlin-Charlottenburg, and N. Budiloff, Berlin-Friedenau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Producing photographic representations on aluminum surfaces. 2,126,017; Aug. 9.
Jett, Bernard R., assignor of one-half to C. E. Whitmore, Washington, D. C. Switch box securing device. 2,126,114; Aug. 9.
Jewett, Nelson J. (See Murray, Frederick W., assignor.)
Johanson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,126,262; Aug. 9.
Johns-Manville Corporation. (See Parry, Robert E., assignor.)
Johns-Manville Corporation. (See Powell, Edward R., assignor.)
Johnson, Alfred, New York, N. Y. Tensioned power drive. 2,126,470; Aug. 9.
Johnson, Alfred J., Woodstown, N. J., and G. C. Strouse, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur colors by thionation. 2,125,924; Aug. 9.
Johnson, Earl V., Cleveland Heights, Ohio. Bottle holder. 2,126,639; Aug. 9.
Johnson, Harry R., Baltimore, Ohio. Photographic exposure tester. 2,126,332; Aug. 9.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record punch. 2,126,640; Aug. 9.
Johnston, Mordica O., Glendale, Calif. Main valve for well testing tools. 2,126,641; Aug. 9.
Jones, Daniel H., Collingswood, N. J., assignor to Celanese Corporation of America. Finishing of textile materials of mixed types of fibers. 2,125,925; Aug. 9.
Jones Robert S., San Francisco, Calif. Ride stabilizer. 2,126,642; Aug. 9.
Joplin, William A., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,126,193; Aug. 9.
Jordi, René J., Montrouge, assignor to Etablissements Mighom, Montrouge, Seine, France. Supervision device for variations of temperature. 2,126,115; Aug. 9.
Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,126,395; Aug. 9.
Junkers & Co., G. m. b. H. (See Fiedler, K., Hegwein, Merten, and Stockmeyer assignors.)
Kalkhoff, Charles W., assignor to Louisville Drying Machinery Company, Incorporated, Louisville, Ky. Method of and apparatus for filtering distillery slop. 2,126,018; Aug. 9.
Kallam, Floyd L. (See Smith, Sydney S., assignor.)
Kalmbach, Frederick, assignor, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y. Coal conveyer. 2,125,926; Aug. 9.
Kammerdiner, James A. (See Black, Millard S., assignor.)
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,126,643; Aug. 9.
Karlen, Louis W., assignor to Remington Rand Inc., Buffalo, N. Y. Multiple unit file. 2,126,471; Aug. 9.
Kasdorf, Otto, Montevideo, Uruguay. Closable container. 2,126,116; Aug. 9.
Kasdorf, Otto, Montevideo, Uruguay. Manufacture of containers made of paper and similar materials. 2,126,117; Aug. 9.
Kauffman, Elizabeth. (See Hird, Frank E., assignor.)
Kaul, Gustav A. E., Hackensack, N. J. Photograph frame. 2,126,558; Aug. 9.
Keaton, Frank H. (See Bettison, D. C., and Keaton.)
Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,126,472; Aug. 9.
Keller, Clarence J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Making tubular articles. 2,126,473; Aug. 9.
Kelley, George S., Mount Vernon, N. Y. Load handling machine. 2,126,118; Aug. 9.
Kellogg, M. W., Co., The. (See Wilson, D. W., Chute, and Hopkins, assignors.)
Kelsey-Hayes Wheel Company. (See Main, Frank L., assignor.)
Kelsey-Hayes Wheel Company. (See White, John W., assignor.)
Kemet Laboratories Company. (See Malloy, Paul V., assignor.)
Kenan, William R., Jr. (See Lee, Burgess A., assignor.)
Kent, Everett E., et al. (See Neal, John B., assignor.)
Kerr, Charles E. (See Thompson, A. R., and Kerr.)
Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Self-adjusting clasp for wrist watch bracelets and the like. 2,126,263; Aug. 9.
Kidrick, George F., Yakima, Wash. Pen and pencil holder. 2,126,194; Aug. 9.
King Powder Company, The. (See Lindsley, Milton F., Jr., assignor.)
Kingan & Co. Incorporated. (See Freidel, Edward, assignor.)
Kirk, Ernest W. (See Ellis, G. H., and Kirk.)
Kirk, Ralph, L., Bellevue, assignor to Railway and Industrial Engineering Company, trustee, South Greensburg, Pa. Interlock system for doors. 2,126,333; Aug. 9.
Kirkpatrick, Arnold, assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticizer for rubber derivatives. 2,126,019; Aug. 9.
Kirkpatrick, Floyd M., Erie, Pa., assignor to General Electric Company. Soldering iron. 2,126,559; Aug. 9.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,126,396; Aug. 9.
Klangfilm G. m. b. H. (See Gerlach, Erwin, assignor.)
Kleerup, Bertel J., assignor to Society for Visual Education, Inc., Chicago, Ill. Framing mechanism. 2,126,474; Aug. 9.
Klein, David X., Milwaukee, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of naphthophenazine dyestuffs. 2,126,475; Aug. 9.
Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Winding machine. 2,125,927; Aug. 9.
Kleinschmidt, Edward F., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Automatic tape transmitter. 2,126,397; Aug. 9.
Klosterman, Harry W. (See Ross, Fred, assignor.)
Knerr, Lewis E., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Mechanism for selectively hooking segmental gate structures. 2,125,928; Aug. 9.
Knoll, William V., assignor to Mid-West-Fulton Machine Company, Dayton, Ohio. Machine for refining paper stock. 2,126,264; Aug. 9.
Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phasing and synchronizing of signaling apparatus. 2,126,265; Aug. 9.
Knopf, Edward J. (See Cook, N. E., Knopf and Diehl.)
Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,126,398; Aug. 9.
Kohosoff, Matthew, New York, N. Y. Soldering device. 2,126,399; Aug. 9.
Kölm, Ulrich. (See Weinlich, H., and Kölm.)
Koonz, Earl R., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Hollow mill. 2,126,476; Aug. 9.
Krakovitz, Abraham L., et al. (See Bartelstone, Irving, assignor.)
Krakovitz, Fred, et al. (See Bartelstone, Irving, assignor.)
Krakovitz, Samuel, et al. (See Bartelstone, Irving, assignor.)
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Alloy and manufactures. 2,125,929; Aug. 9.
Krzikalla, Hans, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and producing same. 2,126,477; Aug. 9.
Kushima, James I., Honolulu, Ewa, Oahu, Hawaii. Metal polish and rust remover. 2,126,119; Aug. 9.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Derivatives of cyclohexylamine and uses therefor. 2,126,560; Aug. 9.
Laird, Wilbur G., Pleasantville, N. Y. Air conditioning. 2,126,266; Aug. 9.
Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,126,562; Aug. 9.
Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Paper spacing device. 2,126,644; Aug. 9.
Lamb, Charles, South Pasadena, Calif. Rubber heel. 2,126,561; Aug. 9.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in applying pressure to shoe bottoms. 2,125,930; Aug. 9.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,125,931; Aug. 9.
Landrock, Paul, and A. W. Caps, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Sheet cutting apparatus. 2,126,478; Aug. 9.
Landrock, Paul, Rochester, and B. K. Murchison, Brooklyn, N. Y., assignors to Photostat Corporation, Providence, R. I. Photographic apparatus. 2,126,479; Aug. 9.

Landsiedel, Harry, Wilton, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Character aligning sheet. 2,126,480; Aug. 9.
Langedijk, Siegfried L., and W. Coltof, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Refining vegetable oils and the like. 2,126,334; Aug. 9.
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Sighting device and support for same. 2,126,195; Aug. 9.
Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 2,126,335; Aug. 9.
Lanier, Henry J., Langdale, Ala. Loom filling carrier tip support. 2,126,645; Aug. 9.
Lapp, Grover W., Le Roy, N. Y., and H. Van Rosen, Newton Center, Mass.; said Lapp assignor to said Van Rosen, now by judicial change of name, H. Van Roosen. Dust separator. 2,126,481; Aug. 9.
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Mechanism for and method of effecting changes in plating. 2,126,196; Aug. 9.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Cam for knitting machines. 2,126,646; Aug. 9.
Leach, Robert W., assignor of one-half to Audley Engineering Company Limited, Newport, England. Valve for controlling fluids. 2,126,020; Aug. 9.
Leamon, William G., New York, N. Y., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Process of and apparatus for producing lower boiling products from mineral oils. 2,126,400; Aug. 9.
LeBlond, R. K., Machine Tool Company, The. (See Croene, W. L., and Shipley, assignors.)
Lee, Burgess A., assignor to W. R. Kenan, Jr., Lockport, N. Y. Bottle filling apparatus. 2,126,563; Aug. 9.
Lee, Henry R. (See Klein, D. X., and Lee.)
Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety pilot shut-off. 2,126,564; Aug. 9.
Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,126,647; Aug. 9.
Lenhart, Herbert S. (See Redfield, S. B., and Lenhart.)
Lennon, Robert J., East Moline, Ill. Telescopic sight mounting. 2,125,932; Aug. 9.
Leopold, George O. (See Fegley, T. J., and Leopold.)
Lewis, George S., assignor to Winchester Repeating Arms Company, New Haven, Conn. Safety device for firearms. 2,125,933; Aug. 9.
Lewis, James N., Columbus, Ohio. Food preservation and storage. 2,126,197; Aug. 9.
Lewis, Robert P., Toledo, Ohio, assignor to Automatic Drive and Transmission Company, Gloucester, N. J. Automatic clutch mechanism. 2,126,120; Aug. 9.
Libbey-Owens-Ford Glass Company. (See Haight, William T., assignor.)
Libbey-Owens-Ford Glass Company. (See Hopfield, John J., assignor.)
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Lubricating oil. 2,125,934; Aug. 9.
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Lubricating oil. 2,125,935; Aug. 9.
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Lubricating oil. 2,125,936; Aug. 9.
Lidgerwood Manufacturing Company. (See McLean, Leland, O., assignor.)
Liebmann, Moses, New York, N. Y. Shirt. 2,126,021; Aug. 9.
Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Automatic lubricator. 2,126,198; Aug. 9.
Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Fuel burner control system. 2,126,199; Aug. 9.
Limbacher, Walter. (See Krzikalla, H., and Limbacher.)
Linaker, Frederick W., St. Louis, Mo. Boiler cleaner. 2,126,565; Aug. 9.
Linderman, Bert A., Detroit, Mich. Making pump gears. 2,126,200; Aug. 9.
Lindsley, Milton F., Jr., assignor to The King Powder Company, Kings Mills, Ohio. Explosive. 2,126,401; Aug. 9.
Line Material Company. (See Schultz, William O., assignor.)
Line Material Company. (See Schultz, W. O., and Brown, assignors.)
Lipe, W. C., Inc. (See Spase, Charles B., assignor.)
Lippert, Henry E., Pittsburgh, Pa. Locomotive fuel conveyer. 2,126,267; Aug. 9.
Liquid Carbonic Corporation, The. (See Cordrey, Almon J., assignor.)
Little, Royal, and W. A. Traver, Providence, and J. M. Wood and F. W. Fraim, Cranston, assignors to Franklin Rayon Corporation, Providence, R. I. Apparatus for processing fibrous materials. 2,125,937; Aug. 9.
Loane, Clarence M. (See Shoemaker, B. H., and Loane.)
Lofton, William M., Jr., Chicora, and S. G. Burroughs, Pittsburgh, assignors to Pennsylvania Coal Products Company, Petrolia, Pa. Producing halogenated phenols. 2,126,648; Aug. 9.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,126,482; Aug. 9.
Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,125,938; Aug. 9.
L'Orange, Prosper, Stuttgart-Feuerbach, Germany. Internal combustion engine. 2,126,483; Aug. 9.
Louisville Drying Machinery Company. (See Kalkhoff, Charles W., assignor.)
Lowe, Joe, Corporation. (See Schlichter, Arthur I., assignor.)
Lowe, Rudy. (See Corydon, J., Jr., and Lowe.)
Lubrication Corporation, The. (See Creveling, John L., assignor.)
Lubrication Corporation, The. (See Tear, Harry R., assignor.)
Lubri-Zol Development Corporation, The. (See Valentine, Jerome, assignor.)
Lubs, Herbert A. (See Barnhart, G., and Lubs.)
Luellen, Lloyd, Huntington, Ind., assignor to Deere & Company, Maline, Ill. Straw spreader attachment. 2,126,121; Aug. 9.
Lyle Culvert & Pipe Company. (See Claybaugh, Howard S., assignor.)
Lytle, Samuel E., Lochmoor, and R. H. Berry, assignors to Hudson Motor Car Company, Detroit, Mich. Internal combustion engine. 2,126,649; Aug. 9.
Macfarren, Walter W., Los Angeles, Calif. Rotary shear knife. 2,125,939; Aug. 9.
Macklin Company. (See McIntyre, Thomas J., assignor.)
MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Apparatus for calibrating and proving registers. 2,126,484; Aug. 9.
Magee Carpet Company, The. (See Homan, Ralph W., assignor.)
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,126,485; Aug. 9.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,126,685; Aug. 9.
Mainzer, Berthold, Heppenheim-on-the-Bergstrasse, Germany. Adjustable garment. 2,126,122; Aug. 9.
Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Paper machine. 2,126,486; Aug. 9.
Mall, Arthur W., Chicago, Ill. Portable grinding machine. 2,126,336; Aug. 9.
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
Malloy, Paul V., Lakewood, Ohio, assignor to Kemet Laboratories Company, Inc. Production of high vacuum. 2,126,686; Aug. 9.
Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Stabilizing of cellulose esters. 2,126,487; Aug. 9.
Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Increasing the viscosity of organic acid esters of cellulose. 2,126,488; Aug. 9.
Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Lowering the viscosity of hydrolyzed cellulose esters. 2,126,489; Aug. 9.
Mannes, Leopold D., L. Godowsky, Jr., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color-forming compounds. 2,126,337; Aug. 9.
Manolis, Eustitheos. (See Manolis, George, assignor.)
Manolis, George, assignor of one-half to E. Manolis, Chicago, Ill. Foot and leg covering, overgaiter, and the like. 2,126,022; Aug. 9.
Mantz, Harold. (See Thornbery, J. H., and Mantz.)
Mapes, Leslie A., Palisade, N. J., assignor to The Borden Company, New York, N. Y. Filling apparatus. 2,126,402; Aug. 9.
Marden, William L. (See Hazard, C. S., and Marden.)
Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,126,566; Aug. 9.
Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Couch bed. 2,125,940; Aug. 9.
Martin, Lawrence R. (See Wittel, O., Martin, and Smiley.)
Martin, Michael A., Erie, Pa. Conduit for refrigerant systems. 2,126,687; Aug. 9.
Martin, William H., Detroit, Mich. Welding apparatus. 2,126,490; Aug. 9.
Marvel Equipment Corporation. (See Roethel, John H., assignor.)
Matera, Charles C., assignor to The Superlux Corporation, Hartford, Conn. Lighting device. 2,126,650; Aug. 9.
Matter, Oskar, Vitznau, Switzerland, assignor to Société d'Exploitation des Brevets O. Matter-S. E. B. O. M., Bourges, France. Manufacture of nitric acid esters and of explosives. 2,125,941; Aug. 9.
Mawbey, Lawrence. (See Ricks, F., and Mawbey.)
McAdams, Fredrick H., et al. (See Neal, John B., assignor.)
McArthur, John, assignor of one-half to G. C. Babcock, Vancouver, Washington. Composition for waterproofing wood. 2,126,123; Aug. 9.

McCall, Arthur B., Springfield, Ill. Insulating handgrip. 2,126,201; Aug. 9.
McCallum, Claud E., assignor of one-half to F. O. Weissenburg, and one-half to F. W. Pickard, Miami, Fla. Advertising display apparatus. 2,126,567; Aug. 9.
McCartha, Harry C., Jacksonville, Fla. Refrigerated liquid dispenser. 2,126,491; Aug. 9.
McCarthy, Harry, Kewanee, Ill., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,125,942; Aug. 9.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Suppressor grid tube. 2,126,492; Aug. 9.
McCloskey Varnish Company. (See Bonham, Maurice J., assignor.)
McColly, John C., Hinsdale, Mont. Governor. 2,126,202; Aug. 9.
McCoy, Rush O., Berwyn, Ill., assignor to International Patents Development Company, Wilmington, Del. Evaporation of steep water. 2,126,568; Aug. 9.
McCutcheon, Frank S., Des Moines, Iowa. Excavating bucket. 2,126,124; Aug. 9.
McDonough Iron Works. (See Humason, G. A., and Clay, assignors.)
McGavack, John, Leonia, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Preservation of latex. 2,126,268; Aug. 9.
McGoldrick, Thomas F., Chicago, Ill. Combination tool. 2,126,023; Aug. 9.
McGregor, Thomas A. (See Saunders, W. S., and McGregor.)
McIntire, Charles V., Short Hills, N. J., and L. F. Schrader, Bellerose, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Waste heat boiler. 2,126,125; Aug. 9.
McIntyre, Thomas J., assignor to Macklin Company, Jackson, Mich. Grinding wheel. 2,126,403; Aug. 9.
McKittrick, Donald S., Oakland, and H. J. Henriques, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dewaxing mineral oils. 2,126,493; Aug. 9.
McLean, Leland O., Pittsburgh, Pa., assignor to Lidgerwood Manufacturing Company, Elizabeth, N. J. Portable power shovel and the like. 2,126,404; Aug. 9.
McMullen, Frederick E., and E. T. Slayton, assignors to Gleason Works, Rochester, N. Y. Cutter for cutting gears. 2,125,943; Aug. 9.
McNally, James G. (See Dickey, J. B., and McNally.)
McQuinn, Carl, assignor to Williams Sealing Corporation, Decatur, Ill. Pouring spout and closure. 2,126,651; Aug. 9.
Mead, Fred J., et al. (See Schulz, Joseph, assignor.)
Mead, Margaret M., et al. (See Schulz, Joseph, assignor.)
Means, Irvin L., assignor of one-half to A. Gerlich, Waukegan, Ill. Electric plug. 2,126,494; Aug. 9.
Mephisto Quartz Mill Co. (See Minnick, Frederick L., assignor.)
Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Tanning of hides and skins. 2,125,944; Aug. 9.
Merté, Willy, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,126,126; Aug. 9.
Merten, Otto. (See Fiedler, K., Hegwein, Merten, and Stockmeyer.)
Messer, William E., Cheshire, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Treating rubber and product obtained thereby. 2,126,269; Aug. 9.
Messing, Joseph A. (See Frank, H. J. L., and Messing.)
Metropolitan Sewing Machine Corp. (See Wels, John P., assignor.)
Michaels, Victor M. (See Rushlau, W. V., and Michaels.)
Michot-Dupont, Georges F., Fontaine-Chaalis, France. Apparatus for the thermal treatment of carbonaceous materials. 2,125,897; Aug. 9.
Mid-States Gummed Paper Company. (See Humphner, Ferdinand W., assignor.)
Mid-West-Fulton Machine Company. (See Knoll, William V., assignor.)
Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastmank Kodak Company, Jersey City, N. J. Exposure control for photographic apparatus. 2,126,338; Aug. 9.
Mikimoto, Kokichi, Ginza, Kyobashi-ku, Tokyo-shi, Japan. Production of culture pearls. 2,126,024; Aug. 9.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear shaping machine with swiveled cutter saddle support. 2,126,339; Aug. 9.
Miller, Henry C. W., Los Angeles, Calif. Protective device for drill pipes. 2,126,405; Aug. 9.
Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
Milwaukee Gas Specialty Company. (See Thornbery, J. H., and Mantz, assignors.)
Milwaukee Reliance Boiler Works. (See Sharp, Richard A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Fillo, Francis B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Haines, John E., assignor.)
Minnick, Frederick L., assignor to Mephisto Quartz Mill Co., Spokane, Wash. Quartz mill. 2,126,406; Aug. 9.
Mintz, Alexander, New York, N. Y. Measuring dispenser. 2,126,569; Aug. 9.
Miskella, William J., Cincinnati, Ohio, assignor to The Globe-Wernicke Co. Bag. 2,126,203; Aug. 9.
Mitchell, Frank A., London, and L. J. Simon, Barking, Essex, assignors to Electric & Musical Industries Limited, Middlesex, England. Apparatus for playing a ball game. 2,126,570; Aug. 9.
Mitchell, James G., Handsworth, Birmingham, assignor of one-half to Evered & Company Limited, Smethwick, England. Door hinge. 2,126,127; Aug. 9.
Mohnk, Frank. (See Clawson, M. E., and Mohnk.)
Monsanto Chemical Company. (See Harris, Morton, assignor.)
Monsanto Chemical Company. (See Kirkpatrick, Arnold, assignor.)
Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
Monsanto Chemical Company. (See Nason, Howard K., assignor.)
Monsanto Chemical Company. (See Stutson, Alverd C., assignor.)
Montgomery, Harley A., Highland Park, Mich. Lubricant and method of lubricating metal during forming operations. 2,126,128; Aug. 9.
Montgomery, Walter H., Washington, D. C. Torque indication wrench. 2,125,945; Aug. 9.
Moore, Edward, assignor of one-half to D. Peterson, Newark, N. J. Two-cycle solid-fuel injection supercharged engine. 2,126,270; Aug. 9.
Moore, Joseph G., Albany, N. Y. Lubricant container for journal boxes. 2,126,129; Aug. 9.
Moorhouse, Robert W. (See Smith, C. H., Moorhouse, and Hartz.)
Moran, Taylor M., Montreal, Quebec, Canada, assignor to United States Rubber Products, Inc., New York, N. Y. Apparatus for equalizing the tension on a plurality of threads. 2,126,271; Aug. 9.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,126,571; Aug. 9.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,204; Aug. 9.
Morrill, Myron C., South Plainfield, N. J. Game apparatus. 2,126,572; Aug. 9.
Morris, Lonnis A., Thayer, Mo. Pneumatic foot for artificial limbs. 2,126,654; Aug. 9.
Morton, William A., Mount Lebanon, assignor to Amco, Incorporated, Pittsburgh, Pa. Open hearth furnace. 2,126,272; Aug. 9.
Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Annunciator recorder system. 2,126,025; Aug. 9.
Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Slack adjuster. 2,126,652; Aug. 9.
Municipal Sanitary Service Corporation. (See Streander, Philip B., assignor.)
Munson, Jokum J., Milwaukee, Wis. Boltless bracket hinge. 2,126,026; Aug. 9.
Murchison, Blackwell K. (See Landrock, P., and Murchison.)
Murphy, Fred K., Indianapolis, Ind. Journal box. 2,126,205; Aug. 9.
Murray, Frederick W., Fairfax County, assignor of one-third to N. J. Jewett, Arlington County, Va. Differential control device. 2,126,653; Aug. 9.
Muth, Herbert, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical condenser. 2,126,027; Aug. 9.
N. V. Philips' Gloeilampenfabrieken. (See Busse, E., van der Mark, and Venis, assignors.)
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating mechanism. 2,126,340; Aug. 9.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Film gate construction. 2,126,341; Aug. 9.
Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany, Springing of vehicles. 2,126,130; Aug. 9.
Nash-Kelvinator Corporation. (See Bohn, Nicholas J., assignor.)
Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
Nason, Howard K., assignor to Monsanto Chemical Company, St. Louis, Mo. Safety glass. 2,126,028; Aug. 9.
Nassau Smelting and Refining Company. (See Deitz, L. S., Jr., and Weiser, assignors.)
National Products Corporation. (See Pierson, Willett C., assignor.)
National Soda Straw Company. (See Goldberg, Max, assignor.)
Neal, John B., Allston, assignor of thirty-seven and one-half per cent to F. H. McAdams, Revere, and twenty-five per cent to E. E. Kent, Newton, Mass. Combined milk and cream container and separator. 2,126,655; Aug. 9.
Neptune Meter Company. (See Hazard, C. S., and Marden, assignors.)
Neumann, Ludwig. (See Holzach, K., and Neumann.)
Nippert, Paul W., Columbus, Ohio. Generator testing machine. 2,126,342; Aug. 9.
Noffsinger, Fred P. and R. W., Greeley, Colo. Conveyer chain. 2,126,274; Aug. 9.
Noffsinger, Robert W. (See Noffsinger, Fred P. and R. W.)
Norbom, Torleif, assignor to S. Morgan Smith Company, York, Pa. Vacuum breaker for hydraulic machines. 2,125,946; Aug. 9.

Norddeutsche Kabelwerke Aktiengesellschaft. (See Wanske, Kurt, assignor.)
North Bros. M'f'g Co. (See Fegley, T. J., and Leopold, assignors.)
Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)
Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Manufacture of midsoles. 2,125,947; Aug. 9.
Oakes Products Corporation. (See Duncan, Charles R., assignor.)
Oakes Products Corporation. (See Jandus, Herbert S., assignor.)
Ocker, William C., and G. R. Smith, Brookfield, Tex. Hinged propeller blade. 2,125,948; Aug. 9.
O'Connor, George K., Winnetka, assignor to Smoot Engineering Corporation, Chicago, Ill. Regulator. 2,125,949; Aug. 9.
Ogilby, Stewart R., Staten Island, assignor to United States Rubber Products, Inc., New York, N. Y. Making sponge rubber. 2,126,273; Aug. 9.
Ogilby, Stewart R., Staten Island, assignor to United States Rubber Products, Inc., New York, N. Y. Making sponge rubber. 2,126,275; Aug. 9.
Oppenheimer Casing Company. (See Pardekooper, Garrett, assignor.)
Orebaugh, Samuel E., Des Moines, Iowa. Forced ventilator for toilet bowls. 2,126,131; Aug. 9.
Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
Otto, Dr. C., & Company, G. m. b. H. (See Beimann, Wilhelm, assignor.)
Overguard, Christian A., North Olmsted, Ohio, assignor of one-half to E. Swanson. Pipe threading die or tool. 2,126,343; Aug. 9.
Paasche, Jens A., Wilmette, Ill. Carburetor. 2,126,132; Aug. 9.
Pack, Herschel G., Salt Lake City, Utah. Thermoelectric converter. 2,126,656; Aug. 9.
Packard Motor Car Company. (See Paton, Clyde R., assignor.)
Padgett, Joseph E., Toledo, Ohio. Gauging apparatus. 2,126,495; Aug. 9.
Padgett, Walter C., Kansas City, Mo. Time switch. 2,126,496; Aug. 9.
Page, William M., Marblehead, Mass. Shoemaking. 2,126,276; Aug. 9.
Paine, Howard S., Chevy Chase, Md., and E. Yanovsky, Washington, D. C.; dedicated to the free use of the People of the United States of America. Sweetpotato sirup. 2,126,133; Aug. 9.
Palley, James L., and E. Werner, assignors to Palley Manufacturing Company, Pittsburgh, Pa. Cabinet and the like. 2,126,135; Aug. 9.
Palley, James L., Pittsburgh, and E. Werner, Bellevue, assignors to Palley Manufacturing Company, Pittsburgh, Pa. Cabinet and the like. 2,126,134; Aug. 9.
Palley Manufacturing Company. (See Palley, J. L., and Werner, assignors.)
Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Plain bearing. 2,126,688; Aug. 9.
Papendick, Inc. (See Szwargulski, Alexander N., assignor.)
Paragon Electric Company. (See Swensen, Emil F., assignor.)
Pardekooper, Garrett, Ottumwa, Iowa, assignor to Oppenheimer Casing Company, Chicago, Ill. Casing-stripping machine. 2,125,950; Aug. 9.
Parke, Davis & Company. (See Dyson, G. M., and Renshaw, assignors.)
Parker, Lionel D., Barrow-in-Furness, assignor to Vickers-Armstrongs Limited, Westminster, England. Apparatus for drying slurry and other materials. 2,126,029; Aug. 9.
Parry, Robert E., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Finishing composition and flatting agent for use therein. 2,125,951; Aug. 9.
Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Vehicle heating. 2,126,497; Aug. 9.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,126,498; Aug. 9.
Payne, Frederick S., River Edge, N. J., and F. W. Broderick, New Brighton, assignors to Reynolds Metals Company, New York, N. Y. Book display box. 2,126,407; Aug. 9.
Pennsylvania Coal Products Company. (See Lofton, W. M., Jr., and Burroughs, assignors.)
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Link assembly. 2,126,408; Aug. 9.
People of the United States of America, Dedicated to the free use of the. (See Paine, H. S., and Yanovsky.)
Perry, Nelson L., Chicago, Ill. Combined foot brake and accelerator. 2,125,952; Aug. 9.
Petersen, Leslie T., Denison, Iowa. Heated tank for livestock. 2,126,657; Aug. 9.
Petersen, William H., assignor to J. J. Ingels, Chicago, Ill. Metal joint for sheets or pipe. 2,126,499; Aug. 9.
Peterson, Carroll. (See Taylor, E. W., and Peterson.)
Peterson, David. (See Moore, Edward, assignor.)
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna support. 2,126,030; Aug. 9.
Peterson, Willard D. (See Mannes, L. D., Godowsky, and Peterson.)
Petrea, Norfleet O., Mount Pleasant, N. C. Bottom roll clearer for textile machines. 2,126,500; Aug. 9.
Pfeiffer, Paul, Altona-Hamburg, Germany. Diesel pile driver. 2,126,409; Aug. 9.
Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,126,658; Aug. 9.
Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,126,659; Aug. 9.
Phelps Dodge Copper Products Corporation. (See Beach, Harold K., assignor.)
Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
Phillips, Ralph T. (See Shaffer, J. W., and Phillips.)
Phosphate Recovery Corporation. (See Tartaron, Francis X., assignor.)
Photostat Corporation. (See Landrock, P., and Caps, assignors.)
Photostat Corporation. (See Landrock, P., and Murchison, assignors.)
Pickard, Frank W., et al. (See McCallum, Claud E., assignor.)
Pickett, Francis N., London, England, assignor to United States Rubber Products, Inc., New York, N. Y. Production of organic deodorized solvents. 2,126,277; Aug. 9.
Pierce, Lee D., Fulton, N. Y. Knock-down container. 2,126,136; Aug. 9.
Pierson, Willett C., East Orange, N. J., assignor to National Products Corporation, Washington, D. C. Plastic material. 2,126,344; Aug. 9.
Pineo, Orrin W., Milo, Maine, assignor to The Calco Chemical Company, Inc., Bridgewater Township, N. J. Spectrophotometer. 2,126,410; Aug. 9.
Piotrowski, John B., Chippewa Falls, Wis. Attachment for toe softening apparatus. 2,126,345; Aug. 9.
Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
Plotkin, Joseph H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Hand luggage. 2,126,206; Aug. 9.
Plotkin, Joseph H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Hand luggage. 2,126,207; Aug. 9.
Pneumatic Scale Corporation. (See Joplin, William A., assignor.)
Pogue, George D., New York, N. Y., assignor to General Motors Corporation. Spring type vibration isolating apparatus. 2,126,660; Aug. 9.
Popp, Walter H., and E. A. Ebert, Buffalo, N. Y. Vibratory screen. 2,126,031; Aug. 9.
Potter, Rowland S., Brightford Heights, assignor to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Color photography structure. 2,126,137; Aug. 9.
Potter, Sydney W. (See Woodcock, R. B., and Potter.)
Potts, William F., Kansas City, Mo. Raking apparatus. 2,126,573; Aug. 9.
Pouliot, Alex, Chicago, Ill. Suction plunger. 2,126,689; Aug. 9.
Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Making mineral wool. 2,126,411; Aug. 9.
Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,208; Aug. 9.
Powers Regulator Company, The. (See Crump, Alvin L., assignor.)
Pranger, Albert. (See Guiberson, W. R., and Pranger.)
Preston, Frank W., Butler, Pa. Structural glass. 2,126,574; Aug. 9.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,209; Aug. 9.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,210; Aug. 9.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,211; Aug. 9.
Price, Joseph W., Jr. (See Light, R. A., and Price.)
Princeton, Inc. (See Fleisher, Harry, assignor.)
Prochnow, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver of telephonic or telegraphic signals. 2,125,953; Aug. 9.
Procter & Gamble Company, The. (See Duncan, Robert A., assignor.)
Proportioneers, Inc. (See Corydon, J., Jr., and Lowe, assignors.)
Provinson, Robert D., Pittsburgh, Pa. Air brake system for automotive vehicles. 2,126,661; Aug. 9.
Prytherch, William E. (See Haughton, J. L., and Prytherch.)
Puderbaugh, David G., Altoona, Pa. Painter's guide. 2,126,501; Aug. 9.
Purdy, Earl L. (See Cox, C. C., and Purdy.)
Pyrene Company Limited, The. (See Field, Walter S., assignor.)
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Co., Stamford, Conn. All-welded skid platform. 2,126,278; Aug. 9.

R-B-M Manufacturing Company. (See Catron, H., Clayton, and Dashner, assignors.)
Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)
Radio Corporation of America. (See Belar, Herbert, assignor.)
Radio Corporation of America. (See Carter, Philip S., assignor.)
Radio Corporation of America. (See Collings, Rupert H. P., assignor.)
Radio Corporation of America. (See Cook, Ellsworth D., assignor.)
Radio Corporation of America. (See Doolittle, Franklin M., assignor.)
Radio Corporation of America. (See Duttera, William S., assignor.)
Radio Corporation of America. (See Evans, John, assignor.)
Radio Corporation of America. (See Peterson, Harold O., assignor.)
Radio Corporation of America. (See Turner, Alfred H., assignor.)
Radio Corporation of America. (See Wilson, James T., assignor.)
Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car construction. 2,126,690; Aug. 9.
Railway and Industrial Engineering Company. (See Kirk, Ralph L., assignor.)
Ramsey, Fred J., Harrisburg, Pa. Hydraulic transmission. 2,126,662; Aug. 9.
Randol, Glenn T., Cape Girardeau, Mo. Control mechanism for automobile transmissions. 2,126,033; Aug. 9.
Randol, Glenn T., Marmaduke, Ark. Motor vehicle transmission control. 2,126,032; Aug. 9.
Ranney, Leo, Massillon, Ohio. Method of and apparatus for recovering water from and supplying water to subterranean formations. 2,126,575; Aug. 9.
Ranney, Leo, Morro Bay, Calif. Apparatus for and method of boring into and treating earth material. 2,126,576; Aug. 9.
Rawlings Manufacturing Company. (See Scudder, Mason, assignor.)
Rawlinson, George H., Portland, Oreg. Garment pressing machine. 2,126,577; Aug. 9.
Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
Reading Foundry and Supply Co. (See De Hart, John R., assignor.)
Redfield, Snowden B., Bethlehem, assignor to Fuller Company, Catasauqua, Pa. Air compressor. 2,126,280; Aug. 9.
Redfield, Snowden B., Bethlehem, and H. S. Lenhart, Allentown, assignors to Fuller Company, Catasauqua, Pa. Air compressor. 2,126,279; Aug. 9.
Redlinger, Frank A., Erie, Mich. Airfoil. 2,126,502; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter spindle and bearing assembly for earth boring drills. 2,126,034; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring bit. 2,126,035; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,126,036; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Reamer cutter. 2,126,037; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter, spindle, and antifriction bearing assembly. 2,126,038; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,126,039; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter organization for earth boring drills. 2,126,040; Aug. 9.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter and spindle assembly for earth boring drills. 2,126,041; Aug. 9.
Reinitz, George J., Brooklyn, assignor to United Laundry Machinery Corporation, New York, N. Y. Starching machine. 2,126,663; Aug. 9.
Reins, Hugo, Berlin-Charlottenburg, Germany. Laminated spring. 2,126,042; Aug. 9.
Reis, Raymond J., Louisville, Ky. Antitermite plate. 2,126,664; Aug. 9.
Remington Rand Inc. (See Karlen, Louis W., assignor.)
Remington Rand Inc. (See Landsiedel, Harry, assignor.)
Renkin, Robert F. (See Roemer, H. A., and Renkin.)
Renshaw, Arnold. (See Dyson, G. M., and Renshaw.)
Rentler, Joseph, Columbus, Ohio. Strip mounting device for windows. 2,126,043; Aug. 9.
Respess, Roland B., Wickford, R. I. Hangar. 2,126,413; Aug. 9.
Retailliau, Edmond R. P. E., and J. B. Wyman, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Refining of mineral oils. 2,126,503; Aug. 9.
Reynolds, Alger P., North Beverly, assignor to Spaulding-Moss Company, Boston, Mass. Sensitized blue print paper and coating therefor. 2,126,504; Aug. 9.
Reynolds Metals Company. (See Payne, F. S., and Broderick, assignors.)
Richards, Thomas S. J., Glendale, Calif., assignor to Don Baxter, Inc. Vacuum seal indicator. 2,126,212; Aug. 9.
Richter, Henry G., Westfield, N. J. Variable resistor. 2,125,954; Aug. 9.
Ricks, Fred, and L. Mawbey, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying pressure to shoe bottoms. 2,125,955; Aug. 9.
Riedel-E., J. D., de Haën A.-G. (See Wakenhut, Alfred, assignor.)
Riese, Karl F., Minneapolis, Minn. Folding machine. 2,126,138; Aug. 9.
Risser, Ivan H., assignor to U. S. Bottlers Machinery Company, Chicago, Ill. Joint construction for conduits. 2,126,505; Aug. 9.
Robertson, H. H., Company. (Sss Hubbell, Dean S., assignor.)
Roemer, Henry A., Youngstown, Ohio, and R. F. Renkin, Sharon, Pa., assignors of one-third to J. M. Hughes, Youngstown, Ohio. Method of terne coating. 2,126,578; Aug. 9.
Roemer, William C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Breakdown firearm. 2,125,956; Aug. 9.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Hinge construction. 2,126,579; Aug. 9.
Rohm & Haas Company. (See Andrews, C. E., and Spence, assignors.)
Röhm & Haas Company. (See Bruson, Herman A., assignor.)
Röhm & Haas Company. (See Fenske, M. R., and Andrews, assignors.)
Rolleston, Lancelot O., Glens Falls, assignor to International Paper Company, New York, N. Y. Manufacture of soluble cellulose. 2,126,044; Aug. 9.
Rosborough, William M., Charlotte, N. C. Self-locking cotter pin. 2,126,346; Aug. 9.
Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Manufacturing gasoline. 2,126,281; Aug. 9.
Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Catalyst and making the same. 2,126,282; Aug. 9.
Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Manufacturing gasoline or other liquid hydrocarbons. 2,126,283; Aug. 9.
Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Catalyst. 2,126,284; Aug. 9.
Roseman, Joseph A., Glenview, Ill. Bed knife adjustment for mowing machines. 2,126,139; Aug. 9.
Rosenfeld, Mitchell H., Cleveland Heights, Ohio. Knot actuated stop motion. 2,126,348; Aug. 9.
Ross, Fred, assignor to H. W. Klosterman, Portland, Oreg. Primer valve for floor drains. 2,126,140; Aug. 9.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Circuit breaker. 2,126,412; Aug. 9.
Rowland, John T., Carmel, Calif. Rig for sail boats and vessels. 2,126,665; Aug. 9.
Rowley, Russell A., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,126,666; Aug. 9.
Roy, Sebastien, Jr., Arabi, La. Deck compact. 2,126,580; Aug. 9.
Royal Typewriter Company. (See Handley, George F., assignor.)
Ruiz, Joseph. (See Garfinkel, M. Ruiz, and Duga.)
Runge, Wilhelm. (See Muth, H., and Runge.)
Rushlau, William V., and V. M. Michaels, Omaha, Nebr. Casing cleaning and fatting machine. 2,126,506; Aug. 9.
Russell, Thomas F., assignor of one-third to M. J. Dittman, and one-third to H. E. Sills, Youngstown, Ohio. Can top perforator and stopper. 2,126,667; Aug. 9.
Rustless Iron and Steel Corporation. (See Krivobok, Vsevolod N., assignor.)
Ruth, Joseph P., Denver, Colo. Slipper bearing. 2,126,668; Aug. 9.
Ruttiman, Alfred, assignor to Simplex Time Recorder Co., Gardner, Mass. Ribbon mechanism for recording apparatus. 2,126,347; Aug. 9.
Ryberg, Charles O., Brockton, Mass. Heel. 2,126,669; Aug. 9.
Sager, Solomon M., Hubbard Woods, Ill., assignor to Sagren Corporation. Fountain pen. 2,125,957; Aug. 9.
Sagren Corporation. (See Sager, Solomon M., assignor.)
Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Shiftably mounted work guide. 2,126,507; Aug. 9.
St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)
Salkeld, Charles E. (See Evans, J. G., and Salkeld.)
Salo, Martti, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic developing and fixing solution. 2,126,349; Aug. 9.

Samson-United Corporation. (See Samuels, Abe O., assignor.)
Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Drier. 2,126,581; Aug. 9.
Santamaria, Emedio. (See Santamaria, Michelino and E.)
Santamaria, Michelino and E., Rochester, N. Y. Fruit juice expressing device. 2,126,045; Aug. 9.
Saunders, Walter S., assignor to American Forging & Socket Company, Pontiac, Mich. Hood latch. 2,126,141; Aug. 9.
Saunders, Walter S., and T. A. McGregor, assignors to The American Forging & Socket Company, Pontiac, Mich. Seat supporting means. 2,126,142; Aug. 9.
Saunders, Walter S., and T. A. McGregor, assignors to The American Forging & Socket Company, Pontiac, Mich. Adjustable supporting means. 2,126,143; Aug. 9.
Savage, W. J., Company. (See Fulton, Weston M., assignor.)
Schaaf, James E., Nutley, N. J., assignor to General Electric Company. Refrigerator. 2,126,285; Aug. 9.
Schardt, Fred, Fort Lauderdale, Fla. Combined ventilator and awning. 2,126,213; Aug. 9.
Schaub, Gordon C., Bayonne, N. J., assignor to The Best Foods, Inc., New York, N. Y. Device for combining regulated quantities of materials. 2,126,414; Aug. 9.
Scheele, Alexander W., Berlin-Lichterfelde-West, Germany. Kaleidoscope. 2,126,415; Aug. 9.
Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Comb. 2,126,214; Aug. 9.
Schembri, James, Ithaca, N. Y. Bearing. 2,126,046; Aug. 9.
Schenk, Edouard H., New York, N. Y., assignor to E. Brandt, Paris, France. Mechanical time fuse. 2,126,047; Aug. 9.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube. 2,126,286; Aug. 9.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television tube. 2,126,287; Aug. 9.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Electronic tube. 2,126,288; Aug. 9.
Schlichter, Arthur L., assignor to Joe Lowe Corporation, New York, N. Y. Attachment for alimentary forming machines. 2,126,416; Aug. 9.
Schmeller, John, Sr., Lakewood, Ohio. Engine cooling device. 2,125,958; Aug. 9.
Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover fastener. 2,126,582; Aug. 9.
Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,126,508; Aug. 9.
Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Speed reducer. 2,126,691; Aug. 9.
Schrader, Lloyd F. (See McIntire, C. V., and Schrader.)
Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting truck. 2,126,289; Aug. 9.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse link throwout device. 2,126,217; Aug. 9.
Schultz, William O., South Milwaukee, and C. W. Brown, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse link throwout device. 2,126,215; Aug. 9.
Schultz, William O., South Milwaukee, and C. W. Brown, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse link expelling means. 2,126,216; Aug. 9.
Schulz, August R., Jr., St. Louis, Mo. Adjustable window scaffold. 2,126,218; Aug. 9.
Schulz, Joseph, Newark, assignor to F. J. and M. M. Mead, Orange, N. J. Burial vault cover. 2,126,219; Aug. 9.
Schwarze Electric Company. (See Von Voigtlander, Frederick, assignor.)
Schwinn, Frank W., Chicago, Ill. Metal wheel rim. 2,126,222; Aug. 9.
Schwinn, Frank W., Chicago, Ill. Metal wheel rim. 2,126,223; Aug. 9.
Scott, Wingfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,126,670; Aug. 9.
Scudder, Mason, assignor to Rawlings Manufacturing Company, St. Louis, Mo. Making an inflatable ball equipped with an outer cover. 2,126,220; Aug. 9.
Sealcell Corporation. (See Breuchaud, Jules R., assignor.)
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Backing paper for roll coating film. 2,126,350; Aug. 9.
Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical cable. 2,126,290; Aug. 9.
Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 2,125,959; Aug. 9.
Semet-Solvay Engineering Corporation. (See McIntire, C. V., and Schrader, assignors.)
Sentry Company, The. (See Crocker, Percival B., assignor.)
Sessums, John W., Fairfield, Ohio. Aircraft propeller unit. 2,126,221; Aug. 9.
Setzer, Emil O. (See Goff, H. J., and Setzer.)
Severin, Jose, Mulheim-Ruhr, assignor to Deutsche Röhrenwerke Aktiengesellschaft, Dusseldorf, Germany. Tube rolling mill. 2,126,509; Aug. 9.
Sexton, Wilfred A., Manchester, England, assignor to Imperial Chemical Industries Limited. Intermediates for azo dyes. 2,126,048; Aug. 9.
Shaff, Joseph W., Woodbine, Iowa. Collapsing shipping crate. 2,126,583; Aug. 9.
Shaffer, John W., & Company. (See Shaffer, J. W., and Phillips, assignors.)
Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company. Traffic button. 2,126,224; Aug. 9.
Shakespeare Products Company. (See Weber, Herman, assignor.)
Sharp, Donald E., Hamburg, N. Y. Apparatus for feeding charges of molten glass. 2,126,351; Aug. 9.
Sharp, Richard A., assignor to Milwaukee Reliance Boiler Works, Milwaukee, Wis. Burner installation for boilers. 2,126,417; Aug. 9.
Shell Development Company. (See Langedijk, S. L., and Coltof, assignors.)
Shell Development Company. (See McKittrick, D. S., and Henriques, assignors.)
Shell Development Company. (See Retailliau, E. R. P. E., and Wyman, assignors.)
Shepherd, Judson O., Atlanta, Ga. Traffic control system. 2,126,144; Aug. 9.
Sherman, Fred E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-upper edge-treating machine. 2,125,960; Aug. 9.
Shiffman, Jerome, and H. Gross, New York, N. Y. Display box. 2,126,049; Aug. 9.
Shiffman, Jerome, and H. Gross, New York, N. Y. Display box. 2,126,050; Aug. 9.
Shipley, Elmer R. (See Groene, W. L., and Shipley.)
Shoemaker, Bernard H., and C. M. Loane, Hammond, Ind., assignors to Sandard Oil Company, Chicago, Ill. Color stable viscous hydrocarbon oil. 2,125,961; Aug. 9.
Shoemaker, Glen W., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Apparatus for altering the position of fishway portals. 2,125,962; Aug. 9.
Siebenthaler, Thomas L. (See Fear, E. D., and Siebenthaler.)
Sieglitz, Adolf. (See Zeh, W., Sieglitz, and Dabelow.)
Siemens & Halske, Aktiengesellschaft. (See Jenny, A., and Budiloff, assignors.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Eule, Martin, assignor.)
Siemens & Halske Aktiengesellschaft. (See Walter, Hans, assignor.)
Siess, Henry J., and J. E. Casse, assignors to Crawford Door Company, Detroit, Mich. Sectional door. 2,126,418; Aug. 9.
Sievers, Robert, New York, N. Y. Support for hairpins. 2,126,051; Aug. 9.
Sills, Harry E., et al. (See Russell, Thomas F., assignor.)
Simon, Louis J. (See Mitchell, F. A., and Simon.)
Simons, Glenn, Larrabee, Iowa. Staple clincher for steel fences. 2,126,225; Aug. 9.
Simplex Time Recorder Co. (See Ruttiman, Alfred, assignor.)
Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)
Sipp-Eastwood Corporation. (See Klein, Frederick, assignor.)
Skinner, William C., Detroit, Mich. Fuel burner. 2,125,963; Aug. 9.
Slaugenhop, George E., Vernon, Tex. Rod cleaner. 2,126,671; Aug. 9.
Slayton, Ensign T. (See McMullen, F. E., and Slayton.)
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,126,291; Aug. 9.
Small, James W., Chicago, Ill. Coffeepot. 2,126,584; Aug. 9.
Smiley, Dwight H. (See Wittel, O., Martin, and Smiley.)
Smit, J. K., & Sons, Inc. (See Taylor, Rutherford H., assignor.)
Smith, Albert K. (See Hampton, L. N., and Smith.)
Smith, Benjamin F. and W. E., and W. C. Broyles, Fort Smith, Ark. Sandwich bun slicer. 2,126,226; Aug. 9.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Bulletin board construction. 2,125,964; Aug. 9.
Smith, Claude H., Tallmadge, R. W. Moorhouse, Fairlawn, and J. J. Hartz, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Separating fiber from rubber. 2,126,672; Aug. 9.
Smith, George R. (See Ocker, W. C., and Smith.)
Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City N. J. Cellulose mixed ester sheeting containing a lower alkyl myristate. 2,126,510; Aug. 9.
Smith, Herman C., Los Angeles, Calif. Underreamer 2,126,146; Aug. 9.
Smith, Herman C., Whittier, Calif. Cutter. 2,126,145; Aug. 9.

Smith, James A., Elmira, assignor to Underwood Elliott Fisher Company, New York, N. Y. Writing machine. 2,126,352; Aug. 9.
Smith, Ricardo M., and J. G. Gogal, Passaic, N. J. Automatic fabric picker-off and feeding machine. 2,126,147; Aug. 9.
Smith, S. Morgan, Company. (See Norbom, Torleif, assignor.)
Smith, Sydney S., St. Louis, Mo., assignor, by mesne assignments, to F. L. Kallam, Los Angeles, Calif. Device for recording vapor pressure. 2,126,052; Aug. 9.
Smith, Walter E. (See Smith, Benjamin F. and W. E., and Broyles.)
Smith, William A., Jr., assignor to The Buckeye Portable Tool Company, Dayton, Ohio. Portable power operated tool. 2,126,673; Aug. 9.
Smith, William L., Jr. (See Lawson, R. H., and Smith.)
Smith, William S., Battle Creek, Mich. Bituminous binder material and producing the same. 2,126,419; Aug. 9.
Smooth Engineering Corporation. (See O'Connor, George K., assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See George, H., and Delpech, assignors.)
Société d'Exploitation des Brevets O. Matter—S. E. B. O. M. (See Matter, Oskar, assignor.)
Society for Visual Education, Inc. (See Kleerup, Bertel J., assignor.)
Solomon, Jack, New York, N. Y. Tray. 2,126,353; Aug. 9.
Sonneborn, L., Sons Inc. (See Liberthson, Leo, assignor.)
Soulé, Edward L., Oakland, Calif. Diagonal bracing for metallic structures. 2,126,511; Aug. 9.
Southern Wood Preserving Company et al. (See Harvey, J. E. Jr., and White, Robert H., Jr., and J. J., assignors.)
Souza, John A., San Jose, Calif. Door. 2,126,148; Aug. 9.
Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch. 2,126,149; Aug. 9.
Spaulding-Moss Company. (See Reynolds, Alger P., assignor.)
Spence, Le Roy U. (See Andrews, C. E., and Spence.)
Spencer, Leonard J. (See Twyman, F., and Spencer.)
Sprigings, David A., assignor to Standard Container, Inc., Bloomfield, N. J. Spool. 2,126,053; Aug. 9.
Standard Container, Inc. (See Sprigings, David A., assignor.)
Standard Mailing Machines Company. (See Storck, F. W., and Franson, assignors.)
Standard Oil Company. (See Arveson, Maurice H., assignor.)
Standard Oil Company. (See Barnard, Daniel P., IV, assignor.)
Standard Oil Company. (See Shoemaker, B. H., and Loane, assignors.)
Standard Oil Company (Ohio), The. (See Ambrosius, George M., assignor.)
Standard Oil Company (Ohio), The. (See Hughes, Everett C., assignor.)
Standard Oil Development Company. (See Fulton, S. C. and Cross, assignors.)
Standard Oil Development Company. (See Starr, John V., assignor.)
Standard Oil Development Company. (See Steik, K. T., and Fulton, assignors.)
Stanley, Walter, Kidderminster, England. Fishing reel and winding gear generally. 2,126,227; Aug. 9.
Starr, John V., Cranford, N. J., assignor to Standard Oil Development Company. Using hydrogenated solvents for dewaxing oils. 2,126,055; Aug. 9.
States, Marshall N. (See Hornberger, C. S., and States.)
Staud, Cyril J. (See Fallesen, G. E., and Staud.)
Stearns, John E., Tulare County, Calif. Feeding tank for frog culture. 2,126,056; Aug. 9.
Steik, Karl T., Montclair, and S. C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company. Emulsifying agent and preparing same. 2,126,054; Aug. 9.
Stemen, Fremont D., Linngrove, Ind. Rodent and animal trap. 2,126,512; Aug. 9.
Sterrett, Glenn, Indiana, Pa. Folding towel rack. 2,126,513; Aug. 9.
Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
Stockman, Lester P. (See Boyer, Tanner E., assignor.)
Stockmeyer, Friedrich W. (See Fiedler, K., Hegwein, Merten, and Stockmeyer.)
Stockton Box Company. (See Goff, H. J., and Setzer, assignors.)
Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
Stone, Herman J., Brockton, Mass. Self-locking nail. 2,126,585; Aug. 9.
Storck, Frederick W., Arlington, and C. V. Franson, Dorchester, assignors to Standard Mailing Machines Company, Everett, Mass. Sheet separating and feeding device. 2,126,514; Aug. 9.
Stout, Walter L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,126,674; Aug. 9.
Stout, Walter L., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,126,675; Aug. 9.
Stratford, Charles W., Paris, France, assignor to Stratford Development Corporation, Kansas City, Mo. Heating and fractionating hydrocarbon oils. 2,126,420; Aug. 9.
Stratford Development Corporation. (See Stratford, Charles W., assignor.)
Streander, Philip B., Maplewood, N. J., assignor to Municipal Sanitary Service Corporation, New York, N. Y. Activated sludge purification of sewage and other liquids. 2,126,228; Aug. 9.
Strouse, George C. (See Johnson, A. J., and Strouse.)
Stryker, Albert R., Marlemont, Ohio, assignor of one-half to C. Tietig, Covington, Ky. Making gas. 2,126,150; Aug. 9.
Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Venetian blind cord and chain connecter. 2,126,586; Aug. 9.
Stukart, Hendrik, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,126,421; Aug. 9.
Sturm, John A., Chicago, Ill. Cooking device. 2,125,965; Aug. 9.
Stutson, Alverd C., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Flocculation. 2,126,151; Aug. 9.
Suits, Chauncey G., Schenectady, N. Y. Ski. 2,126,152; Aug. 9.
Sullivan, Howard C., Cottage City, Md., and A. A. Wotier, Washington, D. C. Dispensing apparatus. 2,126,354; Aug. 9.
Sulzer Freres, Societe Anonyme. (See Waiti, Heinrich, assignor.)
Superlux Corporation, The. (See Matera, Charles C., assignor.)
Swanson, Edwin. (See Overguard, Christian A., assignor.)
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,229; Aug. 9.
Sweatt, James E., Memphis, Tenn. Oil burner. 2,125,966; Aug. 9.
Swensen, Emil F., Manitowoc, Wis., assignor to Paragon Electric Company, Chicago, Ill. Demountable time switch. 2,126,515; Aug. 9.
Swenson, Axel W., assignor to Deere & Company, Moline, Ill. Stalk lifter. 2,126,153; Aug. 9.
Swezey, Burdette S. (See Cerwin, T. L., Swezey, and Watson.)
Szász, Géza, Berlin-Reinickendorf-Ost, Germany. Photographic process. 2,126,516; Aug. 9.
Szwarguiski, Alexander N., assignor to Papendick, Inc., St. Louis, Mo. Slicing machine. 2,126,057; Aug. 9.
Tanning Process Company, The. (See Merritt, Matthew M., assignor.)
Tarrant, John G., New York, N. Y. Attachment for smoking devices. 2,126,422; Aug. 9.
Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Mineral concentration. 2,126,292; Aug. 9.
Tawyer, James, Lisarow, Australia. Device for testing spark plugs and ignition circuits. 2,126,154; Aug. 9.
Taylor, Charles H. (See Whitaker, U. A., White, and Taylor.)
Taylor, Edward W., and C. Peterson, assignors to S. G. Taylor Chain Co., Hammond, Ind. Making chain links. 2,125,967; Aug. 9.
Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Method of and apparatus for setting cutting stones. 2,126,058; Aug. 9.
Taylor, S. G., Chain Co. (See Taylor, E. W., and Peterson, assignors.)
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,126,423; Aug. 9.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,126,424; Aug. 9.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, H., and Runge, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prochnow, Rudolf, assignor.)
Teletype Corporation. (See Kleinschmidt, Edward F., assignor.)
Tenney, Alvan H. (See Clapsadle, L. J., and Tenney.)
Theimer, Ernst T., East Orange, N. J. Manufacture of aromatic alcohols. 2,125,968; Aug. 9.
Thew Shovel Company, The. (See Zellman, Roy H., assignor.)
Thomas, Frank S., Harlem Springs, Ohio. Siding. 2,126,676; Aug. 9.
Thomas, Rosswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Indicating device for fuel feeding systems. 2,126,355; Aug. 9.
Thompson, Albert R., Los Gatos, Calif., and C. E. Kerr, Hoopeston, Ill., assignors to Food Machinery Corporation, San Jose, Calif. Feeder for granular material. 2,126,425; Aug. 9.
Thompson, John A., Summit, N. J. Collapsible awning. 2,126,293; Aug. 9.
Thompson Products, Incorporated. (See Hufferd, George H., assignor.)
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,356; Aug. 9.

Thornbery, John H., and H. A. Mantz, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety valve. 2,126,587; Aug. 9.
Thum, Martin, Rochester, N. Y. Davenport bed. 2,126,588; Aug. 9.
Tietig, Chester. (See Stryker, Albert R., assignor.)
Timken-Detroit Axle Company, The. (See Brownyer, N. R., and Buckendale, assignors.)
Timken Roller Bearing Company, The. (See Buckwalter, T. V., and Hektner, assignors.)
Timmermann, August, New York, N. Y. Variable speed gear. 2,126,294; Aug. 9.
Tinnerman, Albert H. (See Lombard, Herman G., assignor.)
Todd, Garry W., Charlotte, N. C. Tractor hitch. 2,126,357; Aug. 9.
Townsend, Everett E. (See Townsend, Henry W. and E. E.)
Townsend, Henry W. and E. E., Fort Stockton, Tex. Sheep vaccinator. 2,126,358; Aug. 9.
Traube, Abraham, Brooklyn, N. Y. Drying apparatus. 2,126,426; Aug. 9.
Traver, William A. (See Little, R., Traver, Wood, and Fraim.)
Trees, Joseph C., et al. (See Rose, James R., assignor.)
Trico Products Corporation. (See Horton, Erwin C., assignor.)
Trojan Powder Company. (See Wyler, Joseph A., assignor.)
Troxell, Edgar R., Jr., Bronxville, assignor of one-half to R. P. Clarkson, New Rochelle, N. Y. Distributing means. 2,126,230; Aug. 9.
Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Ultrahigh frequency oscillator. 2,125,969; Aug. 9.
Turner, Edward T., Dayton, Ohio. Automobile. 2,126,589; Aug. 9.
Turner, Maurice C., Dallas, Tex. Car mirror. 2,126,059; Aug. 9.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multishuttle shuttle changing loom. 2,126,060; Aug. 9.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multishuttle shuttle changer loom. 2,126,061; Aug. 9.
Turnquist, Henry L., Fairfield, and F. A. Heilman, Bridgeport, assignors to The Grant Manufacturing and Machine Company, Bridgeport, Conn. Roll holder for rivet spinning machines. 2,126,427; Aug. 9.
Turpan, James, Paterson, N. J. Tailor's measuring device. 2,126,517; Aug. 9.
Tveden, Syver O., Chicago, Ill. Door fastener. 2,126,428; Aug. 9.
Twyman, Frank, and L. J. Spencer, assignors to Adam Hilger Limited, London, England. Determination of quantitative characteristics of radiation. 2,126,429; Aug. 9.
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
Underwood Elliott Fisher Co. (See Foothorap, Harry A., assignor.)
Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
Underwood Elliott Fisher Company. (See Smith, James A., assignor.)
Underwood Elliott Fisher Company. (See Thompson, Russell C., assignor.)
Underwood Elliott Fisher Company. (See Wise, Elmer L., assignor.)
Unger, Theodor B., Fredrikesstad, Norway. Treating ships' tanks and other large containers to protect their interior surfaces against corrosion. 2,126,430; Aug. 9.
Union Carbide and Carbon Corporation. (See Clapsadle, L. J., and Tenney, assignors.)
Union Carbide and Carbon Corporation. (See Duggan, Fred W., assignor.)
Union Carbide and Carbon Corporation. (See Halbing, John M., assignor.)
Union Carbide and Carbon Corporation. (Eee Hutchison, F. C., and Jacobsson, assignors.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
Union Switch & Signal Company, The. (See Stout, Walter L., assignor.)
United-Carr Fastener Corporation. (See Woodward, Clement A., assignor.)
United Laundry Machinery Corporation. (See Reinitz, George J., assignor.)
United Shoe Machinery Corporation. (See Brothers, Eli, assignor.)
United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)
United Shoe Machinery Corporation. (See Ricks, F., and Mawbey, assignors.)
United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
United Shoe Machinery Corporation. (See Sherman, Fred E., assignor.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
United Shoe Machinery Corporation. (See Woodcock, R. B., and Potter, assignors.)
U. S. Bottlers Machinery Company. (See Risser, Ivan H., assignor.)
United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
United States Metallic Packing Company, The. (See Light, R. A., and Price, assignors.)
United States Rubber Products, Inc. (See McGavack, John, assignor.)
United States Rubber Products, Inc. (See Messer, William E., assignor.)
United States Rubber Products, Inc. (See Moran, Taylor M., assignor.)
United States Rubber Products, Inc. (See Ogilby, Stewart R., assignor.)
United States Rubber Products, Inc. (See Pickett, Francis N., assignor.)
U. S. Slicing Machine Company. (See Debus, Sander, assignor.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
U. S. Slicing Machine Company. (See Stukart, Hendrik, assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
Urschel, Joe R. (See Urschel, William E. and J. R.)
Urschel, William E. and J. R., Valparaiso, Ind. Vegetable shredder and slicer. 2,126,361; Aug. 9.
Valentine, Jerome, Cleveland Heights, assignor to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,126,590; Aug. 9.
Valery, Gilbert and W., New Rochelle, N. Y. Brake mechanism for trailers. 2,126,062; Aug. 9.
Valery, William. (See Valery, Gilbert and W.)
Van der Mark, Jan. (See Busse, E., van der Mark, and Venis.)
Vandette, Romeo X. (See Haliburton, W. M., and Vandette.)
Van Dine, Helmar E. (See Van Dine, James P. and H. E.)
Van Dine, James P. and H. E., Cambridge, Mass. Permutation lock. 2,126,063; Aug. 9.
Van Dyck, Alexandre, Brussels, Belgium. Incandescent electric lamp. 2,126,155; Aug. 9.
Van Rosen, Hugo. (See Lapp, G. W., and Van Rosen.)
Van Roosen, Hugo. (See Lapp, G. W., and Van Rosen.)
Van Tassel, Earl K. (See Black, H. S., and Van Tassel.)
Venis, Adolph. (See Busse, E., van der Mark and Venis.)
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,126,231; Aug. 9.
Vickers-Armstrongs Limited. (See Parker, Lionel D., assignor.)
Vodinelich, Anton, South St. Paul, Minn. Cover for cooking utensils. 2,126,518; Aug. 9.
Vogel, Julius, Chicago, Ill. Forming intersections for joining structural members. 2,126,519; Aug. 9.
Vogt, Arthur H., Aurora, Ill. Toy parachute. 2,126,156; Aug. 9.
Vogt, Clarence, Wenonah, N. J. Roller skate. 2,126,359; Aug. 9.
Vollmann, Heinrich, Frankfort-on-the-Main, and H. Becker, Hofheim-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polycyclic compounds from chrysene and preparing them. 2,126,360; Aug. 9.
Von Opel, Fritz, Berlin-Charlottenburg, Germany. Automatically operated traffic control system. 2,126,431; Aug. 9.
Von Opel, Fritz, Berlin-Charlottenburg, Germany. Automatic traffic control system. 2,126,432; Aug. 9.
Von Thüngen, Hubert F., Friedrichshafen, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Measuring system for determining the efficiency of rotary motion transmitting devices by comparing torques. 2,126,157; Aug. 9.
Von Voigtlander, Frederick, assignor to Schwarze Electric Company, Adrian, Mich. Chime signal. 2,126,433; Aug. 9.
Vosbury, Kenneth S., Binghamton, N. Y. Glove testing device. 2,126,434; Aug. 9.
Vose, Lewis S., Needham, assignor, by mesne assignments, to Crompton & Knowles Loom Works, Worcester, Mass. Automatic change-box loom. 2,126,064; Aug. 9.
Vose, Lewis S., Needham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multicolor shuttle changing loom. 2,126,065; Aug. 9.
Voss, Arthur, Frankfort-on-the-Main-Hochst, and H. Janz, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Diaryl methane water-soluble condensation products. 2,126,232; Aug. 9.
Voss, Mildred, Houston, Tex. Attachment between brassière and girdle. 2,126,591; Aug. 9.
Wagner Electric Corporation. (See Waters, Granville A., assignor.)
Wakeman, Louis K., Leonia, N. J., assignor to International Patents Development Company, Wilmington, Del. Adhesive for labels and making same. 2,126,520; Aug. 9.

Wakenhut, Alfred, Seelze, near Hanover, assignor to J. D. Riedel-E. de Haën A.-G., Berlin-Britz, Germany. Luminescent composition and making the same. 2,126,233; Aug. 9.

Waldman, Herman C., St. Louis, Mo. Interlocking door and elevator mechanism. 2,126,066; Aug. 9.

Walker, James D., Butler, Pa. Dumping buggy. 2,126,592; Aug. 9.

Walsh, William J., Creston, Iowa. Animal holding chute. 2,126,593; Aug. 9.

Walter, Hans, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Rectifier. 2,126,067; Aug. 9.

Walti, Heinrich, Winterthur-Wulflingen, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Fuel pump for reversible combustion engines. 2,126,068; Aug. 9.

Walworth Patents Inc. (See McCarthy, Harry, assignor.)

Wanske, Kurt, Berlin-Lichtenrade, assignor to Norddeutsche Kabelwerke Aktiengesellschaft, Berlin-Neukolln, Germany. Electric cable. 2,126,069; Aug. 9.

Wappler, Frederick C., New York, N. Y. Electrotherapy. 2,126,070; Aug. 9.

Warren, William H., assignor to Western Electric Company, Incorporated, New York, N. Y. Antenna system. 2,126,295; Aug. 9.

Waters, Granville A., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Making squirrel cage rotors. 2,125,970; Aug. 9.

Watson, Edward F. (See Corwin, T. L., Swezey and Watson.)

Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Making refrigerator valves. 2,126,594; Aug. 9.

Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)

Weber, Herman, assignor to Shakespeare Products Company, Kalamazoo, Mich. Remote control device. 2,126,234; Aug. 9.

Weber, Theodore R. (See Flodin, N. E., and Weber.)

Wecoline Products, Inc. (See Barsky, George, assignor.)

Weiertz, Axel H. and P. A. R., Svedala, Sweden. Auxiliary air controller for internal combustion engines. 2,126,071; Aug. 9.

Weiertz, Per A. R. (See Weiertz, Axel H., and P. A. R.)

Weihe, Hermann K., Berlin, Germany. Hydraulic brake. 2,126,296; Aug. 9.

Weiher, George F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,126,158; Aug. 9.

Weinlich, Hermann, and U. Kölm, Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled tabulator type. 2,126,595; Aug. 9.

Weis, John P., assignor to Metropolitan Sewing Machine Corp, Nyack, N. Y. Sewing machine. 2,126,521; Aug. 9.

Weisenburg, Andrew, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Making cork sheet material. 2,126,435; Aug. 9.

Weiser, Hanley H. (See Deitz, L. S., Jr., and Weiser.)

Weissenburg, Frederick O., et al. (See McCallum, Claud E., assignor.)

Werner, Edward. (See Palley, J. L., and Werner.)

Wesley, Joseph F., assignor to Bundy Tubing Company, Detroit, Mich. Apparatus for tube bending. 2,126,235; Aug. 9.

Westerlund, Paul H., assignor to Deere & Company, Moline, Ill. Ensilage harvester. 2,126,072; Aug. 9.

Western Electric Company. (See Ford, Ben K., assignor.)

Western Electric Company. (See Seeley, George A., assignor.)

Western Electric Company. (See Warren, William H., assignor.)

Westin, Charles J., Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Separator. 2,126,236; Aug. 9.

Westinghouse Electric and Manufacturing Company. (See Driggs, F. H., and Highriter, assignors.)

Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)

Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)

Wharton, George C., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Hollow back shovel. 2,126,692; Aug. 9.

Wheeling Steel Corporation. (See Cook, N. E., Knopf and Diehl, assignors.)

Whitaker, Uncas A., and H. B. White, Canton, and C. H. Taylor, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,126,362; Aug. 9.

White, Addison H., East Orange, and W. A. Yager, Livingston, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dielectric material. 2,126,363; Aug. 9.

White, Harry B. (See Whitaker, U. A., White and Taylor.)

White, Jesse M., Philadelphia, Pa. Brake. 2,125,971; Aug. 9.

White, John J. (See Harvey, J. E., Jr., and White, Robert H., Jr., and J. J.)

White, John William, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Making hydraulic cylinders. 2,126,237; Aug. 9.

White, Robert H., Jr. (See Harvey, J. E., Jr., and White, Robert H., Jr., and J. J.)

Whitmore, Clarence E. (See Jett, Bernard R., assignor.)

Whitson, Willis L., Minneapolis, Minn. Control system for electrically operated apparatus. 2,126,238; Aug. 9.

Whittaker, John S., Puchong, Selangor, Federated Malay States. Dredger bucket. 2,126,522; Aug. 9.

Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,126,159; Aug. 9.

Williams, Ada P., Oakland, Calif. Clothesline sheath. 2,126,073; Aug. 9.

Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Acoustical apparatus. 2,126,436; Aug. 9.

Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Apparatus for generating electrical waves. 2,126,437; Aug. 9.

Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric apparatus. 2,126,438; Aug. 9.

Williams Sealing Corporation. (See McQuinn, Carl, assignor.)

Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Protective system for electric valve circuits. 2,126,523; Aug. 9.

Willson, David S., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Fluid dispensing apparatus. 2,126,693; Aug. 9.

Wilson, Dustin W., Scarsdale, N. Y., S. J. Chute, Ridgewood, N. J., and R. K. Hopkins, assignors to The M. W. Kellogg Co., New York, N. Y. Heat exchanger. 2,125,972; Aug. 9.

Wilson, James T., Arlington, N. J., assignor to Radio Corporation of America. Electron tube. 2,126,694; Aug. 9.

Winchester Repeating Arms Company. (See Lewis, George S., assignor.)

Winchester Repeating Arms Company. (See Roemer, William C., assignor.)

Wingfoot Corporation. (See Clifford, Albert M., assignor.)

Wingfoot Corporation. (See Smith, C. H., Moorhouse, and Hartz, assignors.)

Wingfoot Corporation. (See Scott, Winfield, assignor.)

Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Measuring machine. 2,125,973; Aug. 9.

Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,125,974; Aug. 9.

Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,297; Aug. 9.

Wishon, Ralph, assignor to Decapiteau Glass Containers, Inc., Chicago, Ill. Proprietary container construction. 2,126,160; Aug. 9.

Wissler, William A., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Brazing. 2,126,074; Aug. 9.

Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Collapsible camera. 2,126,300; Aug. 9.

Wittel, Otto, L. R. Martin, and D. H. Smiley, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Clutch connection for motion picture apparatus of the magazine type. 2,126,299; Aug. 9.

Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film splicing apparatus. 2,126,298; Aug. 9.

Witzel, Ernst, assignor to Young Radiator Company, Racine, Wis. Evaporator distributor head. 2,126,364; Aug. 9.

Wolcott, John W., Baltimore, Md. Concrete slab structure. 2,126,301; Aug. 9.

Wolfson, Idee D. (See Berry, J., and Wolfson.)

Wood, John M. (See Little, R., Traver, Wood, and Fraim.)

Wood, John, Manufacturing Company. (See Willson, David S., assignor.)

Wood, Orla L., Schenectady, N. Y., assignor to General Electric Company. Liquid purification apparatus. 2,126,596; Aug. 9.

Wood, Wilfred R., assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,126,524; Aug. 9.

Woodcock, Reginald B., and S. W. Potter, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,125,975; Aug. 9.

Woodward, Clement A., Roslindale, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening strips of material. 2,126,161; Aug. 9.

Wotfer, Arthur A. (See Sullivan, Howard C., assignor.)

Wright, Denis, Elm Vale, Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control system. 2,126,695; Aug. 9.

Wright, Henry C., and H. W. Allen, assignors of one-third to R. A. Fortier, Fresno, Calif. Trigger mechanism. 2,126,076; Aug. 9.

Wright, Jesse C., deceased, Los Angeles, Calif.; M. H. Wright, executrix. Drill collar. 2,126,075; Aug. 9.

Wright, Martha H., executrix. (See Wright, Jesse C.)

Wyler, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Purification of trinitrotoluene. 2,126,162; Aug. 9.

Wyman, Joseph B. (See Retailliau, E. R. P. E., and Wyman.)

Yager, William A. (See White, A. H., and Yager.)

Yale & Towne Manufacturing Co., The. (See Quayle, George, assignor.)

Yale & Towne Manufacturing Company, The. (See Schroeder, Charles S., assignor.)

Yanovsky, Elias. (See Paine, H. S., and Yanovsky.)

Young, Cecil T., San Francisco, Calif., and C. V. Brady, Webster Groves, assignors to Bemis Bro. Bag Co., St. Louis, Mo. Bag holder. 2,126,163; Aug. 9.

Young, D'Arcy A., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter control. 2,126,302; Aug. 9.

Young, Michael J., North Bergen, N. J. Child's vehicle. 2,125,976; Aug. 9.

Young Radiator Company. (See Witzel, Ernst, assignor.)

Youngberg, Walter K., Meriden, Conn. Shoe sole. 2,126,077; Aug. 9.

Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See von Thüngen, Hubert F., assignor.)

Zeh, Walter, Dessau in Anhalt, A. Sieglitz, Frankfort-on-the-Main-Sindlingen, and M. Dabelow, Frankfort-on-the-Main-Hochst, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing photographic emulsion. 2,126,078; Aug. 9.

Zellman, Roy H., assignor to The Thew Shovel Company, Lorain, Ohio. Semitrailer crane. 2,126,597; Aug. 9.

Zeiss, Carl. (See Merté, Willy, assignor.)

Zeiss Ikon Aktiengesellschaft. (See Frötschner, Hellmuth, assignor.)

Zerbee, Louis J., Bellefontaine, Ohio. Spring assembly. 2,126,439; Aug. 9.

Zublin, John A., Los Angeles, Calif. Rolling disk bit. 2,126,079; Aug. 9.

Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Ultrahigh frequency radio system. 2,125,977; Aug. 9.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 9TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Circuit, Photoelectric cell. W. N. Goodwin, Jr. Re. 20,823; Aug. 9.
Freewheeling mechanism of motor cars. K. Maybach. Re. 20,824; Aug. 9.
Gramophone, Automatic. S. P. Arvidius. Re. 20,819; Aug. 9.
Oils, Dewaxing. E. W. Gard. Re. 20,822; Aug. 9.
Protective system. G. Darrieus. Re. 20,820; Aug. 9.
Sounds electrically, Producing musical. G. Smiley. Re. 20,825; Aug. 9.
Synchronizing system. H. J. J. M. de R. de Bellescize. Re. 20,821; Aug. 9.

LIST OF DESIGN INVENTIONS

Arm rest, Vehicle. A. P. Fall. 110,805; Aug. 9.
Billfold. S. Smallman. 110,839; Aug. 9.
Bottle. G. Wilmet. 110,830; Aug. 9.
Bottle and stopper therefor, Combined. F. E. Ansell. 110,790; Aug. 9.
Bottle or the like, Perfume. V. Bobri. 110,793; Aug. 9.
Bracelet or the like, Watch. L. R. E. Pitman and L. P. Keeler. 110,820; Aug. 9.
Bracket for a shelf or similar article, Supporting. A. S. Dunn. 110,804; Aug. 9.
Buckle-locket, Suspender. C. Buchsbaum. 110,843; Aug. 9.
Cabinet, Fruit and vegetable conditioner. F. R. West. 110,842; Aug. 9.
Cap, Receptacle closure. C. McQuinn. 110,817; Aug. 9.
Case, Piano. W. M. Day. 110,802; Aug. 9.
Chair or similar article. A. Armour. 110,791; Aug. 9.
Coat. J. Schumer. 110,836–8; Aug. 9.
Coat and cape, Combined. R. W. Hill. 110,848; Aug. 9.
Coffeepot. F. Spina. 110,827; Aug. 9.
Compact and cigarette case, Combination. F. N. Lewis. 110,814; Aug. 9.
Container, Rouge. F. N. Lewis. 110,813; Aug. 9.
Doughnut forming apparatus. R. F. Petzelt. 110,849; Aug. 9.
Dress. A. Engel. 110,844; Aug. 9.
Dress. M. Michelson. 110,835; Aug. 9.
Dress. A. Wexler. 110,829; Aug. 9.
Duplicator. A. V. Ditty. 110,803; Aug. 9.
Fabric, Metallic studded smocked textile. J. Picirilli. 110,854; Aug. 9.
Fabric or similar article, Textile. A. Hefner. 110,846–7; Aug. 9.
Fabric, Textile. C. C. Half. 110,809; Aug. 9.
Fabric, Textile. E. M. Swanson. 110,853; Aug. 9.
Frame for a tantalus set. A. Cravaritis. 110,795; Aug. 9.
Glove. I. Steinberger. 110,840; Aug. 9.
Grill, Bacon. R. G. Fishel. 110,806; Aug. 9.
Handbag and doll holder, Combination. L. Schumacher. 110,822; Aug. 9.
Hat. W. Getman and M. Meisels. 110,834; Aug. 9.
Heater. C. F. Gatons, L. J. Hausser, and H. H. Heidbreder. 110,808; Aug. 9.
Heater, Automobile. R. Loewy. 110,815; Aug. 9.
Heel. E. Borman. 110,794; Aug. 9.
Jacket, Fur. S. Etkin. 110,845; Aug. 9.
Lamp. W. C. Crimmins. 110,832; Aug. 9.
Lamp and horn, Combined. W. C. Crimmins. 110,831; Aug. 9.
Light and cover plate for electric razors, Combined. J. M. Schumann. 110,823; Aug. 9.
Nozzle, Manual control dispensing. J. H. Tobler. 110,841; Aug. 9.
Ornament, Ship. A. Solomon and E. Volynkine. 110,825–6; Aug. 9.
Pencil or the like. D. Kahn. 110,810; Aug. 9.
Plyer. S. A. Crosby. 110,801; Aug. 9.
Razor, Electric. G. F. Bahr. 110,792; Aug. 9.
Shoe. J. S. Kent, Jr. 110,811; Aug. 9.
Shoe. H. Odencrants. 110,818; Aug. 9.
Shoe. D. F. Quigley. 110,821; Aug. 9.
Shoe. R. F. Rossi. 110,850; Aug. 9.
Shoe. B. Solnit. 110,824; Aug. 9.
Spoon or analogous article. A. J. Flauder. 110,807; Aug. 9.
Spoon or similar article. F. S. Trumbull. 110,828; Aug. 9.
Stair tread. L. J. Knapp. 110,812; Aug. 9.
Stand for dial telephones, Electric lamp. L. Ludwig. 110,816; Aug. 9.
Stand, Smoking. J. A. Phillips. 110,819; Aug. 9.
Stapling machine. S. A. Crosby. 110,796–800; Aug. 9.
Sweater ensemble. M. Simon. 110,852; Aug. 9.
Tire. I. J. Fain. 110,833; Aug. 9.
Type font, Printing. F. H. E. Schneidler. 110,851; Aug. 9.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 9TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accelerator of vulcanization. W. Scott. 2,126,670; Aug. 9.
Accounting machine. C. Campbell. 2,126,615; Aug. 9.
Acetic acid, Purification and decolorization of. E. C. Britton. 2,126,611; Aug. 9.
Acoustic device. R. N. Marshall. 2,126,566; Aug. 9.
Acoustical apparatus. A. L. W. Williams. 2,126,436; Aug. 9.
Adhesive for labels and making same. L. K. Wakeman. 2,126,520; Aug. 9.
Adhesive strip dispenser. T. R. Gautier. 2,126,680; Aug. 9.
Advertising device, Outdoor. C. Doering. 2,125,994; Aug. 9.
Advertising display apparatus. C. E. McCallum. 2,126,567; Aug. 9.
Air conditioning. W. G. Laird. 2,126,266; Aug. 9.
Air conditioning system. F. B. Filio. 2,126,182; Aug. 9.
Air controller for internal combustion engines, Auxiliary. A. H. and P. A. R. Welertz. 2,126,071; Aug. 9.
Aircraft construction. H. A. Berliner. 2,125,882; Aug. 9.
Airfoil. F. A. Redlinger. 2,126,502; Aug. 9.
Airship. A. Goetz. 2,126,188; Aug. 9.
Alcohols, Manufacture of aromatic. E. T. Theimer. 2,125,968; Aug. 9.
Alloy: *See*—
Magnesium alloy.
Alloy and manufactures. V. N. Krivobok. 2,125,929; Aug. 9.
Alloys, Copper-silver. F. R. Hensel and E. I. Larsen. 2,126,633; Aug. 9.
Aluminum bronze powder. F. C. Arthur and J. B. Barnitt. 2,125,870; Aug. 9.
Amide derivatives of isoxazole carboxylic acids. M. Hoffer. 2,126,329; Aug. 9.
Amino-chlorodiphenyl derivatives. M. Harris. 2,126,009; Aug. 9.
Amusement device. J. E. Bailey. 2,126,082; Aug. 9.
Analyzer. H. Frötschner. 2,125,908; Aug. 9.
Anchor, Link-mat. A. Boedeker. 2,126,307; Aug. 9.
Anesthetic. F. E. Guntrip. 2,126,463; Aug. 9.
Antenna. P. S. Carter. 2,126,531; Aug. 9.
Antenna support. H. O. Peterson. 2,126,030; Aug. 9.
Antenna system. W. H. Warren. 2,126,295; Aug. 9.
Antifreeze liquid, Noncorrosive. L. J. Clapsadle and A. H. Tenney. 2,126,173; Aug. 9.
Apparatus for altering the position of fishway portals. G. W. Shoemaker. 2,125,962; Aug. 9.
Apparatus for sterilizing grapefruit juice. L. E. Holloway. 2,126,552; Aug. 9.
Armchair, Reclining. A. Ducrot. 2,126,098; Aug. 9.
Article, Composite cementitious. D. S. Hubbell. 2,126,191; Aug. 9.
Article, Metallic. L. S. Deitz, Jr., and H. H. Weiser. 2,126,246; Aug. 9.
Article of manufacture and producing the same. F. H. Driggs and H. W. Highriter. 2,125,896; Aug. 9.
Article, Resin bonded. R. S. Daniels. 2,125,893; Aug. 9.
Articles with derivatives of cellulose, Covering. B. Andersen. 2,125,874; Aug. 9.
Attachment between brassière and girdle. M. Voss. 2,126,591; Aug. 9.
Attachment for alimentary forming machines. A. I. Schlichter. 2,126,416; Aug. 9.
Attachment for smoking devices. J. G. Tarrant. 2,126,422; Aug. 9.
Attachment for toe softening apparatus. J. B. Piotrowski. 2,126,345; Aug. 9.
Automatic lubricator. R. A. Light and J. W. Price, Jr. 2,126,198; Aug. 9.
Automobile. E. T. Turner. 2,126,589; Aug. 9.
Automobile seat. L. Humphrey. 2,126,331; Aug. 9.
Awning, Collapsible. J. A. Thompson. 2,126,293; Aug. 9.
Axle construction, Driving. T. V. Buckwalter and J. Hektner. 2,126,612–13; Aug. 9.
Bag. W. J. Miskella. 2,126,203; Aug. 9.
Bag holder. C. T. Young and C. V. Brady. 2,126,163; Aug. 9.
Ball equipped with an outer cover, Making an inflatable. M. Scudder. 2,126,220; Aug. 9.
Ball joint. G. H. Hufferd. 2,126,389; Aug. 9.
Basket cover fastener. A. H. Schmidtke. 2,126,582; Aug. 9.
Battery lifting device. V. S. Beery. 2,126,605; Aug. 9.
Bearing: *See*—
Plain bearing.
Slipper bearing.
Bearing. J. Schembri. 2,126,046; Aug. 9.
Bearing for connecting rods and the like, Self-aligning. H. A. Hoke and H. A. Brenaman. 2,126,388; Aug. 9.
Bed, Couch. J. Martin. 2,125,940; Aug. 9.
Bed, Davenport. M. Thum. 2,126,588; Aug. 9.
Binder material and producing the same, Bituminous. W. S. Smith. 2,126,419; Aug. 9.
Bit: *See*—
Disk bit.
Earth boring bit.
Blanks from hot rolled wire stock, Apparatus for forming. W. W. Criley and F. W. Gaines. 2,126,453; Aug. 9.
Block: *See*—
Tile block.
Board construction, Bulletin. C. F. Smith. 2,125,964; Aug. 9.
Boat. A. E. and A. A. Apel. 2,126,304; Aug. 9.
Body and fender straightener. C. A. Arnholm. 2,126,526; Aug. 9.
Boiler: *See*—
Steam boiler.
Waste heat boiler.
Superheater boiler.
Boiler cleaner. C. L. Howse and F. Bowers. 2,126,683; Aug. 9.
Boiler cleaner. F. W. Linaker. 2,126,565; Aug. 9.
Book display box. F. S. Payne and F. W. Broderick. 2,126,407; Aug. 9.
Book support. R. H. Draeger. 2,125,895; Aug. 9.
Bottle filling apparatus. B. A. Lee. 2,126,563; Aug. 9.
Bottle holder. E. V. Johnson. 2,126,639; Aug. 9.
Box: *See*—
Book display box.
Journal box.
Display box.
Outlet box.
Box and lid therefor, Journal. N. E. Flodin and T. R. Weber. 2,126,546; Aug. 9.
Bracing for metallic structures, Diagonal. E. L. Soulé. 2,126,511; Aug. 9.
Brake: *See*—
Hydraulic brake.
Brake. J. M. White. 2,125,971; Aug. 9.
Brake and accelerator, Combined foot. N. I. Perry. 2,125,952; Aug. 9.
Brake-drag measuring machine. F. B. Frisbie. 2,126,459; Aug. 9.
Brake lever. C. R. Duncan. 2,126,371; Aug. 9.
Brake lever, Hand. H. S. Jandus. 2,126,016; Aug. 9.
Brake lever, Hand. H. S. Jandus. 2,126,393; Aug. 9.
Brake mechanism. F. L. Main. 2,126,485; Aug. 9.
Brake mechanism. F. L. Main. 2,126,685; Aug. 9.
Brake mechanism for trailers. G. and W. Valery. 2,126,062; Aug. 9.
Brake system for automotive vehicles, Air. R. D. Provinson. 2,126,661; Aug. 9.
Braun tube. K. Schlesinger. 2,126,286; Aug. 9.
Brazing. W. A. Wissler. 2,126,074; Aug. 9.
Bread slicing machines, Drive for reciprocating. S. Debus. 2,126,369; Aug. 9.
Brick for building purposes, Cavity. F. H. Hedinger. 2,126,011; Aug. 9.
Broaching machine. W. A. Hart. 2,126,110; Aug. 9.
Bucket, Dredger. J. S. Whittaker. 2,126,522; Aug. 9.
Bucket, Excavating. F. S. McCutcheon. 2,126,124; Aug. 9.
Buggy, Dumping. J. D. Walker. 2,126,592; Aug. 9.
Building composition, Nail holding. C. F. Davis. 2,126,622; Aug. 9.
Burner: *See*—
Fuel burner.
Oil burner.
Burner control system, Fuel. E. D. Lilja. 2,126,199; Aug. 9.
Burner installation for boilers. R. A. Sharp. 2,126,417; Aug. 9.
Cabinet. W. I. Chase. 2,126,617; Aug. 9.
Cabinet and the like. J. L. Palley and E. Werner. 2,126,134–5; Aug. 9.
Cable: *See*—
Electric cable.
Electrical cable.
Cable bonding means. F. G. Gardner. 2,126,002; Aug. 9.
Cable reel. F. Cartlidge. 2,126,172; Aug. 9.
Calculating and recording machine, Combined. H. A. Foothorap. 2,126,320; Aug. 9.
Cam for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,126,646; Aug. 9.
Camera, Collapsible. O. Wittel. 2,126,300; Aug. 9.
Camera, Roll holding. H. H. Harmon and N. B. Green. 2,126,324; Aug. 9.
Camera, Spring front. C. W. Crumrine. 2,126,312; Aug. 9.
Car construction, Sleeping. E. J. W. Ragsdale. 2,126,690; Aug. 9.
Carbureting device. G. R. Ericson. 2,125,899; Aug. 9.

Carburetor. J. A. Paasche. 2,126,132; Aug. 9.
Carrier: *See*—
Yarn carrier.
Carton, Dispensing and display. M. Goldberg. 2,126,106; Aug. 9.
Case: *See*—
Display case.
Casing cleaning and fatting machine. W. V. Rushlau and V. M. Michaels. 2,126,506; Aug. 9.
Casing-stripping machine. G. Pardekooper. 2,125,950; Aug. 9.
Catalyst. J. R. Rose. 2,126,284; Aug. 9.
Catalyst and making the same. J. R. Rose. 2,126,282; Aug. 9.
Catapult. W. M. Fellers and F. B. Gross. 2,125,904; Aug. 9.
Catch, Safety. E. Morehouse. 2,126,571; Aug. 9.
Cellulose and products thereof, Manufacture of mixed aliphato-nitro. E. Berl. 2,125,880; Aug. 9.
Cellulose derivative composition. R. A. Jacobson. 2,126,113; Aug. 9.
Cellulose esters, Stabilizing of. C. J. Malm. 2,126,487; Aug. 9.
Cellulose, Manufacture of soluble. L. O. Rolleston. 2,126,044; Aug. 9.
Chain: *See*—
Conveyer chain.
Chain links, Making. E. W. Taylor and C. Peterson. 2,125,967; Aug. 9.
Chair. W. H. Bond, Jr. 2,125,985; Aug. 9.
Chair. D. H. Hayden. 2,125,920; Aug. 9.
Change-box loom, Automatic. L. S. Vose. 2,126,064; Aug. 9.
Character aligning sheet. H. Landsiedel. 2,126,480; Aug. 9.
Cheese, Processing. E. Freidel. 2,126,679; Aug. 9.
Child's vehicle. M. J. Young. 2,125,976; Aug. 9.
Chime signal. F. Von Voigtlander. 2,126,433; Aug. 9.
Chute, Animal holding. W. J. Walsh. 2,126,593; Aug. 9.
Ciphering machine. R. W. Doidge. 2,125,995; Aug. 9.
Circuit breaker. R. N. Rowe. 2,126,412; Aug. 9.
Clamp: *See*—
Form clamp.
Clamp. S. R. Butler. 2,126,308; Aug. 9.
Clasp for goggles. C. Fischer. 2,126,379; Aug. 9.
Clasp for wrist watch bracelets and the like, Self-adjusting. C. H. Kesteniman. 2,126,263; Aug. 9.
Cleaner: *See*—
Boiler cleaner. Suction cleaner.
Rake tooth cleaner. Windshield cleaner.
Rug cleaner.
Cleaner and silencer assembly, Air. H. G. Kamrath. 2,126,643; Aug. 9.
Cleaning device, Windshield. E. J. Eaddy. 2,126,624; Aug. 9.
Clock, Calendar. W. W. Huston. 2,126,469; Aug. 9.
Closable container. O. Kasdorf. 2,126,116; Aug. 9.
Closure means, Dispensing. J. Berry and I. D. Wolfson. 2,126,087; Aug. 9.
Clutch. C. B. Spase. 2,126,149; Aug. 9.
Clutch connection for motion picture apparatus of the magazine type. O. Wittel, L. R. Martin, and D. H. Smiley. 2,126,299; Aug. 9.
Clutch mechanism, Automatic. R. P. Lewis. 2,126,120; Aug. 9.
Coffeepot. J. W. Small. 2,126,584; Aug. 9.
Comb. H. J. Schelhammer. 2,126,214; Aug. 9.
Combination tool. T. F. McGoldrick. 2,126,023; Aug. 9.
Compact, Desk. S. Roy, Jr. 2,126,580; Aug. 9.
Composition for waterproofing wood. J. McArthur. 2,126,123; Aug. 9.
Compositions and process. H. A. Bruson. 2,125,885; Aug. 9.
Compressor, Air. W. P. Eppers. 2,126,247; Aug. 9.
Compressor, Air. S. B. Redfield and H. S. Lenhart. 2,126,279; Aug. 9.
Compressor, Air. S. B. Redfield. 2,126,280; Aug. 9.
Concrete building material. R. S. Cade. 2,126,309; Aug. 9.
Concrete slab structure. J. W. Wolcott. 2,126,301; Aug. 9.
Condenser: *See*—
Electrical condenser.
Conduit for refrigerant systems. M. A. Martin. 2,126,687; Aug. 9.
Connecters, Making electrical. H. J. L. Frank and J. A. Messing. 2,126,183; Aug. 9.
Container: *See*—
Closable container. Liquid container.
Knock-down container.
Container. C. G. Hilgenberg. 2,126,465; Aug. 9.
Container. I. L. Wilcox. 2,126,159; Aug. 9.
Container and separator, Combined milk and cream. J. B. Neal. 2,126,655; Aug. 9.
Container construction, Proprietary. R. Wishon. 2,126,160; Aug. 9.
Container core barrel. G. A. Humason and W. J. Clay. 2,126,684; Aug. 9.
Container for journal boxes, Lubricant. J. G. Moore. 2,126,129; Aug. 9.
Containers made of paper and similar materials, Manufacture of. O. Kasdorf. 2,126,117; Aug. 9.
Control device for printing machines. C. W. Ginsberg. 2,126,681; Aug. 9.
Control for heating and cooling systems, Thermostatic. A. L. Crump. 2,125,889; Aug. 9.
Control mechanism for automobile transmissions. G. T. Randol. 2,126,033; Aug. 9.
Control system for electrically operated apparatus. W. L. Whitson. 2,126,238; Aug. 9.
Controller for gas-heated apparatus. K. Fiedler, G. Hegwein, O. Merten, and F. W. Stockmeyer. 2,126,378; Aug. 9.
Converter, Vapor electric. J. Slepian. 2,126,291; Aug. 9.
Conveyer apparatus. M. Dykstra. 2,125,898; Aug. 9.
Conveyer, Band. C. E. Bergh. 2,126,240; Aug. 9.
Conveyer chain. F. P. and R. W. Noffsinger. 2,126,274; Aug. 9.
Conveyer, Coal. F. Kalmbach. 2,125,926; Aug. 9.
Conveyer, Locomotive fuel. H. E. Lippert. 2,126,267; Aug. 9.
Cooking device. J. A. Sturm. 2,125,965; Aug. 9.
Copper halides, Preparation of. W. Dettwyler. 2,126,455; Aug. 9.
Copper-silver-beryllium-magnesium alloy. F. R. Hensel and E. I. Larsen. 2,126,386; Aug. 9.
Cord and chain connecter, Venetian blind. W. J. Stuber. 2,126,586; Aug. 9.
Core boxes, Venting. H. L. Demmler. 2,126,097; Aug. 9.
Cork sheet material, Making. A. Weisenburg. 2,126,435; Aug. 9.
Cotter pin, Self-locking. W. M. Rosborough. 2,126,346; Aug. 9.
Coupling: *See*—
Flexible coupling.
Cover: *See*—
Vault cover.
Cover for cooking utensils. A. Vodinelich. 2,126,518; Aug. 9.
Crane, Semitrailer. R. H. Zellman. 2,126,597; Aug. 9.
Crate, Collapsing shipping. J. W. Shaff. 2,126,583; Aug. 9.
Culinary structure. J. R. Burch. 2,125,989; Aug. 9.
Cupboard and table, Combination. F. Hollwager. 2,126,330; Aug. 9.
Curtain, Indoor storm. W. O. Higby. 2,126,328; Aug. 9.
Cutter: *See*—
Food cutter. Reamer cutter.
Glass-tube cutter.
Cutter. H. C. Smith. 2,126,145; Aug. 9.
Cutter and spindle assembly for earth boring drills, Roller. C. E. Reed. 2,126,041; Aug. 9.
Cutter for and method of cutting gears. J. E. Gleason. 2,126,004; Aug. 9.
Cutter for and method of making gears. M. H. Johanson. 2,126,262; Aug. 9.
Cutter for cutting gears. F. E. McMullen and E. T. Slayton. 2,125,943; Aug. 9.
Cutter organization for earth boring drills, Roller. C. E. Reed. 2,126,040; Aug. 9.
Cutter, spindle, and antifriction bearing assembly, Roller. C. E. Reed. 2,126,038; Aug. 9.
Cutter spindle and bearing assembly for earth boring drill, Roller. C. E. Reed. 2,126,034; Aug. 9.
Cutting machine. T. H. Seely. 2,125,959; Aug. 9.
Cylinders, Making hydraulic. J. W. White. 2,126,237; Aug. 9.
Delivery recorder. C. S. Hazard and W. L. Marden. 2,126,256; Aug. 9.
Dental instrument. S. T. Basil. 2,125,980; Aug. 9
Derivatives of cyclohexylamine and uses therefor. L. P. Kyrides. 2,126,560; Aug. 9.
Device for combining regulated quantities of materials. G. C. Schaub. 2,126,414; Aug. 9.
Diaryl methane water-soluble condensation products. A. Voss and H. Janz. 2,126,232; Aug. 9.
Die or tool, Pipe threading. C. A. Overguard. 2,126,343; Aug. 9.
Dielectric material. A. H. White and W. A. Yager. 2,126,363; Aug. 9.
Diesel engine, Two-cycle. C. G. Curtis. 2,126,376; Aug. 9.
Differential control device. F. W. Murray. 2,126,653; Aug. 9.
Discharge device, Electric. D. D. Knowles. 2,126,398; Aug. 9.
Disk bit, Rolling. J. A. Zublin. 2,126,079; Aug. 9.
Dispenser: *See*—
Adhesive strip dispenser. Measuring dispenser.
Liquid dispenser.
Dispensing apparatus. H. C. Sullivan and A. A. Wotier. 2,126,354; Aug. 9.
Display and making the same, Decorative. I. Bartelstone. 2,125,865; Aug. 9.
Display box. W. R. Graham. 2,126,461; Aug. 9.
Display box. J. Shiffman and H. Gross. 2,126,049–50; Aug. 9.
Display case. F. W. and C. L. Holderle. 2,126,111–2; Aug. 9.
Distillation process. K. C. D. Hickman and J. C. Hecker. 2,126,467; Aug. 9.
Distributing means. E. R. Troxell, Jr. 2,126,230; Aug. 9.
Divider for air conduits, Slip. J. J. Holub. 2,126,014; Aug. 9.
Door: *See*—
Sectional door.
Door. J. A. Souza. 2,126,148; Aug. 9.
Door and elevator mechanism, Interlocking. H. C. Waldman. 2,126,066; Aug. 9.

Door closer and check. J. W. Holman. 2,126,258; Aug. 9.
Door fastener. S. O. Tveden. 2,126,428; Aug. 9.
Door for horizontal oven chambers. W. Beimann. 2,126,239; Aug. 9.
Doors, Interlock system for. R. L. Kirk. 2,126,333; Aug. 9.
Drain mechanism, Automatic pump pipe. C. Cravens. 2,126,450; Aug. 9.
Drier. A. O. Samuels. 2,126,581; Aug. 9.
Drill: *See*—
Earth boring drill. Push drill.
Drill collar. J. C. Wright. 2,126,075; Aug. 9.
Drilling head. W. R. Guiberson and A. Pranger. 2,126,007; Aug. 9.
Driver, Diesel pile. P. Pfeiffer. 2,126,409; Aug. 9.
Drying apparatus. A. Traube. 2,126,426; Aug. 9.
Dust separator. G. W. Lapp and H. Van Rosen. 2,126,481; Aug. 9.
Dye, Flaked sulphur. G. Barnhart and H. A. Lubs. 2,125,981; Aug. 9.
Dyestuffs and producing same, Azo. H. Krzikalla and W. Limbacher. 2,126,477; Aug. 9.
Dyestuffs, Azo. K. Holzach and L. Neumann. 2,126,468; Aug. 9.
Dyestuffs, Preparation of naphthophenazine. D. X. Klein and H. R. Lee. 2,126,475; Aug. 9.
Earth boring bit. C. E. Reed. 2,126,035; Aug. 9.
Earth boring drill. C. E. Reed. 2,126,036; Aug. 9.
Earth boring drill. C. E. Reed. 2,126,039; Aug. 9.
Earth material, Apparatus for and method of boring into and treating. L. Ranney. 2,126,576; Aug. 9.
Electric cable. K. Wanske. 2,126,069; Aug. 9.
Electric furnace. P. B. Crocker. 2,126,454; Aug. 9.
Electric lamp, Incandescent. A. Van Dyck. 2,126,155; Aug. 9.
Electric plug. I. L. Means. 2,126,494; Aug. 9.
Electrical cable. G. A. Seeley. 2,126,290; Aug. 9.
Electrical condenser. H. Muth and W. Runge. 2,126,027; Aug. 9.
Electrical conductor. R. W. Atkinson. 2,125,869; Aug. 9.
Electrical measuring instrument. D. C. Bettison and F. H. Keaton. 2,125,983; Aug. 9.
Electrical relay. W. L. Stout. 2,126,674; Aug. 9.
Electrical waves, Apparatus for generating. A. L. W. Williams. 2,126,437; Aug. 9.
Electromedical instrument. F. E. Hird. 2,126,257; Aug. 9.
Electron tube. J. T. Wilson. 2,126,694; Aug. 9.
Electronic tube. K. Schlesinger. 2,126,288; Aug. 9.
Electrotherapy. F. C. Wappler, 2,126,070; Aug. 9.
Emulsifying agent and preparing same. K. T. Steik and S. C. Fulton. 2,126,054; Aug. 9.
Emulsion, Print-out. G. E. Fallesen and B. H. Carroll. 2,126,319; Aug. 9.
Emulsion, Print-out. G. E. Fallesen and C. J. Staud. 2,126,318; Aug. 9.
Emulsions, Breaking. I. M. Colbeth. 2,126,368; Aug. 9.
Engine: *See*—
Diesel engine. Oil engine.
Internal combustion engine. Super-charged engine.
Engine cooling device. J. Schmeller, Sr. 2,125,958; Aug. 9.
Esters and of explosives, Manufacture of nitric acid. O. Matter. 2,125,941; Aug. 9.
Esters, Cellulose. R. Hofmann. 2,126,190; Aug. 9.
Esters containing dicarboxylic acid radicals, Preparation of cellulose. L. B. Genung. 2,126,460; Aug. 9.
Esters, Lowering the viscosity of hydrolized cellulose. C. J. Malm. 2,126,489; Aug. 9.
Esters of cellulose, Increasing the viscosity of organic acid. C. J. Malm. 2,126,488; Aug. 9.
Evaporator distributor head. E. Witzel. 2,126,364; Aug. 9.
Exercise device. J. G. Begley. 2,126,443; Aug. 9.
Explosive. M. F. Lindsley, Jr. 2,126,401; Aug. 9.
Fabric picker-off and feeding machine, Automatic. R. M. Smith and J. G. Gogal. 2,126,147; Aug. 9.
Fan. E. L. Anderson. 2,126,599; Aug. 9.
Fastener: *See*—
Basket cover fastener. Door fastener.
Fastener installation, Slide operated. S. Esserman. 2,126,317; Aug. 9.
Fastening device. H. G. Lombard. 2,126,482; Aug. 9.
Feeder for granular material. A. R. Thompson and C. E. Kerr. 2,126,425; Aug. 9.
Fiber from rubber, Separating. C. H. Smith, R. W. Moorhouse, and J. J. Hartz. 2,126,672; Aug. 9.
File, Multiple unit. L. W. Karlen. 2,126,471; Aug. 9.
Filling apparatus. L. A. Mapes. 2,126,402; Aug. 9.
Film gate construction. A. Nagel. 2,126,341; Aug. 9.
Film splicing apparatus. O. Wittel. 2,126,298; Aug. 9.
Finishing composition and flatting agent for use therein. R. E. Parry. 2,125,951; Aug. 9.
Fire prevention apparatus for motion picture projecting machines. W. M. Haliburton and R. X. Vandette. 2,126,108; Aug. 9.
Firearm, Breakdown. W. C. Roemer. 2,125,956; Aug. 9.
Flexible coupling. E. S. Dennison. 2,126,313; Aug. 9.
Flocculation. A. C. Stutson. 2,126,151; Aug. 9.
Fluid dispensing apparatus. D. S. Willson. 2,126,693; Aug. 9.
Folding machine. K. F. Riese. 2,126,138; Aug. 9.
Folding mechanism for printing machines. H. P. Clauberg. 2,126,537; Aug. 9.
Food cutter. L. M. Ezell. 2,126,100; Aug. 9.
Food preservation and storage. J. N. Lewis. 2,126,197; Aug. 9.
Food products from fish scrap, Preparation of. W. H. Boutilier. 2,126,445; Aug. 9.
Foot and leg covering, overgaiter, and the like. G. Manolis. 2,126,022; Aug. 9.
Foot for artificial limbs, Pneumatic. L. A. Morris. 2,126,654; Aug. 9.
Footer construction. H. S. Claybaugh. 2,126,091; Aug. 9.
Form clamp. G. O. Gaetke. 2,126,251; Aug. 9.
Forming machine. H. A. Berliner. 2,125,881; Aug. 9.
Frame: *See*—
Photograph frame. Trailer body frame.
Framing mechanism. B. J. Kleerup. 2,126,474; Aug. 9.
Fuel burner. W. C. Skinner. 2,125,963; Aug. 9.
Fuel control means. M. E. Chandler. 2,125,886; Aug. 9.
Fuel, Diesel. D. P. Barnard. 2,125,875; Aug. 9.
Fuel injector, Engine. J. W. Dow. 2,126,623; Aug. 9.
Fur, Treating. J. Jacobs. 2,126,261; Aug. 9.
Furnace: *See*—
Electric furnace. Soaking pit and like heating furnace.
Open hearth furnace. Slagging furnace.
Furnace construction and operation, Controlled atmosphere. F. T. Cope. 2,126,534; Aug. 9.
Fuse link expelling means. W. O. Schultz and C. W. Brown. 2,126,216; Aug. 9.
Fuse link throwout device. W. O. Schultz and C. W. Brown. 2,126,215; Aug. 9.
Fuse link throwout device. W. O. Schultz. 2,126,217; Aug. 9.
Fuse, Mechanical time. E. H. Schenk. 2,126,047; Aug. 9.
Galvanometer, String. E. Gerlach. 2,126,252; Aug. 9.
Game and apparatus. J. H. Gross. 2,126,006; Aug. 9.
Game apparatus. M. C. Morrill. 2,126,572; Aug. 9.
Game, Apparatus for playing a ball. F. A. Mitchell and L. J. Simon. 2,126,570; Aug. 9.
Game device. J. A. Fiondella. 2,126,628; Aug. 9.
Game, Disk scaling. W. A. Darby. 2,126,245; Aug. 9.
Garment, Adjustable. B. Mainzer. 2,126,122; Aug. 9.
Garment, Foundation. H. Wipperman. 2,125,974; Aug. 9.
Garment pressing machine. G. H. Rawlinson. 2,126,577; Aug. 9.
Garment protector. E. H. Binns. 2,125,867–8; Aug. 9.
Gas, Making. A. R. Stryker. 2,126,150; Aug. 9.
Gases containing polymerizable substances, Treating. A. Engelhardt. 2,125,997; Aug. 9.
Gasoline, Manufacturing. J. R. Rose. 2,126,281; Aug. 9.
Gasoline or other liquid hydrocarbons, Manufacturing. J. R. Rose. 2,126,283; Aug. 9.
Gasoline, Producing. C. B. Hillhouse. 2,125,921; Aug. 9.
Gauging apparatus. J. E. Padgett. 2,126,495; Aug. 9.
Gear: *See*—
Variable speed gear.
Gear cutting tool, Rotary. R. S. Drummond. 2,126,178; Aug. 9.
Gear shaping machine with swiveled cutter saddle support. E. W. Miller. 2,126,339; Aug. 9.
Gears, Making pump. B. A. Linderman. 2,126,200; Aug. 9.
Gelatin, Dispersion of. G. S. Babcock. 2,126,305; Aug. 9.
Generator testing machine. P. W. Nippert. 2,126,342; Aug. 9.
Gland, Wiper packing. T. E. Boyer. 2,126,366; Aug. 9.
Glare eliminator. D. Elliott. 2,125,996; Aug. 9.
Glass, Apparatus for feeding charges of molten. D. E. Sharp. 2,126,351; Aug. 9.
Glass, Apparatus for producing sheet. W. T. Haight. 2,125,914; Aug. 9.
Glass, Safety. H. K. Nason. 2,126,028; Aug. 9.
Glass sheets, Cutting. J. J. Hopfield. 2,125,922; Aug. 9.
Glass, Structural. F. W. Preston. 2,126,574; Aug. 9.
Glass-tube cutter. W. Auckland. 2,125,864; Aug. 9.
Governing mechanism, Hydraulic. R. J. Caughey. 2,126,533; Aug. 9.
Guide, Painter's. D. G. Puderbaugh. 2,126,501; Aug. 9.
Governor. J. C. McColly. 2,126,202; Aug. 9.
Grass mowing appliance. H. R. Barnard. 2,126,441; Aug. 9.
Grid tube, Suppressor. H. J. McCarthy. 2,126,492; Aug. 9.
Grinding machine, Portable. A. W. Mall. 2,126,336; Aug. 9.
Grinding wheel. T. J. McIntyre. 2,126,403; Aug. 9.
Gun. A. Dabrasky. 2,125,892; Aug. 9.
Hair, Permanent waving of. I. B. Calvete. 2,126,170; Aug. 9.
Hair straightening apparatus. L. Goldberg. 2,126,253; Aug. 9.
Hair treating compound. E. O. Frederics and J. C. Brown. 2,126,375; Aug. 9.
Handgrip, Insulating. A. B. McCall. 2,126,201; Aug. 9.
Hangar. R. B. Respess. 2,126,413; Aug. 9.
Harrow, Disk. M. M. Brodersen. 2,126,446; Aug. 9.
Harvester, Ensilage. P. H. Westerlund. 2,126,072; Aug. 9.

Heat applying apparatus. J. W. Halbing. 2,125,916; Aug. 9.
Heat exchanger. D. W. Wilson, S. J. Chute, and R. K. Hopkins. 2,125,972; Aug. 9.
Heating, Electrical. H. George and G. Delpech. 2,125,912; Aug. 9.
Heel. C. O. Ryberg. 2,126,669; Aug. 9.
Heel, Rubber. C. Lamb. 2,126,561; Aug. 9.
Hides and skins, Tanning of. M. M. Merritt. 2,125,944; Aug. 9.
High frequency oscillating circuit. L. de Forest. 2,126,541; Aug. 9.
Highway, Marking a. C. Blatchford. 2,126,165; Aug. 9.
Hinge, Boltless bracket. J. J. Munson. 2,126,026; Aug. 9.
Hinge construction. J. H. Roethel. 2,126,579; Aug. 9.
Hinge, Door. J. G. Mitchell. 2,126,127; Aug. 9.
Holder: *See*—
Bag holder. Pen and pencil holder.
Bottle holder. Work holder.
Holder for rivet spinning machines, Roll. H. L. Turnquist and F. A. Heilman. 2,126,427; Aug. 9.
Hollow mill. E. R. Koonz. 2,126,476; Aug. 9.
Hood latch. W. S. Saunders. 2,126,141; Aug. 9.
Housing flushing apparatus, Container. C. C. Campus. 2,126,448; Aug. 9.
Hydraulic brake. H. K. Weihe. 2,126,296; Aug. 9.
Hydrocarbons and hydroxy-aromatic carboxylic acids, Production of hydroxy-aromatic. E. C. Britton. 2,126,610; Aug. 9.
Impression making or printing means. M. Bayerdorffer. 2,125,877; Aug. 9.
Indanthrone compounds, Preparation of. W. Dettwyler. 2,126,456; Aug. 9.
Indicating device for fuel feeding systems. R. W Thomas. 2,126,355; Aug. 9.
Indicator: *See*—
Shoe fitting indicator. Vacuum seal indicator.
Indicator for clothes wringers, Pressure. E. S. Cook. 2,125,887; Aug. 9.
Insertable joint. J. R. De Hart. 2,126,542; Aug. 9.
Insulating arrangement for antennas. W. S. Duttera. 2,126,543; Aug. 9.
Interconnecting support. H. Gleitsman. 2,126,630; Aug. 9.
Interlock for fluid dispensing pumps, Resetting. W. H. D. Brouse and C. J. Hume. 2,126,447; Aug. 9.
Intermediates for azo dyes. W. A. Sexton. 2,126,048; Aug. 9.
Internal combustion engine. C. S. Brown. 2,126,089; Aug. 9.
Internal combustion engine. R. D. Cayabyab. 2,126,616; Aug. 9.
Internal combustion engine. P. L'Orange. 2,126,483; Aug. 9.
Internal combustion engine. S. E. Lytle and R. H. Berry. 2,126,649; Aug. 9.
Intersections for jointing structural members, Forming. J. Vogel. 2,126,519; Aug. 9.
Jar. M. S. Black. 2,126,241; Aug. 9.
Joint: *See*—
Insertible joint. Rail joint.
Joint construction for conduits. I. H. Risser. 2,126,505; Aug. 9.
Joint for sheets or pipe, Metal. W. H. Petersen. 2,126,499; Aug. 9.
Joint for use in car wheel and the like, Resilient. N. R. Brownyer and L. R. Buckendale. 2,126,169; Aug. 9.
Journal box. F. K. Murphy. 2,126,205; Aug. 9.
Juice expressing device, Fruit. M. and E. Santamaria. 2,126,045; Aug. 9.
Kaleidoscope. A. W. Scheele. 2,126,415; Aug. 9.
Knife adjustment for mowing machines, Bed. J. A. Roseman. 2,126,139; Aug. 9.
Knife, Paring. J. P. Backer. 2,126,080; Aug. 9.
Knife, Rotary shear. W. W. Macfarren. 2,125,939; Aug. 9.
Knock-down container. L. D. Pierce. 2,126,136; Aug. 9.
Ladder. H. J. Carbis. 2,126,171; Aug. 9.
Laminated spring. H. Reinz. 2,126,042; Aug. 9.
Lamp: *See*—
Electric lamp.
Latch: *See*—
Hood latch.
Latex, Production of. J. McGavack. 2,126,268; Aug. 9.
Lathe, Orbital broaching. W. L. Groene and E. R. Shipley. 2,126,462; Aug. 9.
Leather articles, Finishing. H. Freudenberg and P. Haas. 2,126,321; Aug. 9.
Leveling system for elevators, Automatic. J. H. Bartholomew. 2,125,876; Aug. 9.
Lever construction. H. S. Jandus. 2,126,392; Aug. 9.
Lifter: *See*—
Stalk lifter.
Lighting device. C. C. Matera. 2,126,650; Aug. 9.
Lighting means for vehicles. H. Catron, H. H. Clayton, and R. L. Dashner. 2,125,990; Aug. 9.
Link assembly. R. F. Peo. 2,126,408; Aug. 9.
Liquid, Apparatus for and process of treatment of. H. B. Anderson. 2,126,164; Aug. 9.
Liquid container. B. A. Jackson. 2,126,390; Aug. 9.
Liquid dispenser, Refrigerated. H. C. McCartha. 2,126,491; Aug. 9.
Liquid measuring and dispensing apparatus. J. Fraser. 2,126,103; Aug. 9.
Liquid purification apparatus. O. L. Wood. 2,126,596; Aug. 9.
Load handling machine. G. S. Kelley. 2,126,118; Aug. 9.
Loading device. D. C. Hinds. 2,126,387; Aug. 9.
Lock: *See*—
Nut lock. Permutation lock.
Lock. E. N. Jacobi. 2,126,391; Aug. 9.
Loom: *See*—
Change-box loom. Shuttle changing loom.
Shuttle changer loom. Weaving loom.
Loom filling carrier tip support. H. J. Lanier. 2,126,645; Aug. 9.
Louver construction. R. G. Anderson. 2,126,525; Aug. 9.
Lubricant and method of lubricating metal during forming operations. H. A. Montgomery. 2,126,128; Aug. 9.
Lubricating apparatus. E. W. Davis. 2,126,176; Aug. 9.
Lubricating device and securing same. J. L. Creveling. 2,126,452; Aug. 9.
Lubricating device. H. R. Tear. 2,126,423–4; Aug. 9.
Lubrication system, Centralized. J. L. Creveling. 2,126,451; Aug. 9.
Lubricator: *See*—
Automatic lubricator.
Luggage, Hand. J. H. Plotkin. 2,126,206–7; Aug. 9.
Luminescent composition and making the same. A. Wakenhut. 2,126,233; Aug. 9.
Machine for breaking meat fiber. E. K. Hoy and U. P. Arena. 2,126,554; Aug. 9.
Machine for lasting shoes. E. Brothers. 2,125,884; Aug. 9.
Machine for use in applying pressure to shoe bottoms. J. T. Lancaster. 2,125,930; Aug. 9.
Machine for refining paper stock. W. V. Knoll. 2,126,264; Aug. 9.
Machine for selecting and spooling yarns for Axminster looms. R. W. Homan. 2,126,634; Aug. 9.
Machinery, Mechanism for soldering. G. M. Ambrosius. 2,126,598; Aug. 9.
Magnesium alloy. J. L. Haughton and W. E. Prytherch. 2,126,010; Aug. 9.
Manifold system for internal combustion engines, Exhaust. W. E. Brill. 2,126,609; Aug. 9.
Marker, Game. J. Emanuel. 2,126,373; Aug. 9.
Marking machine. R. B. Woodcock and S. W. Potter. 2,125,975; Aug. 9.
Match, Safety book. H. R. Howland. 2,126,015; Aug. 9.
Material, Apparatus for treating organic. J. R. Breuchaud. 2,126,168; Aug. 9.
Material, Method and apparatus for mixing finely divided. P. Goebels. 2,125,913; Aug. 9.
Material, Plastic. W. C. Pierson. 2,126,344; Aug. 9.
Materials, Apparatus for processing fibrous. R. Little, W. A. Traver, J. M. Wood, and F. W. Fraim. 2,125,937; Aug. 9.
Materials, Apparatus for the thermal treatment of carbonaceous. G. F. Michot-Dupont. 2,125,897; Aug. 9.
Materials, Finishing textile. J. G. Evans and C. E. Salkeld. 2,125,901; Aug. 9.
Materials, Treatment of artificial textile and like. G. H. Ellis and E. W. Kirk. 2,125,902; Aug. 9.
Measuring device, Tailor's. J. Turpan. 2,126,517; Aug. 9.
Measuring dispenser. A. Mintz. 2,126,569; Aug. 9.
Measuring machine. E. E. Winkley. 2,125,973; Aug. 9.
Meat, Treating. C. F. Gallagher. 2,126,187; Aug. 9.
Mechanism for selectively hooking segmental gate structures. L. E. Knerr. 2,125,928; Aug. 9.
Medicinal oleaginous distillation. K. C. D. Hickman. 2,126,466; Aug. 9.
Metal coated product. N. E. Cook, E. J. Knopf, and W. L. Diehl. 2,126,244; Aug. 9.
Metal underbody construction. L. G. Boehner. 2,126,607; Aug. 9.
Meter mounting, Electric. H. A. Bakke. 2,126,602; Aug. 9.
Methylamines, Separation of. C. E. Andrews and L. U. Spence. 2,126,600; Aug. 9.
Midsoles, Manufacture of. I. J. Novak. 2,125,947; Aug. 9.
Milk or other liquids, Apparatus for conditioning. L. W. Eggleston. 2,126,625; Aug. 9.
Mill: *See*—
Hollow mill. Tube rolling mill.
Quartz mill.
Mineral concentration. F. X. Tartaron. 2,126,292; Aug. 9.
Mirror, Car. M. C. Turner. 2,126,059; Aug. 9.
Molasses feed combined grinding and mixing mill. A. M. Dellinger. 2,125,993; Aug. 9.
Mold cooling device for line casting machines. C. C. Cox and E. L. Purdy. 2,126,536; Aug. 9.
Molding composition and making same, Urea resin type. C. Ellis. 2,126,677; Aug. 9.
Motion transmitting devices by comparing torques, Measuring system for determining the efficiency of rotary. H. F. von Thüngen. 2,126,157; Aug. 9.
Motor-driven vehicle. M. Balz. 2,126,085; Aug. 9.
Motor vehicle. C. R. Paton. 2,126,498; Aug. 9.
Mounting: *See*—
Panel mounting. Telescopic sight mounting.
Multiplying machine. R. A. Rowley. 2,126,666; Aug. 9.
Musical instrument, Electrical. L. Hammond. 2,126,464; Aug. 9.

Musical instrument, Electrical. L. Hammond. 2,126,682; Aug. 9.
Nail, Self-locking. H. J. Stone. 2,126,585; Aug. 9.
Napping machine. H. Fleisher. 2,126,629; Aug. 9.
Nipple for nursing bottles. L. Garfield. 2,126,322; Aug. 9.
Nozzle. R. E. Apthorp. 2,126,440; Aug. 9.
Nozzle, Blowpipe. J. W. Halbing. 2,125,915; Aug. 9.
Nut lock. E. B. Beasley. 2,125,878; Aug. 9.
Oil burner. J. E. Sweatt. 2,125,966; Aug. 9.
Oil, Color stable viscous hydrocarbon. B. H. Shoemaker and C. M. Loane. 2,125,961; Aug. 9.
Oil engine, Crude. A. Baud. 2,126,442; Aug. 9.
Oil, Lubricating. L. Liberthson. 2,125,934–6; Aug. 9.
Oil, Lubricating. J. Valentine. 2,126,590; Aug. 9.
Oil, Making a synthetic teaseed. G. Barsky. 2,126,527; Aug. 9.
Oil, Process of and apparatus for extracting cottonseed. J. P. Dickinson. 2,126,539; Aug. 9.
Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,126,472; Aug. 9.
Oils and the like, Refining vegetable. S. L. Langedijk and W. Coltof. 2,126,334; Aug. 9.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,126,204; Aug. 9.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,126,229; Aug. 9.
Oils, Dewaxing mineral. D. S. McKittrick and H. J. Henriques. 2,126,493; Aug. 9.
Oils, Heating and fractionating hydrocarbon. C. W. Stratford. 2,126,420; Aug. 9.
Oils, Refining of mineral. E. R. P. E. Retailliau and J. B. Wyman. 2,126,503; Aug. 9.
Open hearth furnace. W. A. Morton. 2,126,272; Aug. 9.
Optical device, Folding. J. P. Austin. 2,125,871; Aug. 9.
Oscillator, Ultrahigh frequency. A. H. Turner. 2,125,969; Aug. 9.
Outlet box. I. and E. L. Howells. 2,126,259; Aug. 9.
Package. J. Bollinger, Jr. 2,126,444; Aug. 9.
Package for candy, nuts, and the like, Dispensing. J. Friedl. 2,126,185; Aug. 9.
Pan, Drain. P. Griffin. 2,126,631; Aug. 9.
Paper and coating therefor, Sensitized blue print. A. P. Reynolds. 2,126,504; Aug. 9.
Paper for roll coating film, Backing. P. C. Seel. 2,126,350; Aug. 9.
Paper, Greaseproof gummed. F. W. Humphner. 2,126,192; Aug. 9.
Paper machine. B. A. Malkin. 2,126,486; Aug. 9.
Paper spacing device. C. D. Lake. 2,126,644; Aug. 9.
Paper structure, Manufacture of tubular. E. C. Hughes. 2,126,556; Aug. 9.
Packaging machine. W. A. Joplin. 2,126,193; Aug. 9.
Panel mounting. J. Breackevelt. 2,126,167; Aug. 9.
Pearls, Production of culture. K. Mikimoto. 2,126,024; Aug. 9.
Pen and pencil holder. G. F. Kidrick. 2,126,194; Aug. 9.
Pen, Fountain. B. H. Dicks. 2,126,540; Aug. 9.
Pen, Fountain. S. M. Sager. 2,125,957; Aug. 9.
Perforator and stopper, Can top. T. F. Russell. 2,126,667; Aug. 9.
Permutation lock. J. P. and H. E. Van Dine. 2,126,063; Aug. 9.
Phasing and synchronizing of signaling apparatus. W. A. Knoop. 2,126,265; Aug. 9.
Phenols, Producing halogenated. W. M. Lofton, Jr., and S. G. Burroughs. 2,126,648; Aug. 9.
Photograph frame. G. A. E. Kaul. 2,126,558; Aug. 9.
Photographic apparatus. P. Landrock and B. K. Murchison. 2,126,479; Aug. 9.
Photographic apparatus, Exposure control for. J. Mihalyi. 2,126,338; Aug. 9.
Photographic color-forming compounds. L. D. Mannes, L. Godowsky, Jr., and W. D. Peterson. 2,126,337; Aug. 9.
Photographic developing and fixing solution. M. Salo. 2,126,349; Aug. 9.
Photographic emulsions, Sensitizing. W. Zeh, A. Sieglitz, and M. Dabelow. 2,126,078; Aug. 9.
Photographic exposure tester. H. R. Johnson. 2,126,332; Aug. 9.
Photographic objective. W. Merté. 2,126,126; Aug. 9.
Photographic process. G. Szász. 2,126,516; Aug. 9.
Photographic representations on aluminum surfaces, Producing. A. Jenny and N. Budiloff. 2,126,017; Aug. 9.
Photography structure, Color. R. S. Potter. 2,126,137; Aug. 9.
Piezoelectric apparatus. A. L. W. Williams. 2,126,438; Aug. 9.
Pilot shut-off, Safety. O. J. Leins. 2,126,564; Aug. 9.
Piston construction. M. G. Fiedler. 2,126,627; Aug. 9.
Piston for internal combustion engines. A. L. R. Bernard. 2,126,306; Aug. 9.
Piston for internal combustion motors. E. C. Long. 2,125,938; Aug. 9.
Piston for pressure producing devices. M. W. Bowen. 2,125,986; Aug. 9.
Plain bearing. N. A. Palmgren. 2,126,688; Aug. 9.
Plasticizer for rubber derivatives. A. Kirkpatrick. 2,126,019; Aug. 9.
Plate, Antitermite. R. J. Reis. 2,126,664; Aug. 9.
Plates, Making decorative. J. G. Bjorkman. 2,126,088; Aug. 9.
Platform, All-welded skid. G. Quayle. 2,126,278; Aug. 9.
Plating, Mechanism for and method of effecting changes in. R. H. Lawson and A. N. Cloutier. 2,126,196; Aug. 9.
Playground apparatus. A. B. Horne. 2,126,636; Aug. 9.
Plug: *See*—
Electric plug.
Plugs and ignition circuits, Device for testing spark. J. Tawyer. 2,126,154; Aug. 9.
Plunger, Suction. A. Pouliot. 2,126,689; Aug. 9.
Polish and rust remover, Metal. J. I. Kushima. 2,126,119; Aug. 9.
Polishing composition. H. Deguide. 2,126,096; Aug. 9.
Polycyclic compounds from chrysene and preparing them. H. Vollmann and H. Becker. 2,126,360; Aug. 9.
Polymers from olefine mixtures, Producing valuable. S. C. Fulton and T. Cross, Jr. 2,126,001; Aug. 9.
Power drive, Tensioned. A. Johnson. 2,126,470; Aug. 9.
Power operated tool, Portable. W. A. Smith, Jr. 2,126,673; Aug. 9.
Power transmission, Electric. B. D. Bedford. 2,126,604; Aug. 9.
Pressure measuring device, Tire. W. H. and A. G. Hendel. 2,126,327; Aug. 9.
Printing plate, Lithographic. W. S. Field. 2,126,181; Aug. 9.
Product based upon maté and making the same. D. E. Fink. 2,126,374; Aug. 9.
Products from mineral oils, Process of and apparatus for producing lower boiling. W. G. Leamon. 2,126,400; Aug. 9.
Propeller blade, Hinged. W. C. Ocker and G. R. Smith. 2,125,948; Aug. 9.
Propeller unit, Aircraft. J. W. Sessums. 2,126,221; Aug. 9.
Protective device for drill pipes. H. C. W. Miller. 2,126,405; Aug. 9.
Protective system for electric valve circuits. C. H. Willis. 2,126,523; Aug. 9.
Projector and sound reproducing installations, Control unit for. C. D. Fator. 2,125,903; Aug. 9.
Protector: *See*—
Garment protector.
Pulverizer. E. G. Bailey and R. M. Hardgrove. 2,126,081; Aug. 9.
Pump: *See*—
Vacuum pump.
Pump for reversible combustion engines, Fuel. H. Waltl. 2,126,068; Aug. 9.
Pump or motor structure. C. E. Broman. 2,125,988; Aug. 9.
Pumping assembly. C. G. Harbordt. 2,126,385; Aug. 9.
Punch, Record. R. B. Johnson. 2,126,640; Aug. 9.
Push drill. T. J. Fegley and G. O. Leopold. 2,126,626; Aug. 9.
Quartz mill. F. L. Minnick. 2,126,406; Aug. 9.
Rack: *See*—
Towel rack.
Radiation, Determination of quantitative characteristics of. F. Twyman and L. J. Spencer. 2,126,429; Aug. 9.
Radio system, Ultrahigh frequency. V. K. Zworykin. 2,125,977; Aug. 9.
Railroad crossing gate. H. R. Gilmore. 2,126,548; Aug. 9.
Rake tooth cleaner. H. M. Goheen. 2,126,105; Aug. 9.
Range, Cooking. R. N. Hanson. 2,126,109; Aug. 9.
Raking apparatus. W. F. Potts. 2,126,573; Aug. 9.
Reamer cutter. C. E. Reed. 2,126,037; Aug. 9.
Receiver of telephonic or telegraphic signals. R. Prochnow. 2,125,953; Aug. 9.
Receiver, Regenerative. P. Belleville. 2,125,982; Aug. 9.
Recorder system, Annunciator. M. W. Muehter. 2,126,025; Aug. 9.
Rectifier. H. Walter. 2,126,067; Aug. 9.
Reduction process, Metallurgical. R. Gahl. 2,125,909; Aug. 9.
Reel: *See*—
Cable reel.
Reel and winding gear generally, Fishing. W. Stanley. 2,126,227; Aug. 9.
Refrigerating apparatus. N. J. Bohn. 2,125,984; Aug. 9.
Refrigerating apparatus. G. F. Welher. 2,126,158; Aug. 9.
Refrigerating apparatus, Dry ice. A. J. Cordrey. 2,125,888; Aug. 9.
Refrigerating system, Multiple steam jet. J. E. Haines. 2,126,384; Aug. 9.
Refrigerator. J. E. Schaaf. 2,126,285; Aug. 9.
Registers, Apparatus for calibrating and proving. A. D. MacLean. 2,126,484; Aug. 9.
Regulator. G. K. O'Connor. 2,125,949; Aug. 9.
Relay. E. Lakatos. 2,126,562; Aug. 9.
Remote control device. H. Weber. 2,126,234; Aug. 9.
Resin process, Hydrocarbon. M. H. Arveson. 2,125,872; Aug. 9.
Resin, Manufacture of varnish base. M. J. Bonham. 2,126,242; Aug. 9.
Resistor, Variable. H. G. Richter. 2,125,954; Aug. 9.
Retort and retort setting. C. E. Hawke. 2,126,325; Aug. 9.
Ribbon mechanism for recording apparatus. A. Ruttiman. 2,126,347; Aug. 9.
Ride stabilizer. R. S. Jones. 2,126,642; Aug. 9.

Rig for sailboats and vessels. J. T. Rowland. 2,126,665; Aug. 9.
Rim, Metal wheel. F. W. Schwinn. 2,126,222–3; Aug. 9.
Rodent and animal trap. F. D. Stemen. 2,126,512; Aug. 9.
Rod cleaner. G. E. Slaugenhop. 2,126,671; Aug. 9.
Roll clearer for textile machines, Bottom. N. O. Petrea. 2,126,500; Aug. 9.
Rotary machine. H. E. Curtis. 2,126,093; Aug. 9.
Rotors, Making squirrel cage. G. A. Waters. 2,125,970; Aug. 9.
Rubber and product obtained thereby, Treating. W. E. Messer. 2,126,269; Aug. 9.
Rubber, Making sponge. S. R. Ogilby. 2,126,273; Aug. 9.
Rubber, Making sponge. S. R. Ogilby. 2,126,275; Aug. 9.
Rubber, Vulcanization of. A. M. Clifford. 2,126,620; Aug. 9.
Rug and making the same. E. E. Gowell. 2,126,254; Aug. 9.
Rug making implement. C. E. Haymaker. 2,126,551; Aug. 9.
Sack opening and loading device. M. R. Frankenfield. 2,126,184; Aug. 9.
Safety device for firearms. G. S. Lewis. 2,125,933; Aug. 9.
Safety valve, Thermoelectric. J. H. Thornbery and H. A. Mantz. 2,126,587; Aug. 9.
Sash construction. C. M. Verhagen. 2,126,231; Aug. 9.
Saw, Band. H. J. Goff and E. O. Setzer. 2,126,382; Aug. 9.
Scaffold, Adjustable window. A. R. Schulz, Jr. 2,126,218; Aug. 9.
Scale, Indicating. E. D. Fear and T. L. Siebenthaler. 2,126,377; Aug. 9.
Screen: *See*—
Vibratory screen.
Screen construction. H. H. Everhard. 2,126,544; Aug. 9.
Seat: *See*—
Automobile seat.
Seat supporting means. W. S. Saunders and T. A. McGregor. 2,126,142; Aug. 9.
Sectional door. H. J. Siess and J. E. Casse. 2,126,418; Aug. 9.
Separator: *See*—
Dust separator.
Separator. C. J. Westin. 2,126,236; Aug. 9.
Sewing machine. J. P. Weis. 2,126,521; Aug. 9.
Shade control device, Window. M. W. Hendrich. 2,126,013; Aug. 9.
Shaping machine. E. Aeberli. 2,125,873; Aug. 9.
Sharpener, Farm implement disk. J. H. Harth. 2,126,632; Aug. 9.
Sheath, Clothesline. A. P. Williams. 2,126,073; Aug. 9.
Sheet and loose form holder, Carbon. K. R. Dencklau. 2,126,538; Aug. 9.
Sheet cutting apparatus. P. Landrock and A. W. Caps. 2,126,478; Aug. 9.
Sheet separating and feeding device. F. W. Storck and C. V. Franson. 2,126,514; Aug. 9.
Sheeting containing a lower alkyl myristate, Cellulose mixed ester. H. B. Smith. 2,126,510; Aug. 9.
Shirt. M. Liebmann. 2,126,021; Aug. 9.
Shirt and making the same, Athletic. S. N. Friedland. 2,126,186; Aug. 9.
Shirt folding and finishing apparatus. J. C. Chevalier. 2,126,618; Aug. 9.
Shoe. C. H. Daniels. 2,126,094; Aug. 9.
Shoe fitting indicator. D. R. Brady. 2,126,608; Aug. 9.
Shoemaking. W. M. Page. 2,126,276; Aug. 9.
Shoemaking method and means therefor. M. Garfinkel, J. Ruiz, and W. I. Duga. 2,125,911; Aug. 9.
Shoe sole. W. K. Youngberg. 2,126,077; Aug. 9.
Shoe-upper edge-treating machine. F. E. Sherman. 2,125,960; Aug. 9.
Shoe bottoms, Apparatus for applying pressure to. F. Ricks and L. Mawbey. 2,125,955; Aug. 9.
Shovel and the like, Portable power. L. O. McLean. 2,126,404; Aug. 9.
Shovel, Hollow back. G. C. Wharton. 2,126,692; Aug. 9.
Shredder and slicer, Vegetable. W. E. and J. R. Urschel. 2,126,361; Aug. 9.
Shutter actuating mechanism. A. Nagel. 2,126,340; Aug. 9.
Shutter control, Photographic. D. A. Young, Jr. 2,126,302; Aug. 9.
Shuttle changer loom, Multishuttle. R. G. Turner. 2,126,061; Aug. 9.
Shuttle changing loom, Multishuttle. R. G. Turner. 2,126,060; Aug. 9.
Shuttle changing loom, Multicolor. L. S. Vose. 2,126,065; Aug. 9.
Siding. F. S. Thomas. 2,126,676; Aug. 9.
Sighting device and support for same. A. Langsner. 2,126,195; Aug. 9.
Sign. D. N. Estes. 2,126,678; Aug. 9.
Sign device. J. B. Hamilton. 2,126,008; Aug. 9.
Signal: *See*—
Chime signal.
Signal responsive device. H. Belar. 2,125,879; Aug. 9.
Signal system, Protective. C. C. C. Eggers. 2,126,316; Aug. 9.
Signaling, Railway. G. R. Pflasterer. 2,126,658–9; Aug. 9.
Signaling system. H. S. Black and E. K. Van Tassel. 2,126,530; Aug. 9.
Signalling system for motor vehicles. E. C. Horton. 2,126,638; Aug. 9.
Sirup, Sweetpotato. H. S. Paine and E. Yanovsky. 2,126,133; Aug. 9.
Skate, Roller. C. Vogt. 2,126,359; Aug. 9.
Ski. C. G. Suits. 2,126,152; Aug. 9.
Slack adjuster. E. G. Mueller. 2,126,652; Aug. 9.
Slagging furnace. G. P. Jackson. 2,126,557; Aug. 9.
Slagging furnace. W. R. Wood. 2,126,524; Aug. 9.
Slicer, Sandwich bun. B. F. and W. E. Smith and W. C. Broyles. 2,126,226; Aug. 9.
Slicing apparatus. F. J. Englen. 2,126,458; Aug. 9.
Slicing machine. J. Folk. 2,126,380; Aug. 9.
Slicing machine. H. Stukart. 2,126,421; Aug. 9.
Slicing machine. A. N. Szwarguiski. 2,126,057; Aug. 9.
Slipper bearing. J. P. Ruth. 2,126,668; Aug. 9.
Slop, Method of and apparatus for filtering distillery. C. W. Kalkhoff. 2,126,018; Aug. 9.
Solvents, Production of organic deodorized. F. N. Pickett. 2,126,277; Aug. 9.
Speed reducer. W. P. Schmitter. 2,126,691; Aug. 9.
Spout and closure, Pouring. C. McQuinn. 2,126,651; Aug. 9.
Sludge purification of sewage and other liquids, Activated. P. B. Streander. 2,126,228; Aug. 9.
Slurry and other materials, Apparatus for drying. L. D. Parker. 2,126,029; Aug. 9.
Smoker's pipe. F. F. Field. 2,126,545; Aug. 9.
Snowshoe. A. Berry. 2,125,883; Aug. 9.
Soaking pit and like heating furnace. W. T. Dean. 2,126,095; Aug. 9.
Soap and glycerin, Manufacture of. R. A. Duncan. 2,126,099; Aug. 9.
Soldering device. M. Kohosoff. 2,126,399; Aug. 9.
Soldering iron. F. M. Kirkpatrick. 2,126,559; Aug. 9.
Sole, Cushion. W. H. Bain. 2,126,601; Aug. 9.
Solutions of colloidal and crystalloidal nature, and in particular of sweet juices and residual waters, Treatment of. E. J. Hugel. 2,126,535; Aug. 9.
Solvents for dewaxing oils, Using hydrogenated. J. V. Starr. 2,126,055; Aug. 9.
Sound recording. E. D. Cook. 2,125,890–1; Aug. 9.
Sound recording and sound reproducing and locating apparatus. F. M. Doolittle. 2,126,370; Aug. 9.
Spectrophotometer. O. W. Pineo. 2,126,410; Aug. 9.
Spool. D. A. Sprigings. 2,126,053; Aug. 9.
Spray head. A. C. Arbogast. 2,125,863; Aug. 9.
Spray head. A. C. Arbogast. 2,125,978; Aug. 9.
Spring: *See*—
Laminated spring. Vehicular spring.
Upholsterer's spring.
Spring assembly. L. J. Zerbee. 2,126,439; Aug. 9.
Springing arrangement for the wheels of power driven vehicles. M. Balz. 2,126,084; Aug. 9.
Springing of vehicles. F. Nallinger. 2,126,130; Aug. 9.
Stalk lifter. A. W. Swenson. 2,126,153; Aug. 9.
Stand. W. A. Anderson. 2,126,303; Aug. 9.
Staple clincher for steel fences. G. Simons. 2,126,225; Aug. 9.
Starching machine. G. J. Reinitz. 2,126,663; Aug. 9.
Steam boiler. A. C. Church. 2,126,619; Aug. 9.
Steam generator with forced passage of the operating medium. M. Eule. 2,126,248; Aug. 9.
Steepwater, Evaporation of. R. O. McCoy. 2,126,568; Aug. 9.
Stoker, Automatic. W. M. Fulton. 2,126,104; Aug. 9.
Stoker lubrication. W. T. Hanna. 2,125,917; Aug. 9.
Stones, Method and apparatus for setting cutting. R. H. Taylor. 2,126,058; Aug. 9.
Stop motion, Knot actuated. M. H. Rosenfeld. 2,126,348; Aug. 9.
Stopper, Nonrefillable bottle. E. Greene. 2,126,005; Aug. 9.
Stopper, Protective bottle. E. Greene. 2,126,003; Aug. 9.
Strands, Apparatus for handling. B. K. Ford. 2,126,250; Aug. 9.
Straw spreader attachment. L. Luellen. 2,126,121; Aug. 9.
Stretcher, Curtain. W. Beight. 2,126,606; Aug. 9.
Strip mounting device for windows. J. Rentler. 2,126,043; Aug. 9.
Strips of material, Fastening. C. A. Woodward. 2,126,161; Aug. 9.
Suction cleaner. F. A. Grothe. 2,126,383; Aug. 9.
Suction cleaner. W. H. Kitto. 2,126,396; Aug. 9.
Suction cleaner. U. A. Whitaker. H. B. White and C. H. Taylor. 2,126,362; Aug. 9.
Sulphur colors by thionation. A. J. Johnson, and G. C. Strouse. 2,125,924; Aug. 9.
Supercharged engine, Two-cycle solid-fuel injection. E. Moore. 2,126,270; Aug. 9.
Superheater boiler. G. P. Jackson. 2,126,260; Aug. 9.
Supervision device for variations of temperature. R. J. Jordi. 2,126,115; Aug. 9.
Support: *See*—
Antenna support. Loom filling carrier tip support.
Book support.
Interconnecting support.
Support for hairpins. R. Sievers. 2,126,051; Aug. 9.
Support mechanism, Axminster tube frame. W. B. Cooper. 2,126,449; Aug. 9.

Supporter, Hose. E. K. Bliesath. 2,126,166; Aug. 9.
Supporting means, Adjustable. W. S. Saunders and T. A. McGregor. 2,126,143; Aug. 9.
Swatter, Extension handle fly. W. Cowen. 2,126,311; Aug. 9.
Sweep circuits. E. Busse, J. van der Mark, and A. Venis. 2,126,243; Aug. 9.
Switch: *See*—
Time switch.
Switch box securing device. B. R. Jett. 2,126,114; Aug. 9.
Switch operating apparatus, Railway. W. L. Stout. 2,126,675; Aug. 9.
Tabulating machine. G. F. Daly. 2,126,621; Aug. 9.
Tabulator type, Record controlled. H. Weinlich and U. Kölm. 2,126,595; Aug. 9.
Tank for frog culture, Feeding. J. E. Stearns. 2,126,056; Aug. 9.
Tank for livestock, Heated. L. T. Petersen. 2,126,657; Aug. 9.
Tank for volatile liquids. M. E. Clawson and F. Mohnk. 2,126,367; Aug. 9.
Tanks and other large containers to protect their interior surfaces against corrosion, Treating ships'. T. B. Unger. 2,126,430; Aug. 9.
Tape transmitter, Automatic. E. F. Kleinschmidt. 2,126,397; Aug. 9.
Target, Baseball pitching. R. A. Fowler. 2,126,102; Aug. 9.
Telescope. A. Langsner. 2,126,335; Aug. 9.
Telescopic sight mounting. R. J. Lennon. 2,125,932; Aug. 9.
Teleticket system. E. Hopkins. 2,126,635; Aug. 9.
Teletypewriter system. T. L. Corwin, B. S. Swezey, and E. F. Watson. 2,126,535; Aug. 9.
Television synchronizing apparatus, Automatic. A. J. Cawley. 2,125,991; Aug. 9.
Television tube. K. Schlesinger. 2,126,287; Aug. 9.
Terne coating. H. A. Roemer and R. F. Renkin. 2,126,578; Aug. 9.
Testing device. K. S. Vosbury. 2,126,434; Aug. 9.
Testing machine and measuring device therefor. J. T. Dalcher. 2,126,175; Aug. 9.
Textile materials of mixed types of fibers, Finishing of. D. H. Jones. 2,125,925; Aug. 9.
Thermoelectric converter. H. G. Pack. 2,126,656; Aug. 9.
Thermostatic devices, Method and apparatus for charging. P. E. Cate. 2,126,532; Aug. 9.
Threads, Apparatus for equalizing the tension on a plurality of. T. M. Moran. 2,126,271; Aug. 9.
Threads, Dressing textile. H. H. Freund. 2,126,000; Aug. 9.
Ticket distributing system, Pneumatic. L. N. Hampton and A. K. Smith. 2,126,549; Aug. 9.
Tile block. H. Jansen. 2,126,394; Aug. 9.
Time switch. W. C. Padgett. 2,126,496; Aug. 9.
Time switch, Demountable. E. F. Swensen. 2,126,515; Aug. 9.
Tool: *See*—
Combination tool. Power operated tool.
Gear cutting tool.
Torque indicating wrench. W. H. Montgomery. 2,125,945; Aug. 9.
Torque loading device for adhesive transmission. R. Erban. 2,125,998; Aug. 9.
Towel rack, Folding. G. Sterrett. 2,126,513; Aug. 9.
Toy hand grenade. C. Arnold. 2,125,979; Aug. 9.
Toy parachute. A. H. Vogt. 2,126,156; Aug. 9.
Tractor hitch. G. W. Todd. 2,126,357; Aug. 9.
Traffic button. J. W. Shaffer and R. T. Phillips. 2,126,224; Aug. 9.
Traffic control system. J. O. Shepherd. 2,126,144; Aug. 9.
Traffic control system. D. Wright. 2,126,695; Aug. 9.
Traffic control system, Automatic. F. von Opel. 2,126,432; Aug. 9.
Traffic control system, Automatically operated. F. von Opel. 2,126,431; Aug. 9.
Traffic controlling system for railroads, Centralized. W. T. Powell. 2,126,208; Aug. 9.
Traffic controlling system for railroads, Centralized. N. D. Preston. 2,126,209–10; Aug. 9.
Traffic controlling system for railroads, Centralized. N. D. Preston. 2,126,211; Aug. 9.
Traffic signal system, Automatic. F. J. Buechel, Jr. 2,126,614; Aug. 9.
Trailer body frame. K. M. Byron. 2,126,090; Aug. 9.
Train pipe valve. A. E. Fornwalt. 2,126,101; Aug. 9.
Transformer, Adjustable voltage. J. A. Comstock. 2,126,174; Aug. 9.
Transmission. R. Erban. 2,125,999; Aug. 9.
Transmission, Hydraulic. F. J. Ramsey. 2,126,662; Aug. 9.
Transmission system. H. S. Black. 2,126,529; Aug. 9.
Transmission, Variable speed. W. P. Schmitter. 2,126,508; Aug. 9.
Transmitter for fluid pressure systems. E. C. S. Clench. 2,126,310; Aug. 9.
Trap: *See*—
Rodent or animal trap.
Tray. J. Solomon. 2,126,353; Aug. 9.
Tree and producing, Artificial Christmas. J. Frei, Jr. 2,125,907; Aug. 9.
Tree, Artificial Christmas. J. Frei, Jr. 2,125,906; Aug. 9.
Tree decorating appliance. C. V. East. 2,126,457; Aug. 9.
Trigger mechanism. H. C. Wright and H. W. Allen. 2,126,076; Aug. 9.
Trimethylamine and ammonia, Separating a mixture of. M. R. Fenske and C. E. Andrews. 2,125,905; Aug. 9.
Trimming machine. J. T. Lancaster. 2,125,931; Aug. 9.
Trinitrotoluene, Purification of. J. A. Wyler. 2,126,162; Aug. 9.
Truck, Lifting. C. S. Schroeder. 2,126,289; Aug. 9.
Truss. J. E. Hansen. 2,126,550; Aug. 9.
Tube: *See*—
Braun tube. Grid tube.
Electron tube. Television tube.
Electronic tube.
Tube bending, Apparatus for. J. F. Wesley. 2,126,235; Aug. 9.
Tube rolling mill. J. Severin. 2,126,509; Aug. 9.
Tubular articles, Making. C. J. Keller. 2,126,473; Aug. 9.
Turbomechanical transmission gear. H. Föttinger. 2,126,547; Aug. 9.
Typewriting machine. W. A. Dobson. 2,126,315; Aug. 9.
Typewriting machine. G. F. Handley. 2,126,323; Aug. 9.
Typewriting machine. W. F. Helmond. 2,126,326; Aug. 9.
Typewriting machine. W. S. Lemmon. 2,126,647; Aug. 9.
Typewriting machine. R. G. Thompson. 2,126,356; Aug. 9.
Typewriting machine. E. L. Wise. 2,126,297; Aug. 9.
Ultrahigh frequency apparatus. J. Evans. 2,125,900; Aug. 9.
Underreamer. H. C. Smith. 2,126,146; Aug. 9.
Upholsterer's spring. S. Braun. 2,125,987; Aug. 9.
Ureido N-diaryl dicarboxylic acid halides. G. M. Dyson and A. Renshaw. 2,126,180; Aug. 9.
Vaccinator, Sheep. H. W. and E. E. Townsend. 2,126,358; Aug. 9.
Vacuum breaker for hydraulic machines. T. Norbom. 2,125,946; Aug. 9.
Vacuum, Production of high. P. V. Malloy. 2,126,686; Aug. 9.
Vacuum pump. C. S. Hornberger and M. N. States. 2,126,553; Aug. 9.
Vacuum seal indicator. T. S. J. Richards. 2,126,212; Aug. 9.
Vacuum valve. B. C. Gardner. 2,125,910; Aug. 9.
Valve: *See*—
Train pipe valve. Vacuum valve.
Valve. H. McCarthy. 2,125,942; Aug. 9.
Valve circuits, Electric. B. D. Bedford. 2,126,603; Aug. 9.
Valve control system, Electric. D. Journeaux. 2,126,395; Aug. 9.
Valve for controlling fluids. R. W. Leach. 2,126,020; Aug. 9.
Valve for floor drains, Primer. F. Ross. 2,126,140; Aug. 9.
Valve for well testing tools, Main. M. O. Johnston. 2,126,641; Aug. 9.
Valves, Making refrigerator. A. J. Weatherhead, Jr. 2,126,594; Aug. 9.
Vapor pressure, Device for recording. S. S. Smith. 2,126,052; Aug. 9.
Variable speed gear. A. Timmermann. 2,126,294; Aug. 9.
Vault cover, Burial. J. Schulz. 2,126,219; Aug. 9.
Vehicle: *See*—
Child's vehicle. Motor vehicle.
Motor-driven vehicle.
Vehicle drive. O. H. Hacker. 2,126,255; Aug. 9.
Vehicle heating. R. J. Parsons. 2,126,497; Aug. 9.
Vehicle wheel. C. L. Eksergian. 2,126,372; Aug. 9.
Vehicular spring. C. L. Banks. 2,126,086; Aug. 9.
Vehicle transmission control, Motor. G. T. Randol. 2,126,032; Aug. 9.
Ventilating system and method of installing same. M. E. Gordon. 2,126,107; Aug. 9.
Ventilator and awning, Combined. F. Schardt. 2,126,213; Aug. 9.
Ventilator for toilet bowls, Forced. S. E. Orebaugh. 2,126,131; Aug. 9.
Vibration isolating apparatus, Spring type. G. D. Pogue. 2,126,660; Aug. 9.
Vibratory screen. W. H. Popp and E. A. Ebert. 2,126,031; Aug. 9.
Vinyl polymers, Light stabilization of. F. W. Duggan. 2,126,179; Aug. 9.
Voltage measuring and indicating device. R. H. P. Collings. 2,125,992; Aug. 9.
Wall construction. F. H. Hedinger. 2,126,012; Aug. 9.
Washing machine. D. G. Alexopoulos. 2,126,365; Aug. 9.
Waste heat boiler. C. V. McIntire and L. F. Schrader. 2,126,125; Aug. 9.
Water from and supplying water to subterranean formations, Method of and apparatus for recovering. L. Ranney. 2,126,575; Aug. 9.
Water-modifying apparatus. J. Corydon, Jr., and R. Lowe. 2,126,092; Aug. 9.
Weaving loom, Needle. R. Dewas. 2,125,894; Aug. 9.
Welding apparatus. F. C. Hutchison and W. J. Jacobsson. 2,125,923; Aug. 9.
Welding apparatus. W. H. Martin. 2,126,490; Aug. 9.

Wells, Drilling. O. B. Goldman. 2,126,189; Aug. 9.
Wheel: *See*—
Grinding wheel. Vehicle wheel.
Wheel for automobiles, Safety. W. J. Bailey. 2,126,083; Aug. 9.
Wheels, Making. R. T. Bell. 2,125,866; Aug. 9.
Winding machine. F. Klein. 2,125,927; Aug. 9.
Window construction. W. E. Dennis. 2,126,177; Aug. 9.
Window construction. M. F. Gagnier. 2,126,381; Aug. 9.
Windshield cleaner. E. C. Horton. 2,126,637; Aug. 9.
Wire drawing, Apparatus for continuous. H. K. Beach. 2,126,528; Aug. 9.
Wood preservative, Producing. J. E. Harvey, Jr., R. H. White, Jr., and J. J. White. 2,125,918; Aug. 9.
Wool, Making mineral. E. R. Powell. 2,126,411; Aug. 9.
Work guide, Shiftably mounted. R. J. Sailer. 2,126,507; Aug. 9.
Work holder. C. E. Harris. 2,125,919; Aug. 9.
Wrench: *See*—
Torque indicating wrench.
Writing machine. J. A. Smith. 2,126,352; Aug. 9.
Yarn carrier. E. A. Feustel. 2,126,249; Aug. 9.
Yarn conditioning process and compositions therefor. J. B. Dickey and J. G. McNally. 2,126,314; Aug. 9.

CLASSIFICATION OF PATENTS

ISSUED AUGUST 9, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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259— 4: 2,125,913
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260— 9: 2,126,677
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163: 2,126,468
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267— 29: 2,126,086
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U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abelson, Nat, New York, N. Y. Dresses. Serial No. 405,801; Aug. 16. Class 39.

Abrasive Company, Philadelphia, Pa. Abrasive grinding wheels and abrasive flanges therefor. Serial No. 407,209; Aug. 16. Class 4.

Adams, C. F., Incorporated, Fort Worth, Tex. Cup leathers, valve leathers, crimps, etc. Serial No. 380,817; Aug. 16. Class 35.

Air Reduction Sales Company, New York, N. Y. Welding flux. Serial No. 407,841; Aug. 16. Class 6.

Ak-Ro-No Auto Products Co., Vandalia, Ill. Preparation for cleaning and restoring lustre to rubber and rubber products. Serial No. 407,410; Aug. 16. Class 4.

American Maid Company, Inc., Chicago, Ill. Night gowns, pajamas slips, and panties. Serial No. 405,472; Aug. 16. Class 39.

American Maize-Products Company, New York, N. Y. Cornstarch. Serial No. 407,256; Aug. 16. Class 46.

Anderson, Arthur O., Cedar Rapids, Iowa. Astringents, after shaving creams and lotions; etc. Serial No. 406,627; Aug. 16. Class 6.

Aristoc Limited, Langley Mill, England. Silk stockings. Serial No. 404,977; Aug. 16. Class 39.

Artype Dental Company, Harrisburg, Pa. Artificial teeth. Serial No. 408,036; Aug. 16. Class 44.

Ash, Clarence G., Huntington Park, Calif. Bird, fish, dog, etc., foods. Serial No. 404,739; Aug. 16. Class 46.

Ball, Anson, doing business as Paramount Products Co., Dover, N. J. Automobile polish. Serial No. 407,518; Aug. 16. Class 16.

Battat, Ezekiel M., doing business as Battat Import-Export Company, San Francisco, Calif. Canned fruit. Serial No. 407,417; Aug. 16. Class 46.

Blish Milling Company, Seymour, Ind. Wheat-flour, cake flour, graham flour, etc. Serial No. 404,979; Aug. 16. Class 46.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. Serial No. 408,046; Aug. 16. Class 42.

Burndy Engineering Company, Inc., New York, N. Y. Electrical connectors. Serial No. 407,125; Aug. 16. Class 21.

Burns, Thomas H., Boston, Mass. Superchargers. Serial No. 406,675; Aug. 16. Class 23.

Burstein, Charles, & Bro. Inc., New York, N. Y. Hand bags and purses. Serial No. 408,308; Aug. 16. Class 3.

Burnstein, Louis, doing business as Rux Products Co., Platte City, Mo. Cold capsules. Serial No. 407,127; Aug. 16. Class 6.

Butt, H. E., Grocery Company, Harlingen, Tex. Canned fruits, canned vegetables, and canned fruit juices. Serial No. 406,707; Aug. 16. Class 46.

Buzza-Cardozo, Los Angeles, Calif. Greeting cards. Serial No. 406,622; Aug. 16. Class 38.

Capehart, Incorporated, The, Fort Wayne, Ind. Combination radio and automatic phonographs. Serial No. 407,489; Aug. 16. Class 36.

Carlyle. (See Charm Products, Inc.)

Carroll, C. Carlton, Troy, N. Y. Anagram puzzle. Serial No. 405,800; Aug. 16. Class 38.

Carson Pirie Scott & Company, Chicago, Ill. Overalls. Serial No. 406,372; Aug. 16. Class 39.

Carter Manufacturing Company, The. (See Greene, Louis M.)

Cauchois, Félix J., Hussigny-Godbrange, Meurthe-et-Moselle, France. Medicated powder. Serial No. 398,515; Aug. 16. Class 6.

Celanese Corporation of America, New York, N. Y. Piece goods. Serial No. 407,217; Aug. 16. Class 42.

Celanese Corporation of America, New York, N. Y. Piece goods. Serial No. 407,490; Aug. 16. Class 42.

Ceramiche Piccinelli S. A., Mozzate, Italy. Ceramic bricks and tiles. Serial No. 398,981; Aug. 16. Class 12.

Ceramiche Piccinelli S. A., Mozzate, Italy. Wall and floor tiles. Serial No. 398,982; Aug. 16. Class 12.

Charleston Milling Company, Charleston, W. Va. Dairy feed. Serial No. 401,636; Aug. 16. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. Serial No. 401,637; Aug. 16. Class 46.

Charm Products, Inc., doing business as Carlyle, Los Angeles, Calif. Nail wax, lip stick, astringent, hand lotion, etc. Serial No. 405,102; Aug. 16. Class 6.

Chicago Bridge & Iron Works, Chicago, Ill. Metal roofs for storage tanks. Serial No. 407,535; Aug. 16. Class 12.

Chicago Smoked Fish Co., Chicago, Ill. Smoked fish, pickled fish, salted fish, etc. Serial No. 397,703; Aug. 16. Class 46.

Clark, Toby, Inc., New York, N. Y. Folding chairs. Serial No. 405,374; Aug. 16. Class 32.

Clovermaid Products Co. (See Sioux Honey Association, Cooperative.)

Coastal Pharmaceutical Co., Inc., New York, N. Y. Medicine. Serial No. 407,087; Aug. 16. Class 6.

Columbia Mills, Inc., The, New York, N. Y. Venetian blinds. Serial No. 407,537; Aug. 16. Class 32.

Commercial Milling Company, Detroit, Mich. Wheat flour. Serial No. 400,668; Aug. 16. Class 46.

Contour Hosiery Mills, Rockford, Ill. Hosiery. Serial No. 406,122; Aug. 16. Class 39.

Co-operative Fire Works. (See Giusti, Oscar J.)

Cosmic-Ray Enterprises. (See Parfet, Ray T.)

Crescent Insulated Wire & Cable Co., Trenton, N. J. Rubber insulation and for electrical wire and cable. Serial No. 407,491; Aug. 16. Class 21.

Criss-Cross Directory Co., Toledo, Ohio. Directories. Serial No. 406,375; Aug. 16. Class 38.

Delta Electric Company, Marion, Ind. Combination electric lamp and horn. Serial No. 407,623; Aug. 16. Class 21.

Delta & Pine Land Co. of Mississippi, Scott, Miss. Cotton seed for planting. Serial No. 405,920; Aug. 16. Class 1.

Detroit Dental Manufacturing Co., Detroit, Mich. Denture materials. Serial No. 407,943; Aug. 16. Class 44.

Drug Products Company, Inc., The, Long Island City, N. Y. Hematinic preparation. Serial No. 408,054; Aug. 16. Class 6.

Duncan Electric Manufacturing Company, Lafayette, Ind. Bearing members. Serial No. 404,838; Aug. 16. Class 26.

Dutchess Underwear Corporation, New York, N. Y. Underwear, pajamas, nightgowns, etc. Serial No. 407,584; Aug. 16. Class 39.

Dynamatic Corporation, Kenosha, Wis. Electric motors. Serial No. 407,310; Aug. 16. Class 21.

Eastern Pharmacal Co., Inc., Yonkers, N. Y. Antipyretic and analgesic preparation. Serial No. 408,312; Aug. 16. Class 6.

Eddy, Jack P., doing business as Hynes Equipment Co., Los Angeles, Calif. Liquid for preserving gut leaders. Serial No. 407,016; Aug. 16. Class 6.

Electric Household Utilities Corporation, Chicago, Ill. Clothes dryer. Serial No. 401,208; Aug. 16. Class 24.

Ellena Brothers, Etiwanda, Calif. Champagne. Serial No. 405,439; Aug. 16. Class 47.

Empire Bottling Company, Malden, Mass. Carbonated beverages and beverage syrups. Serial No. 406,419; Aug. 16. Class 45.

Enro Shirt Co., The, Louisville, Ky. Shirts, sport shirts, pajamas, etc. Serial No. 406,583; Aug. 16. Class 39.

Fingar, A. Howard, Hudson, N. Y. Live poultry and baby chicks. Serial No. 407,494; Aug. 16. Class 46.

Fishing Gazette Publishing Corp., New York, N. Y. Periodical. Serial No. 404,639; Aug. 16. Class 38.

Fouche, René P., Paris, France. Medicinal herb tea. Serial No. 405,017; Aug. 16. Class 6.

Fougera, E., & Co. Incorporated, New York, N. Y. Medicinal preparation. Serial No. 402,594; Aug. 16. Class 6.

Fox Knapp Mfg. Co., New York, N. Y. Mackinaws and sportswear. Serial No. 402,906; Aug. 16. Class 39.

Friendly Knitting Mills, Inc., Brooklyn, N. Y. Knitted sweaters. Serial No. 405,201; Aug. 16. Class 39.

Fruit Service, Inc., Boston, Mass. Pie and pastry fillings. Serial No. 404,565; Aug. 16. Class 46.

Gardiner, Robert M., San Francisco, Calif. Fish and shellfish contained in cans. Serial No. 404,041; Aug. 16. Class 46.

General Beautilities Co. (See Kremer, George.)

General Tire & Rubber Company, The, Akron, Ohio. Vacuum inducing therapeutic apparatus. Serial No. 407,373; Aug. 16. Class 44.

General Tire & Rubber Company, The, Akron, Ohio, doing business as Wabash Industries, Wabash, Ind. Baseballs. Serial No. 408,422; Aug. 16. Class 22.

Ginsberg, Isaac, & Bros., Inc., New York, N. Y. Dresses. Serial No. 406,509; Aug. 16. Class 39.

Gitlin, H. A., & Co., New York, N. Y. Satin lining fabrics. Serial No. 407,265; Aug. 16. Class 42.

Giusti, Oscar J., doing business as Co-operative Fire Works, Daly City, Calif. Firecrackers, flash bombs, torpedoes, and fireworks. Serial No. 406,758; Aug. 16. Class 9.

Grant, W. T., Company, New York, N. Y. Men's hose. Serial No. 407,221; Aug. 16. Class 39.

Grayson Heat Control, Ltd., Lynwood, Calif. Thermostats, thermostatic valves, etc. Serial No. 400,007; Aug. 16. Class 26.

Great Western Electro-Chemical Company, San Francisco, Calif. Sodium ethyl xanthate, potassium ethyl xanthate, etc. Serial No. 399,353; Aug. 16. Class 6.

Greene, Louis M., doing business as The Carter Manufacturing Company, Cleveland, Ohio. Chemical composition to prevent rust or corrosion. Serial No. 404,709; Aug. 16. Class 6.

Greenwald, Henry C., Madison, Wis. Lubricating oil compound. Serial No. 407,542; Aug. 16. Class 15.

Hall, Clyan H., doing business as Sturditoys Workshops, Pasadena, Calif. Table board game. Serial No. 407,751; Aug. 16. Class 22.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Halle Bros. Co., The, Cleveland, Ohio. Vitamin and mineral capsules. Serial No. 407,752; Aug. 16. Class 6.
Hampden Brewing Company, Willimansett, Mass. Ale and beer. Serial No. 407,223; Aug. 16. Class 48.
Heer, Walter F., doing business as The Hunter Trader Trapper Co., Columbus, Ohio. Publication. Serial No. 407,544; Aug. 16. Class 38.
Heer, Walter F., doing business as The Hunter Trader Trapper Co., Columbus, Ohio. Publication. Serial No. 405,877; Aug. 16. Class 38.
Heirloom Needlecraft Guild, Inc., New York, N. Y. Yarn. Serial No. 407,022; Aug. 16. Class 43.
Hennefer Maschinenfabrik C. Reuther & Reisert mit beschränkter Haftung, Hennef-on-the-Sieg, Germany. Weighing apparatus. Serial No. 407,546; Aug. 16. Class 26.
Hind & Harrison Plush Company, The, New York, and Clark Mills, N. Y. Plushes in the piece. Serial No. 406,249; Aug. 16. Class 42.
Hospital Specialty Company, Whitewater, Wis. Medicators. Serial No. 407,592; Aug. 16. Class 44.
Hough Shade Corporation, Janesville, Wis. Porch shades and window shades. Serial No. 408,366; Aug. 16. Class 32.
Hudson Oil Co., Kansas City, Mo. Gasoline. Serial No. 407,550; Aug. 16. Class 15.
Hunter Trader Trapper Co., The. (See Heer, Walter F.)
Hynes Equipment Co. (See Eddy, Jack P.)
International Lubricant Corporation, New Orleans, La. Petroleum products. Serial No. 393,957; Aug. 16. Class 15.
International Nickel Company, Inc., New York, N. Y. Rods, bars and wires, etc. Serial No. 407,631; Aug. 16. Class 14.
International Radio Corporation, Ann Arbor, Mich. Razors, safety razors, electric shaving razors, etc. Serial No. 406,252; Aug. 16. Class 23.
Irons & Russell Company, Providence, R. I. Jewelry. Serial No. 407,142; Aug. 16. Class 28.
Irwin, Hopwood & Company, New York, N. Y. Dresses. Serial No. 407,187; Aug. 16. Class 39.
Jadwiga Remedies, Inc., Brooklyn, N. Y. Face cream. Serial No. 398,316; Aug. 16. Class 6.
Jero Products Co., Chicago, Ill. Syrups and flavors for soft drinks and mixers. Serial No. 381,459; Aug. 16. Class 45.
K-Z Company, St. Louis, Mo. Electrically driven embalming apparatus. Serial No. 407,907; Aug. 16. Class 44.
Karmelotenkloster St. Joseph Regensburg, Regensburg, Germany. Medicinal preparation. Serial Nos. 404,715–6; Aug. 16. Class 6.
Kerr's Butter Scotch, Inc., Brooklyn, N. Y. Candy. Serial No. 397,810; Aug. 16. Class 46.
Klein & Sobelman, St. Louis, Mo. Ladies' dresses. Serial No. 399,839; Aug. 16. Class 39.
Klever Klad Frocks, Inc., New York, N. Y. Dresses of woven fabrics. Serial No. 407,351; Aug. 16. Class 39.
Knickerbocker Decalcomania, Inc., New York, N. Y. Decalcomanias. Serial No. 407,317; Aug. 16. Class 38.
Kohnstamm, H., & Co. Inc., New York, N. Y. Pigment colors and lake colors. Serial No. 398,114; Aug. 16. Class 6.
Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. Serial No. 403,267; Aug. 16. Class 49.
Kremer, George, doing business as General Beautilities Co., New York, N. Y. Hair coloring preparation. Serial No. 408,426; Aug. 16. Class 6.
Kruger, Werner, New York, N. Y. Ceramic cooking ware. Serial No. 406,077; Aug. 16. Class 30.
Laclede-Christy Clay Products Company, St. Louis, Mo. Refractory brick. Serial No. 407,836; Aug. 16. Class 12.
Lanman & Kemp-Barclay & Co., Incorporated, New York, N. Y. Soap. Serial No. 407,226; Aug. 16. Class 4.
Lefkove & Meyers, Miami, Fla. Ladies', misses', and juniors' coats and suits. Serial No. 407,634; Aug. 16. Class 39.
Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Men's and boys' suits. Serial No. 407,228; Aug. 16. Class 39.
Long, Charles L., doing business as Permaid Company, St. Louis, Mo. Permanent waving solution. Serial No. 397,540; Aug. 16. Class 6.
Lord & Taylor, New York, N. Y. Coats and overcoats. Serial No. 407,272; Aug. 16. Class 39.
Madaus, Dr., & Company, Radebeul Dresden, Germany. Pulverized medicinal herbs or plants. Serial No. 398,581; Aug. 16. Class 6.
Mallinckrodt Chemical Works, St. Louis, Mo. Dye preparation for brown patch control. Serial No. 397,367; Aug. 16. Class 6.
Manlove, William E., doing business as Manloves Laboratories, Norfolk, Va. Preparation for headaches, neuralgia, colds, and fever. Serial No. 404,535; Aug. 16. Class 6.
Massengill, S. E., doing business as The S. E. Massengill Company, Bristol, Tenn. Pharmaceutical drugs and preparations. Serial No. 405,124; Aug. 16. Class 6.
McFadden, Norma R., assignor to George J. Smith and Emil Metschan, Kansas City, Mo. Absorption pad. Serial No. 400,780; Aug. 16. Class 44.
McKesson Appliance Co., The, Toledo, Ohio. Diagnostic apparatus. Serial No. 407,956; Aug. 16. Class 44.
Meloy Mfg. Co., The. (See Steele, Alice N.)
Menasha Products Company, Menasha, Wis. Paper receptacles. Serial No. 407,069; Aug. 16. Class 2.
Metschan, Emil. (See Smith, George J., and Emil Metschan.)
Metzger & Cohen, New York, N. Y. Ladies' and misses' coats and suits. Serial No. 406,065; Aug. 16. Class 39.
Micro-Westco, Inc., Bettendorf, Iowa. Sliding machine blades. Serial No. 407,466; Aug. 16. Class 23.
Monowatt Electric Corporation, The, Providence, R. I. Electric wiring devices. Serial No. 406,522; Aug. 16. Class 21.
Morris, J., & Co., Inc., Brooklyn, N. Y. Christmas tree decorative lighting outfits. Serial No. 405,078; Aug. 16. Class 21.
Mueller Furniture Co., Grand Rapids, Mich. Upholstered chairs and settees. Serial No. 408,071; Aug. 16. Class 32.
Mundial Corporation, Philadelphia, Pa. Binder twine. Serial No. 407,636; Aug. 16. Class 7.
Myers, E. A., & Sons, Mount Lebanon, Pittsburgh, Pa. Electrically operable hearing aids. Serial No. 408,200; Aug. 16. Class 44.
Myers, E. A., & Sons, Mount Lebanon, Pittsburgh, Pa. Electrically operated apparatus for prescribing audiphones. Serial No. 408,201; Aug. 16. Class 44.
National Cellulose Corporation, New York, N. Y. Sanitary napkins. Serial No. 407,554; Aug. 16. Class 44.
National Die Casting Sales Corp., Chicago, Ill. Fruit juice extractors. Serial No. 402,197; Aug. 16. Class 23.
National Dyeing and Printing Company, East Paterson, N. J. Piece goods. Serial No. 408,073; Aug. 16. Class 42.
Nirenberg & Salzman, Inc., New York, N. Y. Shirts, pajamas, sweaters, etc. Serial No. 399,673; Aug. 16. Class 39.
North American Fibre Products Company, The, Cleveland, Ohio. Liquid compound for elimination and prevention of rust, scale, erosion, etc. Serial No. 404,010; Aug. 16. Class 6.
Northwest Apple Exporters, Yakima, Wash. Fresh deciduous fruits. Serial No. 407,439; Aug. 16. Class 46.
Optikotechna Společnost s R. O., Prerov, Czechoslovakia. Trichinoscopes, lamps for medical purposes. Serial No. 405,976; Aug. 16. Class 44.
Packard Dresses, Inc., New York, N. Y. Piece goods. Serial No. 407,556; Aug. 16. Class 42.
Palay, S. T. Textile Corporation, New York, N. Y. Finished piece goods. Serial Nos. 407,277–8; Aug. 16. Class 42.
Paramount Products Co. (See Ball, Anson.)
Parke, Davis & Company, Detroit, Mich. Bile preparation. Serial No. 406,653; Aug. 16. Class 6.
Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Board game. Serial No. 408,323; Aug. 16. Class 22.
Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Motor oil. Serial No. 407,243; Aug. 16. Class 15.
Peck, George, (Leicester) Limited, Leicester, England. Cardigans and pullover sweaters. Serial No. 388,725; Aug. 16. Class 39.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Comforts. Serial No. 404,539; Aug. 16. Class 42.
Pensiar Company, The, Detroit, Mich. Feminine hygiene powder (vaginal douche). Serial No. 407,158; Aug. 16. Class 6.
Permaid Company. (See Long, Charles L.)
Permatex Company, Inc., Brooklyn, N. Y. Lubricating oil. Serial No. 398,170; Aug. 16. Class 15.
Piccadilly Hosiery Mills, Philadelphia, Pa. Hosiery. Serial No. 405,892; Aug. 16. Class 39.
Pilley, Frank, & Sons, Inc., Omaha, Nebr. Eggs, dressed poultry, ice cream, etc. Serial No. 400,354; Aug. 16. Class 46.
Pillsbury Flour Mills Company, Minneapolis, Minn. Farina. Serial Nos. 405,909–10; Aug. 16. Class 46.
Pollack, Jacob, & Sons, New York, N. Y. Overcoats and topcoats. Serial No. 403,961; Aug. 16. Class 39.
Popmatic Manufacturing Company, St. Louis, Mo. Popcorn. Serial No. 404,583; Aug. 16. Class 46.
Pressla, Murray, New York, N. Y. Blouses. Serial No. 404,775; Aug. 16. Class 39.
Procter & Gamble Company, The, Cincinnati, Ohio. Washing powder. Serial No. 407,326; Aug. 16. Class 4.
Raynit Mills, West New York, N. J. Piece goods. Serial Nos. 407,246–7; Aug. 16. Class 42.
Rayon Corporation of America, Allentown, Pa. Knitted rayon materials. Serial No. 407,470; Aug. 16. Class 42.
Remington Rand Inc., Buffalo, N. Y. Accounting machines; card and tape punches; etc. Serial No. 398,493; Aug. 16. Class 26.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Rex Electric Company, Brooklyn, N. Y. Photographic apparatus. Serial No. 407,605; Aug. 16. Class 26.
Rice, Doran, Alton, Ill. Game. Serial No. 407,690; Aug. 16. Class 22.
Robilio & Cuneo, Memphis, Tenn. Macaroni dinner. Serial No. 406,152; Aug. 16. Class 46.
Roman Stripe Mills, Inc., Easton, Pa., and New York, N. Y. Hosiery. Serial No. 406,303; Aug. 16. Class 39.
Romer, Frank, Washington, D. C. Special featured column. Serial No. 406,030; Aug. 16. Class 38.
Ronan, T. J., & Co. Inc., New York, N. Y. Paint enamels, an undercoating and a thinner. Serial No. 402,827; Aug. 16. Class 16.
Rooney, John H., Providence, R. I. Game. Serial No. 407,480; Aug. 16. Class 22.
Ross, Dr. W. J., Co., Los Alamitos, Calif. Canned dog food. Serial No. 407,331; Aug. 16. Class 46.
Rux Products Co. (See Burnstein, Louis.)
Samoorian, Melkon M., Somerville, Mass. Cigarettes. Serial No. 399,531; Aug. 16. Class 17.
Schenley Import Corporation, New York, N. Y. Wines. Serial No. 400,572; Aug. 16. Class 47.
Schlamp, Fred J., Queens, Long Island, N. Y. Coffee. Serial No. 403,878; Aug. 16. Class 46.
Shaler Company, The, Waupun, Wis. Motor gum solvent. Serial No. 396,751; Aug. 16. Class 6.
Sinclair, H. V., doing business as Universal Kemico Company, Rochester, N. Y. Medicine. Serial No. 403,974; Aug. 16. Class 6.
Sioux Honey Association, Cooperative, doing business as Clovermaid Products Co., Sioux City, Iowa. Honey. Serial No. 407,389; Aug. 16. Class 46.
Smart Deb Frocks, Inc., New York, N. Y. Dresses, suits, coats, etc. Serial No. 406,403; Aug. 16. Class 39.
Smith, George J., and Emil Metschan. (See McFadden, Norma R., assignor.)
Smith, Marion J. E., New York, N. Y. Purse kit. Serial No. 405,225; Aug. 16. Class 3.
Sohari, Inc., St. Louis, Mo. Handbags, pocketbooks, and purses. Serial No. 407,921; Aug. 16. Class 3.
Sonotone Corporation, Elmsford, N. Y. Hearing-aid devices and acoustic elements and accessories thereof. Serial No. 406,991; Aug. 16. Class 44.
Specht, Claire L., doing business as Vegetable Products Co., Rochester, N. Y. Foods. Serial No. 403,616; Aug. 16. Class 46.
Stanley Laboratories, Inc., Portland, Oreg. Sanitary napkins. Serial No. 407,162; Aug. 16. Class 44.
Steele, Alice N., doing business as The Meloy Mfg. Co., Miami, Fla. Cold cream. Serial No. 407,040; Aug. 16. Class 6.
Stern, Mayer, Undergarment Co., Inc., New York, N. Y. Panties, stepins, bloomers, etc. Serial No. 400,115; Aug. 16. Class 39.
Street, R. R., & Co., Inc., Chicago, Ill. Dry cleaning compound. Serial No. 407,394; Aug. 16. Class 4.
Strathmore Paper Company, West Springfield, Mass. Blue-print and drawing papers. Serial No. 406,737; Aug. 16. Class 37.
Sturditoys Workshop. (See Hall, Clyan H.)
Superwarmer Corporation, Newtonville, Mass. Bed conditioners. Serial No. 400,136; Aug. 16. Class 44.
Swift and Company, Chicago, Ill. Butter. Serial No. 407,336; Aug. 16. Class 46.
Swift and Company, Chicago, Ill. Glue. Serial No. 407,696; Aug. 16. Class 5.
System Machine Company, Wilmington, Calif. Reels for winding and cutting cellophane webs. Serial No. 402,349; Aug. 16. Class 23.
Tangent Oil Cup Co., Seattle, Wash. Oil cups. Serial No. 407,697; Aug. 16. Class 23.
Targ and Dinner, Inc., Chicago, Ill. Musical instruments and accessories. Serial No. 404,872; Aug. 16. Class 36.
Ten Crown Gum Co., Inc., Naugatuck, Conn. Chewing gum. Serial No. 387,764; Aug. 16. Class 46.
Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware and hollow ware. Serial No. 406,471; Aug. 16. Class 28.
Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware and hollow ware. Serial No. 406,479; Aug. 16. Class 28.
Trailer Company of America, The, Cincinnati, Ohio. Trailers. Serial No. 399,811; Aug. 16. Class 19.
Transportation News Publishing Co., Inc., New York, N. Y. Newspaper. Serial No. 407,450; Aug. 16. Class 38.
United Elastic Corporation, Easthampton, Mass. Woven elastic fabrics. Serial No. 395,689; Aug. 16. Class 42.
Universal Kemico Company. (See Sinclair, H. V.)
Vegetable Products Co. (See Specht, Claire L.)
Ver Halen, Charles J., doing business as Ver Halen Publications, Los Angeles, Calif. Magazine. Serial No. 406,662; Aug. 16. Class 38.
Viver Chemical Company, Carthage, N. Y. Nerve tonic. Serial No. 408,255; Aug. 16. Class 6.
Voinvienti-Osuusliike Valio r. L., Helsingfors, Finland. Cheese. Serial No. 406,609; Aug. 16. Class 46.
Vulcan Iron & Wire Works, Detroit, Mich. Floor grating and open steel flooring. Serial No. 407,743; Aug. 16. Class 12.
Wabash Industries. (See General Tire & Rubber Company, The.)
Wamsutta Mills, New Bedford, Mass. Shirts, shorts, slacks, etc. Serial No. 407,402; Aug. 16. Class 39.
Wamsutta Mills, New Bedford, Mass. Cotton piece goods, sheets, and pillow cases. Serial No. 407,925; Aug. 16. Class 42.
Wamsutta Mills, New Bedford, Mass. Cotton piece goods, sheets, and pillow cases. Serial No. 407,927; Aug. 16. Class 42.
Wathen Brothers, Bardstown, Ky. Whiskey, gin, rum, etc. Serial No. 408,140; Aug. 16. Class 49.
Watkins, J. R., Company, The, Winona, Minn. Newspaper column. Serial No. 405,903; Aug. 16. Class 38.
Webb Laboratories, Inc., Schenectady, N. Y. Flavored liquid preparation. Serial No. 406,360; Aug. 16. Class 6.
Werts Novelty Company, Incorporated, Muncie, Ind Games. Serial No. 407,964; Aug. 16. Class 22.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric fans. Serial No. 407,570; Aug. 16. Class 21.
White, F. H., Company, The, Philadelphia, Pa. Traveling bags. Serial No. 407,833; Aug. 16. Class 3.
Wiesen, Max, & Sons Co. Inc., New York, N. Y. Misses' dresses. Serial No. 401,357; Aug. 16. Class 39.
Williamson Candy Company, Chicago, Ill. Candy. Serial No. 407,573; Aug. 16. Class 46.
Winthrop Chemical Company, Inc., New York, N. Y. Synthetic crystalline vitamin B_1. Serial No. 407,614; Aug. 16. Class 6.
Who and When Company, Louisville, Ky. Directory of manufacturers, businesses, buyers, and sellers. Serial No. 406,700; Aug. 16. Class 38.
Wright, Rose B., Washington, D. C. Salve and liniment. Serial No. 406,539; Aug. 16. Class 6.
Younker Brothers, Inc., Des Moines, Iowa. Ladies' silk hosiery. Serial No. 406,569; Aug. 16. Class 39.
Zekaria Brothers, New York, N. Y. Textile fabrics. Serial No. 408,000; Aug. 16. Class 42.

LIST OF REGISTRANTS OF TRADE-MARKS

Acme Backing Corporation, New York and Brooklyn, N. Y. Processed piece goods. 359,406; Aug. 16; Serial No. 405,004; published June 7, 1938. Class 50.
Aerial Explorations, Inc., Long Island City, N. Y. Measuring instrument. 359,385; Aug. 16; Serial No. 404,025; published June 7, 1938. Class 26.
American Core-Twine Company, to American Core-Twine Corporation, Boston, Mass., successor. Twines, clothes-lines, and seaming-cords. 123,010; renewed Oct. 8, 1938.
American Temperature Indicating Company, The, Toledo, Ohio. Indicating, recording, and control instruments. 359,386; Aug. 16; Serial No. 404,026; published June 7, 1938. Class 26.
Angelos, William G., doing business as Pop Scotch Co., Freeport, Ill. Popcorn candy confection. 359,355; Aug. 16; Serial No. 399,220; published Apr. 26, 1938. Class 46.
Aron, J., & Company, Inc., New Orleans, La. Sugar. 359,361; Aug. 16; Serial No. 401,423; published May 31, 1938. Class 46.
Aronson-Caplin Company, Inc., New York, N. Y. Women's apparel. 359,424; Aug. 16. Class 39.
Atlas Canning Company, Inc., New York and Glendale, N. Y. Canned food for dogs, cats, etc. 359,408; Aug. 16; Serial No. 405,052; published June 7, 1938. Class 46.
Awad, John E., Bethel, Conn. Fur skins. 359,395; Aug. 16; Serial No. 404,346; published June 7, 1938. Class 1.
Bakelite Corporation. (See Redmanol Chemical Products Co., assignor.)
Baltimore Pure Rye Distilling Company, The, Dundalk, Md. Pure rye whiskey. 359,392–3; Aug. 16; Serial Nos. 404,286–7; published June 7, 1938. Class 49.
Barrett-Cravens Company, Chicago, Ill. Material handling equipment. 359,340; Aug. 16; Serial No. 390,348; published June 7, 1938. Class 23.
Barteldes Seed Company, The, Lawrence, Kans. Pop corn in its natural state. 359,350; Aug. 16; Serial No. 396,441; published June 7, 1938. Class 46.

Berkson Bros., Inc., Chicago, Ill. A to Z index guides, art gum erasers, blotters, etc. 359,344; Aug. 16; Serial No. 391,681; published Feb. 8, 1938. Class 37.
Birmingham Woodenware Company, Birmingham, Ala. Toilet tissue and toilet paper. 359,387; Aug. 16; Serial No. 404,071; published June 7, 1938. Class 37.
Birth-Dated Calendar Company, The. (See Shields, Robert W.)
Blechman, S., & Sons, Inc., New York, N. Y. Blankets, quilts, and carriage covers. 359,412; Aug. 16; Serial No. 405,286; published June 7, 1938. Class 42.
Borges, Bernardino J., Lisbon, Portugal. Preserved fish and pickled olives. 359,348; Aug. 16; Serial No. 395,120; published June 7, 1938. Class 46.
Bowes Seal Fast Corporation, Indianapolis, Ind. Portable patching kits and casing patches. 359,422; Aug. 16. Class 35.
Burkhardt Brewing Co., The, Akron, Ohio. Ale. 359,438; Aug. 16. Class 48.
Carnegie, Hattie, Inc., New York, N. Y. Jewelry. 359,440; Aug. 16. Class 28.
Carr's Inc., Janesville, Wis. Coffee. 359,380; Aug. 16; Serial No. 403,579; published June 7, 1938. Class 46.
Castype Corporation, Chicago, Ill. Type casting and setting machines, matrices, typewriters. 359,434; Aug. 16. Class 23.
Cheney Brothers, South Manchester, Conn. Spun-silk yarn, machine-twist knitting-silk, reeled silk, etc. 122,437; renewed Aug. 20, 1938.
Clapp, Otis, & Son Inc., assignor to Otis Clapp & Son, Inc., Boston, Mass. Preparation for the treatment of diseases and affections. 123,938; renewed Dec. 24, 1938.
Cleary, W. A., Corporation, New Brunswick, N. J. Vegetable oil. 359,360; Aug. 16; Serial No. 400,590; published June 7, 1938. Class 46.
Coffee Products Corporation, New York, N. Y. Glass containers. 359,349; Aug. 16; Serial No. 396,297; published June 7, 1938. Class 2.
Collins & Aikman Corporation, Philadelphia, Pa., and New York, N. Y. Pile fabrics. 359,426; Aug. 16. Class 42.
Colonial Lumber Specialties, Inc., Jersey City, N. J. Wooden shingles. 359,425; Aug. 16. Class 12.
Communication Instruments, Inc., New York, N. Y. Electrical and radio instruments and devices. 359,334; Aug. 16; Serial No. 382,973; published June 7, 1938. Class 26.
Como-Cleen Company, The. (See London, David.)
Continental Oil Company, Ponca City, Okla. Lubricating oil. 359,371; Aug. 16; Serial No. 402,894; published Apr. 12, 1938. Class 15.
Cordon, Wolf, Cowen Co., Inc., New York, N. Y. Candy. 124,096; renewed Jan. 14, 1939.
Cronin China Company, The, Minerva, Ohio. Dishes. 359,437; Aug. 16. Class 30.
Crosse & Blackwell Company, The. (See Green Spring Valley Club Wine and Distilling Company, The, assignor.)
Crown Glove Company, assignor to Julius Kayser & Co., New York, N. Y. Fabric gloves. 123,210; renewed Oct. 22, 1938.
Cyclone Seeder Company, The, Urbana, Ind. Hand seed sowers. 359,390; Aug. 16; Serial No. 404,205; published June 7, 1938. Class 23.
Debrie, André L. V. C., doing business as Etablissements André Debrie, Paris, France. Cinematographic apparatus. 359,370; Aug. 16; Serial No. 402,851; published June 7, 1938. Class 26.
Dell Publishing Company, Inc., New York, N. Y. Section of a magazine. 359,427; Aug. 16. Class 38.
De Mott, Helen B., Santa Barbara, Calif. Shoe bags. 359,357; Aug. 16; Serial No. 400,050; published June 7, 1938. Class 2.
Detroit Creamery Company. (See Grand Ledge Milk Co.)
Dezauche & Son, Opelousas, La. Fresh vegetables. 359,401; Aug. 16; Serial No. 404,887; published June 7, 1938. Class 46.
Dictograph Products Company, Inc., New York, N. Y. Radio and telephone receiving devices and equipment and parts thereof. 359,353; Aug. 16; Serial No. 398,098; published June 7, 1938. Class 21.
Electro-Medical Laboratory, Inc., Holliston, Mass. Amplifying and oscillograph recording systems. 359,375; Aug. 16; Serial No. 403,236; published June 7, 1938. Class 26.
Etablissements André Debrie. (See Debrie, André L. V. C.)
Farino Fuel Corporation, Shreveport, La. Gasoline and fuel oil. 359,376; Aug. 16; Serial No. 403,248; published Apr. 19, 1938. Class 15.
Farm Tools, Inc., Mansfield, Ohio. Disc harrows. 359,372; Aug. 16; Serial No. 402,939; published June 7, 1938. Class 23.
Finch, Joseph S., and Company, New York, N. Y., and Schenley, Pa. Whiskey, gin, rum, brandy, etc. 359,419; Aug. 16; Serial No. 405,551; published June 7, 1938. Class 49.
Fort Dodge Grocery Company, Fort Dodge, Iowa. Foods. 122,456; renewed Aug. 20, 1938.
Fry, Lloyd A., Roofing Co., Chicago, Ill. Roofing material. 359,345; Aug. 16; Serial No. 391,755; published May 24, 1938. Class 12.
Goldmark, Adolph, & Sons Corp., New York, N. Y. Olives, olive oil, spices, etc. 359,382; Aug. 16; Serial No. 403,683; published June 7, 1938. Class 46.
Grand Ledge Milk Co., to Detroit Creamery Company, Detroit, Mich., successor. Evaporated milk. 122,272; renewed July 16, 1938.
Great Eastern Industrial Co., also doing business as Great Eastern Food Products Company, Los Angeles, Calif. Soy cheese, soy milk, soy cake, etc. 359,377; Aug. 16; Serial No. 403,311; published June 7, 1938. Class 46.
Greene, Albert M., Ashland, Mass. Fresh peaches. 359,356; Aug. 16; Serial No. 399,964; published June 7, 1938. Class 46.
Green Spring Valley Club Wine and Distilling Company, The, assignor to The Crosse & Blackwell Company, Baltimore, Md. Straight rye whiskey and blends of straight rye whiskey. 359,332; Aug. 16; Serial No. 375,529; published Oct. 20, 1936. Class 49.
Gruen Watch Company, The, Cincinnati and Time Hill, Cincinnati, Ohio. Wrist watches. 359,417; Aug. 16; Serial No. 405,388; published Jue 7, 1938. Class 27.
Haig & Haig Limited, Glasgow, Scotland. Scotch whisky. 359,367; Aug. 16; Serial No. 402,092; published June 7, 1938. Class 49.
Hall, Burton, New York, N. Y. Stretchable fabric. 359,384; Aug. 16; Serial No. 403,766; published June 7, 1938. Class 42.
Hall, Franklin H., Kenton, Ohio. Concentrated preparation for making a nutritious and nourishing food beverage. 359,347; Aug. 16; Serial No. 393,534; published June 7, 1938. Class 46.
Heberlee, Isabelle F., doing business as Heberlee's Air-Lite Bedding Co., Seattle, Wash. Filled comforters and blankets. 359,397; Aug. 16; Serial No. 404,759; published June 7, 1938. Class 42.
Hebrew National Kosher Sausage Company, Inc., New York, N. Y. Various forms of sausage. 359,368; Aug. 16; Serial No. 402,150; published June 7, 1938. Class 46.
Herbert Hosiery Mills, Inc., Norristown, Pa. Hosiery and underwear. 359,423; Aug. 16. Class 39.
Hess, George A., Pittsburgh, Pa. Weiners. 359,421; Aug. 16. Class 46.
Hill, F. H., Co., Chicago, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Metal burial-caskets. 122,703; renewed Sept. 10, 1938.
Hodges Carpet Company, Indian Orchard, Mass. Woven fiber fabrics. 359,413; Aug. 16; Serial No. 405,298; published June 7, 1938. Class 42.
International Mutoscope Reel Co. Inc., New York, N. Y. Electrically operated advertisement display devices. 359,337; Aug. 16; Serial No. 389,462; published June 7, 1938. Class 21.
Irving Iron Works Company, Long Island City, N. Y. Panels of steel grating. 359,442; Aug. 16. Class 12.
Jamestown Worsted Mills, Jamestown and New York, N. Y. Woolen and worsted piece goods. 359,402; Aug. 16; Serial No. 404,899; published June 7, 1938. Class 42.
Jones, Dramin D., Jersey City, N. J. Radio broadcasting apparatus, speech input and public address equipment, etc. 359,336; Aug. 16; Serial No. 387,787; published June 22, 1937. Class 21.
Jordan Marsh Company, Boston, Mass. Refrigerators. 359,383; Aug. 16; Serial No. 403,693; published June 7, 1938. Class 31.
Kayser, Julius, & Co. (See Crown Glove Company, assignor.)
Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 124,008; renewed Dec. 31, 1938.
King Features Syndicate, Inc. (See Star Company, assignor.)
Lang, C. C., & Son, Inc., Baltimore, Md. Pickles, pickled onions, and sweet relishes, etc. 359,378; Aug. 16; Serial No. 403,550; published June 7, 1938. Class 46.
Lenox, Incorporated, Trenton, N. J. Bric-a-brac. 359,381; Aug. 16; Serial No. 403,655; published June 7, 1938. Class 50.
Lombardi Wine Company, Los Angeles, Calif. Wines. 359,443; Aug. 16. Class 47.
London & Company, Inc., Elizabeth, N. J. Bourbon whiskey. 359,409; Aug. 16; Serial No. 405,123; published June 7, 1938. Class 49.
London, David, doing business as The Como-Cleen Company, Baltimore, Md. General cleaner for combs, brushes, and the like. 359,436; Aug. 16. Class 4.
Macy, R. H., & Co., Inc., New York, N. Y. Typewriters, knives, spatulae, etc. 359,399; Aug. 16; Serial No. 404,860; published June 7, 1938. Class 23.
Many, Blanc & Co., Inc., Chicago, Ill. Blended Scotch type whiskey, gin, cordials, etc. 359,342; Aug. 16; Serial No. 391,483; published June 14, 1938. Class 49.
Match King, Inc., Chicago, Ill. Electric razors. 359,403; Aug. 16; Serial No. 404,946; published June 7, 1938. Class 23.
McCoy, Joseph E., M. D. and Company, Thief River Falls, Minn. Medicinal preparation. 359,441; Aug. 16. Class 6.
Mecca Citrus Association, Mecca, Calif. Fresh citrus fruit, grapes, and fresh dates. 359,429; Aug. 16. Class 46.
Meier & Frank Company, Inc., Portland, Oreg. Ruffled and tailored curtains, hand-tailored bedspreads, piece goods, etc. 359,352; Aug. 16; Serial No. 397,858; published Jan. 25, 1938. Class 42.

Michigan Bean Company, Saginaw, Mich. Navy beans. 359,398; Aug. 16; Serial No. 404,815; published June 7, 1938. Class 46.
Midland Flour Milling Company, The, Kansas City, Mo. Wheat flour. 359,416; Aug. 16; Serial No. 405,365; published June 7, 1938. Class 46.
Mutual Orange Distributors, Redlands, Calif. Canned citrus juices for beverage purposes. 359,414; Aug. 16; Serial No. 405,313; published June 7, 1938. Class 45.
New England Fibre Blanket Company, Worcester, Mass. Cloth. 359,391; Aug. 16; Serial No. 404,260; published June 7, 1938. Class 42.
Old Quaker Company, The, Lawrenceburg, Ind. Whiskey, gin, rum, brandy, etc. 359,418; Aug. 16; Serial No. 405,459; published June 7, 1938. Class 49.
Pacific Coast Nut House, San Jose, Calif. Walnuts and almonds. 359,362; Aug. 16; Serial No. 401,540; published May 24, 1938. Class 46.
Paddington Corporation, The, New York, N. Y. Whiskies; gin, rum, etc. 359,407; Aug. 16; Serial No. 405,034; published June 7, 1938. Class 49.
Patti Bros. Accordion Mfg. Co., Milwaukee, Wis. Accordions. 359,358; Aug. 16; Serial No. 400,170; published June 7, 1938. Class 36.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Prepared dessert powders. 359,369; Aug. 16; Serial No. 402,693; published June 7, 1938. Class 46.
Penn Dry Goods Company, Philadelphia, Pa. Woolen blankets. 359,365; Aug. 16; Serial No. 401,755; published June 7, 1938. Class 42.
Pennsylvania Distilling Co., Inc., Logansport, Pa. Whiskey. 359,420; Aug. 16; Serial No. 405,889; published June 7, 1938. Class 49.
Pop Scotch Co. (See Angelos, William G.)
Quarzlampen Gesellschaft mit beschränkter Haftung, Hanau, Germany. Apparatus for making prints. 359,351; Aug. 16; Serial No. 397,299; published June 7, 1938. Class 26.
Redmanol Chemical Products Co., Chicago, Ill., assignor to Bakelite Corporation, New York, N. Y. Phenolic condensation product. 122,529; renewed Aug. 20, 1938.
Revlon Nail Enamel Corporation, The, New York, N. Y. Enamel adapted for coating finger nails. 359,430–1; Aug. 16. Class 6.
Rolls-Royce Limited, Toronto, Ontario, Canada, assignor, by mesne assignments, to Rolls-Royce Limited, London, England. Automobiles. 122,913; renewed Sept. 24, 1938.
Royal Packing Co., Los Angeles, Calif. Preserved peeled chile and preserved California pimientos. 359,331; Aug. 16; Serial No. 370,965; published June 7, 1938. Class 46.
Ruberoid Co., The Boundbrook, N. J., and New York, N. Y. Rock wool bats. 359,428; Aug. 16. Class 12.
Rubinstein, Helena. (See Titus, Helana J., assignor.)
Saco-Lowell Shops, Boston, Mass., assignor to Saco-Lowell Shops, Biddeford, Maine. Weighting systems. 359,354; Aug. 16; Serial No. 398,292; published June 7, 1938. Class 23.
Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Spades, rakes, crowbars, etc. 359,373; Aug. 16; Serial No. 403,018; published June 7, 1938. Class 23.
Saratoga Cereal Products, Inc., Ballston Lake, N. Y. Cereal products. 359,435; Aug. 16. Class 46.
Schafer Company The, Decatur, Ind. Harness, bridles, lines, etc. 359,346; Aug. 16; Serial No. 393,233; published Dec. 21, 1937. Class 3.
Schwarzenbach Huber Company, The, New York, N. Y. Broad silks and satins in the piece. 122,746; renewed Sept. 10, 1938.
Shawnigan Products Corporation, New York, N. Y. Polyvinyl acetate resins. 359,410; Aug. 16. Serial No. 405,136; published June 7, 1938. Class 1.
Shields, Robert W., doing business as The Birth-Dated Calendar Company, Parma, Ohio. Calendars. 359,439; Aug. 16. Class 38.
Siegel, A., & Sons, Inc., New York, N. Y. Cigars. 359,404; Aug. 16; Serial No. 404,956; published June 7, 1938. Class 17.
Southern Grocery Stores, Inc., Atlanta, Ga. Self-rising flour. 359,415; Aug. 16; Serial No. 405,326; published June 7, 1938. Class 46.
Spra-O-Way Products Co., Seattle, Wash. Fluid for cleaning and removing dirt from fabrics. 359,364; Aug. 16; Serial No. 401,682; published June 7, 1938. Class 4.
Star Company, assignor, by mesne assignments, to King Features Syndicate, Inc., New York, N. Y. Newspaper-sections. 123,864; renewed Dec. 10, 1938.
Stein, S., & Co., New York, N. Y. Woolen goods. 359,341; Aug. 16; Serial No. 390,424; published June 7, 1938. Class 42.
Stieff, Chas. M., Incorporated, Baltimore, Md. Pianos. 359,400; Aug. 16; Serial No. 404,869; published June 7, 1938. Class 36.
Superlatex Products Inc., New York, N. Y. Products made from a latex composition. 359,374; Aug. 16; Serial No. 403,062; published June 7, 1938. Class 50.
Super-Power Spark Plug Co., Oakland, Calif. Spark plugs. 359,339 Aug. 16; Serial No. 390,187; published June 7, 1938. Class 21.
Syracuse Smelting Works, Brooklyn, N. Y. Babbitt metal. 124,054; renewed Dec. 31, 1938.
Tex-O-Kan Flour Mills Company, Dallas, Tex. Wheat flour. 359,366; Aug. 16; Serial No. 402,034; published June 7, 1938. Class 46.
Titus, Helena J., assignor to Helena Rubinstein, Inc., New York, N. Y. Pharmaceutical preparations. 122,399; renewed July 30, 1938.
Trinity Portland Cement Company, Chicago, Ill. Cement. 359,394; Aug. 16; Serial No. 404,334; published May 31, 1938. Class 12.
Union Paper and Twine Company, The, Cleveland, Ohio. Wrapping-paper. 122,291; renewed July 16, 1938.
Union Paper and Twine Company, The, Cleveland, Ohio. Toilet-paper. 122,292; renewed July 16, 1938.
United Feature Syndicate, Inc., New York, N. Y. Comic drawings. 359,433; Aug. 16. Class 38.
United States Products Corporation, Ltd., San Jose, Calif. Fruit juices for beverage purposes. 359,343; Aug. 16; Serial No. 391,598; published June 15, 1938. Class 45.
Universal Camera Corporation, New York, N. Y. Photographic lenses. 359,405; Aug. 16; Serial No. 404,968; published June 7, 1938. Class 26.
Voorhees Rubber Mfg. Co., Jersey City, N. J., assignor, by mesne assignments, to Voorhees Rubber Mfg. Co., Inc., New York, N. Y. Rubber hose and hose. 123,871; renewed Dec. 10, 1938.
Walgreen Co., Chicago, Ill. Electric curling irons, and electric food mixers. 359,333; Aug. 16; Serial No. 380,370; published Mar. 23, 1937. Class 21.
Washington Breweries, Inc., Columbus, Ohio. Beer. 359,396; Aug. 16; Serial No. 404,594; published June 7, 1938. Class 48.
Weidlich Sterling Spoon Co., Bridgeport, Conn. Silverware; gold and silver plated ware. 359,432; Aug. 16; Class 28.
Weslaco Citrus Association, Weslaco, Tex. Fresh citrus fruits. 359,363; Aug. 16; Serial No. 401,635; published June 7, 1938. Class 46.
Western Grain Company, Birmingham, Ala. Horse and mule feed, cow feed, laying mash, etc. 359,338; Aug. 16; Serial No. 389,955; published June 8, 1937. Class 46.
Western Grain Company, Birmingham, Ala. Hominy feed for stock and supplement for dairy feed. 359,388; Aug. 16; Serial No. 404,143; published May 31, 1938. Class 46.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combination shelves and storage bin covers in refrigerators. 359,411; Aug. 16; Serial No. 405,277; published June 7, 1938. Class 31.
Wieland, C. J., & Son, Inc., Chicago, Ill. Milk, cream, buttermilk, etc. 359,335; Aug. 16; Serial No. 383,244; published June 7, 1938. Class 46.
Willson Products, Inc., Reading, Pa. Protection glass for sight openings of helmets and goggles. 359,389; Aug. 16; Serial No. 404,149; published June 7, 1938. Class 26.
Windsor Lloyd Products, Inc., Wilmington, Del. Razor blades. 359,379; Aug. 16; Serial No. 403,573; published June 7, 1938. Class 23.
Woodford County Distillery Co., Incorporated, St. Louis, Mo. Whiskey. 359,359; Aug. 16; Serial No. 400,268; published Jan. 25, 1938. Class 49.

LIST OF REGISTRANTS OF LABELS

Arnaud's Restaurant. (See Cazenave, Leon A.)
Auburn Fruit Exchange, Auburn, Calif. Donner. For Mountain Bartletts. 51,606; Aug. 16.
Bielzoff, D. J., Products Co., Chicago, Ill. Red Horse Romacia. For Rum. 51,607; Aug. 16.
Bielzoff, D. J., Products Co., Chicago, Ill. Red Horse Sloe Gin. For Sloe Gin. 51,608; Aug. 16.
Bodey, H. W., Ocean City, Wash. Ocean City, Grays Harbor, Minced Razor Clams. For Minced Razor Clams. 51,609; Aug. 16.
Bradbury, Stella D., doing business as Sunside Farm Co., Acton, Mass. Sunside Farm Co. For Real Apple Jelly. 51,610; Aug. 16.
Cazenave, Leon A., doing business as Arnaud's Restaurant, New Orleans, La. Arnaud's Sauce. For Sauce for Shrimp, Other Sea Food, Hors D'Oeuvres, etc. 51,611; Aug. 16.
Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 51,612; Aug. 16.
Cleveland Coffee Company, Houston, Tex. Battlefield. For Coffee. 51,613; Aug. 16.
Comly, Inc., Philadelphia, Pa. Comly Cel-O-Cee Displays. For Transparent Window Box Displays. 51,614; Aug. 16.
Comly, Inc., Philadelphia, Pa. Comly Com-Pac Nesting. For Nesting Boxes. 51,615; Aug. 16.

Crown Zellerbach Corporation, San Francisco, Calif. Crown News. For News. 51,616–17; Aug. 16.
Eilert Brewing Company, The, Cleveland, Ohio. All American. For Beer. 51,618; Aug. 16.
Golden Glint Company, Inc., Seattle, Wash. Golden Glint. For a Hair Rinse for Blondes. 51,619; Aug. 16.
Golden Glint Company, Inc., Seattle, Wash. Golden Glint. For a Hair Rinse for Auburn Shades. 51,620; Aug. 16.
Golden Glint Company, Inc., Seattle, Wash. Golden Glint. For a Shampoo. 51,621; Aug. 16.
Henegar Bros., Pulaski, Tenn. Tennessee Valley. For Butter. 51,622; Aug. 16.
Hoague-Sprague Corporation, Lynn, Mass. The Co-Operative Shoe. For Boxes. 51,623; Aug. 16.
Hoague-Sprague Corporation, Lynn, Mass. Morse Shoes. For Boxes. 51,624; Aug. 16.
Kingly Neckwear Company, Chicago, Ill. Debonair Tie-Kerchief Ensemble. For Tie and Kerchief Ensembles. 51,625; Aug. 16.
Komar, Charles, & Sons, New York, N. Y. The All American Slip. For Slips. 51,626; Aug. 16.
Krembs, Ottmar M., doing business as Krembs & Company, Chicago, Ill. Fluxine Chart. For Fluxes, Rods and Spelters for Joining Metals. 51,627; Aug. 16.
Mead Johnson & Company, Evansville, Ind. Mead's Thiamin Chloride Tablets. For Thiamin Chloride Tablets. 51,628; Aug. 16.
Mead Johnson & Company, Evansville, Ind. Mead's Nicotinic Acid Tablets. For Nicotinic Acid Tablets. 51,629; Aug. 16.
Mead Johnson & Company, Evansville, Ind. Mead's Cevitamic Acid Tablets. For Cevitamic Acid Tablets. 51,630; Aug. 16.
Menasha Products Company, Menasha, Wis. Menasha Bread. For Bread. 51,631; Aug. 16.
Menasha Products Company, Menasha, Wis. Extra Good Bread. For Bread. 51,632; Aug. 16.
Morrison, Alfred M., Oakland, Calif. Al Morrison's Alfalfa-Kelp Lotion. For a Lotion. 51,633; Aug. 16.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Energy (Bleach). For Household Bleach. 51,634; Aug. 16.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Butter). For Butter. 51,635; Aug. 16.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Viking (Salt). For Table Salt. 51,636; Aug. 16.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Pickaninny. For Molasses. 51,637; Aug. 16.
Penick & Ford, Ltd. Inc., New York, N. Y. Everybody's. For Cane and Corn Syrup. 51,638; Aug. 16.
Pollock Paper & Box Company, Dallas, Tex. Hillsdale Butter. For Butter. 51,639; Aug. 16.
Reid, Marion V., West Springfield, Mass. No-D-Ka. For Tooth Paste. 51,640; Aug. 16.
Reily, Wm. B., & Company, Inc., New Orleans, La. Luzianne Coffee and Chicory (White Label). For Blend of Coffee and Chicory. 51,641; Aug. 16.
Reilly, Wm. B., & Company, Inc., New Orleans, La. Luzianne Coffee and Chicory (Red Label). For Blend of Coffee and Chicory. 51,642; Aug. 16.
Resinilla Concentrates, Incorporated, St. Louis, Mo. Resinilla. For Concentrate of Pure Vanilla. 51,644; Aug. 16.
Restaurants and Patisseries Longchamps, Inc., New York, N. Y. Longchamps Bittersweet Chocolates. For Chocolates. 51,643; Aug. 16.
Royal Manufacturing Co. of Duquesne, doing business as Saxon Laboratories, Duquesne, Pa. Saxon. For Epsom Salt. 51,645; Aug. 16.
Saxon Laboratories. (See Royal Manufacturing Co. of Duquesne.)
Schreiber, A., Brewing Company, assignor, by mesne assignments, to Schreiber Brewing Company, Inc., Buffalo, N. Y. Schreiber Beer. For Beer. 14,930; renewed June 29, 1937.
Schreiber, A., Brewing Co., assignor, by mesne assignments, to Schreiber Brewing Company, Inc., Buffalo, N. Y. Manru Lager. For Beer. 14,979; renewed June 29, 1937.
Stainex Company, Leavenworth, Kan. Stainex. For a Stain Remover. 51,646; Aug. 16.
Sunside Farm Co. (See Bradbury, Stella D.)
Ulmer Pharmacal Company, Minneapolis, Minn. Sedecol. For Mild and Palatable Expectorant. 51,647; Aug. 16.
Wolfe, Anna, Los Angeles, Calif. Hollywood Star. For Circulator and Cleansing Cream. 51,648; Aug. 16.

LIST OF REGISTRANTS OF PRINTS

General Mills, Inc., Minneapolis, Minn. It's the Tops. . . . This "Breakfast of Champions". For Cereal Food. 16,965; Aug. 16.
General Mills, Inc., Minneapolis, Minn. Myrna's Mistake. For Cereal Food. 16,966; Aug. 16.
Monroe Chemical Company, Quincy, Mass. Bath-O-Bloom. For a Water Softener. 16,967; Aug. 16.
Perkins Products Company, Chicago, Ill. Kool-Aid. For Powder for Making Sherbets, Frozen Suckers, and Soft Drinks. 16,968; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. The Right Road Ad. No. 4,605. For Beer. 16,969; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. You Sho Know What's Best Ad. No. 4,608. For Beer. 16,970; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Hold on to Pabst Ad. No. 4,609. For Beer. 16,971; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Good Taste for 94 Years Pabst Ad. No. 4,612. For Beer. 16,972; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 94 Years Ad. No. 4,613. For Beer. 16,973; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. For Smooth Sailing Ad. No. 4,615. For Beer. 16,974; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Sure to be Wecome Ad. No. 4,616. For Beer. 16,975; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Always in Good Company Ad. No. 4,617. For Beer. 16,976; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. The Beer with a Tradition for Quality Ad. No. 4,618. For Beer. 16,977; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Faithfully Yours Ad. No. 4,619. For Beer. 16,978; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. A Friend of Five Generations Ad. No. 4,620. For Beer. 16,979; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. The Right Note Ad. No. 4,623. For Beer. 16,980; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Welcome Legionnaires Ad. No. 2,624. For Beer. 16,981; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 94 Years Ad. No. 940. For Beer. 16,982; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 94 Years Ad. No. 941. For Beer. 16,983; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Ad. No. 944. For Beer. 16,984; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Faithfully Yours Ad. No. 945. For Beer. 16,985; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Ad. No. 946. For Beer. 16,986; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Ad. No. 947. For Beer. 16,987; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Ad. No. 948. For Beer. 16,988; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. The Right Road Ad. No. 958. For Beer. 16,989; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. The Right Note Ad. No. 960. For Beer. 16,990; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Always in Good Company Ad. No. 980. For Beer. 16,991; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Ad. No. 984. For Beer. 16,992; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Ad. No. 985. For Beer. 16,993; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst AD. No. 986. For Beer. 16,994; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst AD. No. 990. For Beer. 16,995; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst AD. No. 1007. For Beer. 16,996; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 94 Years AD. No. 1012. For Beer. 16,997; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 94 Years AD. No. 1034. For Beer. 16,998; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Working for You AD. No. 1037. For Beer. 16,999; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst AD. No. 1050. For Beer. 17,000; Aug. 16.
Premier-Pabst Sales Co., Peoria Heights, Ill. Working for You AD. No. 1061. For Beer. 17,001; Aug. 16.
Slesinger, Stephen, Inc., New York, N. Y. Getaway with Orange Pan-Am Gasoline. For Gasoline and Motor Oils. 17,002; Aug. 16.
Slesinger, Stephen, Inc., New York, N. Y. Keep away from Big Bills—Use Pan-Am Motor Oil. For Gasoline and Motor Oils. 17,003; Aug. 16.
Slesinger, Stephen, Inc., New York, N. Y. I've Proven It! Pan-Am Men Lubricate every Point. For Gasoline and Motor Oils. 17,004; Aug. 16.
Slesinger, Stephen, Inc., New York, N. Y. Ach Mama! How Sweet der Motor mit Pan-Am Motor Oil. For Gasoline and Motor Oils. 17,005; Aug. 16.
Slesinger, Stephen, Inc., New York, N. Y. Get One with Orange Pan-Am Ella, More Mileage. For Gasoline and Motor Oils. 17,006; Aug. 16.
Tanners' Council of America, New York, N. Y. Deep Buffed Leather. For Upholstery Leather. 17,007; Aug. 16.

Tanners' Council of America, New York, N. Y. Full Top Grain Leather. For Upholstery Leather. 17,008; Aug. 16.
Tanners' Council of America, New York, N. Y. Snuffed Top Grain Leather. For Upholstery Leather. 17,009; Aug. 16.
Tanners' Council of America, New York, N. Y. Machine Buffed Leather. For Upholstery Leather. 17,010; Aug. 16.
Tanners' Council of America, New York, N. Y. Medium Buffed Leather. For Upholstery Leather. 17,011; Aug. 16.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Phenolic condensation product. Redmanol Chemical Products Co. 122,529; renewed Aug. 20, 1938.
Resins, Polyvinyl acetate. Shawinigan Products Corporation. 359,410; Aug. 16; Serial No. 405,136; published June 7, 1938.
Skins, Fur. J. E. Awad. 359,395; Aug. 16; Serial No. 404,346; published June 7, 1938.

CLASS 2

Bags, Shoe. H. B. De Mott. 359,357; Aug. 16; Serial No. 400,050; published June 7, 1938.
Caskets, Metal burial. F. H. Hill Co. 122,703; renewed Sept. 10, 1938.
Containers, Glass. Coffee Products Corporation. 359,349; Aug. 16; Serial No. 396,297; published June 7, 1938.

CLASS 3

Harness for teams, bridles, lines, etc. Schafer Company. 359,346; Aug. 16; Serial No. 393,233; published Dec. 21, 1937.

CLASS 4

Cleaner for combs, brushes and the like, General. D. London. 359,436; Aug. 16.
Fluid for cleaning and removing dirt from fabrics. Spra-O-Way Products Co. 359,364; Aug. 16; Serial No. 401,682; published June 7, 1938.

CLASS 6

Enamel adapted for coating finger nails. Revlon Nail Enamel Corporation. 359,430–1; Aug. 16.
Medicinal preparation. Joseph E. McCoy, M. D., and Company. 359,441; Aug. 16.
Pharmaceutical preparations. H. J. Titus. 122,399; renewed July 30, 1938.
Preparation for the treatment of certain named diseases and affections. Otis Clapp & Son Inc. 123,938; renewed Dec. 24, 1938.

CLASS 7

Twines, clothes-lines, and seaming-cords. American Cord-Twine Company. 123,010; renewed Oct. 8, 1938.

CLASS 12

Cement. Trinity Portland Cement Company. 359,394; Aug. 16; Serial No. 404,334; published May 31, 1938.
Panels of steel grating. Irving Iron Works Company. 359,442; Aug. 16.
Rock wool bats. Ruberoid Co. 359,428; Aug. 16.
Roofing material. Lloyd A. Fry Roofing Co. 359,345; Aug. 16; Serial No. 391,755; published May 24, 1938.
Shingles, Wooden. Colonial Lumber Specialties, Inc. 359,425; Aug. 16.

CLASS 14

Metal, Babbitt. Syracuse Smelting Works. 124,054; renewed Dec. 31, 1938.

CLASS 15

Gasoline and fuel oil. Farmo Fuel Corporation. 359,376; Aug. 16; Serial No. 403,248; published Apr. 19, 1938.
Lubricants. Keystone Lubricating Company. 124,008; renewed Dec. 31, 1938.
Oil, Lubricating. Continental Oil Company. 359,371; Aug. 16; Serial No. 402,894; published Apr. 12, 1938.

CLASS 17

Cigars. A. Siegel & Sons, Inc. 359,404; Aug. 16; Serial No. 404,956; published June 7, 1938.

CLASS 19

Automobiles. Rolls-Royce Limited. 122,913; renewed Sept. 24, 1938.

CLASS 21

Display devices. Electrically operated advertisement. International Mutoscope Reel Co. Inc. 359,337; Aug. 16; Serial No. 389,462; published June 7, 1938.
Electric curling irons, and electric food mixers. Walgreen Co. 359,333; Aug. 16; Serial No. 380,370; published Mar. 23, 1937.
Radio and telephone receiving devices and equipment and parts thereof. Dictograph Products Company. 359,353; Aug. 16; Serial No. 398,098; published June 7, 1938.
Radio broadcasting apparatus, speech input and public address equipment, etc. D. D. Jones. 359,336; Aug. 16; Serial No. 387,787; published June 22, 1937.
Spark plugs. Super-Power Spark Plug Co. 359,339; Aug. 16; Serial No. 390,187; published June 7, 1938.

CLASS 23

Harrows, Disc. Farm Tools, Inc. 359,372; Aug. 16; Serial No. 402,939; published June 7, 1938.
Material handling equipment. Barrett-Cravens Company. 359,340; Aug. 16; Serial No. 390,348; published June 7, 1938.
Razor blades. Windsor Lloyd Products, Inc. 359,379; Aug. 16; Serial No. 403,573; published June 7, 1938.
Razors, Electric. Match King, Inc. 359,403; Aug. 16; Serial No. 404,946; published June 7, 1938.
Sowers, Hand seed. Cyclone Seeder Company. 359,390; Aug. 16; Serial No. 404,205; published June 7, 1938.
Spades, rakes, crowbars, etc. Sandvikens Jernverks Aktiebolag. 359,373; Aug. 16; Serial No. 403,018; published June 7, 1938.
Type casting and setting machines, matrices, typewriters. Castype Corporation. 359,434; Aug. 16.
Typewriters, knives, spatulae, etc. R. H. Macy & Co. 359,399; Aug. 16; Serial No. 404,860; published June 7, 1938.
Weighting systems. Saco-Lowell Shops. 359,354; Aug. 16; Serial No. 398,202; published June 7, 1938.

CLASS 26

Amplifying and oscillograph recording systems. Electro-Medical Laboratory, Inc. 359,375; Aug. 16; Serial No. 403,236; published June 7, 1938.
Apparatus for making prints. Quarzlampen Gesellschaft mit beschränkter Haftung. 359,351; Aug. 16; Serial No. 397,299; published June 7, 1938.
Cinematographic apparatus. A. L. V. C. Debrie. 359,370; Aug. 16; Serial No. 402,851; published June 7, 1938.
Electrical and radio instruments and devices. Communication Instruments, Inc. 359,334; Aug. 16; Serial No. 382,973; published June 7, 1938.
Indicating, recording, and control instruments. American Temperature Indicating Company. 359,386; Aug. 16; Serial No. 404,026; published June 7, 1938.
Lenses, Photographic. Universal Camera Corporation. 359,405; Aug. 16; Serial No. 404,968; published June 7, 1938.
Measuring instrument. Aerial Explorations, Inc. 359,385; Aug. 16; Serial No. 404,025; published June 7, 1938.
Protection glass for sight openings of helmets and goggles. Willson Products, Inc. 359,389; Aug. 16; Serial No. 404,149; published June 7, 1938.

CLASS 27

Watches, Wrist. Gruen Watch Company. 359,417; Aug. 16; Serial No. 405,388; published June 7, 1938.

CLASS 28

Jewelry. Hattie Carnegie, Inc. 359,440; Aug. 16.
Silverware; gold and silver plated ware. Weidlich Sterling Spoon Co. 359,432; Aug. 16.

CLASS 30

Dishes. Cronin China Company. 359,437; Aug. 16.

CLASS 31

Refrigerators. Jordan Marsh Company. 359,383; Aug. 16; Serial No. 403,693; published June 7, 1938.
Shelves and storage bin covers in refrigerators, Combination. Westinghouse Electric & Manufacturing Company. 359,411; Aug. 16; Serial No. 405,277; published June 7, 1938.

CLASS 35

Hose and hose, Rubber. Voorhees Rubber Mfg. Co. 123,871; renewed Dec. 10, 1938.
Patching kits and casing patches, Portable. Bowes Seal Fast Corporation. 359,422; Aug. 16.

CLASS 36

Accordions. Patti Bros. Accordion Mfg. Co. 359,358; Aug. 16; Serial No. 400,170; published June 7, 1938.
Pianos. Chas. M. Stieff, Incorporated. 359,400; Aug. 16; Serial No. 404,869; published June 7, 1938.

CLASS 37

Index guides, art gum erasers, blotters, etc., A to Z. Berkson Bros., Inc. 359,344; Aug. 16; Serial No. 391,681; published Feb. 8, 1938.
Paper, Toilet. Union Paper and Twine Company. 122,292; renewed July 16, 1938.
Paper, Wrapping. Union Paper and Twine Company. 122,291; renewed July 16, 1938.
Tissue and toilet paper, Toilet. Birmingham Woodenware Company. 359,387; Aug. 16; Serial No. 404,071; published June 7, 1938.

CLASS 38

Calendars. R. W. Shields. 359,439; Aug. 16.
Drawings, Comic. United Feature Syndicate, Inc. 359,433; Aug. 16.
Newspaper-sections. Star Company. 123,864; renewed Dec. 10, 1938.
Section of a magazine. Dell Publishing Company. 359,427; Aug. 16.

CLASS 39

Apparel, Women's. Aronson-Caplin Company. 359,424; Aug. 16.
Gloves, Fabric. Crown Glove Company. 123,210; renewed Oct. 22, 1938.
Hosiery and underwear. Herbert Hosiery Mills, Inc. 359,423; Aug. 16.

CLASS 42

Blankets, quilts, and carriage covers. S. Blechman & Sons, Inc. 359,412; Aug. 16; Serial No. 405,286; published June 7, 1938.
Blankets, Woolen. Penn Dry Goods Company. 359,365; Aug. 16; Serial No. 401,755; published June 7, 1938.
Cloth. New England Fibre Blanket Company. 359,391; Aug. 16; Serial No. 404,260; published June 7, 1938.
Comforters and blankets, Filled. I. F. Heberlee. 359,397; Aug. 16; Serial No. 404,759; published June 7, 1938.
Curtains, bedspreads, piece goods, etc. Meier & Frank Company. 359,352; Aug. 16; Serial No. 397,858; published Jan. 25, 1938.
Fabric, Stretchable. B. Hall. 359,384; Aug. 16; Serial No. 403,766; published June 7, 1938.
Fabrics, Pile. Collins & Aikman Corporation. 359,426; Aug. 16.
Fabrics, Woven fiber. Hodges Carpet Company. 359,413; Aug. 16; Serial No. 405,298; published June 7, 1938.
Silks and satins in the piece, Broad. Schwarzenbach Huber Company. 122,746; renewed Sept. 10, 1938.
Woolen and worsted piece goods. Jamestown Worsted Mills. 359,402; Aug. 16; Serial No. 404,899; published June 7, 1938.
Woolen goods. S. Stein & Co. 359,341; Aug. 16; Serial No. 390,424; published June 7, 1938.

CLASS 43

Yarn, machine-twist knitting-silk, reeled silk, etc., Spun-silk. Cheney Brothers. 122,437; renewed Aug. 20, 1938.

CLASS 45

Canned citrus jquices for beverage purposes. Mutual Orange Distributors. 359,414; Aug. 16; Serial No. 405,313; published June 7, 1938.
Fruit juices for beverage purposes. United States Products Corporation. 359,343; Aug. 16; Serial No. 391,598; published June 15, 1937.

CLASS 46

Beans, Navy. Michigan Bean Company. 359,398; Aug. 16; Serial No. 404,815; published June 7, 1938.
Candy. Gordon, Wolf, Cowen Co. 124,096; renewed Jan. 14, 1939.
Canned food for dogs, cats, etc. Atlas Canning Company. 359,408; Aug. 16; Serial No. 405,052; published June 7, 1938.
Cereal products. Saratoga Cereal Products, Inc. 359,435; Aug. 16.
Cheese, soy milk, soy cake, etc., Soy. Great Eastern Industrial Co. 359,377; Aug. 16; Serial No. 403,311; published June 7, 1938.
Chile and preserved California pimientos, Preserved peeled. Royal Packing Co. 359,331; Aug. 16; Serial No. 370,965; published June 7, 1938.
Coffee. Carr's Inc. 359,380; Aug. 16; Serial No. 403,579; published June 7, 1938.
Dessert powders, Prepared. Penick & Ford, Ltd. Incorporated. 359,369; Aug. 16; Serial No. 402,693; published June 7, 1938.
Feed, cow feed, laying mash, etc., Horse and mule. Western Grain Company. 359,338; Aug. 16; Serial No. 389,955; published June 8, 1937.
Fish and pickled olives, Preserved. B. J. Borges. 359,348; Aug. 16; Serial No. 395,120; published June 7, 1938.
Flour, Self-rising. Southern Grocery Stores, Inc. 359,415; Aug. 16; Serial No. 405,326; published June 7, 1938.
Flour, Wheat. Midland Flour Milling Company. 359,416; Aug. 16; Serial No. 405,365; published June 7, 1938.
Flour, Wheat. Tex-O-Kan Flour Mills Company. 359,366; Aug. 16; Serial No. 402,034; published June 7, 1938.
Foods. Fort Dodge Grocery Co. 122,456; renewed Aug. 20, 1938.
Fruit, grapes, and fresh dates, Fresh citrus. Mecca Citrus Association. 359,429; Aug. 16.
Fruits, Fresh citrus. Weslaco Citrus Association. 359,363; Aug. 16; Serial No. 401,635; published June 7, 1938.
Hominy feed for stock and supplement for dairy feed. Western Grain Company. 359,388; Aug. 16; Serial No. 404,143; published May 31, 1938.
Milk, cream, buttermilk, etc. C. J. Wieland & Son, Inc. 359,335; Aug. 16; Serial No. 383,244; published June 7, 1938.
Milk, Evaporated. Grand Ledge Milk Co. 122,272; renewed July 16, 1938.
Olives, olive oil, spices, etc. Adolph Goldmark & Sons Corp. 359,382; Aug. 16; Serial No. 403,683; published June 7, 1938.
Peaches, Fresh. A. M. Greene. 359,356; Aug. 16; Serial No. 399,964; published June 7, 1938.
Pickles, pickled onions, and sweet relishes, etc. C. C. Lang & Son, Inc. 359,378; Aug. 16; Serial No. 403,550; published June 7, 1938.
Popcorn candy confection. W. G. Angelos. 359,355; Aug. 16; Serial No. 399,220; published Apr. 26, 1938.
Pop corn in its natural state. Barteldes Seed Company. 359,350; Aug. 16; Serial No. 396,441; published June 7, 1938.
Preparation for making a nutritious and nourishing food beverage, Concentrated. F. H. Hall. 359,347; Aug. 16; Serial No. 393,534; published June 7, 1938.
Sausage, Various forms of. Hebrew National Kosher Sausage Company, Inc. 359,368; Aug. 16; Serial No. 402,150; published June 7, 1938.
Sugar. J. Aron & Company. 359,361; Aug. 16; Serial No. 401,423; published May 31, 1938.
Vegetable oil. W. A. Cleary Corporation. 359,360; Aug. 16; Serial No. 400,590; published June 7, 1938.
Vegetables, Fresh. Dezauche & Son. 359,401; Aug. 16; Serial No. 404,887; published June 7, 1938.
Walnuts and almonds. Pacific Coast Nut House. 359,362; Aug. 16; Serial No. 401,540; published May 24, 1938.
Weiners. G. A. Hess. 359,421; Aug. 16.

CLASS 47

Wines. Lombardi Wine Company. 359,443; Aug. 16.

CLASS 48

Ale. Burkhardt Brewing Co. 359,438; Aug. 16.
Beer. Washington Breweries, Inc. 359,396; Aug. 16; Serial No. 404,594; published June 7, 1938.

CLASS 49

Whiskey. Pennsylvania Distilling Co. 359,420; Aug. 16; Serial No. 405,889; published June 7, 1938.
Whiskey. Woodford County Distillery Co. 359,359; Aug. 16; Serial No. 400,268; published Jan. 25, 1938.
Whiskey and blends of straight rye whiskey, Straight rye. Green Spring Valley Club Wine and Distilling Company. 359,332; Aug. 16; Serial No. 375,529; published Oct. 20, 1936.
Whiskey, Bourbon. London & Company. 359,409; Aug. 16; Serial No. 405,123; published June 7, 1938.
Whiskey, gin, cordials, etc., Blended scotch type. Many, Blanc & Co. 359,342; Aug. 16; Serial No. 391,483; published June 14, 1938.
Whiskey, gin, rum, brandy, etc. Joseph S. Finch and Company. 359,419; Aug. 16; Serial No. 405,551; published June 7, 1938.
Whiskey, gin, rum, etc. Old Quaker Company. 359,418; Aug. 16; Serial No. 405,459; published June 7, 1938.
Whiskey, Pure rye. Baltimore Pure Rye Distilling Company. 359,392–3; Aug. 16; Serial Nos. 404,286–7; published June 7, 1938.
Whiskies; gin, rum, etc. Paddington Corporation. 359,407; Aug. 16; Serial No. 405,034; published June 7, 1938.
Whisky, Scotch. Haig & Haig Limited. 359,367; Aug. 16; Serial No. 402,092; published June 7, 1938.

CLASS 50

Bric-a-brac. Lenox, Incorporated. 359,381; Aug. 16; Serial No. 403,655; published June 7, 1938.
Processed piece goods. Acme Backing Corporation. 359,406; Aug. 16; Serial No. 405,004; published June 7, 1938.
Products made from a latex composition. Superlatex Products Inc. 359,374; Aug. 16; Serial No. 403,062; published June 7, 1938.

LIST OF LABELS

All American. For Beer. Ellert Brewing Company. 51,618; Aug. 16.
Al Morrison's Alfalfa-Kelp Lotion. For a Lotion. A. M. Morrison. 51,633; Aug. 16.
Arnaud's Sauce. For Sauce for Shrimp, Other Sea Food, Hors D'Oeuvres, etc. L. A. Cazenave. 51,611; Aug. 16.
Battlefield. For Coffee. Cleveland Coffee Company. 51,613; Aug. 16.
Comly Cel-O-Cee Displays. For Transparent Window Box Displays. Comly, Inc. 51,614; Aug. 16.
Comly Com-Pac Nesting. For Nesting Boxes. Comly, Inc. 51,615; Aug. 16.
Crown News. For News. Crown Zellerbach Corporation. 51,616–7; Aug. 16.
Debonair Tie-Kerchief Ensemble. For Tie and Kerchief Ensembles. Kingly Neckwear Company. 51,625; Aug. 16.

Donner. For Mountain Bartletts. Auburn Fruit Exchange. 51,606; Aug. 16.
Energy (Bleach). For Household Bleach. National Retailer-Owned Grocers, Inc. 51,634; Aug. 16.
Everybody's. For Cane and Corn Syrup. Penick & Ford, Ltd. Inc. 51,638; Aug. 16.
Extra Good Bread. For Bread. Menasha Products Company. 51,632; Aug. 16.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 51,612; Aug. 16.
Fluxine Chart. For Fluxes, Rods, and Spelters for Joining Metals. O. M. Krembs. 51,627; Aug. 16.
Golden Glint. For a Hair Rinse for Blondes. Golden Glint Company. 51,619; Aug. 16.
Golden Glint. For a Hair Rinse for Auburn Shades. Golden Glint Company. 51,620; Aug. 16.
Golden Glint. For a Shampoo. Golden Glint Company. 51,621; Aug. 16.
Hilisdale Butter. For Butter. Pollock Paper & Box Company. 51,639; Aug. 16.
Hollywood Star. For Circulator and Cleansing Cream. A. Wolfe. 51,648; Aug. 16.
Longchamps Bittersweet Chocolates. For Chocolates. Restaurants and Patisseries Longchamps, Inc. 51,643; Aug. 16.
Luzianne Coffee and Chicory (White Label). For Blend of Coffee and Chicory. Wm. B. Reily & Company. 51,641; Aug. 16.
Luzianne Coffee and Chicory (Red Label). For Blend of Coffee and Chicory. Wm. B. Reily & Company. 51,642; Aug. 16.
Manru Lager. For Beer. A. Schreiber Brewing Co. 14,979; renewed June 29, 1937.
Mead's Thiamin Chloride Tablets. For Thiamin Chloride Tablets. Mead Johnson & Company. 51,628; Aug. 16.
Mead's Nicotinic Acid Tablets. For Nicotinic Acid Tablets. Mead Johnson & Company. 51,629; Aug. 16.
Mead's Cevitamic Acid Tablets. For Cevitamic Acid Tablets. Mead Johnson & Company. 51,630; Aug. 16.
Menasha Bread. For Bread. Menasha Products Company. 51,631; Aug. 16.
Morse Shoes. For Boxes. Hoague-Sprague Corporation. 51,624; Aug. 16.
No-D-Ka. For Tooth Paste. M. V. Reid. 51,640; Aug. 16.
Ocean City, Grays Harbor, Minced Razor Clams. For Minced Razor Clams. H. W. Bodey. 51,609; Aug. 16.
Pickaninny. For Molasses. Penick & Ford, Ltd. Incorporated. 51,637; Aug. 16.
Red Horse Romaica. For Rum. D. J. Bielzoff Products Co. 51,607; Aug. 16.
Red Horse Sloe Gin. For Sloe Gin. D. J. Bielzoff Products Co. 51,608; Aug. 16.
Resinilla. For Concentrate of Pure Vanilla. Resinilla Concentrates, Incorporated. 51,644; Aug. 16.
Saxon. For Epsom Salt. Royal Manufacturing Co. of Duquesne. 51,645; Aug. 16.
Schreiber Beer. For Beer. A. Schreiber Brewing Company. 14,930; renewed June 29, 1937.
Sedecol. For Mild and Palatable Expectorant. Ulmer Pharmacal Company. 51,647; Aug. 16.
Shurfine (Butter). For Butter. National Retailer-Owned Grocers, Inc. 51,635; Aug. 16.
Stainex. For a Stain Remover. Stainex Company. 51,646; Aug. 16.
Sunside Farm Co. For Real Apple Jelly. S. D. Bradbury. 51,610; Aug. 16.
Tennessee Valley. For Butter. Henegar Bros. 51,622; Aug. 16.
The All American Slip. For Slips. Charles Komar & Sons. 51,626; Aug. 16.
The Co-Operative Shoe. For Boxes. Hoague-Sprague Corporation. 51,623; Aug. 16.
Viking (Salt). For Table Salt. National Retailer-Owned Grocers, Inc. 51,636; Aug. 16.

LIST OF PRINTS

Ach Mama! How Sweet der Motor mit Pan-Am Motor Oil. For Gasoline and Motor Oils. Stephen Slesinger, Inc. 17,005; Aug. 16.
A Friend of Five Generations Ad. No. 4,620. For Beer. Premier-Pabst Sales Co. 16,979; Aug. 16.
Always in Good Company Ad. No. 980. For Beer. Premier-Pabst Sales Co. 16,991; Aug. 16.
Always in Good Company Ad. No. 4,617. For Beer. Premier-Pabst Sales Co. 16,976; Aug. 16.
Bath-O-Bloom. For a Water Softener. Monroe Chemical Company. 16,967; Aug. 16.
Deep Buffed Leather. For Upholstery Leather. Tanners' Council of America. 17,007; Aug. 16.
Faithfully Yours Ad. No. 4,619. For Beer. Premier-Pabst Sales Co. 16,978; Aug. 16.
Faithfully Yours Ad. No. 945. For Beer. Premier-Pabst Sales Co. 16,985; Aug. 16.
For Smooth Sailing Ad. No. 4,615. For Beer. Premier-Pabst Sales Co. 16,974; Aug. 16.
Full Top Grain Leather. For Upholstery Leather. Tanners' Council of America. 17,008; Aug. 16.
Getaway with Orange Pan-Am Gasoline. For Gasoline and Motor Oils. Stephen Slesinger, Inc. 17,002; Aug. 16.
Get One with Orange Pan-Am Ella, More Mileage. For Gasoline and Motor Oils. Stephen Slesinger, Inc. 17,006; Aug. 16.
Good Taste for 94 Years Pabst Ad. No. 4,612. For Beer. Premier-Pabst Sales Co. 16,972; Aug. 16.
Hold on to Pabst Ad. No. 4,609. For Beer. Premier-Pabst Sales Co. 16,971; Aug. 16.
It's the Tops. . . . This "Breakfast of Champions". For Cereal Food. General Mills, Inc. 16,965; Aug. 16.
I've Proven It! Pan-Am Men Lubricate every Point. For Gasoline and Motor Oils. Stephen Slesinger, Inc. 17,004; Aug. 16.
Keep away from Big Bills—Use Pan-Am Motor Oil. For Gasoline and Motor Oils. Stephen Slesinger, Inc. 17,003; Aug. 16.
Kool-Aid. For Powder for Making Sherbets, Frozen Suckers and Soft Drinks. Perkins Products Company. 16,968; Aug. 16.
Machine Buffed Leather. For Upholstery Leather. Tanners' Council of America. 17,010; Aug. 16.
Medium Buffed Leather. For Upholstery Leather. Tanners' Council of America. 17,011; Aug. 16.
Myrna's Mistake. For Cereal Food. General Mills, Inc. 16,966; Aug. 16.
Pabst Ad. No. 944. For Beer. Premier-Pabst Sales Co. 16,984; Aug. 16.
Pabst Ad. No. 946. For Beer. Premier-Pabst Sales Co. 16,986; Aug. 16.
Pabst AD. No. 947. For Beer. Premier-Pabst Sales Co. 16,987; Aug. 16.
Pabst AD. No. 948. For Beer. Premier-Pabst Sales Co. 16,988; Aug. 16.
Pabst AD. No. 984. For Beer. Premier-Pabst Sales Co. 16,992; Aug. 16.
Pabst AD. No. 985. For Beer. Premier-Pabst Sales Co. 16,993; Aug. 16.
Pabst AD. No. 986. For Beer. Premier-Pabst Sales Co. 16,994; Aug. 16.
Pabst AD. No. 990. For Beer. Premier-Pabst Sales Co. 16,995; Aug. 16.
Pabst AD. No. 1007. For Beer. Premier-Pabst Sales Co. 16,996; Aug. 16.
Pabst AD. No. 1050. For Beer. Premier-Pabst Sales Co. 17,000; Aug. 16.
Pabst Good Taste for 94 Years Ad. No. 4,613. For Beer. Premier-Pabst Sales Co. 16,973; Aug. 16.
Pabst Good Taste for 94 Years AD. No. 1012. For Beer. Premier-Pabst Sales Co. 16,997; Aug. 16.
Pabst Good Taste for 94 Years AD. No. 1034. For Beer. Premier-Pabst Sales Co. 16,998; Aug. 16.
Pabst Good Taste for 94 Years Ad. No. 940. For Beer. Premier-Pabst Sales Co. 16,982; Aug. 16.
Pabst Good Taste for 94 Years Ad. No. 941. For Beer. Premier-Pabst Sales Co. 16,983; Aug. 16.
Snuffed Top Grain Leather. For Upholstery Leather. Tanners' Council of America. 17,009; Aug. 16.
Sure to be Welcome Ad. No. 4,616. For Beer. Premier-Pabst Sales Co. 16,975; Aug. 16.
The Beer with a Tradition for Quality Ad. No. 4,618. For Beer. Premier-Pabst Sales Co. 16,977; Aug. 16.
The Right Note Ad. No. 4,623. For Beer. Premier-Pabst Sales Co. 16,980; Aug. 16.
The Right Note AD. No. 960. For Beer. Premier-Pabst Sales Co. 16,990; Aug. 16.
The Right Road Ad. No. 4,605. For Beer. Premier-Pabst Sales Co. 16,969; Aug. 16.
The Right Road AD. No. 958. For Beer. Premier-Pabst Sales Co. 16,989; Aug. 16.
You Sho Know What's Best Ad. No. 4,608. For Beer. Premier-Pabst Sales Co. 16,970; Aug. 16.
Welcome Legionnaires Ad. No. 2,624. For Beer. Premier-Pabst Sales Co. 16,981; Aug. 16.
Working for You AD. No. 1037. For Beer. Premier-Pabst Sales Co. 16,999; Aug. 16.
Working for You AD. No. 1061. For Beer. Premier-Pabst Sales Co. 17,001; Aug. 16.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 16TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Busch, Hugo R. (See Kind, W., Schenk, and Busch.)

Colby, Elmer E., et al. (See White, Frank M., assignor.)

Hammond Instrument Company. (See Smiley, Gilbert, assignor.)

Johns-Manville Corporation. (See Powell, Edward R., assignor.)

Kind, Wilm, Berlin-Haselhorst, G. Schenk, Brunswick, and H. R. Busch, Wetzlar, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Sprayer employed in watering areas of land. Re. 20,826; Aug. 16.

Lane-Wells Company. (See Wells, Walter T., assignor.)

Leishman, Le Roy J., Los Angeles, Calif. Turning rotatable objects to predetermined positions. Re. 20,827; Aug. 16.

Marsh, Jas. P., Corporation. (See Seegers, Hans, assignor.)

Powell, Edward R., Cleveland Heights, Ohio, assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Process and furnace for making mineral wool. Re. 20,828; Aug. 16.

Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal basket construction. Re. 20,829; Aug. 16.

Schenk, Gustav. (See Kind, W., Schenk, and Busch.)

Seegers, Hans, assignor to Jas. P. Marsh Corporation, Chicago, Ill. Pressure gauge. Re. 20,830; Aug. 16.

Shuger, John K., et al. (See White, Frank M., assignor.)

Siemens-Schuckertwerke Aktiengesellschaft. (See Kind, W., Schenk, and Busch, assignors.)

Smiley, Gilbert, Hingham, Mass., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill. Electronic musical instrument. Re. 20,831; Aug. 16.

Smith, Robert S., et al. (See White, Frank M., assignor.)

Wells, Walter T., Glendale, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Well heating device and method. Re. 20,832; Aug. 16.

Western States Machine Company, The. (See Roberts, Eugene, assignor.)

White, Frank M., assignor of one-fourth to J. K. Shuger, one-fourth to E. E. Colby, and one-fourth to R. S. Smith, Chicago, Ill. Spring suspension for automobiles. Re. 20,833; Aug. 16.

LIST OF PLANT PATENTEES

Towill, Edward, Roslyn, Pa. Rose. 282; Aug. 16.

LIST OF DESIGN PATENTEES

Abrecht, Albert, Inc. (See Abrecht, Otto, assignor.)

Abrecht, Otto, Maplewood, assignor to Albert Abrecht, Inc., Newark, N. J. Finger ring. 110,888; Aug. 16.

American-National Company, The. (See Snell, Samuel A., assignor.)

Anderson, Bert J., Hammond, Ind. Velocipede frame member. 110,855; Aug. 16.

Arden, Elizabeth, Inc. (See Lewis, Florence N., assignor.)

Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Head for an electric razor. 110,937; Aug. 16.

Art Metal Works, Inc. (See Aronson, Louis V., assignor.)

Berger, Dewey G., South Gate, Calif. Sign. 110,856; Aug. 16.

Berkheimer, Benjamin F., Greenville, Ohio. Kitchen stove. 110,916; Aug. 16.

Berkheimer, Benjamin F., Greenville, Ohio. Kitchen stove. 110,917; Aug. 16.

Brand, Albert S., Boston, and L. W. Kendrick, Wellesley, assignors to The Carter's Ink Company, Cambridge, Mass. Combination desk unit. 110,889; Aug. 16.

Brooks, John W., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Lamp shade. 110,890; Aug. 16.

Budd, Edward G., Manufacturing Company. (See de Sakhnoffsky, Alexis, assignor.)

Bunting, James H., Clifton, N. J. Textile fabric. 110,938; Aug. 16.

Carney, Mary E. (See Connor, W. F., and Carney.)

Carter's Ink Company, The. (See Brand, A. S., and Kendrick, assignors.)

Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)

Coe, Mary J. (See Merrifield, Pansy E., assignor.)

Colt's Patent Fire Arms Manufacturing Company. (See Stevens, Harry A., assignor.)

Connor, Walter F., and M. E. Carney, assignors to Hub Hosiery Mills, Lowell, Mass. Sock. 110,918; Aug. 16.

David, Andre S., New York, N. Y. Glove. 110,919; Aug. 16.

Davis Cabinet Company. (See Davis, William L., assignor.)

Davis, William L., assignor to Davis Cabinet Company, Nashville, Tenn. Combination bed and bookcase. 110,891; Aug. 16.

Davis, William L., assignor to Davis Cabinet Company, Nashville, Tenn. Combination bed and chest of drawers. 110,892; Aug. 16.

Davis, William L., assignor to Davis Cabinet Company, Nashville, Tenn. Combination bed and desk. 110,893; Aug. 16.

Debus, Sander, Hastings, Nebr., assignor to U. S. Slicing Machine Company, La Porte, Ind. Bread slicing machine. 110,920; Aug. 16.

De Sakhnoffsky, Alexis, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 110,857; Aug. 16.

Egerton, Clifford, Forest Hills, Long Island, N. Y. Toy rotary unit. 110,858; Aug. 16.

Fein, Jacob S., New York, N. Y. Handbag mirror. 110,921; Aug. 16.

Fein, William, New York, N. Y. Hamper. 110,859; Aug. 16.

Feldmann, Albert, Brooklyn, N. Y. Game board. 110,860; Aug. 16.

Finkelstein, Samuel, New York, N. Y. Hat. 110,939; Aug. 16.

Flato, Paul E. (See Headley, George W., 3d, assignor.)

Forbell, Charles H., Bayside, Long Island, assignor to Rogers Peet Company, New York, N. Y. Animal figure. 110,861; Aug. 16.

Forbell, Charles H., Bayside, Long Island, assignor to Rogers Peet Company, New York, N. Y. Display stand. 110,940; Aug. 16.

Fosgood Corporation. (See Gagnon, Leo J., assignor.)

Frank, William H., Detroit, Mich. Plate for supporting bus bars in a bus duct system. 110,862; Aug. 16.

Gagnon, Leo J., assignor to Fosgood Corporation, Leominster, Mass. Hair ornament. 110,922; Aug. 16.

General Electric Company. (See Patten, Raymond E., assignor.)

Gerard, Frank B., assignor to Sargent & Company, New Haven, Conn. Combination food chopper unit. 110,923; Aug. 16.

Goldthwaite, Robert S., assignor to Rutenber Electric Company, Marion, Ind. Range. 110,924; Aug. 16.

Greenview Manufacturing Company. (See Siemund, Herman, assignor.)

Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 110,948; Aug. 16.

Harris, Victor E. (See Springer, E. M., and Harris.)

Hawk, Charles E., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 110,894; Aug. 16.

Hawk, Charles E., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 110,895; Aug. 16.

Hayes, Ralph H., and W. L. Smith, Highland Park, Mich. Ball game device. 110,863; Aug. 16.

Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)

Hazel-Atlas Glass Company, The. (See Spence, James E., assignor.)

Headley, George W., 3rd, assignor to P. E. Flato, New York, N. Y. Cigarette case or similar article. 110,864; Aug. 16.
Heller, Robert, New York, assignor to Suffolk Craftsmen, Inc., Huntington, N. Y. Luggage lock or the like. 110,865; Aug. 16.
Holmes, T. J., Company. (See Lohse, Frederick W., assignor.)
Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
Hub Hosiery Mills. (See Connor, W. F., and Carney, assignors.)
Iannelli, Alfonso, Park Ridge, assignor to The Wahl Company, Chicago, Ill. Eraser holder. 110,896; Aug. 16.
Johns, William T., San Antonio, Tex. Illuminated advertising display sign. 110,866; Aug. 16.
Johnson, Herbert C., Wilmette, Ill. Juice extractor. 110,897; Aug. 16.
Katzinger, Edward, Company, The. (See King, Guy N., assignor.)
Katzky, Fritz, Chicago, Ill. Turn signal. 110,898; Aug. 16.
Keane, John. (See Murray, B. A., and Keane.)
Kendrick, Laurence W. (See Brand, A. S., and Kendrick.)
Kidd, Harry M., El Paso, Tex. Face plate for an electric switch. 110,867; Aug. 16.
King, Guy N., London, England, assignor to The Edward Katzinger Company, Chicago, Ill. Jug. 110,899; Aug. 16.
Kovacs, Samuel S., Chicago, Ill. Can or similar container. 110,868; Aug. 16.
Kovacs, Samuel S., Chicago, Ill. Box or similar container. 110,869; Aug. 16.
Kraemer, William D., Maywood, Calif. Bathtub. 110,900; Aug. 16.
Kupper, Herman C., New York, N. Y. Cup or analogous article. 110,901; Aug. 16.
Leto, Frank, New York, N. Y. Coat. 110,925; Aug. 16.
Levine, Isaac E., et al. (See Wein, Rae, assignor.)
Levine, Joseph H., et al. (See Wein, Rae, assignor.)
Levine, Lewis, & Sons. (See Wein, Rae, assignor.)
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Bottle. 110,870; Aug. 16.
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Combined bottle and base therefor. 110,871; Aug. 16.
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Talcum powder container. 110,872; Aug. 16.
Lippmann, Robert M., New York, N. Y. Cap. 110,941; Aug. 16.
Loesch, Edna J., Bloomfield, N. J. Combined bowl and base therefor. 110,902; Aug. 16.
Loewengard, Louise S., Hoboken, N. J. Beach hat or similar article. 110,926; Aug. 16.
Lohse, Frederick W., Attleboro, assignor to T. J. Holmes Company, Inc., Chartley, Mass. Bottle. 110,873; Aug. 16.
Marvin, Agnes, Detroit, Mich. Game board. 110,903; Aug. 16.
Master Electric Company, The, et al. (See Voorhees, E., and Niekamp, assignors.)
Merrifield, Pansy E., St. Joseph, assignor to M. J. Coe, Kansas City, Mo. Lamp guard. 110,904; Aug. 16.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Toy wagon body. 110,874; Aug. 16.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Water heater support or similar article. 110,927; Aug. 16.
Moseley, Tomlinson I., San Francisco, assignor to Motodent Inc., Los Angeles, Calif. Electric toothbrush. 110,928; Aug. 16.
Motodent Inc. (See Moseley, Tomlinson I., assignor.)
Murray, Albert L., Auburn, Ind. Tiltable pin game device. 110,875; Aug. 16.
Murray, Bartholomew A., and J. Keane, Bronx, N. Y. Game board or similar article. 110,905; Aug. 16.
Niekamp, Richard A. (See Voorhees, E., and Niekamp.)
Owens-Illinois Glass Company. (See Hawk, Charles E., assignor.)
Pass & Seymour, Inc. (See Brooks, John W., assignor.)
Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Timer case. 110,906; Aug. 16.
Patz, Dorothy E., New York, N. Y. Combined desk, table, and utility cabinet. 110,907; Aug. 16.
Pichel, Irving, New York, N. Y. Handbag. 110,929; Aug. 16.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan propeller. 110,876; Aug. 16.
Prestyly, Sol, Brooklyn, N. Y. Coat. 110,930; Aug. 16.
Quartz, James, Newton, Mass. Box cover. 110,877; Aug. 16.
Ray, William A., Glendale, Calif. Wall case for a thermostat or similar article. 110,878; Aug. 16.
Ray, William A., Glendale, Calif. Wall case for a thermostat or similar article. 110,879; Aug. 16.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for a phonograph or the like. 110,880; Aug. 16.
Rogers Peet Company. (See Forbell, Charles H., assignor.)
Rosenkrantz, Philip, Brooklyn, N. Y. Knitted fabric. 110,931; Aug. 16.
Roth, Emanuel, New York, N. Y. Lace collar. 110,908; Aug. 16.
Roth, Emanuel, New York, N. Y. Lace collar. 110,909; Aug. 16.
Roth, Emanuel, New York, N. Y. Lace collar. 110,910; Aug. 16.
Rutenber Electric Company. (See Goldthwaite, Robert S., assignor.)
Sargent & Company. (See Gerard, Frank B., assignor.)
Schultz, William L., New York, N. Y. Toilet bottle. 110,881; Aug. 16.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Seeburg, J. P., Corporation. (See Roberts, Henry T., assignor.)
Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Connection for a sectional handle. 110,911; Aug. 16.
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 110,882; Aug. 16.
Smith, Worth L. (See Hayes, R. H., and Smith.)
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede front fork. 110,883; Aug. 16.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede. 110,884; Aug. 16.
Sonberg, Max P., New York, N. Y. Coat. 110,932; Aug. 16.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 110,912; Aug. 16.
Springer, Edward M., and V. E. Harris, Huntington Park, Calif. Combined pipe and identification slip holder. 110,885; Aug. 16.
Steffen, William, New York, N. Y. Hat. 110,933; Aug. 16.
Stevens, Harry A., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistol. 110,886; Aug. 16.
Stevens, Harry A., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistol. 110,887; Aug. 16.
Story & Clark Piano Company. (See Worthington, Everett, assignor.)
Strobel, Bernard E., Guttenberg, N. J. Textile fabric or similar article. 110,934; Aug. 16.
Suffolk Craftsmen, Inc. (See Heller, Robert, assignor.)
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 110,949; Aug. 16.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 110,950; Aug. 16.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 110,951; Aug. 16.
U. S. Slicing Machine Company. (See Debus, Sander, assignor.)
Voorhees, Edgar, Kearny, N. J., and R. A. Niekamp, Dayton, Ohio, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J., and The Master Electric Company, Dayton, Ohio. Pumping unit. 110,935; Aug. 16.
Wahl Company, The. (See Iannelli, Alfonso, assignor.)
Wein, Rae, New York, N. Y., assignor to I. E. and J. H. Levine, doing business as Lewis Levine & Sons, Cincinnati, Ohio. Dress ensemble. 110,942; Aug. 16.
Weyman, James P., San Antonio, Tex. Fruit juice extractor. 110,913; Aug. 16.
Whitcomb, Charles E., Bayside, Long Island, N. Y. Combined writing table and cabinet or similar article. 110,914; Aug. 16.
Wilkie, Leighton A., Minneapolis, Minn. Combined metal band filing and sawing machine. 110,915; Aug. 16.
Wiseman, Adolph D., San Francisco, Calif. Dental applicator. 110,936; Aug. 16.
Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,943; Aug. 16.
Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,944; Aug. 16.
Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,945; Aug. 16.
Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,946; Aug. 16.
Worthington Pump and Machinery Corporation et al. (See Voorhees, E., and Niekamp, assignors.)
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,947; Aug. 16.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 16TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Adams Brothers Incorporated, Ltd. (See Adams, Henry M., assignor.)
Adams, Gridley, Wechawken, N. J. Refrigerator cold saver. 2,127,379; Aug. 16.
Adams, Henry M., assignor to Adams Brothers Incorporated, Ltd., Los Angeles, Calif. Broken pipe clamp. 2,127,456; Aug. 16.
Affel, Herman A., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency converter. 2,126,859; Aug. 16.
Agfa Ansco Corporation. (See Wolff, P., and Sieglitz, assignors.)
Ajax Flexible Coupling Company. (See Welch, William T., assignor.)
Akers, James R., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Drying leather. 2,126,712; Aug. 16.
Akron Brass Manufacturing Company. (See Schellin, J. C., Housekeeper, and Hamilton, assignors.)
Aktiebolaget Elektrolux. (See Engberg, Axel O., assignor.)
Aktiebolaget Facit. (See Annerén, R. E., and Carlström, assignors.)
Aland, Richard C. (See Fishburn, O. E., Patterson, and Aland.)
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Fuel injection system. 2,126,709; Aug. 16.
Aldinger, Jacob G., assignor to York Ice Machinery Corporation, York, Pa. Sealed joint for rotary shafts. 2,127,151; Aug. 16.
Alfaro, Heraclio, Boston, Mass. Scavenging means for internal combustion engines. 2,126,860; Aug. 16.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Antenna system. 2,127,198; Aug. 16.
Allen, Edward R., Summit, N. J., and G. Lutz, Rocky River, Ohio, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Making an iron compound of nitroso-beta-naphthol. 2,127,374; Aug. 16.
Allis-Chalmers Manufacturing Company. (See Gutzwiller, Walter E., assignor.)
Allis-Chalmers Manufacturing Company. (See Nichols, Louis C., assignor.)
Alt, Cornelius A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of fabrics. 2,127,320; Aug. 16.
Altvater, Arthur W., University City, Mo. Combined ink-marking and perforating machine. 2,126,861; Aug. 16.
Aluminum Company of America. (See Akers, James R., assignor.)
Aluminum Company of America. (See Edwards, Junius D., assignor.)
Aluminum Goods Manufacturing Co. (See Fay, Ray H., assignor.)
American Brass Company, The. (See Davis, A. L., and Morrison, assignors.)
American Brass Company, The. (See Smith, Cyril S., assignor.)
American Lurgi Corporation. (See Oppen, E., and Grave, assignors.)
American Magnesium Metals Corporation. (See Lasch, L., and Schichtel, assignors.)
American Optical Company. (See Tillyer, Edgar D., assignor.)
American Pad and Textile Company, The. (See Wesley, Arthur, assignor.)
American Rolling Mill Company, The. (See Canfield, J. J., and McGohan, assignors.)
American Rolling Mill Company, The. (See Murphy, Dan R., assignor.)
American Steam Pump Company. (See Barton, Ben D., assignor.)
American Steel and Wire Company of New Jersey, The. (See Gleason, George A., assignor.)
American Steel and Wire Company of New Jersey. (See Robbins, D. S., and Uihlein, assignors.)
American Type Founders Incorporated. (See Seybold, Frederick W., assignor.)
Ames, Adelbert, Jr., and G. H. Gliddon, assignors to trustees of Dartmouth College, Hanover, N. H. Testing binocular vision. 2,126,713; Aug. 16.
Andale Company. (See McNeal, Daniel R., assignor.)
Andersen, Bjorn, Maplewood, and W. D. Paist, Newark, N. J., assignors to Celluloid Corporation. Articles of cellulosic plastic material. 2,126,714; Aug. 16.
Anderson, John W. (See Buell, Charles L., assignor.)
Andreasson, Rudolf W., Detroit, Mich. Reamer. 2,127,457; Aug. 16.
Andrews, Charles, and W. Hannon, Rockford, Ill., assignors to The Washburn Company, Worcester, Mass. Flour sifter. 2,126,982; Aug. 16.
Andrews, Edward F., Chicago, Ill. Radio receiver. 2,127,488; Aug. 16.
Angell, Charles H. (See Swartwood, K., and Angell.)
Annerén, Rolf E., and B. Carlström, assignors to Aktiebolaget Facit, Atvidaberg, Sweden. Reversing mechanism. 2,127,102; Aug. 16.
Anthony, Mark W., Tyler, Tex. Motorcycle engine transmission. 2,127,384; Aug. 16.
Arabol Manufacturing Company, The. (See Clegg, J. E., and Hilliard, assignors.)
Armstrong Cork Company. (See Gaenzle, Luther E., assignor.)
Arnold, George A. (See Williams, L. W., and Arnold.)
Arver, Joseph F., assignor to J. F. Arver and H. E. Ruttenberg, Co-partners, doing business as Hidstitch Company, St. Paul, Minn. Blind-stitch attachment for sewing machines. 2,126,715; Aug. 16.
Ashton, Philip E., Meriden, Conn. Cigar lighter. 2,126,710; Aug. 16.
Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See von Manteuffel, Gert Z., assignor.)
Askania-Werke A. G., vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, G., and von Manteuffel, assignors.)
Associated Electric Laboratories, Inc. (See Miller, Merton R., assignor.)
Atkinson, Charles L., Cynthiana, Ky. Wall cleaning apparatus. 2,127,051; Aug. 16.
Atlantic Coast Fisheries Company, The. (See Taylor, H. F., and Cooke, assignors.)
Atwood, Harry N., South Lyndeboro, N. H. Composite structural unit and making the same. 2,126,711; Aug. 16.
Audubon Wire Cloth Corporation. (See Guba, Raymond J., assignor.)
Austhoff, Henry, Grand Rapids, Mich. Cement shingle. 2,127,199; Aug. 16.
Autogiro Company of America. (See Campbell, Harris S., assignor.)
Automatic Signal Corporation. (See Barker, J. L., and Wilcox, assignors.)
Aviation Manufacturing Corporation. (See Lampton, Glen T., assignor.)
Baash, Lawrence F. (See Driscoll, Dennis L., assignor.)
Babcock & Wilcox Company, The. (See Bailey, E. G., and Kerr, assignors.)
Babcock & Wilcox Company, The. (See Beecher, Henry W., assignor.)
Babcock & Wilcox Company, The. (See Bumstead, Dale, Jr., assignor.)
Bailey, Ervin G., Easton, Pa., and H. J. Kerr, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,126,862; Aug. 16.
Bailey Meter Company. (See Hardgrove, Ralph M., assignor.)
Bain, George W. (See Briant, R. C., and Bain.)
Bakelite Corporation. (See Marshall, Walter R., assignor.)
Baker, Curt, assignor to Miller Sand Pump Company, Oklahoma City, Okla. Well clean-out tool. 2,127,019; Aug. 16.
Baker, David B. (See Johnston, E. A., Baker, and Rogers.)
Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 2,126,716; Aug. 16.
Barge, George H., Jamaica, N. Y., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoe last. 2,126,941; Aug. 16.
Barkeij, F. A. H. (See Barkeij, Jean A. H., assignor.)
Barkeij, Jean A. H., Altadena, Calif., assignor to F. A. H. Barkeij, Malang, Java, Dutch East Indies. Inlet manifold for internal combustion engines. 2,127,079; Aug. 16.
Barker, John L., White Plains, and H. A. Wilcox, Bronxville, assignor to Automatic Signal Corporation, New York, N. Y. Timer. 2,127,080; Aug. 16.
Barkley, Earnest L., Jr. (See Snow, E. L., and Barkley.)
Barnby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Vacuum sealing machine. 2,126,942; Aug. 16.
Barnett, Guy D., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,127,321; Aug. 16.
Barnhart, George E., Pasadena, Calif. Variable action tubular shaft. 2,126,717; Aug. 16.
Baron, Herman, San Salvador, El Salvador. Fountain pen. 2,127,385; Aug. 16.

Barron, William L., Laurence Harbor, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Brake device for sewing machines. 2,127,281; Aug. 16.

Barton, Ben D., assignor to American Steam Pump Company, Battle Creek, Mich. Governor for fire-pump apparatus. 2,126,863; Aug. 16.

Batenburg, Peter J. F., Racine, Wis. Portable liquid diffusing device. 2,126,718; Aug. 16.

Bates, Albert H., assignor to Liberty Foundries Company, Rockford, Ill. Heater. 2,126,696; Aug. 16.

Bath, Wilmer H., West Conshohocken, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal machine. 2,126,864; Aug. 16.

Beall, Don L., Goshen, Ind. Self-cleaning rake. 2,126,719; Aug. 16.

Beatty, David E. (See Uecker, R. A., Rambo, and Beatty.)

Beatty, David E., and I. G. Rambo, Wauwatosa, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del. 2,126,720; Aug. 16.

Becker, Hans. (See Vollmann, H., and Becker.)

Beckett, Clay C., Washington, D. C. Golf ball teeing device. 2,127,282; Aug. 16.

Beecher, Henry W., Seattle, Wash., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange device. 2,126,721; Aug. 16.

Beicher, Earl I. (See Owens, C. A., White, and Beicher.)

Bel Geddes, Norman, assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,127,212; Aug. 16.

Bell Telephone Laboratories, Incorporated. (See Affel, Herman A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bobis, Stephen, assignor.)

Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Engelhardt, George B., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hight, Stuart C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Kelsay, LeRoy W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Knott, William M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Norton, Edward L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Peterson, Liss C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Snow, W. B., and Steinberg, assignors.)

Bell Telephone Laboratories, Incorporated. (See Spyut, Albert B., assignor.)

Bendix Aviation Corporation. (See Heintz, Ralph M., assignor.)

Benedek, Elek K., Bucyrus, Ohio. Variable displacement pump and balancing hydrostatic load. 2,126,722; Aug. 16.

Bengston, Sven E., Stockholm, Sweden. Carburetor. 2,127,386; Aug. 16.

Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Printing counter for fluid meters. 2,127,243; Aug. 16.

Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Setting mechanism for predetermining counters. 2,127,244; Aug. 16.

Berner, Adolf E. G., Copenhagen, assignor of three-fourths to E. Feldman, Charlottenlund, near Copenhagen, Denmark. Graveling device for spraying of gravel in front of the wheels of an automobile. 2,126,865; Aug. 16.

Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,126,943; Aug. 16.

Beth-Mary Steel Corporation. (See Mackie, Irwin C., assignor.)

Bezzenberger, Frederick K., Shaker Heights, Ohio, assignor to A. Kietz, Bellevue, Wash., and P. D. Spaeth, Cincinnati, Ohio. Permanent waving process and apparatus. 2,127,458; Aug. 16.

Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)

Bigelow, Willard L., Newport, Ky. Goggle set. 2,126,697; Aug. 16.

Billing, Wyly M., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Preparation of polybasic acids or anhydrides. 2,126,944; Aug. 16.

Bird, John L. (See Hodgman, F. S., and Bird.)

Bishop & Babcock Mfg. Company, The. (See Findley, Howard J., assignor.)

Bisonit G. m. b. H. (See Gullich, Kurt, assignor.)

Blair, Rolandis A., Columbia City, Ind. Rail anchor. 2,126,983; Aug. 16.

Blessing, William H. (See Oberender, J. L., and Blessing.)

Bliss, E. W., Company. (See Cannon, Earl, assignor.)

Blomberg, Knut H., Appelviken, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Selector. 2,127,322; Aug. 16.

Board, William S., Middleport, Ohio. Pipe coupling. 2,127,284; Aug. 16.

Bobis, Stephen, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,127,201; Aug. 16.

Bock, Clarence H., assignor to Hydraulic Brake Company, Detroit, Mich. Brake for motor vehicles. 2,126,984; Aug. 16.

Bodell, Henry R. (See Snowdon, A. B., and Bodell.)

Bodle, Virgil H., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Glove and making the same. 2,126,723; Aug. 16.

Boersma, Reemer A., assignor to Duffy Manufacturing Company, Holland, Mich. Accelerator pedal. 2,127,200; Aug. 16.

Bohme, H. Th. Aktiengesellschaft. (See Normann, W., and von Schuckmann, assignors.)

Bonser, Frank. (See Reynolds, W., and Bonser.)

Boog, Richard K., Newark, N. J. Collar clasp. 2,126,866; Aug. 16.

Boone, Loys S., Hugheston, W. Va. Air compressor. 2,127,152; Aug. 16.

Borg-Warner Corporation. (See Emerson, John R., assignor.)

Bostwick Steel Lath Company, The. (See Hurlbert, William G., Jr., assignor.)

Boulard, Gabriel, Paris, France. Hair curler. 2,127,349; Aug. 16.

Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of dithiocarbamic acids. 2,127,375; Aug. 16.

Bower, Joseph, et al. (See Gough, Joseph, assignor.)

Bowman, Samuel G. (See Moorhouse, A., and Bowman.)

Boyle, Clete L., Detroit, Mich. Rust inhibiting composition. 2,127,202; Aug. 16.

Boynton, Arthur J., assignor to H. A. Brassert & Company, Chicago, Ill. Furnace and the operation thereof. 2,126,724; Aug. 16.

Bragg, Caleb S., Palm Beach, Fla. Brake drum. 2,126,945; Aug. 16.

Brand, Albert, Munich, Germany. Ampule. 2,127,203; Aug. 16.

Brassert, H. A., & Company. (See Boynton, Arthur J., assignor.)

Bratt, Donald, Goteborg, Sweden. Lock nut. 2,127,153; Aug. 16.

Brattain, Paul L., Azusa, Calif. Self locking bumper coupling. 2,127,387; Aug. 16.

Brecht, Friedrich L., San Francisco, Calif. Dental bridge lock. 2,127,285; Aug. 16.

Breeler, Walter R., Troy, assignor to Ludlum Steel Co., Watervliet, N. Y. Alloy. 2,127,245; Aug. 16.

Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body element. 2,127,323; Aug. 16.

Brewer, Nathaniel, Lansdowne, assignor to The Sharpless Specialty Company, Philadelphia, Pa. Acid treatment of petroleum white oil stock. 2,126,867; Aug. 16.

Brewer-Titchener Corporation, The. (See Wenn, Floyd D., assignor.)

Briant, Raymond C., Pittsburgh, Pa., and G. W. Bain, Amherst, Mass., assignors to Vermont Marble Company, Proctor, Vt. Producing translucent stone slabs. 2,126,725; Aug. 16.

Bright Light Reflector Co. Inc. (See Litner, Isaac, assignor.)

Brodie, Ralph N., Company. (See Berck, William F., assignor.)

Brown, Charles H., Brooklyn, N. Y., assignor to Radio Corporation of America. Tuned circuit. 2,126,868; Aug. 16.

Brown Company. (See Richter, George A., assignor.)

Brown Company. (See Richter, G. A., and Lovering, assignors.)

Brown, Robert R., Upper Montclair, N. J., assignor to Outserts, Incorporated, New York, N. Y. Folder for containers. 2,127,081; Aug. 16.

Brunker, George N., Salt Lake City, Utah. Weather strip for closures. 2,126,726; Aug. 16.

Brunker, George N., Salt Lake City, Utah. Weather strip for closures. 2,126,727; Aug. 16.

Bruson, Herman A., Elkins Park, and O. Stein, Lansdowne, assignors to Röhm & Haas Company, Philadelphia, Pa. Reaction products of a primary alcohol and a tertiary aralkyl amine sulphuric acid salt. 2,127,103; Aug. 16.

Bucklin, Harrison, Rochester, N. Y. Vehicle. 2,127,104; Aug. 16.

Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,126,985; Aug. 16.

Buell, Charles L., Xenia, Ohio, assignor to J. W. Anderson, Gary, Ind. Automatically adjusting razor. 2,126,728; Aug. 16.

Bugge, Vernon T., Los Angeles, Calif., assignor of one-half to C. W. McAnally. Display device. 2,126,729; Aug. 16.

Buggie, H. H., & Company. (See Cook, Everett J., assignor.)

Bumstead, Dale, Jr., Portland, Oreg., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler and furnace. 2,126,730; Aug. 16.

Burchenal, William, Glendale, and A. J. Pfohl, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Method of and apparatus for making formed bituminous bodies. 2,126,869; Aug. 16.

Burger, Arthur, New York, N. Y. Wardrobe case. 2,126,986; Aug. 16.

Burk, George W., assignor to A. F. Lange, Chicago, Ill. Handling implement for plate glass and the like. 2,127,154; Aug. 16.

Burnham, Stanley W., Elizabeth, asignor to Merck & Co. Inc., Rahway, N. J. Liquid dispensing means. 2,126,731; Aug. 16.

Burt, Daniel W., Providence, R. I. Safety device for automobiles. 2,126,946; Aug. 16.

Burt Manufacturing Company, The. (See Whitaker, Anton K., asignor.)

Bush, A. G. (See Criner, Harry J., assignor.)

Bush, Vannevar, Belmont, Mass., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Apparatus for transferring heat. 2,127,286; Aug. 16.

Calco Chemical Co., The. (See Crossley, M. L., and Shafer, assignors.)

Caldwell, John B., Toronto, Ontario, Canada. Overhead door. 2,127,155; Aug. 16.

Calorider Corporation, The. (See Weiss, John M., assignor.)

Cambridge, Allan S., Dalrachney Station, Omarama, New Zealand. Mowing machine. 2,127,053; Aug. 16.

Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Mold. 2,127,204; Aug. 16.

Campbell, Harris S., assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft sustaining rotor. 2,127,105; Aug. 16.

Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)

Canfield, Jesse J., and G. W. McGohan, assignors to The American Rolling Mill Company, Middletown, Ohio. Metal article for coating. 2,127,388; Aug. 16.

Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Prefill valve for hydraulic presses. 2,127,324; Aug. 16.

Capps, Washington T., Baltimore, Md., assignor, by mesne assignments, to Standard Stoker Company, Inc. (1922), New York, N. Y. Sectional fuel distributor. 2,127,459; Aug. 16.

Carey, Philip Manufacturing Company, The. (See Burchenal, W., and Pfohl, assignors.)

Carl, Leroy R., Buffalo, N. Y. Primary detonating explosive. 2,127,106; Aug. 16.

Carlson, Clarence G., Oakland, Calif. Infant trainer. 2,127,020; Aug. 16.

Carlström, Bengt. (See Annerén, R. E., and Carlström.)

Carnes, Frederick, Portland, Maine. Water-heating system. 2,126,732; Aug. 16.

Carpenter, Lynnville A., Neenah, Wis., and E. J. Schreiner, Knoxville, Tenn., assignors to Oxford Paper Company. Photoelectric gloss meter. 2,127,477; Aug. 16.

Carson, William E., Riverton, Va. Making rock wool preparations. 2,127,287; Aug. 16.

Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Culvert. 2,126,870; Aug. 16.

Cassidy, Thomas A., assignor to Wilmot and Cassidy, Inc., Brooklyn, N. Y. Producing coeroxenol esters. 2,127,107; Aug. 16.

Catt, Harold W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making elastic rubber transmission bands. 2,126,733; Aug. 16.

Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)

Celanese Corporation of America. (See Schneider, George, assignor.)

Celanese Corporation of America. (See Snowdon, A. B., and Bodell, assignors.)

Celanese Corporation of America. (See Steinberger, Alfred J., assignor.)

Celanese Corporation of America. (See Whitehead, William, assignor.)

Celluloid Corporation. (See Anderson, B., and Paist, assignors.)

Cen-Tennial Cotton Gin Company. (See Roberts, Hugh, Jr., assignor.)

Central Scientific Company. (See Hornberger, Carl S., assignor.)

Cesar, Guy F. A., Saumur, France. Manufacture of masks. 2,127,054; Aug. 16.

Chamberlain Corporation. (See Etten, N. L., assignor, and Christensen.)

Chamberlain Metal Weather Strip Company. (See Julien, Louis F., assignor.)

Chancey, Ernest C., Detroit, Mich. Heating pad. 2,126,734; Aug. 16.

Chapoton, Hamilton J., Utica, Mich. Hinge. 2,127,156; Aug. 16.

Chemische Forschungsgesellschaft, m. b. H. (See Herrmann, W. O., and Haehnel, assignors.)

Chicago Flexible Shaft Company. (See Nelson, John W., assignor.)

Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Engine accessory drive. 2,127,460; Aug. 16.

Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rocking dynamic damper. 2,127,462; Aug. 16.

Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Reduction gear. 2,127,463; Aug. 16.

Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Planetary reduction gear. 2,127,464; Aug. 16.

Chilton, Roland, Ridgewood, and R. F. Gagg, Fairlawn, assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Cylinder head attachment. 2,127,461; Aug. 16.

Christensen, Fred A. (See Etten, N. L., and Christensen.)

Christiansen, Christian, Oslo, and G. O. K. Rüsch, Mandal, Norway. Hemp breaking machine. 2,127,157; Aug. 16.

Christman, Peter J., Green Bay, Wis. Embossing, perforating and rewinding machine. 2,127,246; Aug. 16.

Christopher, William M., Tonawanda, N. Y. Wringer-mop apparatus. 2,127,055; Aug. 16.

Chrysler Corporation. (See Barnett, Guy D., assignor.)

Chrysler Corporation. (See Breer, Carl, assignor.)

Chrysler Corporation. (See Fishburn, O. E., Patterson, and Aland, assignors.)

Chrysler Corporation. (See Ploetz, Walted F., assignor.)

Chrysler Corporation. (See Roualet, Andre J. E., assignor.)

Chrysler Corporation. (See Tyken, John G., assignor.)

Church, Albert H., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers. 2,127,390; Aug. 16.

Church, Albert H., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers. 2,127,465; Aug. 16.

Church, Elton C., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers, bottles, tubes, cans and the like. 2,127,389; Aug. 16.

Cincinnati Traction Building Company, The. (See Schoepf, T. H., and Ritchie, assignors.)

Claff, C. Lloyd, trustee, et al. (See Moeller, Carl A., assignor.)

Claff, Mary A., trustee, et al. (See Moeller, Carl A., assignor.)

Clapham, Thomas. (See van Beek, H., and Clapham.)

Clark, Harold W., assignor to The McCaskey Register Company, Alliance, Ohio. Slidable drawer. 2,127,158; Aug. 16.

Clark, Otho A., Atherton, assignor of one-third to O. D. Hughes, Independence, Mo. Sweep rake. 2,127,441; Aug. 16.

Clark, William M., et al. (See Mitchell, Hollis F., assignor.)

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,127,325; Aug. 16.

Clay Equipment Corporation. (See Clay, J. B., and Wille, assignors.)

Clay, Joseph B., and W. O. Wille, assignors to Clay Equipment Corporation, Cedar Falls, Iowa. Stanchion. 2,127,021; Aug. 16.

Clayton & Lambert Manufacturing Company. (See Lambert, Charles F., assignor.)

Clayton Manufacturing Company. (See Griswold, Donald G., assignor.)

Clegg, John E., Hempstead, and F. C. Hilliard, Setauket, assignors to The Arabol Manufacturing Company, New York, N. Y. Manufacturing dextrine. 2,127,205; Aug. 16.

Cleveland Hobbing Machine Company, The. (See Staples, Otis E., assignor.)

Cocke, Emory L., Atlanta, Ga. Food product and process of making. 2,126,947; Aug. 16.

Cocozella, Albert J. and A., Jr., Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for rotating screws. 2,126,735; Aug. 16.

Cocozella, Anthony, Jr. (See Cocozella, Albert J. and A., Jr.)

Coffelder, Thomas N., Pittsburgh, Pa. Radiator core structure. 2,126,736; Aug. 16.

Cohen, Theodore, New York, N. Y. Shirt collar band edge trimmer and notching machine. 2,127,326; Aug. 16.

Cole, Howard W., Conyngham, Pa. Windshield defroster attaching and retaining means. 2,127,391; Aug. 16.

Colihan, Thomas J., Girardville, Pa. Draft regulator. 2,127,288; Aug. 16.

Collins, Edward, 3rd., Philadelphia, Pa. Thermostat for electric circuits. 2,127,159; Aug. 16.

Commonwealth Engineering Corporation. (See Toulmin, Harry A., Jr., assignor.)

Comstock, Gregory J., Fairfield, assignor to Handy & Harman, Bridgeport, Conn. Manufacture of articles from powdered materials. 2,126,737; Aug. 16.

Consolidated Aircraft Corporation. (See Laddon, Isaac M., assignor.)

Converse, Tommy J., Bellingham, Wash. Electric signal switch. 2,126,871; Aug. 16.

Cook, Everett J., assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,127,160; Aug. 16.

Cook, Everett J., assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,127,161; Aug. 16.

Cooke, Alexander H. (See Taylor, H. F., and Cooke.)

Coolerator Company, The. (See La Casse, William J., assignor.)

Copeland, Elisha S., Batesburg, S. C. Metal roof joint. 2,127,392; Aug. 16.

Corbin, Elbert A., Jr., Lenni, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Molding machine. 2,126,738; Aug. 16.

Corbin, Elbert A., Jr., Philadelphia, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Valve. 2,126,739; Aug. 16.

Cornell Securities Corporation. (See Lockhart, William, assignor.)

Corrall, Herbert, St. Alban, Helensburg, and B. A. Stevens, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Honing device. 2,127,289; Aug. 16.

Costa de Beauregard, Amédée, Paris, France. Temperature regulating mixing apparatus for fluids. 2,127,162; Aug. 16.

Craver, Augustus E. (See Reichel, F. H., and Craver.)

Creed and Company Limited. (See Salmon, Reginald D., assignor.)

Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,126,987; Aug. 16.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,127,486; Aug. 16.

Crossley, Moses L., Plainfield, and L. M. Shafer, Highland Park, assignors to The Calco Chemical Co., Inc., Bound Brook, N. J. Orange disazo dyes. 2,127,478; Aug. 16.

Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Drift recording apparatus. 2,126,740; Aug. 16.

Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Shock dissipating spear. 2,126,741; Aug. 16.

Cumfer, Harry A., Glen Ellyn, Ill. High temperature saturating or coating apparatus. 2,126,872; Aug. 16.

Curtin-Howe Corporation. (See Curtin, Leo P., assignor.)

Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Coating metal. 2,127,206; Aug. 16.

Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Applying bonding coating to metal and product thereof. 2,127,207; Aug. 16.

Curtis Companies Incorporated. (See Pinney, Byron R., assignor.)

Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)

Czajkowski, Francis T., assignor of one-half to R. M. Swangler, Morrisville, Pa. Game apparatus. 2,126,873; Aug. 16.

Darragh, Harry W., Effingham, Ill., assignor to Vulcan Corporation, Portsmouth, Ohio. Manufacturing shoe heels. 2,127,208; Aug. 16.

Dartmouth College, Trustees of. (See Ames, A., Jr., and Gliddon, assignors.)

Davis, Albert L., Watertown, and S. T. Morrison, New York, N. Y. assignors to The American Brass Company, Waterbury, Conn. Lipstick container. 2,127,350; Aug. 16.

Davis, Donald M., Reading, Pa. Leaf spring unit for vehicles. 2,127,351; Aug. 16.

Davis, Grover, Morristown, S. Dak. Toy vehicle. 2,127,056; Aug. 16.

Davis, Joseph, South Orange, N. J. Tool handle. 2,127,163; Aug. 16.

Dawson, David H., East Orange, N. J., and I. J. Krchma, Brooklyn, and R. M. McKinney, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Preparation of compounds of titanium. 2,127,247; Aug. 16.

Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)

Deerborn, Frederick E., Washington, D. C., dedicated to the free use of the People of the United States. Insecticide and fungicide. 2,127,380; Aug. 16.

Decal Automatic Corporation. (See Kott, Herbert, assignor.)

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,742; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Boron alloy. 2,126,743; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,744; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,745; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,746; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,747; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,748.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,749; Aug. 16.

De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,750; Aug. 16.

Delagrange, Carl R., Fall River, assignor to Firestone Cotton Mills, New Bedford, Mass. Traveler for twister rings. 2,127,082; Aug. 16.

De La Mater, R. G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Hydrodynamic brake. 2,126,751; Aug. 16.

De Millar, Floyd O., assignor to D. W. Flint, Providence, R. I. Automatic door check construction. 2,127,327; Aug. 16.

Dennerlein, Paul, Stuttgart-Unterturkheim, assignor to R. Stahl A. G., Stuttgart, Germany. Escalator. 2,127,164; Aug. 16.

Derris, Inc. (See Wotherspoon, Robert, assignor.)

Deschamps, Desiré J., and C. J. Lane, assignors to Eclipse Aviation Corporation, East Orange, N. J. Valve for pumps. 2,126,874; Aug. 16.

Detroit Gasket & Mfg. Co. (See Balfe, George T., assignor.)

Devine, Harry A., and F. M. Molitor, assignors to Harley-Davidson Motor Company, Milwaukee, Wis. Bracing guard for motorcycles and similar two-wheeled vehicles. 2,126,752; Aug. 16.

Dewhirst, Harry, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Paving unit. 2,126,948; Aug. 16.

Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)

Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selection controlling apparatus for telephone systems. 2,126,875; Aug. 16.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway container. 2,126,949; Aug. 16.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Material transporting means. 2,126,950; Aug. 16.

Dixie Wax Paper Company. (See Moore, Stuart, assignor.)

Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutter. 2,126,951; Aug. 16.

Doman, Carl T., Geddes, N. Y. Transmission unit for motor vehicles. 2,126,876; Aug. 16.

Doney, Charles L., San Pedro, Calif. Packing machine. 2,127,393; Aug. 16.

Doney, Charles L., San Pedro, Calif. Endless conveyer type packing machine. 2,127,394; Aug. 16.

Dorough, George L., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing resinous material and product. 2,127,248; Aug. 16.

Dowdy, Morton T., Bakersfield, Calif. Folding hospital stool. 2,127,442; Aug. 16.

Drake, Harry W., Marshall, Ill. Steering device for trailers. 2,127,057; Aug. 16.

Dreyfus, Camille, New York, N. Y. Composite fabric and making same. 2,126,753; Aug. 16.

Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Fabric and preparing same. 2,126,754; Aug. 16.

Dreyfus, Camille, New York, N. Y. Making a composite fabric. 2,126,755; Aug. 16.

Dreyfus, Camille, New York, N. Y. Composite fabric and making same. 2,126,756; Aug. 16.

Dreyfus, Camille, New York, N. Y. Adhering a monogram to a base material. 2,126,757; Aug. 16.

Dreyfus, Camille, New York, N. Y. Composite fabric and making same. 2,126,758; Aug. 16.

Dreyfus, Camille, New York, N. Y. Composite fabric and making the same. 2,126,759; Aug. 16.

Dreyfus, Henry, London, England. Hydration of olefines. 2,126,952; Aug. 16.

Driscoll, Dennis L., assignor to L. F. Baash, Los Angeles, Calif. Well drilling apparatus. 2,127,108; Aug. 16.

Dube, John E. (See Giesler, J. V., and Dube.)

Dubilier Condenser Corporation. (See Dubilier, William, assignor.)

Dubilier, William, New Rochelle, assignor to Dubilier Condenser Corporation, New York, N. Y. Condenser. 2,127,352; Aug. 16.

Duchan, Bennie, New York, N. Y. Knee pad for sewing machines. 2,127,209; Aug. 16.

Duering, Carl F. (See Imbertson, N. M., and Duering.)

Duffy Manufacturing Company. (See Boersma, Reemer A., assignor.)

Dunbar, Howard W., assignor to Norton Company, Worcester, Mass. Grinding and lapping machine. 2,127,210; Aug. 16.

Duncan, Albert S., and A. L. Stowell, assignors to The Stanley Works, New Britain, Conn. Collable measuring rule. 2,127,443; Aug. 16.

Dupler, Raymond R., Toledo, Ohio. Illuminated globe mounting. 2,127,249; Aug. 16.

Du Pont, E. I., de Nemours and Company. (See Allen, E. R., and Lutz, assignors.)

Du Pont, E. I., de Nemours & Company. (See Alt, Cornelius A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)

Du Pont, E. I., de Nemours and Company. (See Dawson, D. H., Krchma and McKinney, assignors.)

Du Pont, E. I., de Nemours & Company. (See Dorough, George L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Havas, Emeric, assignor.)

Du Pont, E. I., de Nemours & Company. (See Heyn, Walther, assignor.)

Du Pont, E. I., de Nemours & Company. (See Sly, Caryl, assignor.)

Du Pont, E. I., de Nemours & Company. (See Vaughen, John V., assignor.)

Du Pont, E. I., de Nemours & Company. (See Whelen, Myron S., assignor.)

Durant Manufacturing Company. (See Hennessy, Mark M., assignor.)

Dutton, John C. (See Spencer, S. B., and Dutton.)

Earll, Charles I., York, Pa. Bracket. 2,126,953; Aug. 16.

Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,126,760; Aug. 16.

Eastman Kodak Company. (See Mees, Charles E. K., assignor.)

Eck, Anna, executrix. (See Eck, Joseph B.)

Eck, Joseph B., deceased; A. Eck, executrix, assignor to Garton Toy Company, Sheboygan, Wis. Adjustable saddle for coaster wagon boxes. 2,126,698; Aug. 16.

Eclipse Aviation Corporation. (See Deschamps, D. J., and Lane, assignors.)

Eclipse Machine Company. (See McGrath, William L., assignor.)

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,127,211; Aug. 16.

Edwards, Junius D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Stabilizing coating on aluminum. 2,126,954; Aug. 16.

Egan, Frank J., Glen Ridge, N. J. Traveling incinerator. 2,127,328; Aug. 16.

Eggebrecht, Carl D., Bayside, N. Y. Theftproof milk bottle receptacle. 2,127,022; Aug. 16.

Ehrat, Jean J., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Diesel engine. 2,127,165; Aug. 16.

Eismann, Oswald E., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Apparatus for ripping raw tobacco leaves. 2,127,329; Aug. 16.

Electric Lamp Corporation. (See Martin, Curtis J., assignor.)

Electric & Musical Industries Limited. (See Percival, W. S., and White, assignors.)

Emerson, John R., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Carburetor. 2,127,444; Aug. 16.

Emrich, William, Jr., et al. (See Mitchell, Hollis F., assignor.)

Engberg, Axel O., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Surface treating apparatus. 2,126,761; Aug. 16.

Engelhardt, George B., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Driving means for adjustable apparatus. 2,127,109; Aug. 16.

Engelstein, Alvin, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,988; Aug. 16.

Engelstein, Alvin, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,989; Aug. 16.

Etten, Nicholas L., and F. A. Christensen; said Etten assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer mechanism. 2,127,479; Aug. 16.

Eureka Prospect. (See Stott, George F., assignor.)

Evans, Benjamin A. (See Stewart, G. H., and Evans.)

Evans, Powell, Haverford, Pa. Fire extinguisher. 2,127,395; Aug. 16.

Ex-Cell-O Corporation. (See Alden, Carroll R., assignor.)

Exhibit Supply Company. (See Kramer, E., Shields, and Gitelson, assignors.)

Faber, Gertrude. (See Faber, Philip, assignor.)

Faber, John, Jr., Haledon, N. J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Curtain stretching and drying apparatus. 2,126,762; Aug. 16.

Faber, Philip, assignor to Gertrude Faber, Brooklyn, N. Y. Game. 2,127,396; Aug. 16.

Fairmount Tool and Forging Company, The. (See Kroecker, Jacob J., assignor.)

Falk Corporation, The. (See Falk, Herman W., assignor.)

Falk, Herman W., assignor to The Falk Corporation, Milwaukee, Wis. Machine tool transmission. 2,127,023; Aug. 16.

Farina, Giovanni, Turin, Italy. Hydraulic brake mechanism. 2,127,290; Aug. 16.

Farkas, Frank F., et al. (See Snyder, Ward H., assignor.)

Farrand, Clair L., Beverly Hills, assignor to United Research Corporation, Burbank, Calif. Acoustic device. 2,127,110; Aug. 16.

Fay, Ray H., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis. Cooking utensil handle. 2,127,250; Aug. 16.

Feisst, Walter. (See Martin, F., Roelen, and Feisst.)

Feldman, Elias. (See Berner, Adolf E. G., assignor.)

Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)

Ferrocart Corporation of America. (See Vogt, Hans, assignor.)

Findell, George, Flushing, N. Y. Device for operating Venetian blinds. 2,127,330; Aug. 16.

Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Electric motor. 2,127,166; Aug. 16.

Firestone Cotton Mills. (See Delagrange, Carl R., assignor.)

Firmitana Metallkeramik G. m. b. H. (See Heimberger, Walter, assignor.)

Fischer, August C., St. Louis County, Mo. Textile treatment. 2,127,252; Aug. 16.

Fischer, Earl K. (See Ryan, L. W., and Fischer.)

Fischer, Edward F., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Magnesium alloy. 2,127,253; Aug. 16.

Fischer, Edward F., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Magnesium alloy. 2,127,254; Aug. 16.

Fischer, Oskar, Kappelhof, near Friedrichshafen, Germany. Typewriting machine. 2,127,251; Aug. 16.

Fishburn, Otto E., and H. F. Patterson, Detroit, and R. C. Aland, Highland Park, assignors to Chrysler Corporation, Detroit, Mich. Power transmission. 2,127,353; Aug. 16.

Fishburn, Otto E., and H. F. Patterson, Detroit, and R. C. Aland, Highland Park, assignors to Chrysler Corporation, Detroit, Mich. Power transmission. 2,127,354; Aug. 16.

Fitch, Benjamin F., Greenwich, Conn. Apparatus for transferring freight containers. 2,126,763; Aug. 16.

Fitch, Benjamin F., Greenwich, Conn. Railway car. 2,126,764; Aug. 16.

Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio. Freight transferring apparatus. 2,127,058; Aug. 16.

Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Apparatus for transferring freight. 2,127,481; Aug. 16.

Fitch, Benjamin F., Greenwich, Conn. Freight handling vehicle. 2,127,482; Aug. 16.

Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Transfer system for freight containers. 2,127,480; Aug. 16.

Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Antifoaming and antifreezing mixtures. 2,127,490; Aug. 16.

Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Foam controlling composition. 2,127,491; Aug. 16.

Flint, Dutee W. (See De Millar, Floyd O., assignor.)

Flint, Perley G., Brockton, Mass. Shoe. 2,127,255; Aug. 16.

Florian, Berkeley J., Plantsville, Conn. Folding scissors. 2,126,699; Aug. 16.

Food Machinery Corporation. (See Paxton, Hale, assignor.)

Foote, Daniel J. (See Schamp, C. H., and Foote.)

Ford, Charles R., Alhambra, Calif. Garment protector and support. 2,127,024; Aug. 16.

Forest City Foundries Company, The. (See Kuenhold, Otto J., assignor.)

Forni, George, Oakland, Calif. Meter box. 2,126,700; Aug. 16.

Foster, Frank A., Maywood, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,126,877; Aug. 16.

Francis, William H. (See Hansen, N. C., and Francis.)

Fraters, William M., Balboa Island, Calif. Floor drain. 2,127,167; Aug. 16.

Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Strainer. 2,127,397; Aug. 16.

Freeman, Claud W., Fort Worth, Tex. Foldable furniture. 2,127,398; Aug. 16.

Freeman, Paul B., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier sealing. 2,126,765; Aug. 16.

Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix font distinguisher. 2,127,467; Aug. 16.

Fried. Krupp Grusonwerk Aktien-Gesellschaft. (See Johannsen, F., and Völkel, assignors.)

Fulton, Otho, New York, N. Y. Apparatus for use in facsimile transmitting systems. 2,127,331; Aug. 16.

Fulton Sylphon Company, The. (See Giesler, J. V., and Dube, assignors.)

Gaenzle, Luther E., assignor to Armstrong Cork Company, Lancaster, Pa. Insulated structure. 2,127,111; Aug. 16.

Gagg, Rudolph F. (See Chilton, R., and Gagg.)

Gahl, William E. (See Tintera, G. E., and Gahl.)

Gaisser, Friedrich. (See Schneider, A., and Gaisser.)

Galli, Leon C., Dunedin, New Zealand. Safety device for use by drivers of motor cars and the like. 2,126,878; Aug. 16.

Gammache, Frank J., Lancaster, Pa. Grinder. 2,126,879; Aug. 16.

Gardner Dairy Equipment Corporation. (See Gardner, J. H., and Plastridge, assignors.)

Gardner, Edson F., Covington Township, Lackawana County, Pa. Pumping apparatus. 2,126,880; Aug. 16

Gardner, John H., and L. C. Plastridge, assignors to Gardner Dairy Equipment Corporation, La Porte, Ind. Liquid homogenizing apparatus. 2,127,291; Aug. 16.

Garton Toy Company. (See Eck, Joseph B., assignor.)

Gatzke, Paul, Berlin-Pankow, Germany. Apparatus for firing ceramic material. 2,126,881; Aug. 16.

Gegenheimer, William, Brooklyn, assignor to Willard Manufacturing Corporation, New York, N. Y. Side guide for printing presses. 2,127,292; Aug. 16.

Geigy, J. R., A. G. (See Müller, Paul, assignor.)

General Aniline Works, Inc. (See Kerth, Max, assignor.)

General Aniline Works, Inc. (See Lange, Werner, assignor.)

General Aniline Works, Inc. (See Müller, F., Schumacher, and Scherer, assignors.)

General Aniline Works, Inc. (See Thurm, Alfred, assignor.)

General Aniline Works, Inc. (See Vollmann, H., and Becker, assignors.)
General Electric Company. (See Kaar, Ira J., assignor.)
General Electric Company. (See Scheldorf, Marvel W., assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Suits, Chauncey G., assignor.)
General Motors Corporation. (See Murden, William T., assignor.)
General Motors Corporation. (See Smith, Harry F., assignor.)
General Patents, Limited. (See McRae, Randolph J., assignor.)
George, Siman C., Greensburg, and J. J. Weber; said J. J. Weber assignor to E. C. Weber, Pittsburgh, Pa. Safety device for hydraulic brake systems. 2,127,399; Aug. 16.
Gerbermann, Frank J., St. Louis, Mo. Flower holder. 2,126,766; Aug. 16.
Gibbons, Alfred G., assignor to The Shaler Company, Waupun, Wis. Quick acting clamp. 2,126,767; Aug. 16.
Gibs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plasticizers. 2,127,400; Aug. 16.
Gibbs, William E., Milwaukie, Oreg. Saw tooth. 2,127,112; Aug. 16.
Giesler, Jean V., and J. E. Dube, assignors to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,127,059; Aug. 16.
Gilbert, Royce W., Brookline, Mass. Wall construction. 2,126,956; Aug. 16.
Gillican, Charles C., Homerville, Ga. Packaging rosin. 2,127,401; Aug. 16.
Gillican, Charles C., Homerville, Ga. Packaging rosin. 2,127,402; Aug. 16.
Gilman, Wilbert M., Cambridge, Mass. Power operated mechanism. 2,127,293; Aug. 16.
Gitelson, Milton. (See Kramer, E., Shields, and Gitelson.)
Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Flexible conduit. 2,126,955; Aug. 16.
Gliddon, Gordon H. (See Ames, A., Jr., and Gliddon.)
Goedike, John G., San Antonio, Tex. Dampening system for lithographic and analogous presses. 2,126,768; Aug. 16.
Goldfield, Edwin R., University Heights, assignor, by mesne assignments, to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Timing means for X-ray apparatus. 2,126,957; Aug. 16.
Goldschmidt, Wilhelm, Erlangen, assignor to Siemens-Reiniger-Werke A. G., Berlin, Germany. Cassette, particularly for X-ray exposures. 2,126,769; Aug. 16.
Goodrich, B. F., Company, The. (See Catt, Harold W., assignor.)
Goodrich, B. F., Company, The. (See Dewhirst, Harry, assignor.)
Goodrich, B. F., Company, The. (See Gibbs, Carlin F., assignor.)
Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
Goodrich, B. F., Company, The. (See Stewart, G. H., and Evans, assignors.)
Goss Printing Press Company, The. (See Foster, Frank A., assignor.)
Gough, Joseph, assignor, by mesne assignments, to S. Johnson and J. Bower, Newark, N. J. Leaf machinery. 2,127,113; Aug. 16.
Government of the United States of America, represented by the Secretary of War. (See Knerr, Lewis E., assignor.)
Grab, Wilhelm, Freiburg in Baden, Germany. Two-stroke internal combustion engine. 2,127,114; Aug. 16.
Graham, Ben M., Tupelo, Miss. Collapsible bed. 2,127,025; Aug. 16.
Grant, Robert U., Fort Worth, Tex. Hydraulic deep-well pump. 2,127,168; Aug. 16.
Graser, Fred H. (See Rambo, I. G., and Graser.)
Grave, Georg. (See Oppen, E., and Grave.)
Graves, Grover C., assignor to O. Lundell, Detroit, Mich., and G. R. Scott, Norfolk, Va. Machining a worm element. 2,126,990; Aug. 16.
Gray, Arthur W., Ellensburg, Wash. Piston expander. 2,127,169; Aug. 16.
Gray Tool Company. (See Yancey, John R., assignor.)
Greibach, Emil H., Brooklyn, N. Y. Bone conduction hearing device. 2,127,468; Aug. 16.
Grindrod, George E., Oconomowoc, Wis. Dispersing method. 2,127,026; Aug. 16.
Griswold, Donald G., Alhambra, Calif., assignor to Clayton Manufacturing Company. Flow control faucet for beer or the like. 2,126,991; Aug. 16.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle braking mechanism. 2,127,294; Aug. 16.
Grosser, Herman A., Summerville, Pa. Tie plate. 2,127,403; Aug. 16.
Grundstrom, Erik G., Chicago, Ill. Heat resisting trouser leg. 2,127,355; Aug. 16.
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Indicator mechanism. 2,127,356; Aug. 16.
Gualtiere, Julius, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Riveting machine. 2,127,357; Aug. 16.
Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric and making the same. 2,127,358; Aug. 16.
Guha, Jatindra N., assignor to H. S. Hateshi, Los Angeles, Calif. Preserving fresh fruits. 2,126,958; Aug. 16.
Gullich, Kurt, assignor to Bisonit G. m. b. H., Marienberg, Germany. Process and apparatus for the manufacture of patterned articles. 2,127,404; Aug. 16.
Guth, Fred O., assignor, by mesne assignments, to Pyiodyne Corporation, Chicago, Ill. Portable starting stall for race tracks. 2,127,213; Aug. 16.
Gutzwiller, Walter E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve converting system. 2,127,214; Aug. 16.
Gwathmey, James T., New York, N. Y. Expansible respiratory airway. 2,127,215; Aug. 16.
Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)
Haggstrom, Charles, Rockford, Ill. Minnow net. 2,127,332; Aug. 16.
Hahn, Carl A., as trustee. (See Miner, John A., assignor.)
Hall, Albert H., West Peru, Maine. Garment hanger. 2,127,333; Aug. 16.
Hall, Howard E., Eagle, Idaho. Tractor sweep rake. 2,127,405; Aug. 16.
Hall, Jesse E., Bakersfield, Calif. Pump jack. 2,126,992; Aug. 16.
Hallden, Frederick G., Bellerose, and R. S. Wishart, Rockville Centre, assignors to Postal Telegraph-Cable Company (New York), New York, N. Y. Testing line circuits. 2,127,216; Aug. 16.
Hallenbeck, Charles V., Denver, Colo. Stone breaker. 2,127,027; Aug. 16.
Hamilton, Everett R. (See Schellin, J. C., Housekeeper, and Hamilton.)
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Sputum cup. 2,126,701; Aug. 16.
Hamilton, William L., Glasgow, Scotland. Rope socket or capel. 2,127,115; Aug. 16.
Hammond, Theodore A., Montclair, N. J. Air-inflating device. 2,126,770; Aug. 16.
Handy & Harman. (See Comstock, Gregory J., assignor.)
Hannon, Albert H., Springfield, Ohio. Reversing movement for plating machines. 2,127,406; Aug. 16.
Hannon, Wilbur. (See Andrews, C., and Hannon.)
Hansen, Niels C., and W. H. Francis, Bronx, N. Y. Curtain holder. 2,127,060; Aug. 16.
Hansen, Waldemar S. (See Schweisthal, F. G., and Hansen.)
Hanson, Harold H., assignor to The Shaler Company, Waupun, Wis. Protective covering for uncured rubber patches. 2,126,771; Aug. 16.
Harbor Plywood Corporation. (See Welch, Arthur R., assignor.)
Harbord, Frank W. and V., London, England. Apparatus for casting metal. 2,127,407; Aug. 16.
Harbord, Vernon. (See Harbord, Frank W., and V.)
Hardinge Company. (See Hardinge, Harlowe, assignor.)
Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Sedimentation apparatus. 2,126,884; Aug. 16.
Hardgrove, Ralph M., Westfield, N. J., assignor to Bailey Meter Company. Control mechanism for furnaces. 2,127,445; Aug. 16.
Harley, Bertron G., Saco, Maine. Coupling. 2,127,359; Aug. 16.
Harley-Davidson Motor Company. (See Devine, H. A., and Molitor, assignors.)
Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
Hartke, Walter H., Baltimore, Md. Automatic train and vehicle services coupler. 2,126,882; Aug. 16.
Haskell, Robert K., Berkeley, Calif. Transmission. 2,126,772; Aug. 16.
Haslam, Donald E., Skellytown, Tex. Outdoor weatherproof marker. 2,127,170; Aug. 16.
Hateshi, Hazara S. (See Guha, Jtatindra N., assignor.)
Hathaway, Jarrett L., New York, N. Y., assignor to Radio Corporation of America. Electronically coupled regenerative amplifiers. 2,127,334; Aug. 16.
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thioindoxylanil and making the same. 2,127,483; Aug. 16.
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thioindoxyl derivative and making the same. 2,127,484; Aug. 16.
Hawthorn, Hubert R., Mitcham, Surrey, England. Steering wheel of road vehicles. 2,127,171; Aug. 16.
Hayes, Ralph S., Lakewood, assignor of forty per cent to W. J. Smith, Rocky River, and nine per cent to D. B. Waite, Cleveland Heights, Ohio. Brake structure. 2,126,883; Aug. 16.
Hayssen Mfg. Co. (See Hayssen, Walliam A., assignor.)
Hayssen, William A., assignor to Hayssen Mfg. Co., Sheboygan, Wis. Control device for wrapping machines. 2,127,028; Aug. 16.
Hearn, Francis N., Silver Spring, Md. Sash fastener. 2,127,061; Aug. 16.
Heimberger, Walter, assignor to Firmitana Metallkeramik G. m. b. H. Bayreuth, Germany. Manufacture of enamel. 2,127,116; Aug. 16.
Heintz, Ralph M., San Francisco, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve gear. 2,126,885; Aug. 16.

Helle, Johann, and A. Kunz, Fuzfo, assignors to Nitrokenia Ipartelepek Reszvenytarsasag, Budapest, Hungary. Removal of acid from nitrated starch. 2,127,360; Aug. 16.
Hempel, Charles H., assignor to Heresite & Chemical Company, Manitowoc, Wis. Stripping process. 2,127,469; Aug. 16.
Hemphill Company. (See Lawson, Robert H., assignor.)
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)
Hennessy, Mark M., assignor to Durant Manufacturing Company, Milwaukee, Wis. Registering device. 2,127,295; Aug. 16.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,127,117; Aug. 16.
Herbelin, Francis J., Galveston, Tex. Cotton bale cover holder. 2,127,118; Aug. 16.
Hercules Powder Company. (See Billing, Wyly M., assignor.)
Heresite & Chemical Company. (See Hempel, Charles H., assignor.)
Hermanson, William A., Roxbury, Mass. Packing foodstuffs. 2,127,029; Aug. 16.
Hermitte, Louis, assignor to Société Rateau, Paris, France. Furnace burner. 2,127,172; Aug. 16.
Herrin, Charles W., Kansas City, Mo. Automatic separator. 2,127,256; Aug. 16.
Hermann, Willy O., and W. Haehnel, assignors, by mesne assignments, to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Combinations of polymerized vinyl compounds and waxes. 2,127,381; Aug. 16.
Heuer, John M., Yoder, Wyo. Moistening device. 2,126,959; Aug. 16.
Heyn, Walther, Berlin, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of synthetic resins. 2,126,773; Aug. 16.
Heywood-Wakefield Company. (See Parrish, Frank T., assignor.)
Hidstitch Company. (See Arver, Joseph F., assignor.)
Higbee, James F., Detroit, Mich. Independent dual wheel drive. 2,126,960; Aug. 16.
Hight, Stuart C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic rectifying device. 2,126,886; Aug. 16.
Hilliard, Frederick C. (See Clegg, J. E., and Hilliard.)
Hinkle, Hutchinson S., Bethany, assignor to National Folding Box Company, New Haven, Conn. Making collapsible boxes. 2,126,774; Aug. 16.
Hirsch, Samuel, assignor to A. Mutscheller, New York, N. Y. Transformer. 2,127,218; Aug. 16.
Hirshfeld, Clarence F., Detroit, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y., Spring. 2,127,219; Aug. 16.
Hlasney, John, Jr., New York, N. Y. Adjustable piston for internal combustion engines. 2,127,361; Aug. 16.
Hodges, Lester E., assignor to Portable Rig Company, Houston, Tex. Brake. 2,127,030; Aug. 16.
Hodgkinson, Ralph, Worcester, Mass. Traction device for automobiles. 2,126,961; Aug. 16.
Hodgman, Frederick S., Glen Rock, and J. L. Bird, Radburn, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Positional control system. 2,126,887; Aug. 16.
Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for inductive devices. 2,126,775; Aug. 16.
Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Power transmission mechanism for operating brakes. 2,127,335; Aug. 16.
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoffman-La Roche Inc. (See Klingenfuss, Max, assignor.)
Hoffin, Richard F., Flushing, Long Island, assignor to Webwood Corporation, New York, N. Y. Shoe heel. 2,127,362; Aug. 16.
Hogg, Francis, Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Fuel pulverizer and feeder. 2,126,776; Aug. 16.
Holmes, Lawrence A., Whittier, Calif. Sample box. 2,127,296; Aug. 16.
Holmes, Minot K. (See Zimmerman, W. P., and Holmes.)
Holt, Gus A., Chicago, Ill., assignor to Prairie Farm Service Company. Tattoo marker. 2,126,777; Aug. 16.
Holtzer-Cabot Electric Company, The. (See Kennedy, Carton L., assignor.)
Hontoon, Lewis W. (See Whitney, E. E., and Hontoon.)
Hood Rubber Company. (See Bodle, Virgil H., assignor.)
Hooker Electrochemical Company. (See Osborne, Sidney G., assignor.)
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,220; Aug. 16.
Hornberger, Carl S., Glen Ellyn, Ill., assignor to Central Scientific Company. Pinch-cock. 2,127,257; Aug. 16.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Rotary intaglio printing machine. 2,126,778; Aug. 16.
Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
Housekeeper, Earl J. (See Schellin, J. C., Housekeeper, and Hamilton.)
Houston, David F. (See Sager, T. P., and Houston.)
Howard, Joseph O., assignor to Sail-Me Company, Inc., Chicago, Ill. Method and apparatus for making shades. 2,127,119; Aug. 16.
Howe, Kasson, Larchmont, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 2,127,083; Aug. 16.
Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,126,993; Aug. 16.
Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
Huber, J. M., Corporation. (See Price, Howard W., assignor.)
Hughes, O. D. (See Clark, Otho A., assignor.)
Hunt, Edward L., Ashville, N. Y. Gun sight. 2,127,173; Aug. 16.
Hunt, Edward L., Ashville, N. Y. Adjustable gun rib and sight. 2,127,174; Aug. 16.
Hurlbert, William G., Jr., assignor to The Bostwick Steel Lath Company, Niles, Ohio. Fireproof studding. 2,126,962; Aug. 16.
Hydraulic Brake Company. (See Bock, Clarence H., assignor.)
Hydril Company. (See Stone, Frederick and A. L., assignors.)
Hyslop, Samuel, Newton, Mass. Thread cleaner. 2,126,779; Aug. 16.
Hyslop, Samuel, Newton, Mass. Thread cleaning device. 2,126,780; Aug. 16.
I. G. Farbenindustrie Aktiengesellschaft. (See Immendoerfer, E., Loewe, and Munch, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mauthe, G., and Noerr, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schlack, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Ploetz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See van Beek, H., and Clapham, assignors.)
Ilische, Arthur, Rye, N. Y. Button fastener. 2,127,363; Aug. 16.
Imbertson, Norman M., and C. F. Duering, Los Angeles, Calif. Apparatus for and process of soil conditioning. 2,127,175; Aug. 16.
Immendoerfer, Eugen, and H. Loewe, Ludwigshafen-on-the-Rhine, and H. Muench, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Tanning hides and pelts with the aid of iron compounds. 2,127,297; Aug. 16.
Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)
Imperial Chemical Industries Limited. (See Spencer, S. B., and Dutton, assignors.)
Independent Crop Dusting, Inc. (See Streif, R. J., and Robertson, assignors.)
Independent Pneumatic Tool Co. (See Nash, William W., assignor.)
Industrial Clutch Company. (See Eason, Clarence M., assignor.)
Interchemical Corporation. (See Ryan, L. W., and Fischer, assignors.)
Interlock Patents Limited. (See Reynolds, W., and Bonser, assignors.)
International Harvester Company. (See Johnston, Edward A., assignor.)
International Harvester Company. (See Johnston, E. A., Baker, and Rogers, assignors.)
International Harvester Company. (See Powell, Stanley C., assignor.)
International Resistance Company. (See Pugh, Alexander L., Jr., assignor.)
Intertype Corporation. (See Freund, Herman R., assignor.)
Irsch, George J., and W. B. Stephenson, Chicago, Ill.; said Irsch assignor to said Stephenson. Automatic draft controller. 2,126,994; Aug. 16.
Isaacs, Mone R., Philadelphia, Pa. Composition of matter. 2,127,298; Aug. 16.
Isaacson, Fred A., Topeka, Kans. Brake beam safety support. 2,127,258; Aug. 16.
Iversen, Marinus R. (See Rebehn, F., and Iversen.)
Jacob, Paul. (See Pier, M., Jacob, and Simon.)
Jamieson, Edward K., Toronto, Ontario, Canada. Sadiron. 2,126,702; Aug. 16.
Jenkins, Alexander F., Baltimore, Md. Spray gun nozzle. 2,126,888; Aug. 16.
Jenkins, Alexander F., Baltimore, Md. Spray gun. 2,126,889; Aug. 16.
Jensen, Alfrida H., Chicago, Ill. Flour and shortening mixer. 2,126,890; Aug. 16.
Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve operating mechanism for tank vehicles. 2,127,225; Aug. 16.
Johannsen, Friedrich, and W. Völkel, Magdeburg, assignors to Fried. Krupp Grusonwerk, Aktien-Gesellschaft, Magdeburg/Buckau, Germany. Treating lumped iron. 2,127,299; Aug. 16.
Johnson, Carl E., Pasadena, and E. Mendenhall, Los Angeles, Calif. Variable-speed unit. 2,127,031; Aug. 16.
Johnson, Charles H. (See Johnson, Charles S., and C. H.)
Johnson, C. S. Company. (See Johnson, Charles S. and C. H., assignors.)
Johnson, Charles S. and C. H., assignors to The C. S. Johnson Company, Champaign, Ill. Batcher, batch charging, and transfer system. 2,127,120; Aug. 16.
Johnson, Martin A., San Marino, Calif. Electric circuit control mechanism. 2,127,259; Aug. 16.
Johnson, Samuel, et al. (See Gough, Joseph, assignor.)
Johnson, William T., Jr. (See Wilson, H. L., and Johnson.)

Johnston, Edward A., Chicago, D. B. Baker, Riverside, and C. R. Rogers, Oak Park, assignors to International Harvester Company, Chicago, Ill. Tractor frame. 2,127,032; Aug. 16.

Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Crawler tractor. 2,127,033; Aug. 16.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for assembling counters and uppers. 2,126,781; Aug. 16.

Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Roller screen. 2,126,782; Aug. 16.

Kaar, Ira J., Stratford, Conn., assignor to General Electric Company. Transmission line termination. 2,127,408; Aug. 16.

Kabat, Frank, Lincoln, Nebr. Lineman safety belt. 2,127,034; Aug. 16.

Kaiser, Hermann J., Harper, Tex. Drilling, punching, and mortising machine. 2,127,260; Aug. 16.

Kali Manufacturing Company. (See Wall, Eugene W., assignor.)

Katzinger, Edward, Company, The. (See Zimmer, Myron J., assignor.)

Kay Brunner Steel Products Inc. (See Low, John J., assignor.)

Keinath, Georg, Berlin-Charlottenburg, and L. Merz, Berlin-Haselhorst, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Instrument for testing or utilizing very high voltages. 2,127,364; Aug. 16.

Kelley, John E., Larchmont, N. Y. Drier for hair and skin. 2,127,121; Aug. 16.

Kelley, Shawl J., Baltimore, Md., assignor to Pylodyne Corporation, Chicago, Ill. Starting device for race tracks. 2,127,221; Aug. 16.

Kellogg Switchboard and Supply Company. (See Parlett, Albert, assignor.)

Kelsay, Leltoy W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminal. 2,126,891; Aug. 16.

Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Ball bearing motor. 2,126,963; Aug. 16.

Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Pneumatic positional remote control. 2,126,892; Aug. 16.

Kerotest Manufacturing Company. (See Lamar, Harry H., assignor.)

Kerr, Howard J. (See Bailey, E. G., and Kerr.)

Kerth, Max, Bad Soden-in-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Printing animal fibers. 2,126,964; Aug. 16.

Kietz, Adolf, et al. (See Bezzenberger, Frederick K., assignor.)

Kimble Glass Company. (See McClure, Samuel S., assignor.)

Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Panel cabinet. 2,126,995; Aug. 16.

Kirlin, Otis M., Detroit, Mich. Ladder. 2,127,035; Aug. 16.

Kitching, Joshua T., Pleasantville, N. J. Folding metal awning. 2,127,062; Aug. 16.

Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Making roller bearing members and rolled blanks therefor. 2,126,893; Aug. 16.

Klavík, Miloš, Koprivnice, Czechoslovakia. Body for rear engine motor vehicles. 2,127,409; Aug. 16.

Klingenfuss, Max, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Manufacture of vitamin B_1. 2,127,446; Aug. 16.

Knapp-Monarch Company. (See Smith, Howard, assignor.)

Knerr, Lewis E., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Sealing means for segmental gates. 2,126,783; Aug. 16.

Knoll, Max, and R. Rzehulka, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. h., Berlin, Germany. Indirectly heated cathode. 2,126,894; Aug. 16.

Knott, William M., Radburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical timing arrangement. 2,126,895; Aug. 16.

Knowles, William, North Andover, Mass. Roving machine. 2,127,410; Aug. 16.

Kobold, Joseph, assignor to Maschinenfabrik Esslinger, Esslingen-on-the-Neckar, Germany. Making dry ice blocks. 2,127,300; Aug. 16.

Koch, Lynn J., Allentown, Pa. Internal combustion power unit. 2,127,222; Aug. 16.

Koller, Steven, Detroit, Mich. Angle plate. 2,126,896; Aug. 16.

Kott, Herbert, Whitestone, assignor to Decal Automatic Corporation, New York, N. Y. Decalcomania moistening apparatus. 2,126,784; Aug. 16.

Kramer, Andrew A., Kansas City, Mo. Storage tank. 2,126,996; Aug. 16.

Kramer, Andrew A., Kansas City, Mo. Making storage tanks and similar welded structures. 2,126,997; Aug. 16.

Kramer, Eugene, P. Shields, and M. Gitelson, Los Angeles, Calif., assignors to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,127,261; Aug. 16.

Krehma, Ignace J. (See Dawson, D. H., Krehma, and McKinney.)

Kriska, Andrew J., Cleveland, Ohio. Jar holder. 2,127,301; Aug. 16.

Kroecker, Jacob J., assignor to The Fairmount Tool and Forging Company, Cleveland, Ohio. File holder construction. 2,127,176; Aug. 16.

Kueffer, E. H. (See Metcalf, Herbert E., assignor.)

Kuenhold, Otto J., Shaker Heights, assignor to The Forest City Foundries Company, Cleveland, Ohio. Warm air furnace structure. 2,127,177; Aug. 16.

Kunz, Alfons. (See Heile, J., and Kunz.)

Kurth, Matthew G., Madison, Wis. Piston ring. 2,127,036; Aug. 16.

La Casse, William J., assignor to The Coolerator Company, Duluth, Minn. Ice cuber. 2,127,262; Aug. 16.

La Croix, Wilfred J., Kansas City, Mo. Road marker. 2,127,037; Aug. 16.

Laddon, Isaac M., San Diego, Calif., assignor to Consolidated Aircraft Corporation. Readily detachable fairing. 2,126,785; Aug. 16.

Lamar, Harry H., Wilkinsburg, assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Valve. 2,126,897; Aug. 16.

Lambert, Charles F., Grosse Pointe Farms, assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich. Ammunition tank. 2,127,263; Aug. 16.

Lamela, William F., East Paterson, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,127,122; Aug. 16.

Lampton, Glen T., Williamsport, Pa., assignor to Aviation Manufacturing Corporation, Chicago, Ill. Propeller blade. 2,127,264; Aug. 16.

Landis, Aaron, Elizabeth, N. J. Handbag. 2,126,898; Aug. 16.

Lane, Clarence J. (See Wagner, W. W., and Lane.)

Lane, Clifford J. (See Deschamps, D. J., and Lane.)

Lange, Adolph F. (See Burk, George W., assignor.)

Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of metallo polyazo dyes. 2,127,470; Aug. 16.

Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Level. 2,127,302; Aug. 16.

Lasch, Leopold, and G. Schichtel, Radenthein, Austria, assignors to American Magnesium Metals Corporation, Pittsburgh, Pa. Melting and casting magnesium and alloys rich in magnesium. 2,126,786; Aug. 16.

Lapson Company, The. (See Plett, Edgar M., assignor.)

Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,127,178; Aug. 16.

Lawson, Robert H., and W. L. Smith, Jr., assignors to Hemphill Company, Central Falls, Pawtucket, R. I. Manual control for knitting machines. 2,127,179; Aug. 16.

Le Bel, Clarence J., Cambridge, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electric lamp. 2,126,787; Aug. 16.

Ledwinka, Hans, Morava, Czechoslovakia. Motor vehicle. 2,127,411; Aug. 16.

Le Fevre, Walter L., Cleveland Heights, Ohio. Illusion producing device. 2,127,412; Aug. 16.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composite paving slab. 2,126,965; Aug. 16.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for coating strip material. 2,127,413; Aug. 16.

Lehew, Robert H., Highland Park, Mich. Pan lifter. 2,127,038; Aug. 16.

Leiber, Ferdinand, Berlin-Friedrichshagen, Germany, assignor to Naamlooze Vennootschap: Nederlandsch Laboratorium de Spaarnested, Haarlem, Netherlands. Development process and developer for producing hardened images upon exposed silver halide-colloid emulsions. 2,126,899; Aug. 16.

Leng, Leopold, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Change-over or switch device for radio frequency feed leads. 2,127,336; Aug. 16.

Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Sheave-block mounting. 2,127,084; Aug. 16.

Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Carrying scraper. 2,127,223; Aug. 16.

Levy, Marcel A. E., and W. A. Loth, assignors to Société Anonyme: Société Francaise de Métrographie, Paris, France. Weighing apparatus. 2,127,063; Aug. 16.

Levy, Rene L., Montrouge, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Brake valve. 2,127,064; Aug. 16.

Lewis, George S., assignor to Winchester Repeating Arms Company, New Haven, Conn. Firearm. 2,126,788; Aug. 16.

Lewis, Raymond B., and J. Reuther, East Aurora, N. Y. Apparatus for filling and closing bottles. 2,126,998; Aug. 16.

Liberty Foundries Company. (See Bates, Albert H., assignor.)

Liem, See T., The Hague, Netherlands. Cushioning of automobiles or like vehicles. 2,127,123; Aug. 16.

Lindsey, Roy, Hollywood, Calif. Apparatus for conditioning valves and valve seats. 2,126,789; Aug. 16.

Lindstaedt, Frank F., Oakland, Calif. Horticultural spray oil. 2,127,039; Aug. 16.

Lipton, Harry S., et al. (See Sears, H. M., and Rothenberg, assignors.)

Lisk, Harry E., Independence, Iowa. Control mechanism. 2,126,900; Aug. 16.

Litner, Isaac, Brooklyn, assignor to Bright Light Reflector Co. Inc., Kings County, N. Y. Electric fixture. 2,127,124; Aug. 16.

Loccisano, Giuseppe. (See Scullari, A., and Loccisano.)

Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Clamping ring and making same. 2,126,966; Aug. 16.

Loewe, Hermann. (See Immendoerfer, E., Loewe, and Muench.)

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,126,790; Aug. 16.

Lohsse, Wilhelm, Gladbach Rheydt, Germany. Remote controlled electrical reversing switch. 2,127,414; Aug. 16.

Lombardi Knitting Machine Co. Inc. (See Lombardi, Vincent, assignor.)

Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,127,224; Aug. 16.

Longenecker, Levi S., Pittsburgh, Pa. Furnace arch and refractory block therefor. 2,126,901; Aug. 16.

Lorentzen, Hans K., Montclair, N. J. Venetian blind structure. 2,127,125; Aug. 16.

Lorenz, C. Aktiengesellschaft. (See Wehrlin, Hans, assignor.)

Loth, William A. (See Levy, M. A. E., and Loth.)

Lotz, Rudolph W., assignor to Nachman-Springfilled Corporation, Chicago, Ill. Chair back construction. 2,127,337; Aug. 16.

Low, John J., Los Angeles, Calif., assignor to Kay Brunner Steel Products Inc. Roadway excavating machine. 2,126,791; Aug. 16.

Lovering, Everett W. (See Richter, G. A., and Lovering.)

Ludlum Steel Co. (See Breeler, Walter R., assignor.)

Lundell, Otto, et al. (See Graves, Grover C., assignor.)

Lutz, George. (See Allen, E. R., and Lutz.)

Lutz, Otto, Feilbach, near Stuttgart, Germany. Compressor or other engine. 2,127,126; Aug. 16.

Lyons, Charles E., Brookline, Mass. Newspaper counting apparatus. 2,126,967; Aug. 16.

MacGregor, Stephen H., Washington, D. C. Cooling apparatus. 2,126,792; Aug. 16.

MacIntire, Walter H., Knoxville, Tenn. Removing fluorides from water. 2,126,793; Aug. 16.

Mackay Radio and Telegraph Company. (See Alford, Andrew, assignor.)

MacKenzie, Joseph B., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive stoker. 2,127,338; Aug. 16.

Mackie, Irwin C., Sydney, Nova Scotia, Canada, assignor to Beth-Mary Steel Corporation. Manufacture of railway and tramway rails. 2,127,303; Aug. 16.

Magnesium Development Corporation. (See Fischer, Edward F., assignor.)

Magnesium Development Corporation. (See Seliger, Hellmuth, assignor.)

Mallory, P. R., & Co. (See Freeman, Paul B., assignor.)

Mallory, P. R., & Co. (See Hansel, Franz R., assignor.)

Mandell, Irving F., North Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Cup form waxing device for use in a paper bottle capping machine. 2,127,180; Aug. 16.

Mann, Charles S., Vancouver, British Columbia, Canada. Dispensing head for collapsible tubes and the like. 2,127,040; Aug. 16.

Marique, Jean, Uccle, assignor to Société Anonyme Internationale de Télégraphie sans Fils, Brussels, Belgium. Apparatus and process for determining the position of a moving object. 2,127,415; Aug. 16.

Marsh, Frederick J., Riccarton, Christchurch, New Zealand. Resilient pad for use in conjunction with horseshoes. 2,126,904; Aug. 16.

Marshall, James G., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,126,902; Aug. 16.

Marshall, James K. (See Soref, H. E., and Marshall.)

Marshall, Walter R., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Resinous compositions. 2,126,794; Aug. 16.

Martin, André L., Paris, France. Loose leaf binding. 2,127,416; Aug. 16.

Martin, Curtis J., Oak Park, assignor, by mesne assignments, to Electric Lamp Corporation, Chicago, Ill. Incandescent lamp. 2,127,226; Aug. 16.

Martin, Friedrich, Oberhausen, and O. Roelen and W. Feisst, Oberhausen-Holten, Germany. Producing hydrocarbons from carbon monoxide and hydrogen. 2,127,127; Aug. 16.

Martin, James S., assignor to Sangamo Electric Company, Springfield, Ill. Meter base and cover. 2,127,041; Aug. 16.

Martin, Raymond G., Washington, Pa., assignor to Solar Laboratories. Stenciling apparatus. 2,127,128; Aug. 16.

Martin, William H., Detroit, Mich. Welding apparatus. 2,126,903; Aug. 16.

Martin, William H., Pleasant Ridge, Mich. Rotative slide valve. 2,127,265; Aug. 16.

Maschinenfabrik Esslingen. (See Kobold, Josef, assignor.)

Massa, Frank, Haddon Heights, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,127,227; Aug. 16.

Master Builders Company, The. (See Scripture, Edward W., Jr., assignor.)

Master Lock Company. (See Schamp, C. H., and Foote, assignors.)

Master Lock Company. (See Soref, H. E., and Marshall, assignors.)

Mattern, William O., Shamokin, Pa. Tool for handling lenses. 2,127,181; Aug. 16.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,127,085; Aug. 16.

Matthews Manufacturing Company. (See Whitney, E. E., and Hontoon, assignors.)

Mauthe, Gustav, and H. Noerr, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Tanning. 2,127,304; Aug. 16.

McAnally, Claude W. (See Bugge, Vernon T., assignor.)

MacBride, Robert W., Seamill, West Kilbride, Scotland. Rail chair or base plate. 2,127,477; Aug. 16.

McCaleb, Kenneth V., and P. Starniri, Easton, Pa. Electric filling feeler mechanism for looms. 2,127,182; Aug. 16.

McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Guard for sewing machines. 2,127,339; Aug. 16.

McCaskey Register Company. (See Clark, Harold W., assignor.)

McCracken, Marcelite E., Evanston, Ill. Undergarment. 2,126,905; Aug. 16.

McClure, Samuel S., assignor to Kimble Glass Company, Vineland, N. J. Hydrometer. 2,127,065; Aug. 16.

McCullough, David R., Lost Spring, Wyo., assignor of one-third to W. O. Widger, Harrison, Nebr. Mining machine. 2,127,066; Aug. 16.

McCurdy, Herschel, Detroit, Mich. Clock. 2,126,906; Aug. 16.

McGimsey, Charles R., Rowayton, Conn. Manufacture of rewoven carpet. 2,127,228; Aug. 16.

McGohan, George W. (See Canfield, J. J., and McGohan.)

McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Hose coupling. 2,127,086; Aug. 16.

McHugh, William O., St. Louis, Mo. Package of dental X-ray films. 2,127,365; Aug. 16.

McIntyre, Hugh, Kirkland Lake, Ontario, Canada. Rotary internal combustion engine. 2,126,795; Aug. 16.

McKinney, Robert M. (See Dawson, D. H., Krehma, and McKinney.)

McLain Fire Brick Company. (See Turner, William A. and E. J., assignors.)

McMillin, Louis J., Indianapolis, Ind. Semitrailer dumping apparatus. 2,126,796; Aug. 16.

McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Lubrication equipment and venting the same. 2,127,129; Aug. 16.

McRae, Randolph J., New York, N. Y., assignor, by mesne assignments, to General Patents, Limited, Nassau, Bahamas. Producing large ions. 2,127,229; Aug. 16.

Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing supersensitized thiazolocarbocyanines. 2,127,340; Aug. 16.

Mele, Christ P., Natick, Mass. Garment. 2,127,366; Aug. 16.

Mendenhall, Earl. (See Johnson, C. E., and Mendenhall.)

Merck & Co. Inc. (See Burnham, Stanley W., assignor.)

Merz, Ludwig. (See Keinath, G., and Merz.)

Metalastik Ltd. (See Schmidt, Fritz, assignor.)

Metals & Controls Corporation. (See Most, Lucifer J., assignor.)

Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Vehicle signaling system with manual override. 2,126,940; Aug. 16.

Meuwsen, Ernest G., Scarsdale, N. Y. Plaster design marking tool. 2,127,130; Aug. 16.

Meyer, Pierre H. (See Zimbalist, William H., assignor.)

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for shaping helicoidal surfaces. 2,126,907; Aug. 16.

Miller, Max C., Cumberland, R. I. Knitting machine. 2,126,797; Aug. 16.

Miller, Merton R., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Relay. 2,127,341; Aug. 16.

Miller Sand Pump Company. (See Baker, Curt, assignor.)

Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)

Miner, John A., St. Louis, assignor to C. A. Hahn, Kirkwood, Mo., as trustee. Recovery process for gold and other metals. 2,126,798; Aug. 16.

Minneapolis-Honeywell Regulator Company. (See Nessell, Clarence W., assignor.)

Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)

Mitchell, Curtis P., Springdale, assignor to The Palmer Company, Cincinnati, Ohio. Electrical reproducing device. 2,127,448; Aug. 16.

Mitchell, Hollis F., assignor of twelve per cent to W. M. Clark, twenty-eight per cent to W. Emrich, Jr., and eight per cent jointly to W. M. Clark and W. Emrich, Jr., Indianapolis, Ind. Fountain paint brush device. 2,126,999; Aug. 16.

Mitchell, Hollis F., assignor of twelve per cent to W. M. Clark, and twenty-eight per cent to W. Emrich, Jr., and eight per cent jointly to W. M. Clark and W. Emrich, Jr., Indianapolis, Ind. Fountain paint brush. 2,127,000; Aug. 16.

Moeller, Carl A., Randolph, Mass., assignor to M. R. and C. L. Claff, trustees. Die for the production of box blanks. 2,127,131; Aug. 16.

Mohel, Jesse, assignor to Mohel & Mario, Inc., New York, N. Y. Jewelry. 2,126,968; Aug. 16.

Mohel & Mario, Inc. (See Mohel, Jesse, assignor.)

Moineau, Hubert J., Marlboro, Mass. Demountable wall flange. 2,127,230; Aug. 16.

Molitor, Frank M. (See Devine, H. A., and Molitor.)

Möller, M. P., Inc. (See Moorhouse, A., and Bowman, assignors.)

Monroe, Edward R., Black River, Mich., assignor to Osteo Vitalizer Company, Chicago, Ill. Osteopathic machine. 2,127,132; Aug. 16.

Moore, Stuart, assignor to Dixie Wax Paper Company, Dallas, Tex. Apparatus for and method of sealing bags. 2,126,908; Aug. 16.

Moore, Stuart, assignor to Dixie Wax Paper Company, Dallas, Tex. Heat sealing device. 2,127,183; Aug. 16.

Moorhouse, Alfred, Castle Shannon, and S. G. Bowman, Mt. Lebanon, Pa., assignors to M. P. Möller, Inc. Combination stop equipment for pipe organs. 2,127,266; Aug. 16.

Morrell, Alton A., Chippewa Falls, Wis. Gauge rod. 2,127,042; Aug. 16.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,127,001; Aug. 16.

Morris, Glenn E. (See Morris, Warren L., K. L., and G. E.)

Morris, Harry, Brooklyn, N. Y. Tool holder and tool. 2,127,231; Aug. 16.

Morris, Kenneth L. (See Morris, Warren L., K. L., and G. E.)

Morris, Warren A. (See Spangler, C. L., and Morris.)

Morris, Warren L., K. L., and G. E., Butte City, Calif. Soil conditioner. 2,126,909; Aug. 16.

Morrison, Simon T. (See Davis, A. L., and Morrison.)

Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Separator for underfired domestic water heaters. 2,126,969; Aug. 16.

Moseley, Francis L., Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrical control system. 2,126,910; Aug. 16.

Moss, Frances R., Brooklyn, N. Y. Portemonnaie construction. 2,127,067; Aug. 16.

Mossberg, Frank, Attleboro, Mass. Ribless beam head. 2,126,970; Aug. 16.

Most, Lucifer J., Arlington, N. J., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Decorating plastic articles. 2,127,043; Aug. 16.

Motor Improvements, Inc. (See Williams, L. W., and Arnold, assignors.)

Motor Terminals Company. (See Fitch, Benjamin F., assignor.)

Motor Terminals Company. (See Norbom, Ragnar A., assignor.)

Motor Terminals, Inc. (See Fitch, Benjamin F., assignor.)

Motor Wheel Corporation. (See Horn, Harry J., assignor.)

Moxley, William M., Kansas City, Mo. Lantern base support and lamp socket. 2,127,133; Aug. 16.

Muench, Herbert. (See Immendoerfer, E., Loewe, and Muench.)

Mulholland, Vergil, West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Weir for glass making tank. 2,127,087; Aug. 16.

Mullen, George W., Flushing, N. Y. Method and apparatus for dispersing pectin and the like. 2,126,911; Aug. 16.

Müller, Fritz, W. Schumacher, and O. Scherer, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,127,471; Aug. 16.

Müller, Paul, Neu-Allschwil, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of tanning agents. 2,127,068; Aug. 16.

Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and its manufacture. 2,126,912; Aug. 16.

Murphy, Dan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Shearing device. 2,127,002; Aug. 16.

Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Shank stiffener. 2,126,913; Aug. 16.

Musebeck Shoe Company. (See Musebeck, George E., assignor.)

Mutscheller, Arthur. (See Hirsch, Samuel, assignor.)

Mutchler, Frank A., Sr., Bayonne, N. J. Drop-flush chock. 2,127,044; Aug. 16.

Myers, Roy W., Dennison, Ohio. Valve. 2,126,799; Aug. 16.

Naamlooze Vennootschap Nederlandsch Laboratorium de Spaarnested. (See Leiber, Ferdinand, assignor.)

Nabstedt, Arthur T., Hamden, assignor to The Snow & Petrelli Mfg. Co., New Haven, Conn. Brake for use with power transmitting mechanism. 2,127,305; Aug. 16.

Nachman-Springfilled Corporation. (See Lotz, Rudolph W., assignor.)

Nacken, Walther, Gruna, Germany. Wire drawing machine. 2,127,306; Aug. 16.

Nash, William W., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Antistall clutch for rotary tools. 2,127,003; Aug. 16.

National Folding Box Company. (See Hinkle, Hutchinson S., assignor.)

Neher, Leroy P., St. Louis, Mo. Pocket type display device. 2,127,342; Aug. 16.

Nelsen, Albert L., Fargo, N. Dak. Device for the control or measurement of the flow of the contents from cartons or containers. 2,127,417; Aug. 16.

Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Fractionation. 2,127,004; Aug. 16.

Nelson, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Retort for vaporizing liquid fuel. 2,127,267; Aug. 16.

Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,126,914; Aug. 16.

Nichols, Horace E., and R. C. Scott, Detroit, Mich. Electrical flashing device. 2,127,005; Aug. 16.

Nichols, Louis C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier transformer. 2,127,232; Aug. 16.

Nicholson, Frank H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,127,134; Aug. 16.

Niemann, August H., Milwaukee, Wis. Trailer suspension. 2,127,069; Aug. 16.

Niles, John D., Elk City, Idaho. Amalgamator. 2,127,418; Aug. 16.

Nitrokemia Ipartelepek Reszvenytarsasag. (See Helle, J., and Kunz, assignors.)

Noerr, Hermann. (See Mauthe, G., and Noerr.)

No-Kap Closures (U. S. A.), Inc. (See Church, Albert H., assignor.)

No-Kap Closures (U. S. A.), Inc. (See Church, Elton C., assignor.)

No-Kap Closures (U. S. A.), Inc. (See Rest, James, assignor.)

No-Kap Closures (U. S. A.), Inc. (See Rolle, Karl J., assignor.)

Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Apparatus for transferring demountable bodies. 2,126,800; Aug. 16.

Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Apparatus for transferring demountable bodies. 2,126,801; Aug. 16.

Nordberg Manufacturing Company. (See Ehrat, Jean J., assignor.)

Normann, Wilhelm, and G. von Schuckmann, assignors to H. Th. Bohme Aktiengselischaft, Chemnitz, Germany. Hydrogenation of higher fatty acids. 2,127,367; Aug. 16.

Norton Company. (See Dunbar, Howard W., assignor.)

Norton, Edward L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,126,915; Aug. 16.

Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe finishing machine. 2,126,802; Aug. 16.

Oberender, John L., Kingsville, and W. H. Blessing, assignors to Oles Envelope Corporation, Baltimore, Md. Sheet separator for envelope machines. 2,127,419; Aug. 16.

Oestricher, Bernard, Brooklyn, N. Y. Adjustable clothing form. 2,127,368; Aug. 16.

Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)

Okonite Company, The. (See Lamela, William F., assignor.)

Older, Clifford, Wilmette, Ill. Traffic marker for pavements or the like. 2,127,233; Aug. 16.

O'Leary, Eugene A., Holyoke, Mass. Waste system. 2,127,184; Aug. 16.

Oles Envelope Corporation. (See Oberender, J. L., and Blessing, assignors.)

Oppen, Erich, Hanover, and G. Grave, Frankfort-on-the-Main-Heddernheim, Germany, assignors to American Lurgi Corporation, New York, N. Y. Apparatus for electrostatic separation. 2,127,307; Aug. 16.

Osborn, Rosa, Bear Creek, Ala. Man's shirt. 2,127,420; Aug. 16.

Osborne, Sidney G., assignor to Hooker Electrochemical Company, New York, N. Y. Production of hydrogen chloride. 2,126,803; Aug. 16.

Osbrink-Love, Inc. (See Osbrink, Raymond H., assignor.)

Osbrink, Raymond H., assignor to Osbrink-Love, Inc., Los Angeles, Calif. Reflector. 2,126,971; Aug. 16.

Osgood Company, The. (See Owens, C. A., White, and Belcher, assignors.)

Osteo Vitalizer Company. (See Monroe, Edward R., assignor.)

Outserts, Incorporated. (See Brown, Robert R., assignor.)

Overly, Elmer G., Greensburg, Pa., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Machine for making window envelopes. 2,126,804; Aug. 16.

Owens, Clifford A., F. L. White, and E. I. Belcher, assignors to The Osgood Company, Marion, Ohio. Road roller. 2,127,485; Aug. 16.

Owens-Illinois Glass Company. (See Barnby, Herbert A., assignor.)

Owens-Illinois Glass Company. (See Zimmerman, W. P., and Holmes, assignors.)

Oxford Paper Company. (See Carpenter, L. A., and Schreiner, assignors.)

Packard Motor Car Company. (See Best, Frank C., assignor.)

Packard Motor Car Company. (See Griswold, Walter R., assignor.)

Paist, Walter D. (See Andersen, B., and Paist.)

Palmer Company, The. (See Mitchell, Curtis P., assignor.)

Palmer, Robert, assignor to Wheeling Stamping Company, Wheeling, W. Va. Cap and tube assembly. 2,127,268; Aug. 16.

Paper Service Company, The. (See Spangler, C. L., and Morris, assignors.)

Parker, Arthur L., Cleveland, Ohio. Tube bender. 2,127,185; Aug. 16.

Parkersburg Rig & Reel Company, The. (See De La Mater, Robert G., assignor.)

Parkinson, Robert R., and S. E. Weaver, Palo Alto, Calif. Stepladder. 2,126,805; Aug. 16.

Parlett, Albert, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Annunciator system. 2,127,343; Aug. 16.

Parrish, Frank T., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Case construction for articles of furniture. 2,126,916; Aug. 16.

Patey, Adelaide C., Bedford Hills, N. Y. Amusement device. 2,126,806; Aug. 16.

Patterson, Herbert F. (See Fishburn, O. E., Patterson, and Aland.)

Patterson, Joseph W., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla. Sprayer. 2,127,006; Aug. 16.

Paul, Harold S., deceased, Wyoming, by P. C. Rodgers, administrator, assignor to J. P. Stacey, Cincinnati, Ohio. Thumb guard. 2,127,421; Aug. 16.

Pavek, Edward, Minneapolis, Minn. Mop wringing device. 2,127,045; Aug. 16.

Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Stack dumper. 2,127,007; Aug. 16.

Peebles, David D., Eureka, Calif. Manufacture of stable powdered food products containing milk sugar. 2,126,807; Aug. 16.

Penn Electric Switch Co. (See Persons, Lawrence M., assignor.)

People of the United States, dedicated to the free use of the. (See Dearborn, Frederick E.)

People of the United States of America, dedicated to the free use of the. (See Wilson, H. L., and Johnson.)

Percival, William S., Hanwell, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, England. Feeder and the like for electric currents of high frequency. 2,127,088; Aug. 16.

Perkins, Julian L., West Springfield, Mass. Wringer head. 2,127,186; Aug. 16.

Permutit Company, The. (See Riley, Ray, assignor.)

Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Air circulating system. 2,127,046; Aug. 16.

Pestalozza, Ugo, assignor to Societa Italiana Pirelli, Milan, Italy. Manufacture of rubber thread. 2,127,070; Aug. 16.

Peters, Frederick F., and C. A. Stenger, Glennonville, Mo. Automobile jack mechanism. 2,126,972; Aug. 16.

Petersen, Thorvald, assignor, by mesne assignments, to Reed Manufacturing Company, Erie, Pa. Vise. 2,127,008; Aug. 16.

Peterson, Liss C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space diacharge amplifier circuit. 2,126,917; Aug. 16.

Pfohl, Anthony J. (See Burchenal, W., and Pfohl.)

Phaneuf, Leo F., New Bedford, Mass. Signal system for storage tanks. 2,127,422; Aug. 16.

Phillips, Albert J., Metuchen, N. J. Apparatus for casting metal. 2,126,808; Aug. 16.

Phillips, Edward W., Flint, Mich. Electric heater. 2,126,918; Aug. 16.

Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Goldfield, Edwin R., assignor.)

Pier, Mathias, Heidelberg, and P. Jacob and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,127,382; Aug. 16.

Pier, Mathias, Heidelberg, and P. Jacob and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,127,383; Aug. 16.

Pierce, John B., Foundation. (See Strong, William E. S., assignor.)

Pinney, Byron R., assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa, Miniature demonstration set. 2,127,047; Aug. 16.

Piquerez, Emile, Saint Cloud, France. Apparatus for emptying flexible walled packages of viscous materials. 2,126,973; Aug. 16.

Plastridge, Le Forrest C. (See Gardner, J. H., and Plastridge.)

Plauson, Hermann, Hamburg, assignor to Röhm & Haas Company, Philadelphia, Pa. Polymerization of vinyl esters and their derivatives or homologues or mixtures of these substances. 2,127,135; Aug. 16.

Plett, Edgar M., assignor to The Lauson Company, New Holstein, Wis. Motor mounting. 2,126,919; Aug. 16.

Ploetz, Ernst. (See Ulrich, H., and Ploetz.)

Ploetz, Walter F., assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,127,344; Aug. 16.

Pobirs, Albert I., Providence, R. I. Sanitary guard for inhalers. 2,127,136; Aug. 16.

Portable Rig Company. (See Hodges, Lester E., assignor.)

Postal Telegraph-Cable Company (New York). (See Hallden, F. G., and Wishart, assignors.)

Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,126,920; Aug. 16.

Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,126,921; Aug. 16.

Potdevin Machine Company. (See Potdevin, Adolph, assignor.)

Powell, Stanley C., Chicago, Ill., assignor to International Harvester Company. Making mower guards. 2,127,048; Aug. 16.

Prairie Farm Service Company. (See Holt, Gus A., assignor.)

Pratt, William B., Wellesley Hills, Mass. Treating cotton. 2,126,809; Aug. 16.

Price, Howard W., assignor, by mesne assignments, to J. M. Huber Corporation, Borger, Tex. Apparatus for treating finely divided powders. 2,127,137; Aug. 16.

Prosperity Company, The. (See Faber, John, Jr., assignor.)

Pugh, Alexander L., Jr., assignor to International Resistance Company, Philadelphia, Pa. Inking apparatus and method of supplying ink to a dielectric body. 2,126,810; Aug. 16.

Purdy, Frederick A., Scarsdale, N. Y. Closure operator. 2,127,376; Aug. 16.

Pure Oil Company, The. (See Suthard, James G., assignor.)

Pylodyne Corporation. (See Guth, Fred O., assignor.)

Pylodyne Corporation. (See Kelley, Shawl J., assignor.)

Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,009; Aug. 16.

Quaker City Iron Works. (See Jensen, James A., assignor.)

Radio Corporation of America. (See Brown, Charles H., assignor.)

Radio Corporation of America. (See Crosby, Murray G., assignor.)

Radio Corporation of America. (See Hathaway, Jarrett L., assignor.)

Radio Corporation of America. (See Massa, Frank, assignor.)

Rambo, Ingar G. (See Beatty, D. E., and Rambo.)

Rambo, Ingar G. (See Uecker, R. A., Rambo and Beatty.)

Rambo, Ingar G., Wauwatosa, and F. H. Graser, Milwaukee, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del. Caster. 2,126,811; Aug. 16.

Ramsey, Clifford H., Glen Rock, N. J. Motor control system. 2,126,812 Aug. 16.

Ranco Incorporated. (See Van Dyke, Henry A., assignor.)

Raytheon Manufacturing Company. (See Le Bel, Clarence J., assignor.)

Rebehm, Fred, and M. R. Iversen, Logan, Iowa. Stock feeder. 2,126,926; Aug. 16.

Reed Manufacturing Company. (See Petersen, Thorvald, assignor.)

Reich, Gustave T., Philadelphia, Pa. Recovery of products of fermentation. 2,126,974; Aug. 16.

Reich, Gustave T., Philadelphia, Pa. Simultaneously evaporating and distilling liquids. 2,127,138; Aug. 16.

Reichel, Frank H., and A. E. Craver, Fredericksburg, Va., assignors to Sylvania Industrial Corporation. Process and apparatus for drying articles. 2,127,466; Aug. 16.

Reid, Leland E., assignor to M. M. Reid, South Pasadena, Calif. Variable pitch propeller. 2,126,813; Aug. 16.

Reid, Mildred M. (See Reid, Leland E., assignor.)

Reinforced Paper Bottle Corporation. (See Mandell, Irving F., assignor.)

Reiter, Daniel I., New York, N. Y. Upholstery pin. 2,127,234; Aug. 16.

Remington Rand Inc. (See Schremp, Frederick W., assignor.)

Research Corporation. (See Bush, Vannevar, assignor.)

Rest, James, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Method and apparatus for making containers. 2,126,814; Aug. 16.

Rest, James, Streatham, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Container for flowable material. 2,126,815; Aug. 16.

Rest, James, Streatham, London, England, assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Container for flowable material. 2,127,308; Aug. 16.

Rest, James, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Closure for bottles, collapsible tubes, and like containers. 2,127,489; Aug. 16.

Reuther, John. (See Lewis, R. B., and Reuther.)

Reynolds, Wilfred, and Frank Bonser, Hucknall, assignors to Interlock Patents Limited, Nottingham, England. Knitted fabric and in the method of producing same. 2,127,139; Aug. 16.

Ritchie, David M. (See Schoepf, T. H., and Ritchie.)

Richter, George A., assignor to Brown Company, Berlin, N. H. Xanthation of cellulose. 2,126,975; Aug. 16.

Richter, George A., and E. W. Lovering, assignors to Brown Company, Berlin, N. H. Xanthation of cellulose to form viscose. 2,126,976; Aug. 16.

Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Shock absorber equipment for knitting machines. 2,127,449; Aug. 16.

Rickard, Joseph S., Bellflower, assignor of one-half to G. O. Squire, Los Angeles, Calif. Hospital stretcher. 2,127,309; Aug. 16.

Riley, Ray, Long Island City, assignor to The Permutit Company, New York, N. Y. Hydrogen zeolite water treatment. 2,127,310; Aug. 16.

Ritchie, David M. (See Schoepf, T. H., and Ritchie.)

Ritter, Jacob, New York, N. Y. Combined safety razor and hair cutter. 2,127,369; Aug. 16.

Riusech, Medardo, Habana, Cuba. Tire felation signal. 2,127,187; Aug. 16.

Robbins, David S., Worcester, Mass., and A. C. Uihlein, New Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Cradle adjustment for stranding machines. 2,126,977; Aug. 16.

Roberts, Hugh, Jr., Gastonia, N. C., assignor to Centennial Cotton Gin Company, Columbus, Ga. Extractor feeder. 2,127,423; Aug. 16.

Robertson, Harold J., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Demulsifying cut oils and the like. 2,127,140; Aug. 16.

Robertson, Harold J., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Composition and process for demulsifying cut oils and the like. 2,127,141; Aug. 16.

Robertson, Milton S. (See Streif, R. J., and Robertson.)

Robinson, F. Warner, New York, N. Y. Making paper products. 2,126,922; Aug. 16.

Robinson, Holton D., New York, N. Y. Anchorage for suspension bridge cables. 2,127,235; Aug. 16.

Robinson, William R., Niles, Ohio. Range boiler. 2,127,269; Aug. 16.

Rodgers, Paul C., administrator. (See Paul, Harold S.)

Rodrick, Raymond A., Akron, Ohio. Windshield wiping device. 2,127,142; Aug. 16.

Roelen, Otto. (See Martin, F., Roelen, and Feisst.)

Roemer, William C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Slide-action firearm. 2,126,816; Aug. 16.

Rogers, Clifford R. (See Johnston, E. A., Baker, and Rogers.)

Röhm & Haas Company. (See Bruson, H. A., and Stein, assignors.)

Röhm & Haas Company. (See Plauson, Hermann, assignor.)

Rolle, Karl J., Cranston, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Nozzle closure means for containers and washers for use therein. 2,127,424; Aug. 16.

Romanelli, Emilio, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Swaging machine. 2,126,923; Aug. 16.

Rose, William H., Jersey City, N. J. Dust spraying device. 2,126,924; Aug. 16.

Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,126,817; Aug. 16.

Rosenthal, J. C. (See Sappington, Paul, assignor.)

Ross, Ernest, Elmhurst, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Talking motion picture projector. 2,127,143; Aug. 16.

Rothenberg, Sam. (See Sears, H. M., and Rothenberg.)

Roualet, Andre J. E., assignor to Chrysler Corporation, Detroit, Mich. Automatic choke. 2,127,345; Aug. 16.

Rüsch, Gustav O. K. (See Christiansen, C., and Rüsch.)

Ruttenberg, Harold E., et al. (See Arver, Joseph F., assignor.)

Ryan, Lonnie W., Westfield, and E. K. Fischer, Elizabeth, N. J., assignors, by mesne assignments, to Interchemical Corporation, New York, N. Y. Pigments in oil and making the same. 2,126,925; Aug. 16.

Rzehulka, Rudolf. (See Knoll, M., and Rzehulka.)

Sacco, James, Everett, Mass. Electric connecter. 2,127,473; Aug. 16.

Safway Steel Scaffolds Co. of America. (See Beatty, D. E., and Rambo, assignors.)

Safway Steel Scaffolds Co. of America. (See Rambo, I. G., and Graser, assignors.)

Safway Steel Scaffolds Co. of America, The. (See Uecker, R. A., Rambo, and Beatty, assignors.)

Sager, Theron P., and D. F. Houston, Washington, D. C. Gas-retaining fabric. 2,126,818; Aug. 16.

Sail-Me Company. (See Howard, Joseph O., assignor.)

Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Teleprinter. 2,127,144; Aug. 16.

Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,127,145; Aug. 16.

Sammut, Saviour, New Haven, Conn. Three-way socket and lamp. 2,127,370; Aug. 16.

Sampson, Clara F., Chicago, Ill. Eyebrow razor. 2,127,010; Aug. 16.

Samson-United Corporation. (See Samuels, Abe O., assignor.)

Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric stove. 2,127,425; Aug. 16.

Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Stove plate with reinforced expansible sectors. 2,127,426; Aug. 16.

Sander, Ernst, Dessau, Germany. Refrigeration machine. 2,126,978; Aug. 16.

Sanderson, Joseph H., Babylon, N. Y. Separator for snap fasteners. 2,127,346; Aug. 16.

Sangamo Electric Company. (See Martin, James S., assignor.)

Sappington, Paul, assignor of one-half to J. C. Rosenthal, Los Angeles, Calif. Machine for making spring mattresses and the like. 2,126,979; Aug. 16.

Schaaf, John, Buffalo, N. Y. Making sewage screens. 2,127,270; Aug. 16.

Schamp, Charles H., Milwaukee, and D. J. Foote, West Allis, assignors to Master Lock Company, Milwaukee, Wis. Permutation lock. 2,127,089; Aug. 16.

Schawlem, Albert E., Canton, Ohio. Tractor and trailer construction. 2,126,819; Aug. 16.

Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. Permanent magnet galvanometer. 2,127,427; Aug. 16.

Schellin, John C., and E. J. Housekeeper, Wooster, and E. R. Hamilton, Canton, assignors to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Mist-producing nozzle. 2,127,188; Aug. 16.

Schenk, William, St. Albans, N. Y. Water protective device for automobile motors. 2,127,271; Aug. 16.

Scherer, Otto. (See Müller, F., Schumacher, and Scherer.)

Schichtel, Georg. (See Lasch, L., and Schichtel.)

Schiernbeck, Otto A., Davenport, Iowa. Graphing appliance. 2,126,927; Aug. 16.

Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Dyeing artificial shaped articles. 2,127,236; Aug. 16.

Schmalz, Charles H., Ridley Park, Pa. Apparatus for grinding. 2,127,071; Aug. 16.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Resilient connection. 2,126,703; Aug. 16.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Resilient connection. 2,126,704; Aug. 16.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Elastic coupling of rubber-metal parts. 2,126,705; Aug. 16.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Pipe connection. 2,126,706; Aug. 16.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Rubber and metal spring. 2,126,707; Aug. 16.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Torsional rubber spring. 2,126,708; Aug. 16.

Schmidt, Hans, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Aromatic compounds of trivalent antimony and preparing the same. 2,127,371; Aug. 16.

Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)

Schneider, Albert, and F. Gaisser, Stuttgart, Germany. Preparing water for industrial purposes of all kinds, especially boiler feed water. 2,127,450; Aug. 16.

Schneider, George. (See Dreyfus, C., and Schneider.)

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Fabric and making same. 2,126,820; Aug. 16.

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Composite fabric and making same. 2,126,821; Aug. 16.

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Fabric and making same. 2,126,822; Aug. 16.

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Making a stiffened fabric. 2,126,823; Aug. 16.

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Composite fabric and making same. 2,126,824; Aug. 16.

Schneuer, Arthur W. (See Sovad, E. L., and Schneuer.)

Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Railway brake mechanism. 2,127,428; Aug. 16.

Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Braking. 2,127,429; Aug. 16.

Scholl Manufacturing Company Limited, The. (See Thornton-Norris, George, assignor.)

Schreiner, Ernest J. (See Carpenter, L. A., and Schreiner.)

Schremp, Frederick W., Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,127,431; Aug. 16.

Schroeder, Fred, Milwaukee, Wis. Washing machine. 2,127,311; Aug. 16.

Scholes, Richard T., Hinsdale, Ill. Rail fastening. 2,127,430; Aug. 16.

Schumacher, Willy. (See Müller, F., Schumacher, and Scherer.)

Schwarze, Paul, St. Gallen, Switzerland, and R. Setzer, Obermenzing, near Munich, Germany, assignors to Technik und Investment Aktiengesellschaft, Vaduz, Liechtenstein. Grid used in machines for opening, cleaning, carding, and like treatment of textile fibers. 2,127,049; Aug. 16.

Schweisthal, Fred G., and W. S. Hansen, assignors to Stewart-Warner Corporation, Chicago, Ill. Testing and calibrating machine. 2,127,272; Aug. 16.

Scott, George R., et al. (See Graves, Grover C., assignor.)

Scott, Richard C. (See Nichols, H. E., and Scott.)

Scovill Manufacturing Company. (See Wahl, John, assignor.)

Scripture, Edward W., Jr., Shaker Heights, assignor to The Master Builders Company, Cleveland, Ohio. Hardening and waterproofing composition for concrete or mortar. 2,127,451; Aug. 16.

Scullari, Angelo, and G. Loccisano, Brooklyn, N. Y. Spray gun. 2,127,189; Aug. 16.

Seamark, Lewis M. C., Radfords, Dawlish, England. Casing head equipment for bore holes or wells. 2,127,312; Aug. 16.

Sears, Hartley M.. (See Sears, H. M., and Rothenberg, assignors.)

Sears, Hartley M., Pasadena, and S. Rothenberg, Los Angeles, Calif., assignors of one-half to H. S. Lipton and one-half to said H. M. Sears. Tag device. 2,126,980; Aug. 16.

Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,011; Aug. 16.

Seliger, Hellmuth, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Recovery of metals from ores. 2,126,825; Aug. 16.

Servel, Inc. (See Bel Heddes, Norman, assignor.)

Setzer, Rudolf. (See Schwarze, P., and Setzer.)

Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Paper cutting machine. 2,127,432; Aug. 16.

Shafer, Lincoln M. (See Crossley, M. L., and Shafer.)

Shaler Company, The. (See Gibbons, Alfred G., assignor.)

Shaler Company, The. (See Hanson, Harold H., assignor.)

Sharples Specialty Company, The. (See Bath, Wilmer H., assignor.)

Sharples Specialty Company, The. (See Brewer, Nathaniel, assignor.)

Shields, Percy. (See Kramer, E., Shields, and Gitelson.)

Shively, George B., Waynesboro, Pa. Loss prevention device. 2,126,826; Aug. 16.

Sieglitz, Adolf. (See Wolff, P., and Sieglitz.)

Siemens & Halske, Aktiengesellschaft. (See Keinath, G., and Merz, assignors.)

Siemens-Reiniger-Werke A. G. (See Goldschmidt, Wilhelm, assignor.)

Simon, Walter. (See Pier, M., Jacob, and Simon.)

Sinclair Refining Company. (See Robertson, Harold J., assignor.)

Singer Manufacturing Company, The. (See Barron, William L., assignor.)

Singer Manufacturing Company, The. (See Corrall, H., and Stevens, assignors.)

Singer Manufacturing Company, The. (See McCann, Michael, assignor.)

Sky, Matthew M., Chicago, Ill. Game apparatus. 2,127,433; Aug. 16.

Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polynuclear hydroaromatic amines. 2,127,377; Aug. 16.

Smallen, Louis J., Los Angeles, Calif. Adjustable broiler for ranges. 2,127,146; Aug. 16.

Smith, Cyril S., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Copper-cobalt-zinc alloy. 2,126,827; Aug. 16.

Smith, Franklin S., New Haven, Conn. Method and apparatus for drying. 2,127,474; Aug. 16.

Smith, Gertrude L., Los Angeles, Calif. Spiral binder. 2,127,434; Aug. 16.

Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Concentrating method. 2,126,928; Aug. 16.

Smith, Howard, Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron construction. 2,127,050; Aug. 16.

Smith, Lloyd E., Washington, D. C. Insecticide. 2,127,090; Aug. 16.

Smith, William J., et al. (See Hayes, Ralph S., assignor.)

Smith, William L., Jr. (See Lawson, R. H., and Smith.)

Smithe, F. L., Machine Co. (See Overly, Elmer G., assignor.)

Snodgrass, Benjamin W., Denver, Colo. Impact element actuating means. 2,126,828; Aug. 16.

Snodgrass, Benjamin W., Denver, Colo. Mechanical hammer. 2,126,829; Aug. 16.

Snow, Early L., and E. L. Barkley, Jr., Winston-Salem, N. C. Hogshead and using same. 2,127,435; Aug. 16.

Snow & Petrelli Mfg. Co., The. (See Nabstedt, Arthur T., assignor.)

Snow, William B., Maplewood, and J. C. Steinberg, Lake Mohawk, Sparta, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,126,929; Aug. 16.

Snowdon, Arthur B., Hillsdale, N. J., and H. R. Bodell, Ossining, N. Y., assignors to Celanese Corporation of America. Composite fabric and making same. 2,126,830; Aug. 16.

Snyder, Aulden D., assignor of one-third to W. J. Wesseler, Cleveland, Ohio. Rotary valve and internal combustion engine construction. 2,127,436; Aug. 16.

Snyder, Ward H., Miami, Fla., assignor of one-third to F. F. Farkas, and one-third to E. N. Farkas, Chicago, Ill. Mechanism for dividing and coalescing images. 2,126,930; Aug. 16.

Societa Italiana Pirelli. (See Pestalozza, Ugo, assignor.)

Société Anonyme: Société Francaise de Métrographie. (See Levy, M. A. E., and Loth, assignors.)

Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. (See Levy, Rene L., assignor.)

Societa Italiana Pirelli. (See Venosta, Giuseppe, assignor.)

Société Anonyme Internationale de Télégraphie sans Fils. (See Marique, Jean, assignor.)

Société Rateau. (See Hermitte, Louis, assignor.)

Sola Electric Co. (See Sola, Joseph G., assignor.)

Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Reactor. 2,127,237; Aug. 16.

Solar Laboratories. (See Martin, Raymond G., assignor.)

Solomon, David I., New York, N. Y. Combined surgical instrument. 2,127,190; Aug. 16.

Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Permutation lock. 2,127,091; Aug. 16.

Sorsoleil, Raymond C., Seattle, Wash. Apparatus for conditioning and circulating air. 2,126,931; Aug. 16.

Sovad, Einar L., and A. W. Schneuer, St. Paul, Minn. Powder dispenser. 2,127,092; Aug. 16.

Sowle, William C., Jeffersonville, Ind. Fifth wheel mounting for vehicles. 2,127,313; Aug. 16.

Spaeth, Phil D., et al. (See Bezzenberger, Frederick K., assignor.)

Spangler, Carroll L., Cincinnati, and W. A. Morris, Wyoming, assignors to The Paper Service Company, Lockland, Ohio. Lined bag and making it. 2,127,012; Aug. 16.

Spaulding, Charles H., Springfield, Ill. Apparatus for conditioning precipitates and separating same from liquids. 2,127,314; Aug. 16.

Spence, David, Monterey, Calif. Treating latex and product thereof. 2,126,831; Aug. 16.

Spencer, John I. (See Wolfe, G. F., and Spencer.)

Spencer, Samuel B., and J. C. Dutton, Runcorn, England, assignors to Imperial Chemical Industries Limited. Degreasing metal strip. 2,127,437; Aug. 16.

Sperry Gyroscope Company. (See Hodgman, F. S., and Bird, assignors.)

Sperry Gyroscope Company. (See Kenyon, Theodore W., assignor.)

Sperry Gyroscope Company. (See Moseley, Francis L., assignor.)

Spyut, Albert B., Waltham, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing device. 2,126,932; Aug. 16.

Square D Company. (See Kingdon, Ralph H., assignor.)

Squire, Guy O. (See Rickard, Joseph S., assignor.)

Stahl, R., A. G. (See Dennerlein, Paul, assignor.)

Standard Cap and Seal Corporation. (See Tevander, Olof N., assignor.)

Standard-I. G. Company. (See Pier, M., Jacob, and Simon, assignors.)

Standard Oil Development Company. (See Rosen, Raphael, assignor.)

Standard Stoker Company (1922). (See Capps, Washington T., assignor.)

Standard Stoker Company (1922), The. (See Hogg, Francis, assignor.)

Standard Stoker Company, The. (See MacKenzie, Joseph B., assignor.)

Stanley Works, The. (See Duncan, A. S., and Stowell, assignors.)

Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,127,273; Aug. 16.

Starniri, Patrick. (See McCaleb, K. V., and Starniri.)

Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Air cooled condenser. 2,127,438; Aug. 16.

Steffens, Albert W., Pittsburg, Kans. Spring seat construction. 2,127,093; Aug. 16.

Stein, Otto. (See Bruson, H. A., and Stein.)

Steinberg, John C. (See Snow, W. B., and Steinberg.)

Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Wearing apparel and making same. 2,126,832; Aug. 16.

Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Reinforced textile material. 2,126,833; Aug. 16.

Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Textile materlal. 2,126,834; Aug. 16.
Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Textile article. 2,126,835; Aug. 16.
Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Neckwear. 2,126,836; Aug. 16.
Steiner Sales Company. (See Grunwald, Albert C., assignor.)
Stenger, Charles A. (See Peters, F. F., and Stenger.)
Stephenson, William B. (See Irsch, G. J., and Stephenson.)
Steuart, Arthur B., Baltimore, Md. Rotary projector. 2,127,274; Aug. 16.
Stevens, Bertram A. (See Corrall, H., and Stevens.)
Stewart, George H., Akron, and B. A. Evans, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Elastic wall member. 2,126,837; Aug. 16.
Stewart-Warner Corporation. (See Schweisthal, F. G., and Hansen, assignors.)
Stimpson, Edwin B., Company. (See Gualtiere, Julius, assignor.)
Stokiss, Edmond L., Paris, France. Apparatus for integral carburetion for motors. 2,127,238; Aug. 16.
Stone, Albert L. (See Stone, Frederick and A. L.)
Stone, Frederick, Los Angeles, and A. L. Stone, Redondo Beach, assignors to Hydril Company, Los Angeles, Calif. Well drilling equipment. 2,126,933; Aug. 16.
Stoner, John J. Bremerton, Wash. Cleaning device for burner tips. 2,126,838; Aug. 16.
Stoody Company. (See Stoody, Shelley M., assignor.)
Stoody, Shelley M., assignor to Stoody Company, Whittier, Calif. Producing high melting point alloy castings. 2,127,239; Aug. 16.
Stott, George F., assignor to Eureka Prospect, Eureka, Nev. Chloridizing-cyanide process for extracting values from ores. 2,127,240; Aug. 16.
Strauss, Oscar A., Milwaukee, Wis. Vaginal treatment. 2,127,094; Aug. 16.
Stowell, Austin L. (See Duncan, A. S., and Stowell.)
Streif, Robert J., Modesto, and M. S. Robertson, Campbell, assignors to Independent Crop Dusting, Inc., San Francisco, Calif. Dusting apparatus. 2,127,275; Aug. 16.
Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Air circulatory system. 2,127,095; Aug. 16.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,127,439; Aug. 16.
Suthard, James G., assignor, by mesne assignments, to The Pure Oil Company, Chicago, Ill. Breaking petroleum emulsions. 2,126,839; Aug. 16.
Svenska Total Aktiebolaget. (See Thernell, Carl-Otto, assignor.)
Swangler, Rose M. (See Czajkowski, Francis T., assignor.)
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,013; Aug. 16.
Swartwood, Kenneth, and C. H. Angell, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,014; Aug. 16.
Sylvania Industrial Corporation. (See Reichel, F. H., and Craver, assignors.)
Synchrome Corporation. (See Wright, Walter L., assignor.)
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature changing system. 2,127,472; Aug. 16.
Taylor, Harden F., Scarsdale, and A. H. Cooke, Atlantic Beach, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for conditioning containers. 2,126,934; Aug. 16.
Technik und Investment Aktiengesellschaft. (See Schwarze, P., and Setzer.)
Technical Oil Tool Corporation. (See Culbertson, Joe W., assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Blomberg, Knut H., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, M., and Rzehelka, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leng, Leopold, assignor.)
Templeton, Kenly & Company. (See Tintera, G. E., and Gahl, assignors.
Tevander, Olof N., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Bottle capping machine. 2,126,840; Aug. 16.
Texas Company, The. (See Clarke, Louis A., assignor.)
Textile Machine Works. (See Richter, Max, assignor.)
Thayer, Starr, Houston, Tex. Apparatus for protecting pipe lines from electrolysis. 2,127,315; Aug. 16.
Thernell, Carl-Otto, assignor to Svenska Total Aktiebolaget, Stockholm, Sweden. Froth-producing apparatus. 2,127,191; Aug. 16.
Thornton-Norris, George, assignor to The Scholl Manufacturing Company Limited, London, England. Electromechanical display apparatus. 2,127,316; Aug. 16.
Thurm, Alfred, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,126,841; Aug. 16.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Electromagnetic wave signaling system. 2,127,015; Aug. 16.
Tiner, Anna R., Warren, Ohio. Crocheted pile material. 2,126,842; Aug. 16.
Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
Timken Roller Bearing Company, The. (See Edwards, Herbert C., assignor.)
Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
Tinker, Ralph, Fountain City, Wis. Cultivator plow. 2,127,347; Aug. 16.
Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
Tinnerman, George A., Rocky River, assignor to Albert H. Tinnerman, Cleveland, Ohio. Grille fastener and installation thereof. 2,127,072; Aug. 16.
Tintera, George E., Berwyn, and W. E. Gahl, Brookfield, assignors to Templeton, Kenly & Company, Limited, Chicago, Ill. Operating mechanism for lifting jacks. 2,126,843; Aug. 16.
Topping, Frank J., Hinton, W. Va. Air-cooled steam pipe expansion joint. 2,127,073; Aug. 16.
Toth, John, Jr., South Bend, Ind. Oil cooling system. 2,127,192; Aug. 16.
Toulmin, Harry A., Jr., Dayton, Ohio, assignor, by mesne assignments, to Commonwealth Engineering Corporation, Wilmington, Del. Apparatus for production of carbon black. 2,127,193; Aug. 16.
Transit Research Corporation. (See Hirschfield, Clarence F., assignor.)
Tratsch, Walter A., Chicago, Ill. Target apparatus. 2,127,276; Aug. 16.
Truscott, Roy F., Newton, Kans. Adjustable portable partition for stock cars. 2,127,194; Aug. 16.
Turner, Ernest J. (See Turner, William A. and E. J.)
Turner, William A. and E. J., assignors to McLain Fire Brick Company, Pittsburgh, Pa. Pouring guard. 2,127,277; Aug. 16.
Tyken, John G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power driving mechanism. 2,127,348; Aug. 16.
Udy, Marvin J., Niagara Falls, N. Y. Improving chrome ores. 2,127,074; Aug. 16.
Uecker, Reinhold A., I. G. Rambo, and D. E. Beatty, Wauwatosa, Wis., assignors to The Safway Steel Scaffold Co. of America, Wilmington, Del. Putlog. 2,126,844; Aug. 16.
Uihlein, Albert C. (See Robbins, D. S., and Uihlein.)
Ulrich, Heinrich, and E. Ploetz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of quaternary ammonium bases. 2,127,476; Aug. 16.
Union Carbide and Carbon Corporation. (See Marshall, James G., assignor.)
Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)
Union Switch & Signal Company, The. (See Nickolson, Frank H., assignor.)
United Research Corporation. (See Farrand, Clair L., assignor.)
United Research Corporation. (See Ross, Ernest, assignor.)
United Shoe Machinery Corporation. (See Barge, George H., assignor.)
United Shoe Machinery Corporation. (See Cocozella, Albert J. and A., Jr., assignors.)
United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
Universal Oil Products Company. (See Engelstein, Alvin, assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
Universal Oil Products Company. (See Pyzel, Robert, assignor.)
Universal Oil Products Company. (See Seguy, Jean D., assignor.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
Universal Oil Products Company. (See Swartwood, K., and Angell, assignors.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co. (See Eissmann, Oswald E., assignor.)
Van Beek, Heinz, Berlin-Lichterfelde-West, and T. Clapham, Berlin, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of extensible bundles of artificial threads. 2,127,283; Aug. 16.
Van Dyke, Henry A., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,126,981; Aug. 16.
Vaughen, John V., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning and pickling. 2,127,147; Aug. 16.
Venosta, Giuseppe, assignor to Societa Italiana Pirelli, Milan, Italy. Composite pneumatic tire. 2,127,075; Aug. 16.
Vermont Marble Company. (See Briant, R. C., and Bain, assignors.)
Victor, Benjamin J. (See Victor, John H. and B. J.)

Victor, John H., Wilmette, and B. J. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Coated all-metal gasket. 2,127,372; Aug. 16.
Victor Manufacturing & Gasket Company. (See Victor, John H. and B. J., assignors.)
Vogt, Hans, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. High frequency part. 2,127,241; Aug. 16.
Voiles, Frank A., Chicago, Ill. Internal combustion engine. 2,127,016; Aug. 16.
Voit, William J., Los Angeles, Calif. Making balls. 2,127,487; Aug. 16.
Völkel, Werner. (See Johannsen, F., and Völkel.)
Vollmann, Heinrich, Frankfort-on-the-Main-Hoechst, and H. Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polycyclic aromatic aldehydes and carboxylic acids and preparing them. 2,127,096; Aug. 16.
Volume Sprayer Manufacturing Company. (See Patterson, Joseph W., assignor.)
Von Bon Horst, Earl, San Clemente, Calif. Air-cooled safety tire. 2,127,052; Aug. 16.
Von Heinrich, Friedrich, Budapest, Hungary. Device for drying prints, particularly copper prints. 2,127,217; Aug. 16.
Von Manteiffel, Gert Z. (See Wunsch, G., and von Manteuffel.)
Von Mantueffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Direction maintaining means for use on dirigible craft. 2,126,935; Aug. 16.
Von Shuckmann, Gustav. (See Normann, W., and von Schuckmann.)
Vorhies, Verl, Climax, Colo. Powder tool. 2,127,378; Aug. 16.
Vulcan Corporation. (See Darragh, Harry W., assignor.)
Wagner, Wiltz W., and C. J. Lane, New Orleans, La., said Lane assignor to said Wagner. Dough brake. 2,127,076; Aug. 16.
Wahl, John, Rosedale, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tire valve. 2,126,845; Aug. 16.
Waite, Donald B., et al. (See Hayes, Ralph S., assignor.)
Walker, Willard R., Syracuse, N. Y. Dishwasher. 2,127,017; Aug. 16.
Wall, Eugene W., assignor to Kali Manufacturing Company, Philadelphia, Pa. Textile finishing material. 2,126,936; Aug. 16.
Ward Leonard Electric Company. (See Howe, Kasson, assignor.)
Ward Leonard Electric Company. (See Logan, Frank G., assignor.)
Washburn Company, The. (See Andrews, C., and Hannon, assignors.)
Watanabe, Yoshito, Kinukake-cho, Suma-ku Kobe, Japan. Multiple selector system. 2,126,846; Aug. 16.
Weaver, Stuart E. (See Parkinson, R. R., and Weaver.)
Weber, Edna C. (See George, S. C., and (Weber, assignor).)
Weber, John J. (See George, S. C., and Weber.)
Webwood Corporation. (See Hoflin, Richard F., assignor.)
Wehrlin, Hans, Berlin-Lichterfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Modulating high frequency transmitters. 2,127,148; Aug. 16.
Weiselberg, Leo, New York, N. Y. Lateral fender beam for automobiles. 2,127,440; Aug. 16.
Weiss, Abraham, New York, N. Y. Liquid dispensing means. 2,126,847; Aug. 16.
Weiss, Abraham, New York, N. Y. Liquid dispensing means. 2,126,848; Aug. 16.
Weiss, Abraham, New York, N. Y. Brake for motor vehicles. 2,126,849; Aug. 16.
Weiss, John M., New York, N. Y., assignor to The Calorider Corporation, Greenwich, Conn. Coal tar resins and the products produced thereby. 2,126,937; Aug. 16.
Welch, Arthur R., assignor to Harbor Plywood Corporation, Hoquiam, Wash. Charging and discharging mechanism for presses. 2,127,278; Aug. 16.
Welch, William T., Westfield, N. Y., assignor to Ajax Flexible Coupling Company. Vibratory motion producing apparatus. 2,127,317; Aug. 16.
Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Safety emergency brake lever. 2,127,097; Aug. 16.
Wesley, Arthur, Chicago, Ill., assignor, by mesne assignments, to The American Pad and Textile Company, Greenfield, Ohio. Horse-collar pad. 2,127,242; Aug. 16.
Wesseler, William J. (See Snyder, Alden D., assignor.)
Westinghouse Electric and Manufacturing Company. (See Romanelli, Emilio, assignor.)
Wheeling Stamping Company. (See Palmer, Robert, assignor.)
Whelen, Myron S., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2,6-dichloroanthraquinone. 2,127,098; Aug. 16.
Whitaker, Anton K., Cuyahoga Falls, assignor to The Burt Manufacturing Company, Akron, Ohio. Ridge type ventilator. 2,127,099; Aug. 16.
Whitaker, Anton K., Cuyahoga Falls, assignor to The Burt Manufacturing Company, Akron, Ohio. Ventilator (unitary type). 2,127,100; Aug. 16.
White, Eric L. C. (See Percival, W. S., and White.)
White, Fred L. (See Owens, C. A., White, and Beicher.)
White, Wallace A., Richmond, Va. Water meter. 2,127,195; Aug. 16.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Conductor and filaments therefor containing organic derivative of cellulose. 2,126,850; Aug. 16.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Organic derivatives of cellulose. 2,126,851; Aug. 16.
Whiting Corporation. (See Young, Raymond E., assignor.)
Whitney, Edward E., and L. W. Hontoon, assignors to Matthews Manufacturing Company, Worcester, Mass. Ball-bearing roll. 2,127,149; Aug. 16.
Widger, William O. (See McCullough, David R., assignor.)
Wilcox, Harry A. (See Barker, J. L., and Wilcox.)
Wilkinson, John L., Washington, D. C. Combined can opener and mug handle. 2,127,452; Aug. 16.
Willard Manufacturing Corporation. (See Gegenheimer, William, assignor.)
Wille, Walter O. (See Clay, J. B., and Wille.)
Williams, Lewis W., Short Hills, and G. A. Arnold, Chatham, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,126,938; Aug. 16.
Williams Oil-O-Matic Heating Corporation. (See Zellhoefer, Glenn F., assignor.)
Willoughby, Howard J., Little Neck, N. Y. Lubricator shaking jack. 2,127,279; Aug. 16.
Wilmot and Cassidy, Inc. (See Cassidy, Thomas A., assignor.)
Wilson, Harry L., Chevy Chase, Md., and W. T. Johnson, Jr., Arlington, Va., dedicated to the free use of the people of the United States of America. Preventing the oiling off or leakage of butterfat in cheese. 2,127,453; Aug. 16.
Winchester Repeating Arms Company. (See Lewis, George S., assignor.)
Winchester Repeating Arms Company. (See Roemer, William C., assignor.)
Winfield, Edward A., La Canada, Calif. Internal combustion engine head. 2,126,939; Aug. 16.
Winthrop Chemical Company. (See Schmidt, Hans, assignor.)
Wishart, Ronald S. (See Haliden, F. G., and Wishart.)
Wolfe, George F., and J. I. Spencer; said Spencer assignor to said Wolfe, Memphis, Tenn. Automatic speed control for vehicles. 2,127,454; Aug. 16.
Wolff, Paul, and A. Sieglitz, Frankfort-on-the-Main, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Carboeyanine dyestuffs and preparing them. 2,126,852; Aug. 16.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink motion. 2,127,455; Aug. 16.
Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
Woolley, Ernest L., Providence, R. I. Liquid fuel burner. 2,126,853; Aug. 16.
Worley, Donald E., Waltham, Mass. Precision bearing. 2,127,196; Aug. 16.
Wotherspoon, Robert, East Orange, N. J., assignor to Derris, Inc., New York, N. Y. Preparing improved derris and cube extracts and hydrogenated derivatives and products produced thereby. 2,126,854; Aug. 16.
Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
Wright Aeronautical Corporation. (See Chilton, R., and Gagg, assignors.)
Wright, Walter L., assignor to Synchrome Corporation, Santa Monica, Calif. Camera. 2,127,197; Aug. 16.
Wünsch, Guido, Berlin-Steglitz, and G. Zoege von Manteuffel Berlin-Dahlem, Germany, assignors to Askania-Werke A. G., vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau. Direction maintaining means for use on dirigible craft. 2,126,855; Aug. 16.
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Straight line needle valve. 2,126,856; Aug. 16.
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Pipe coupling. 2,126,857; Aug. 16.
Yates, Donald R. M., Highclere, Chislehurst, England. Leaf spring. 2,127,077; Aug. 16.
York Ice Machinery Corporation. (See Aldinger, Jacob G., assignor.)
Young, Charles A., Springfield, Ohio. Gun. 2,127,318; Aug. 16.
Young, Raymond E., assignor to Whiting Corporation, Harvey, Ill. Fuel feed for stokers and the like. 2,127,018; Aug. 16.
Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
Yourkevitch, Vladimir, Paris, France. Ship's stern. 2,127,475; Aug. 16.
Zadek, Arthur, New York, N. Y. Child's spoon with whistle in handle. 2,126,858; Aug. 16.
Zahradnik, Eustach, Vienna, Austria. Reclosable automatic overload cut-out. 2,127,319; Aug. 16.
Zellhoefer, Glen F., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Refrigerating apparatus. 2,127,101; Aug. 16.
Zimbalist, William H., New York, assignor to P. H. Meyer, Mount Vernon, N. Y. Lock bracket. 2,127,280; Aug. 16.

Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Can opener. 2,127,373; Aug. 16.

Zimmerman, Willard P., and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Forming hollow glass articles. 2,127,150; Aug. 16.

Zwicker, Else, administratrix. (See Zwicker, Horst, assignor.)

Zwicker, Horst, deceased, Leipzig, Germany; G. E. Zwicker, administratrix, assignor to the firm Horst Zwicker. Frame for pictures, photographs, placards, or the like. 2,127,078; Aug. 16.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 16TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Basket construction, Centrifugal. E. Roberts. Re. 20,829; Aug. 16.

Gauge, Pressure. H. Seegers. Re. 20,830; Aug. 16.

Mineral wool, Process and furnace for making. E. R. Powell. Re. 20,828; Aug. 16.

Musical instrument, Electronic. G. Smiley. Re. 20,831; Aug. 16.

Objects to predetermined positions, Turning rotatable. Le R. J. Leishman. Re. 20,827; Aug. 16.

Sprayer employed in watering areas of land. W. Kind, G. Schenk, and H. R. Busch. Re. 20,826; Aug. 16.

Spring suspension for automobiles. F. M. White. Re. 20,833; Aug. 16.

Well heating device and method. W. T. Wells. Re. 20,832; Aug. 16.

LIST OF PLANT INVENTIONS

Rose. E. Towill. 282; Aug. 16.

LIST OF DESIGN INVENTIONS

Animal figure. C. H. Forbell. 110,861; Aug. 16.

Ball game device. R. H. Hayes and W. L. Smith. 110,863; Aug. 16.

Band filing and sawing machine, Combined metal. L. A. Wilkie. 110,915; Aug. 16.

Bathtub. W. D. Kraemer. 110,900; Aug. 16.

Bed and bookcase, Combination. W. L. Davis. 110,891; Aug. 16.

Bed and chest of drawers. W. L. Davis. 110,892; Aug. 16.

Bed and desk, Combination. W. L. Davis. 110,893; Aug. 16.

Block, Hollow glass building. C. E. Hawk. 110,894–5; Aug. 16.

Bottle. F. N. Lewis. 110,870; Aug. 16.

Bottle. F. W. Lohse. 110,873; Aug. 16.

Bottle and base therefor, Combined. F. N. Lewis. 110,871; Aug. 16.

Bottle, Toilet. W. L. Schultz. 110,881; Aug. 16.

Bowl and base therefor, Combined. E. J. Loesch. 110,902; Aug. 16.

Box or similar container. S. S. Kovacs. 110,869; Aug. 16.

Bread slicing machine. S. Debus. 110,920; Aug. 16.

Cabinet for a phonograph or the like. H. T. Roberts. 110,880; Aug. 16.

Can or similar container. S. S. Kovacs. 110,868; Aug. 16.

Cap. R. M. Lippmann. 110,941; Aug. 16.

Case for a thermostat or similar article, Wall. W. A. Ray. 110,878–9; Aug. 16.

Case or similar article, Cigarette. G. W. Headley, 3rd. 110,864; Aug. 16.

Case, Timer. R. E. Patten. 110,906; Aug. 16.

Chopper unit, Combination food. F. B. Gerard. 110,923; Aug. 16.

Coat. F. Leto. 110,925; Aug. 16.

Coat. S. Prestyly. 110,930; Aug. 16.

Coat. M. P. Sonberg. 110,932; Aug. 16.

Collar, Lace. E. Roth. 110,908–10; Aug. 16.

Connection for a sectional handle. H. Siemund. 110,911; Aug. 16.

Container, Talcum powder. F. N. Lewis. 110,872; Aug. 16.

Cover, Box. J. Quartz. 110,877; Aug. 16.

Cup or analogous article. H. C. Kupper. 110,901; Aug. 16.

Dental applicator. A. D. Wiseman. 110,936; Aug. 16.

Desk, table, and utility cabinet, Combined. D. E. Patz. 110,907; Aug. 16.

Desk unit, Combination. A. S. Brand and L. W. Kendrick. 110,889; Aug. 16.

Dress ensemble. R. Wein. 110,942; Aug. 16.

Extractor, Fruit juice. J. P. Weyman. 110,913; Aug. 16.

Extractor, Juice. H. C. Johnson. 110,897; Aug. 16.

Fabric, Knitted. P. Rosenkrantz. 110,931; Aug. 16.

Fabric or similar article, Textile. A. Hafner. 110,948; Aug. 16.

Fabric or similar article, Textile. B. E. Strobel. 110,934; Aug. 16.

Fabric or similar article, Textile. M. Turpan. 110,949–51; Aug. 16.

Fabric or similar article, Textile. A. Zavell. 110,947; Aug. 16.

Fabric, Textile. J. H. Bunting. 110,938; Aug. 16.

Fan propeller. E. S. Preston. 110,876; Aug. 16.

Fork, Velocipede front. S. A. Snell. 110,883; Aug. 16.

Game board. A. Feldmann. 110,860; Aug. 16.

Game board. A. Marvin. 110,903; Aug. 16.

Game board or similar article. D. A. Murray and J. Keane. 110,905; Aug. 16.

Game device, Tiltable pin. A. L. Murray. 110,875; Aug. 16.

Glass, Drinking. J. E. Spence. 110,912; Aug. 16.

Glove. A. S. David. 110,919; Aug. 16.

Guard, Lamp. P. E. Merrifield. 110,904; Aug. 16.

Hamper. W. Fein. 110,859; Aug. 16.

Handbag. I. Pichel. 110,929; Aug. 16.

Hat. S. Finkelstein. 110,939; Aug. 16.

Hat. W. Steffen. 110,933; Aug. 16.

Hat or similar article, Beach. L. S. Loewengard. 110,926; Aug. 16.

Head for an electric razor. L. V. Aronson. 110,937; Aug. 16.

Holder, Combined pipe and identification slip. E. M. Springer and V. R. Harris. 110,885; Aug. 16.

Holder, Eraser. A. Tannelli. 110,896; Aug. 16.

Jar. F. Smith. 110,882; Aug. 16.

Jug. G. N. King. 110,909; Aug. 16.

Lock or the like, Luggage. R. Heller. 110,865; Aug. 16.

Mirror, Handbag. J. S. Fein. 110,921; Aug. 16.

Ornament, Hair. L. J. Gagnon. 110,922; Aug. 16.

Piano, Grand. E. Worthington. 110,943–6; Aug. 16.

Pistol. H. A. Stevens. 110,886–7; Aug. 16.

Plate for an electric switch, Face. H. M. Kidd. 110,867; Aug. 16.

Plate for supporting bus bars in a bus duct system. W. H. Frank. 110,862; Aug. 16.

Pumping unit. E. Vorhees and R. A. Niekamp. 110,935; Aug. 16.

Range. R. S. Goldthwaite. 110,924; Aug. 16.

Ring, Finger. O. Abrecht. 110,888; Aug. 16.

Shade, Lamp. J. W. Brooks. 110,890; Aug. 16.

Sign. D. G. Berger. 110,856; Aug. 16.

Sign, Illuminated advertising display. W. T. Johns. 110,866; Aug. 16.

Signal, Turn. F. Katzky. 110,898; Aug. 16.

Sock. W. F. Connor and M. E. Carney. 110,918; Aug. 16.

Stand, Display. C. H. Forbell. 110,940; Aug. 16.

Stove, Kitchen. B. F. Berkheimer. 110,916–7; Aug. 16.

Support or similar article, Water heater. C. H. Morrow. 110,927; Aug. 16.

Table and cabinet or similar article, Combined writing. C. E. Whitcomb. 110,914; Aug. 16.

Toothbrush, Electric. T. I. Moseley. 110,928; Aug. 16.

Toy rotary unit. C. Egerton. 110,858; Aug. 16.

Toy wagon body. J. R. Morgan. 110,874; Aug. 16.

Vehicle body. A. de Sakhnoffsky. 110,857; Aug. 16.

Velocipede. S. A. Snell. 110,884; Aug. 16.

Velocipede frame member. B. J. Anderson. 110,855; Aug. 16.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 16TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acetylene generator. J. G. Marshall. 2,126,902; Aug. 16.
Acid from nitrated starch, Removal of. J. Helle and A. Kunz. 2,127,360; Aug. 16.
Acids, Hydrogenation of higher fatty. W. Normann and G. von Schuckmann. 2,127,367; Aug. 16.
Acids or anhydrides, Preparation of polybasic. W. M. Billing. 2,126,944; Aug. 16.
Acoustic device. C. L. Farrand. 2,127,110; Aug. 16.
Acoustic rectifying device. S. C. Hight. 2,126,886; Aug. 16.
Air, Apparatus for conditioning and circulating. R. C. Sorsoleil. 2,126,931; Aug. 16.
Air circulating system. L. M. Persons. 2,127,046; Aug. 16.
Air circulatory system. W. E. S. Strong. 2,127,095; Aug. 16.
Air compressor. L. S. Boone. 2,127,152; Aug. 16.
Air cooled condenser. C. Steenstrup. 2,127,438; Aug. 16.
Air-inflating device. T. A. Hammond. 2,126,770; Aug. 16.
Airway, Expansible respiratory. J. T. Gwathmey. 2,127,215; Aug. 16.
Aldehydes and carboxylic acids and preparing them, Polycyclic aromatic. H. Vollmann and H. Becker. 2,127,096; Aug. 16.
Alloy: *See*—
Boron alloy. Magnesium alloy.
Copper-cobalt-zinc alloy.
Alloy. W. R. Breeler. 2,127,245; Aug. 16.
Alloy. A. G. de Golyer. 2,126,742; Aug. 16.
Alloy. A. G. de Golyer. 2,126,744–50; Aug. 16.
Alloys, Copper. F. R. Hensel. 2,127,117; Aug. 16.
Amalgamator. J. D. Niles. 2,127,418; Aug. 16.
Amines, Preparation of polynuclear hydroaromatic. C. Sly. 2,127,377; Aug. 16.
Ammonium bases, Production of quarternary. H. Ulrich and E. Ploetz. 2,127,476; Aug. 16.
Ammunition tank. C. F. Lambert. 2,127,263; Aug. 16.
Amplifiers, Electronically coupled regenerative. J. L. Hathaway. 2,127,334; Aug. 16.
Ampule. A. Brand. 2,127,203; Aug. 16.
Amusement device. A. C. Patey. 2,126,806; Aug. 16.
Anchor, Rail. R. A. Blair. 2,126,983; Aug. 16.
Anchorage for suspension bridge cables. H. D. Robinson. 2,127,235; Aug. 16.
Angle plate. S. Kolier. 2,126,896; Aug. 16.
Animal fibers, Printing. M. Kerth. 2,126,964; Aug. 16.
Annunciator system. A. Parlett. 2,127,343; Aug. 16.
Antenna system. A. Alford. 2,127,198; Aug. 16.
Antifoaming and antifreezing mixtures. M. T. Flaxman. 2,127,490; Aug. 16.
Apparatus and process for determining the position of a moving object. J. Marique. 2,127,415; Aug. 16.
Apparatus for electrostatic separation. E. Oppen and G. Grave. 2,127,307; Aug. 16.
Apparatus for transferring demountable bodies. R. A. Norbom. 2,126,800–1; Aug. 16.
Apparel and making same, Wearing. A. J. Steinberger. 2,126,832; Aug. 16.
Aromatic compounds of trivalent antimony and preparing the same. H. Schmidt. 2,127,371; Aug. 16.
Article for coating, Metal. J. J. Canfield and G. W. McGohan. 2,127,388; Aug. 16.
Articles, Decorating plastic. L. J. Most. 2,127,043; Aug. 16.
Articles, Dyeing artificial shaped. P. Schlack. 2,127,236; Aug. 16.
Articles from powdered materials, Manufacture of. G. J. Comstock. 2,126,737; Aug. 16.
Articles of cellulosic plastic material. B. Andersen and W. D. Paist. 2,126,714; Aug. 16.
Articles, Process and apparatus for drying. F. H. Reichel and A. E. Craver. 2,127,466; Aug. 16.
Articles, Process and apparatus for the manufacture of patterned. K. Gullich. 2,127,404; Aug. 16.
Automatic separator. C. W. Herrin. 2,127,256; Aug. 16.
Awning, Folding metal. J. T. Kitching. 2,127,062; Aug. 16.
Bag and making it, Lined. C. L. Spangler and W. A. Morris. 2,127,012; Aug. 16.
Bag making machine. A. Potdevin. 2,126,920–21; Aug. 16.
Bags, Apparatus for and method of sealing. S. Moore. 2,126,908; Aug. 16.
Ball bearing motor. C. L. Kennedy. 2,126,963; Aug. 16.
Ball-bearing roll. E. E. Whitney and L. W. Hontoon. 2,127,149; Aug. 16.
Balls, Making. W. J. Voit. 2,127,487; Aug. 16.

Base and cover, Meter. J. S. Martin. 2,127,041; Aug. 16.
Batcher, batch charging, and transfer system. C. and C. H. Johnson. 2,127,120; Aug. 16.
Beam head, Ribless. F. Mossberg. 2,126,970; Aug. 16.
Bearing: *See*—
Precision bearing.
Bearing and its manufacture, Antifriction. W. T. Murden. 2,126,912; Aug. 16.
Bearing members and rolled blanks therefor, Making roller. P. Klamp. 2,126,893; Aug. 16.
Bed, Collapsible. B. M. Graham. 2,127,025; Aug. 16.
Belt, Lineman safety. F. Kabat. 2,127,034; Aug. 16.
Binder, Spiral. G. L. Smith. 2,127,434; Aug. 16.
Binding, Loose leaf. A. L. Martin. 2,127,416; Aug. 16.
Binocular vision, Testing. A. Ames, Jr., and G. H. Gliddon. 2,126,713; Aug. 16.
Bituminous bodies, Method of and apparatus for making formed. W. Burchenal and A. J. Pfohl. 2,126,869; Aug. 16.
Blind structure, Venetian. H. K. Lorentzen. 2,127,125; Aug. 16.
Blinds, Device for operating Venetian. G. Findell. 2,127,330; Aug. 16.
Boiler: *See*—
Range boiler. Steam boiler.
Boiler and furnace, Steam. D. Bumstead, Jr. 2,126,730; Aug. 16.
Boron alloy. A. G. de Golyer. 2,126,743; Aug. 16.
Bottle capping machine. O. N. Tevander. 2,126,840; Aug. 16.
Bottles, Apparatus for filling and closing. R. B. Lewis and J. Reuther. 2,126,998; Aug. 16.
Box: *See*—
Meter box. Sample box.
Boxes, Making collapsible. H. S. Hinkle. 2,126,774; Aug. 16.
Bracket: *See*—
Lock bracket.
Bracket. C. I. Earll. 2,126,953; Aug. 16.
Brake: *See*—
Dough brake. Hydrodynamic brake.
Brake. L. E. Hodges. 2,127,030; Aug. 16.
Brake beam safety support. F. A. Isaacson. 2,127,258; Aug. 16.
Brake drum. C. S. Bragg. 2,126,945; Aug. 16.
Brake for motor vehicles. C. H. Bock. 2,126,984; Aug. 16.
Brake for motor vehicles. A. Weiss. 2,126,849; Aug. 16.
Brake for use with power transmitting mechanism. A. T. Nabstedt. 2,127,305; Aug. 16.
Brake lever, Safety emergency. F. D. Wenn. 2,127,097; Aug. 16.
Brake mechanism, Hydraulic. G. Farina. 2,127,290; Aug. 16.
Brake mechanism, Railway. T. H. Schoepf and D. M. Ritchie. 2,127,428; Aug. 16.
Brake structure. R. S. Hayes. 2,126,883; Aug. 16.
Brake valve. R. L. Levy. 2,127,064; Aug. 16.
Braking. T. H. Schoepf and D. M. Ritchie. 2,127,429; Aug. 16.
Braking mechanism, Motor vehicle. W. R. Griswold. 2,127,294; Aug. 16.
Bread slicing machine. H. J. Criner. 2,126,987; Aug. 16.
Broiler for ranges, Adjustable. L. J. Smallen. 2,127,146; Aug. 16.
Brush device, Fountain paint. H. F. Mitchell. 2,126,999; Aug. 16.
Brush, Fountain paint. H. F. Mitchell. 2,127,000; Aug. 16.
Bumper coupling, Self locking. P. L. Brattain. 2,127,387; Aug. 16.
Burner: *See*—
Fuel burner. Furnace burner.
Butterfat in cheese, Process to prevent the oiling off or leakage of. H. L. Wilson and W. T. Johnson, Jr. 2,127,453; Aug. 16.
Button fastener. A. Illsche. 2,127,363; Aug. 16.
Cabinet: *See*—
Panel cabinet.
Cable: *See*—
Electric cable.
Cable terminal. L. W. Kelsay. 2,126,891; Aug. 16.
Camera. W. L. Wright. 2,127,197; Aug. 18.
Cap and tube assembly. R. Palmer. 2,127,268; Aug. 16.
Car: *See*—
Railway car.
Carbon black, Apparatus for production of. H. A. Toulmin, Jr. 2,127,193; Aug. 16.
Carburetion for motors, Apparatus for integral. E. L. Stokiss. 2,127,238; Aug. 16.

Carburetor. S. E. Bengtson. 2,127,386; Aug. 16.
Carburetor. J. R. Emerson. 2,127,444; Aug. 16.
Carpet, Manufacture of rewoven. C. R. McGimsey. 2,127,228; Aug. 16.
Case: *See*—
Wardrobe case.
Case construction for articles of furniture. F. T. Parrish. 2,126,916; Aug. 16.
Casing head equipment for bore holes or wells. L. M. C. Seamark. 2,127,312; Aug. 16.
Cassette particularly for X-ray exposures. W. Goldschmidt. 2,126,769; Aug. 16.
Caster. I. G. Rambo and F. H. Graser. 2,126,811; Aug. 16.
Castings, Producing high melting point alloy. S. M. Stoody. 2,127,239; Aug. 16.
Catalytic reactions, Carrying out. M. Pier and P. J. and W. Simon. 2,127,382–3; Aug. 16.
Cathode, Indirectly heated. M. Knoll and R. Rzehulka. 2,126,894; Aug. 16.
Cellulose, Organic derivatives of. W. Whitehead. 2,126,851; Aug. 16.
Cellulose to form viscose, Xanthation of. G. A. Richter and E. W. Lovering. 2,126,976; Aug. 16.
Cellulose, Xanthation of. G. A. Richter. 2,126,975; Aug. 16.
Centrifugal machine. W. H. Bath. 2,126,864; Aug. 16.
Chair back construction. R. W. Lotz. 2,127,337; Aug. 16.
Change-over or switch device for radio frequency feed leads. L. Leng. 2,127,336; Aug. 16.
Charging and discharging mechanism for presses. A. R. Welch. 2,127,278; Aug. 16.
Chloridizing-cyanide process for extracting values from ores. G. F. Stott. 2,127,240; Aug. 16.
Chock, Drop-flush. F. A. Mutchler, Sr. 2,127,044; Aug. 16.
Choke, Automatic. A. J. E. Roualet. 2,127,345; Aug. 16.
Circuit: *See*—
Space discharge amplifier circuit. Tuned circuit.
Circuit control mechanism, Electric. M. A. Johnson. 2,127,259; Aug. 16.
Circuits, Electric valve. C. G. Suits. 2,127,439; Aug. 16.
Circuits, Testing line. F. G. Halliden and R. S. Wishart. 2,127,216; Aug. 16.
Clamp: *See*—
Pipe clamp. Quick acting clamp.
Clasp, Collar. R. K. Boog. 2,126,866; Aug. 16.
Cleaner: *See*—
Thread cleaner.
Cleaning device for burner tips. J. J. Stoner. 2,126,838; Aug. 16.
Clock. H. McCurdy. 2,126,906; Aug. 16.
Closure for bottles, collapsible tubes, and like containers. J. Rest. 2,127,489; Aug. 16.
Closure operator. F. A. Purdy. 2,127,376; Aug. 16.
Clutch. C. M. Eason. 2,126,760; Aug. 16.
Clutch. W. F. Ploetz. 2,127,344; Aug. 16.
Clutch for rotary tools, Antishell. W. W. Nash. 2,127,003; Aug. 16.
Coal tar resins and the products produced thereby. J. M. Weiss. 2,126,937; Aug. 16.
Coating on aluminum, Stabilizing. J. D. Edwards. 2,126,954; Aug. 16.
Composition for concrete or mortar, Hardening and waterproofing. E. W. Scripture, Jr. 2,127,451; Aug. 16.
Compressor or other engine. O. Lutz. 2,127,126; Aug. 16.
Concentrating method. H. F. Smith. 2,126,928; Aug. 16.
Condenser: *See*—
Air cooled condenser.
Condenser. W. Dubilier. 2,127,352; Aug. 16.
Conductor and filaments therefor containing organic derivative of cellulose. W. Whitehead. 2,126,850; Aug. 16.
Conduit, Flexible. G. A. Gleason. 2,126,955; Aug. 16.
Connecter: *See*—
Electric connecter.
Connection, Pipe. F. Schmidt. 2,126,706; Aug. 16.
Connection, Resilient. F. Schmidt. 2,126,703–4; Aug. 16.
Container: *See*—
Lipstick container. Railway container.
Container for flowable material. J. Rest. 2,126,815; Aug. 16.
Container for flowable material. J. Rest. 2,127,308; Aug. 16.
Containers, Apparatus for conditioning. H. F. Taylor and A. H. Cooke. 2,126,934; Aug. 16.
Containers, Apparatus for transferring freight. B. F. Fitch. 2,126,763; Aug. 16.
Containers, Method and apparatus for making. J. Rest. 2,126,814; Aug. 16.
Control apparatus. H. A. Van Dyke. 2,126,981; Aug. 16.
Control device for wrapping machines. W. A. Hayssen. 2,127,028; Aug. 16.
Control for knitting machines, Manual. R. H. Lawson and W. L. Smith. 2,127,179; Aug. 16.
Control mechanism. H. E. Lisk. 2,126,900; Aug. 16.
Control mechanism for furnaces. R. M. Hardgrove. 2,127,445; Aug. 16.
Control system. C. W. Nessell. 2,126,914; Aug. 16.
Controller for inductive devices. H. E. Hodgson. 2,126,775; Aug. 16.
Converter, Frequency. H. A. Affel. 2,126,859; Aug. 16.
Cooling apparatus. S. H. MacGregor. 2,126,792; Aug. 16.
Copper-cobalt-zinc alloy. C. S. Smith. 2,126,827; Aug. 16.
Cotton, Treating. W. B. Pratt. 2,126,809; Aug. 16.
Counter for fluid meters, Printing. W. F. Berck. 2,127,243; Aug. 16.
Coupler, Automatic train and vehicle services. W. H. Hartke. 2,126,882; Aug. 16.
Coupling: *See*—
Bumper coupling. Pipe coupling.
Hose coupling.
Coupling. B. G. Harley. 2,127,359; Aug. 16.
Coupling of rubber-metal parts, Plastic. F. Schmidt. 2,126,705; Aug. 16.
Cover holder, Cotton bale. F. J. Herbelin. 2,127,118; Aug. 16.
Covering for uncured rubber patches, Protective. H. H. Hanson. 2,126,771; Aug. 16.
Cradle adjustment for stranding machines. D. S. Robbins and A. C. Uihlein. 2,126,977; Aug. 16.
Culvert. F. L. Carswell and O. W. Schmidt. 2,126,870; Aug. 16.
Cup, Sputum. K. C. Hamilton. 2,126,701; Aug. 16.
Curler, Hair. G. Boulard. 2,127,349; Aug. 16.
Curtain holder. N. C. Hansen and W. H. Francis. 2,127,060; Aug. 16.
Curtain stretching and drying apparatus. J. Faber, Jr. 2,126,762; Aug. 16.
Cushioning of automobiles or like vehicles. S. T. Liem. 2,127,123; Aug. 16.
Cut-out, Reclosable automatic overload. E. Zabradnik. 2,127,319; Aug. 16.
Cutter: *See*—
Tube cutter.
Cylinder head attachment. R. Chilton and R. F. Gagg. 2,127,461; Aug. 16.
Dampening system for lithographic and analogous presses. J. G. Goedike. 2,126,768; Aug. 16.
Damper, Rocking dynamic. R. Chilton. 2,127,462; Aug. 16.
Decalcomania moistening apparatus. H. Kott. 2,126,784; Aug. 16.
Deep-well pump, Hydraulic. R. U. Grant. 2,127,168; Aug. 16.
Defroster attaching and retaining means, Windshield. H. W. Cole. 2,127,391; Aug. 16.
Demonstration set, Miniature. B. R. Pinney. 2,127,047; Aug. 16.
Dental bridge lock. F. L. Brecht. 2,127,285; Aug. 16.
Derris and cube extracts and hydrogenated derivatives and products produced thereby, Preparing improved. R. Wotherspoon. 2,126,854; Aug. 16.
Development process and developer for producing hardened images upon exposed silver halide-colloid emulsions. F. Leiber. 2,126,899; Aug. 16.
Device for the control or measurement of the flow of the contents from cartons or containers. A. L. Nelson. 2,127,417; Aug. 16.
Dextrine, Manufacturing. J. E. Clegg and F. C. Hilliard. 2,127,205; Aug. 16.
Die for the production of box blanks. C. A. Moeller. 2,127,131; Aug. 16.
Diesel engine. J. J. Ehrat. 2,127,165; Aug. 16.
Direction maintaining means for use on dirigible craft. G. Z. von Manteuffel. 2,126,935; Aug. 16.
Direction maintaining means for use on dirigible craft. G. Wünsch and G. Z. von Manteuffel. 2,126,855; Aug. 16.
Dishwasher. W. R. Walker. 2,127,017; Aug. 16.
Dispenser: *See*—
Powder dispenser.
Dispersing method. G. E. Grindrod. 2,127,026; Aug. 16.
Display device. V. T. Bugge. 2,126,729; Aug. 16.
Display device, Pocket type. L. P. Neher. 2,127,342; Aug. 16.
Door: *See*—
Overhead door.
Door check construction, Automatic. F. O. De Millar. 2,127,327; Aug. 16.
Dough brake. W. W. Wagner and C. J. Lane. 2,127,076; Aug. 16.
Draft controller, Automatic. G. J. Irsch and W. B. Stephenson. 2,126,994; Aug. 16.
Draft regulator. T. J. Colihan. 2,127,288; Aug. 16.
Drain, Floor. W. M. Fraters. 2,127,167; Aug. 16.
Drawer, Slidable. H. W. Clark. 2,127,158; Aug. 16.
Drier for hair and skin. J. E. Kelley. 2,127,121; Aug. 16.
Drift recording apparatus. J. W. Culbertson. 2,126,740; Aug. 16.
Drilling, punching, and mortising machine. H. J. Kaiser. 2,127,260; Aug. 16.
Drive, Independent dual wheel. J. F. Higbee. 2,126,960; Aug. 16.
Driving means for adjustable apparatus. G. B. Engelhardt. 2,127,109; Aug. 16.
Drying. Method and apparatus for. F. S. Smith. 2,127,474; Aug. 16.
Dumping apparatus, Semitrailer. L. J. McMillin. 2,126,796; Aug. 16.

Dust spraying device. W. H. Rose. 2,126,924; Aug. 16.
Dusting apparatus. R. J. Streif and M. S. Robertson. 2,127,275; Aug. 16.
Dyes, Orange disazo. M. L. Crossley and L. M. Shafer. 2,127,478; Aug. 16.
Dyes, Production of metallo polyazo. W. Lange. 2,127,470; Aug. 16.
Dyestuffs and preparing them, Carbocyanine. P. Wolff and A. Sieglitz. 2,126,852; Aug. 16.
Dyestuffs and their production, Azo. A. Thurm. 2,126,841; Aug. 16.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. F. Müller, W. Schumacher and O. Scherer. 2,127,471; Aug. 16.
Electric cable. W. F. Lamela. 2,127,122; Aug. 16.
Electric connecter. J. Sacco. 2,127,473; Aug. 16.
Electric controlling apparatus. F. G. Logan. 2,126,790; Aug. 16.
Electric heater. E. W. Phillips. 2,126,918; Aug. 16.
Electric lamp. C. J. Le Bel. 2,126,787; Aug. 16.
Electric motor. H. J. Findley. 2,127,166; Aug. 16.
Electric signal switch. T. J. Converse. 2,126,871; Aug. 16.
Electrical control system. F. L. Moseley. 2,126,910; Aug. 16.
Electrical flashing device. H. E. Nichols and R. C. Scott. 2,127,005; Aug. 16.
Electrical reproducing device. C. P. Mitchell. 2,127,448; Aug. 16.
Electrical timing arrangement. W. M. Knott. 2,126,895; Aug. 16.
Electroacoustical apparatus. F. Massa. 2,127,227; Aug. 16.
Electromagnetic wave signaling system. E. D. Tillyer. 2,127,015; Aug. 16.
Electromechanical display apparatus. G. Thornton-Norris. 2,127,316; Aug. 16.
Embossing, perforating, and rewinding machine. P. J. Christman. 2,127,246; Aug. 16.
Enamel, Manufacture of. W. Heimberger. 2,127,116; Aug. 16.
Engine: *See*—
Compressor or other engine. Internal combustion engine.
Diesel engine.
Engine accessory drive. R. Chilton. 2,127,460; Aug. 16.
Engine head, Internal combustion. E. A. Winfield. 2,126,939; Aug. 16.
Engine transmission, Motorcycle. M. W. Anthony. 2,127,384; Aug. 16.
Engraving apparatus. E. J. Cook. 2,127,160–1; Aug. 16.
Escalator. P. Dennerlein. 2,127,144; Aug. 16.
Esters, and their derivatives or homologues or mixtures of these substances, Polymerization of vinyl. H. Plauson. 2,127,135; Aug. 16.
Esters of dithiocarbamic acids. E. W. Bousquet. 2,127,375; Aug. 16.
Esters, Producing coeroxenol. T. A. Cassidy. 2,127,107; Aug. 16.
Excavating machine, Roadway. J. J. Low. 2,126,791; Aug. 16.
Expansion joint, Air-cooled steam pipe. F. J. Topping. 2,127,073; Aug. 16.
Explosive, Primary detonating. L. R. Carl. 2,127,106; Aug. 16.
Extractor feeder. H. Roberts, Jr. 2,127,423; Aug. 16.
Fabric: *See*—
Gas-retaining fabric.
Fabric and in the method of producing same, Knitted. W. Reynolds and F. Bonser. 2,127,139; Aug. 16.
Fabric and making same. G. Schneider. 2,126,820; Aug. 16.
Fabric and making same. G. Schneider. 2,126,822; Aug. 16.
Fabric and making same, Composite. C. Dreyfus. 2,126,753; Aug. 16.
Fabric and making same, Composite. C. Dreyfus. 2,126,756; Aug. 16.
Fabric and making same, Composite. C. Dreyfus. 2,126,759; Aug. 16.
Fabric and making same, Composite. G. Schneider. 2,126,821; Aug. 16.
Fabric and making same, Composite. G. Schneider. 2,126,824; Aug. 16.
Fabric and making same, Composite. A. B. Snowdown and H. R. Bodell. 2,126,830; Aug. 16.
Fabric and making the same, Composite. C. Dreyfus. 2,126,758; Aug. 16.
Fabric and making the same, Wire. R. J. Guba. 2,127,358; Aug. 16.
Fabric and preparing same. C. Dreyfus and G. Schneider. 2,126,754; Aug. 16.
Fabric, Making a composite. C. Dreyfus. 2,126,755; Aug. 16.
Fabric, Making a stiffened. G. Schneider. 2,126,823; Aug. 16.
Fabrics, Treatment of. C. A. Alt. 2,127,320; Aug. 16.
Facsimile transmitting systems, Apparatus for use in. O. Fulton. 2,127,331; Aug. 16.
Fairing, Readily detachable. I. M. Laddon. 2,126,785; Aug. 16.
Fastener: *See*—
Button fastener. Sash fastener.
Fastener and installation thereof, Grille. G. A. Tinnerman. 2,127,072; Aug. 16.
Faucet for beer or the like, Flow control. D. G. Griswold. 2,126,991; Aug. 16.
Feeder: *See*—
Extractor feeder. Stock feeder.
Feeder and the like for electric currents of high frequency. W. S. Percival and E. L. C. White. 2,127,088; Aug. 16.
Fender beam for automobiles, Lateral. L. Weiselberg. 2,127,440; Aug. 16.
File holder construction. J. J. Kroecker. 2,127,176; Aug. 16.
Films, Package of dental X-ray. W. O. McHugh. 2,127,365; Aug. 16.
Filter. L. W. Williams and G. A. Arnold. 2,126,938; Aug. 16.
Fire extinguisher. P. Evans. 2,127,395; Aug. 16.
Firearm. G. S. Lewis. 2,126,788; Aug. 16.
Firearm, Slide-action. W. C. Roemer. 2,126,816; Aug. 16.
Fixture, Electric. I. Litner. 2,127,124; Aug. 16.
Flange, Demountable wall. H. J. Moineau. 2,127,230; Aug. 16.
Flour and shortening mixer. A. H. Jensen. 2,126,890; Aug. 16.
Flower holder. F. J. Gerbermann. 2,126,766; Aug. 16.
Fluorides from water, Removing. W. H. MacIntire. 2,126,793; Aug. 16.
Foam controlling composition. M. T. Flaxman. 2,127,491; Aug. 16.
Folder for containers. R. R. Brown. 2,127,081; Aug. 16.
Font distinguisher, Matrix. H. R. Freund. 2,127,467; Aug. 16.
Food product and process of making. E. L. Cocke. 2,126,947; Aug. 16.
Food products containing milk sugar, Manufacture of stable powdered. D. D. Peebles. 2,126,807; Aug. 16.
Foodstuffs, Packing. W. A. Hermanson. 2,127,029; Aug. 16.
Form, Adjustable clothing. B. Oestricher. 2,127,368; Aug. 16.
Fractionation. E. F. Nelson. 2,127,004; Aug. 16.
Frame: *See*—
Tractor frame.
Frame for pictures, photographs, placards, or the like. H. Zwicker. 2,127,078; Aug. 16.
Freight, Apparatus for transferring. B. F. Fitch. 2,127,481; Aug. 16.
Freight handling vehicle. B. F. Fitch. 2,127,482; Aug. 16.
Freight transferring apparatus. B. F. Fitch. 2,127,058; Aug. 16.
Froth-producing apparatus. C.-O. Thernell. 2,127,191; Aug. 16.
Fruits, Preserving fresh. J. N. Guha. 2,126,958; Aug. 16.
Fuel burner, Liquid. E. L. Woolley. 2,126,853; Aug. 16.
Fuel distributor, Sectional. W. T. Capps. 2,127,459; Aug. 16.
Fuel feed for stokers and the like. R. E. Young. 2,127,018; Aug. 16.
Fuel injection pump. T. V. Buckwalter. 2,126,985; Aug. 16.
Fuel injection pump. H. C. Edwards. 2,127,211; Aug. 16.
Fuel injection system. C. R. Alden. 2,126,709; Aug. 16.
Fuel pulverizer and feeder. F. Hogg. 2,126,776; Aug. 16.
Furnace and the operation thereof. A. J. Boynton. 2,126,724; Aug. 16.
Furnace arch and refractory block therefor. L. S. Longenecker. 2,126,901; Aug. 16.
Furnace burner. L. Hermitte. 2,127,172; Aug. 16.
Furnace structure, Warm air. O. J. Kuenhold. 2,127,177; Aug. 16.
Furniture, Foldable. C. W. Freeman. 2,127,398; Aug. 16.
Galvanometer, Permanent magnet. M. W. Scheldorf. 2,127,427; Aug. 16.
Game. P. Faber. 2,127,396; Aug. 16.
Game apparatus. F. T. Czajkowski. 2,126,873; Aug. 16.
Game apparatus. E. Kramer, P. Shields, and M. Gitelson. 2,127,261; Aug. 16.
Game apparatus. M. M. Sky. 2,127,433; Aug. 16.
Garment. C. P. Mele. 2,127,366; Aug. 16.
Garment hanger. A. H. Hall. 2,127,333; Aug. 16.
Gasket. G. T. Balfe. 2,126,716; Aug. 16.
Gasket, Coated all-metal. J. H. and B. J. Victor. 2,127,372; Aug. 16.
Gas-retaining fabric. T. P. Sager and D. F. Houston. 2,126,818; Aug. 16.
Gauge rod. A. A. Morrell. 2,127,042; Aug. 16.
Gear: *See*—
Reduction gear. Valve gear.
Generator: *See*—
Acetylene generator.
Glass articles, Forming hollow. W. P. Zimmerman and M. K. Holmes. 2,127,150; Aug. 16.
Glove and making the same. V. H. Bodle. 2,126,723; Aug. 16.
Goggle set. W. L. Bigelow. 2,126,697; Aug. 16.
Gold and other metals, Recovery process for. J. A. Miner. 2,126,798; Aug. 16.
Golf ball teeing device. C. C. Beckett. 2,127,282; Aug. 16.

Governor for fire-pump apparatus. B. D. Barton. 2,126,863; Aug. 16.
Graphing appliance. O. A. Schlernbeck. 2,126,927; Aug. 16.
Graveling device for spraying of gravel in front of the wheels of an automobile. A. E. G. Berner. 2,126,865; Aug. 16.
Grid used in machines for opening, cleaning, carding, and like treatment of textile fibers. P. Schwarze and R. Setzer. 2,127,049; Aug. 16.
Grinder. F. J. Gammache. 2,126,879; Aug. 16.
Grinding and lapping machine. H. W. Dunbar. 2,127,210; Aug. 16.
Grinding, Apparatus for. C. H. Schmalz. 2,127,071; Aug. 16.
Guard for inhalers, Sanitary. A. I. Pobirs. 2,127,136; Aug. 16.
Guard for motorcycles and similar two-wheeled vehicles, Bracing. H. A. Devine and F. M. Molitor. 2,126,752; Aug. 16.
Guard, Pouring. W. A. and E. J. Turner. 2,127,277; Aug. 16.
Guard, Thumb. H. S. Paul. 2,127,421; Aug. 16.
Guards, Making mower. S. C. Powell. 2,127,048; Aug. 16.
Guide for printing presses, Side. W. Gegenheimer. 2,127,292; Aug. 16.
Gun. C. A. Young. 2,127,318; Aug. 16.
Gun rib and sight, Adjustable. E. L. Hunt. 2,127,174; Aug. 16.
Gun sight. E. L. Hunt. 2,127,173; Aug. 16.
Gun, Spray. A. F. Jenkins. 2,126,889; Aug. 16.
Gun, Spray. A. Scullari and G. Loccisano. 2,127,189; Aug. 16.
Hammer, Mechanical. B. W. Snodgrass. 2,126,829; Aug. 16.
Handbag. A. Landis. 2,126,898; Aug. 16.
Handle: *See*—
Tool handle. Utensil handle.
Handling implement for plate glass and the like. G. W. Burk. 2,127,154; Aug. 16.
Hanger: *See*—
Garment hanger.
Head for collapsible tubes and the like, Dispensing. C. S. Mann. 2,127,040; Aug. 16.
Hearing device, Bone conduction. E. H. Greibach. 2,127,468; Aug. 16.
Heat, Apparatus for transferring. V. Bush. 2,127,286; Aug. 16.
Heat exchange device, Fluid. H. W. Beecher. 2,126,721; Aug. 16.
Heat sealing device. S. Moore. 2,127,183; Aug. 16.
Heater: *See*—
Electric heater.
Heater. A. H. Bates. 2,126,696; Aug. 16.
Heating pad. E. C. Chancey. 2,126,734; Aug. 16.
Heels, Manufacturing shoe. H. W. Darragh. 2,127,208; Aug. 16.
Hemp breaking machine. C. Christiansen and G. O. K. Rilsch. 2,127,157; Aug. 16.
Hides and pelts with the aid of iron compounds, Tanning. E. Immendoerfer, H. Loewe, and H. Muench. 2,127,297; Aug. 16.
High frequency part. H. Vogt. 2,127,241; Aug. 16.
High temperature saturating or coating apparatus. H. A. Cumfer. 2,126,872; Aug. 16.
Hinge. H. J. Chapoton. 2,127,156; Aug. 16.
Hobbing machine. O. E. Staples. 2,127,273; Aug. 16.
Hogshead and using same. E. L. Snow and E. L. Barkley, Jr. 2,127,435; Aug. 16.
Holder: *See*—
Cover holder. Flower holder.
Curtain holder. Jar holder.
Holder and tool. Tool. H. Morris. 2,127,231; Aug. 16.
Honing device. H. Corrall and B. A. Stevens. 2,127,289; Aug. 16.
Horse-collar pad. A. Wesley. 2,127,242; Aug. 16.
Hose coupling. W. L. McGrath. 2,127,086; Aug. 16.
Hydrocarbons, Dehydrogenation of. R. Rosen. 2,126,817; Aug. 16.
Hydrocarbons from carbon monoxide and hydrogen, Producing. F. Martin, O. Roelen, and W. Feisst. 2,127,127; Aug. 16.
Hydrocarbons, Treatment of. J. C. Morrell. 2,127,001; Aug. 16.
Hydrodynamic brake. R. G. De La Mater. 2,126,751; Aug. 16.
Hydrogen chloride, Production of. S. G. Osborne. 2,126,803; Aug. 16.
Hydrometer. S. S. McClure. 2,127,065; Aug. 16.
Ice blocks, Making dry. J. Kobold. 2,127,300; Aug. 16.
Ice cuber. W. J. La Casse. 2,127,262; Aug. 16.
Illuminated globe mounting. R. R. Dupler. 2,127,249; Aug. 16.
Illusion producing device. W. I. Le Fevre. 2,127,412; Aug. 16.
Impact element actuating means. B. W. Snodgrass. 2,126,828; Aug. 16.
Incandescent lamp. C. J. Martin. 2,127,226; Aug. 16.
Incinerator, Traveling. F. J. Egan. 2,127,328; Aug. 16.
Indicator mechanism. A. C. Grunwald. 2,127,356; Aug. 16.
Infant trainer. C. G. Carlson. 2,127,020; Aug. 16.
Ink motion. H. A. W. Wood. 2,127,455; Aug. 16.
Inking apparatus and method of supplying ink to dielectric body. A. L. Pugh, Jr. 2,126,810; Aug. 16.
Ink-marking and perforating machine, Combined. A. W. Altvater. 2,126,861; Aug. 16.
Insecticide. L. E. Smith. 2,127,090; Aug. 16.
Insecticide and fungicide. F. E. Dearborn. 2,127,380; Aug. 16.
Instrument for testing or utilizing very high voltages. G. Keinath and L. Merz. 2,127,364; Aug. 16.
Insulated structure. L. E. Gaenzle. 2,127,111; Aug. 16.
Internal combustion engine. F. A. Volles. 2,127,016; Aug. 16.
Internal combustion engine, Rotary. H. McIntyre. 2,126,795; Aug. 16.
Internal combustion engine, Two-stroke. W. Grab. 2,127,114; Aug. 16.
Ions Producing large. R. J. McRae. 2,127,229; Aug. 16.
Iron compound of nitroso-beta-naphthol, Making an. E. R. Allen and G. Lutz. 2,127,374; Aug. 16.
Iron, Treating lumped. F. Johannsen and W. Völkel. 2,127,299; Aug. 16.
Jack: *See*—
Lubricator shaking jack. Pump jack.
Jack mechanism, Automobile. F. F. Peters and C. A. Stenger. 2,126,972; Aug. 16.
Jar holder. A. J. Krieka. 2,127,301; Aug. 16.
Jewelry. J. Mobel. 2,126,968; Aug. 16.
Joint: *See*—
Expansion joint. Roof joint.
Joint for rotary shafts, Sealed. J. G. Aldinger. 2,127,151; Aug. 16.
Knitting machine. R. H. Lawson. 2,127,178; Aug. 16.
Knitting machine. V. Lombardi. 2,127,224; Aug. 16.
Knitting machine. M. C. Miller. 2,126,797; Aug. 16.
Ladder. O. M. Kirlin. 2,127,035; Aug. 16.
Lamp: *See*—
Electric lamp. Incandescent lamp.
Lantern base support and lamp socket. W. M. Moxley. 2,127,133; Aug. 16.
Latex and product thereof, Treating. D. Spence. 2,126,831; Aug. 16.
Leaf machinery. J. Gough. 2,127,113; Aug. 16.
Leaf spring. D. R. M. Yates. 2,127,077; Aug. 16.
Leather, Drying. J. R. Akers. 2,126,712; Aug. 16.
Level. A. Langsner. 2,127,302; Aug. 16.
Lifter: *See*—
Pan lifter.
Lighter, Cigar. P. E. Ashton. 2,126,710; Aug. 16.
Lipstick container. A. L. Davis and S. T. Morrison. 2,127,350; Aug. 16.
Liquid diffusing device, Portable. P. J. F. Batenburg. 2,126,718; Aug. 16.
Liquid dispensing means. S. W. Burnham. 2,126,731; Aug. 16.
Liquid dispensing means. A. Weiss. 2,126,847–8; Aug. 16.
Liquid homogenizing apparatus. J. H. Gardner and L. C. Plastridge. 2,127,291; Aug. 16.
Liquids, Simultaneously evaporating and distilling. G. T. Reich. 2,127,138; Aug. 16.
Lock: *See*—
Dental bridge lock. Permutation lock.
Lock bracket. W. H. Zimballst. 2,127,280; Aug. 16.
Looms, Electric filling feeler mechanism for. K. V. McCaleb and P. Starnirl. 2,127,182; Aug. 16.
Loss prevention device. G. B. Shively. 2,126,826; Aug. 16.
Lubrication equipment and venting the same. D. R. McNeal. 2,127,129; Aug. 16.
Lubricator shaking jack. H. J. Willoughby. 2,127,279; Aug. 16.
Machine for assembling counters and uppers. B. Jorgensen. 2,126,781; Aug. 16.
Machine for making spring mattresses and the like. P. Sappington. 2,126,979; Aug. 16.
Machine for making window envelopes. E. G. Overly. 2,126,804; Aug. 16.
Machine for rotating screws. A. J. Cocozella and A. Cocozella, Jr. 2,126,735; Aug. 16.
Machine for shaping helicoidal surfaces. E. W. Miller. 2,126,907; Aug. 16.
Magnesium alloy. E. F. Fischer. 2,127,253–4; Aug. 16.
Magnesium and alloys rich in magnesium, Melting and casting. L. Lasch and G. Schichtel. 2,126,786; Aug. 16.
Manifold for internal combustion engines, Inlet. J. A. H. Barkelj. 2,127,079; Aug. 16.
Marker for pavements or the like, Traffic. C. Older. 2,127,233; Aug. 16.
Marker, Outdoor weatherproof. D. E. Haslam. 2,127,170; Aug. 16.
Marker, Road. W. J. La Croix. 2,127,037; Aug. 16.
Marking tool, Plaster design. E. G. Meuwsen. 2,127,130; Aug. 16.
Masks, Manufacture of. G. F. A. Cesar. 2,127,054; Aug. 16.
Material, Apparatus for firing ceramic. P. Gatzke. 2,126,881; Aug. 16.
Material, Textile finishing. E. W. Wall. 2,126,936; Aug. 16.
Material transporting means. F. Ditchfield. 2,126,950; Aug. 16.
Matter, Composition of. M. R. Isaacs. 2,127,298; Aug. 16.
Mechanism for dividing and coalescing images. W. H. Snyder. 2,126,930; Aug. 16.
Mechanism for lifting jacks, Operating. G. E. Tintera and W. E. Gahl. 2,126,843; Aug. 16.

Metal and product thereof, Applying bonding coating to. L. P. Curtin. 2,127,207; Aug. 16.
Metal, Apparatus for casting. F. W. and V. Harbord. 2,127,407; Aug. 16.
Metal, Apparatus for casting. A. J. Phillips. 2,126,808; Aug. 16.
Metal cleaning and pickling. J. V. Vaughen. 2,127,147; Aug. 16.
Metal, Coating L. P. Curtin. 2,127,206; Aug. 16.
Metal strip, Degreasing. S. B. Spencer and J. C. Dutton. 2,127,437; Aug. 16.
Metals from ores, Recovery of. H. Seliger. 2,126,825; Aug. 16.
Meter: *See*—
  Photoelectric glass meter. Water meter.
Meter box. G. Forni. 2,126,700; Aug. 16.
Milk bottle receptacle, Theftproof. C. D. Eggebrecht. 2,127,022; Aug. 16.
Mining machine. D. R. McCullough. 2,127,066; Aug. 16.
Mixer: *See*—
  Flour and shortening mixer.
Mixing apparatus for fluids, Temperature regulating. A. Costa de Beauregard. 2,127,162; Aug. 16.
Moistening device. J. M. Heuer. 2,126,959; Aug. 16.
Mold. D. J. Campbell. 2,127,204; Aug. 16.
Molding machine. E. A. Corbin, Jr. 2,126,738; Aug. 16.
Monogram to a base material, Adhering a. C. Dreyfus. 2,126,757; Aug. 16.
Mop wringing device. E. Pavek. 2,127,045; Aug. 16.
Motion producing apparatus, Vibratory. W. T. Welch. 2,127,317; Aug. 16.
Motor: *See*—
  Ball bearing motor. Electric motor.
  Illuminated globe mounting. Motor mounting.
  Sheave-block mounting.
Mounting for vehicles, Fifth wheel. W. C. Sowle. 2,127,313; Aug. 16.
Mowing machine. A. S. Cambridge. 2,127,053; Aug. 16.
Neckwear. A. J. Steinberger. 2,126,836; Aug. 16.
Needle valve, Straight line. J. R. Yancey. 2,126,856; Aug. 16.
Net, Minnow. C. Haggstrom. 2,127,332; Aug. 16.
Newspaper counting apparatus. C. E. Lyons. 2,126,967; Aug. 16.
Nozzle closure means for containers. A. H. Church. 2,127,390; Aug. 16.
Nozzle closure means for containers. A. H. Church. 2,127,465; Aug. 16.
Nozzle closure means for containers and washers for use therein. K. J. Rolle. 2,127,424; Aug. 16.
Nozzle closure means for containers, bottles, tubes, cans, and the like. E. C. Church. 2,127,389; Aug. 16.
Nozzle, Mist-producing. J. C. Schellin, E. J. Housekeeper, and E. R. Hamilton. 2,127,188; Aug. 16.
Nozzle, Spray gun. A. F. Jenkins. 2,126,888; Aug. 16.
Nut, Lock. D. Bratt. 2,127,153; Aug. 16.
Oil cooling system. J. Toth, Jr. 2,127,192; Aug. 16.
Oil, Horticultural spray. F. F. Lindstaedt. 2,127,039; Aug. 16.
Oil, Solvent refining of hydrocarbon. L. A. Clarke. 2,127,325; Aug. 16.
Oil stock, Acid treatment of petroleum white. N. Brewer. 2,126,867; Aug. 16.
Oils and the like, Composition and process for demulsifying cut. H. J. Robertson. 2,127,141; Aug. 16.
Oils and the like, Demulsifying cut. H. J. Robertson. 2,127,140; Aug. 16.
Oils, Conversion of hydrocarbon. A. Engelstein. 2,126,988–9; Aug. 16.
Oils, Conversion of hydrocarbon. R. Pyzel. 2,127,009; Aug. 16.
Oils, Conversion of hydrocarbon. J. D. Seguy. 2,127,011; Aug. 16.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,127,013; Aug. 16.
Oils, Conversion of hydrocarbon. K. Swartwood and C. H. Angell. 2,127,014; Aug. 16.
Olefines, Hydration of. H. Dreyfus. 2,126,952; Aug. 16.
Opener and mug handle, Combination can. J. L. Wilkinson. 2,127,452; Aug. 16.
Opener, Can. M. J. Zimmer. 2,127,373; Aug. 16.
Ores, Improving chrome. M. J. Udy. 2,127,074; Aug. 16.
Osteopathic machine. E. R. Monroe. 2,127,132; Aug. 16.
Overhead door. J. B. Caldwell. 2,127,155; Aug. 16.
Packages of viscous materials, Apparatus for emptying flexible walled. E. Piquerez. 2,126,973; Aug. 16.
Packing machine. C. L. Doney. 2,127,393; Aug. 16.
Packing machine, Endless conveyer type. C. L. Doney. 2,127,394; Aug. 16.
Pad: *See*—
  Heating pad. Horse-collar pad.
Pad for use in conjunction with horseshoes, Resilient. F. J. Marsh. 2,126,904; Aug. 16.
Pan lifter. R. H. Lehew. 2,127,038; Aug. 16.
Panel cabinet. R. H. Kingdon. 2,126,995; Aug. 16.
Paper cutting machine. F. W. Seybold. 2,127,432; Aug. 16.
Paper products, Making. F. W. Robinson. 2,126,992; Aug. 16.
Partition for stock cars, Adjustable portable. R. F. Truscott. 2,127,194; Aug. 16.
Paving unit. H. Dewhirst. 2,126,948; Aug. 16.
Pectin and the like, Method and apparatus for dispersing. G. W. Mullen. 2,126,911; Aug. 16.
Pedal, Accelerator. R. A. Boersma. 2,127,200; Aug. 16.
Pen, Fountain. H. Baron. 2,127,385; Aug. 16.
Permutation lock. C. H. Schamp and D. J. Foote. 2,127,089; Aug. 16.
Permutation lock. H. E. Soref and J. K. Marshall. 2,127,091; Aug. 16.
Petroleum emulsions, Breaking. J. G. Suthard. 2,126,839; Aug. 16.
Phase modulation. M. G. Crosby. 2,127,486; Aug. 16.
Photoelectric glass meter. L. A. Carpenter and E. J. Schreiner. 2,127,477; Aug. 16.
Photographic emulsion containing supersensitized thiazolocarbocyanines. C. E. K. Mees. 2,127,340; Aug. 16.
Pigments in oil and making the same. L. W. Ryan and E. K. Fischer. 2,126,925; Aug. 16.
Pile material, Crocheted. A. R. Timer. 2,126,842; Aug. 16.
Pin: *See*—
  Upholstery pin.
Pinch-cock. C. S. Hornberger. 2,127,257; Aug. 16.
Pipe clamp, Broken. H. M. Adams. 2,127,456; Aug. 16.
Pipe coupling. W. S. Board. 2,127,284; Aug. 16.
Pipe coupling. J. R. Yancey. 2,126,857; Aug. 16.
Pipe lines from electrolysis, Apparatus for protecting. S. Thayer. 2,127,315; Aug. 16.
Piston expander. A. W. Gray. 2,127,169; Aug. 16.
Piston for internal combustion engines, Adjustable. J. Hlasney, Jr. 2,127,361; Aug. 16.
Piston ring. M. G. Kurth. 2,127,036; Aug. 16.
Plasticizers. C. F. Gibbs. 2,127,400; Aug. 16.
Plating machines, Reversing movement for. A. H. Hannon. 2,127,406; Aug. 16.
Plow, Cultivator. R. Tinker. 2,127,347; Aug. 16.
Portemonnaie construction. F. R. Moss. 2,127,067; Aug. 16.
Positional control system. F. S. Hodgman and J. L. Bird. 2,126,887; Aug. 16.
Positional remote control, Pneumatic. T. W. Kenyon. 2,126,892; Aug. 16.
Powder dispenser. E. L. Sovad and A. W. Schneuer. 2,127,092; Aug. 16.
Powders, Apparatus for treating finely divided. H. W. Price. 2,127,137; Aug. 16.
Power driving mechanism. J. G. Tyken. 2,127,348; Aug. 16.
Power operated mechanism. W. M. Gilman. 2,127,293; Aug. 16.
Power tool. V. Vorhies. 2,127,378; Aug. 16.
Power transmission. O. E. Fishburn, H. F. Patterson, and R. C. Aland. 2,127,353–4; Aug. 16.
Power transmission mechanism for operating brakes. H. E. Hodgson. 2,127,335; Aug. 16.
Power unit, Internal combustion. L. J. Koch. 2,127,222; Aug. 16.
Precipitates and separating same from liquids, Apparatus for conditioning. C. H. Spaulding. 2,127,314; Aug. 16.
Precision bearing. D. E. Worley. 2,127,196; Aug. 16.
Press: *See*—
  Rotary printing press.
Printing machine, Rotary intaglio. A. J. Horton. 2,126,778; Aug. 16.
Prints, particularly copper prints, Device for drying. F. von Heinrich. 2,127,217; Aug. 16.
Products of fermentation, Recovery of. G. T. Reich. 2,126,574; Aug. 16.
Projector, Rotary. A. B. Steuart. 2,127,274; Aug. 16.
Projector, Talking motion picture. E. Ross. 2,127,143; Aug. 16.
Propeller blade. G. T. Lampton. 2,127,264; Aug. 16.
Propeller, Variable pitch. L. E. Reid. 2,126,813; Aug. 16.
Protective device for automobile motors, Water. W. Schenk. 2,127,271; Aug. 16.
Protector and support, Garment. C. R. Ford. 2,127,024; Aug. 16.
Pump: *See*—
  Deep-well pump. Fuel injection pump.
Pump and method of balancing hydrostatic load, Variable displacement. E. K. Benedek. 2,126,722; Aug. 16.
Pump jack. J. E. Hall. 2,126,992; Aug. 16.
Pumping apparatus. E. F. Gardner. 2,126,880; Aug. 16.
Putlog. R. A. Uecker, I. G. Rambo, and D. E. Beatty. 2,126,844; Aug. 16.
Quick acting clamp. A. G. Gibbons. 2,126,767; Aug. 16.
Radiator core structure. T. N. Coffelder. 2,126,736; Aug. 16.
Radio receiver. E. F. Andrews. 2,127,488; Aug. 16.
Rail chair or base plate. R. W. MacBride. 2,127,447; Aug. 16.
Rail fastening. R. T. Scholes. 2,127,430; Aug. 16.
Rails, Manufacture of railway and tramway. I. C. Mackie. 2,127,303; Aug. 16.
Railway car. B. F. Fitch. 2,126,764; Aug. 16.
Railway container. F. Ditchfield. 2,126,949; Aug. 16.
Rake, Self-cleaning. D. L. Beall. 2,126,719; Aug. 16.
Rake, Sweep. O. A. Clark. 2,127,441; Aug. 16.
Rake, Tractor sweep. H. E. Hall. 2,127,405; Aug. 16.
Range boiler. W. R. Robinson. 2,127,269; Aug. 16.
Razor and hair cutter, Combined safety. J. Ritter. 2,127,369; Aug. 16.

Razor, Automatically adjusting. C. L. Buell. 2,126,728; Aug. 16.
Razor, Eyebrow. C. F. Sampson. 2,127,010; Aug. 16.
Reaction products of a primary alcohol and a tertiary aralkyl amine sulphuric acid salt. H. A. Bruson and O. Stein. 2,127,103; Aug. 16.
Reactor. J. G. Sola. 2,127,237; Aug. 16.
Reamer. R. W. Andreasson. 2,127,457; Aug. 16.
Receptacle: *See*—
  Milk bottle receptacle.
Rectifier sealing. P. B. Freeman. 2,126,765; Aug. 16.
Reduction gear. R. Chilton. 2,127,463; Aug. 16.
Reduction gear, Planetary. R. Chilton. 2,127,464; Aug. 16.
Reflector. R. H. Osbrink. 2,126,971; Aug. 16.
Refrigerating apparatus. G. F. Zellhoefer. 2,127,101; Aug. 16.
Refrigeration machine. E. Sander. 2,126,978; Aug. 16.
Refrigerator. N. Bel Geddes. 2,127,212; Aug. 16.
Refrigerator cold saver. G. Adams. 2,127,379; Aug. 16.
Registering device. M. M. Hennessy. 2,127,295; Aug. 16.
Regulator: *See*—
  Draft regulator. Temperature regulator.
Relay. M. R. Miller. 2,127,341; Aug. 16.
Resinous compositions. W. R. Marshall. 2,126,794; Aug. 16.
Resinous material and product, Preparing. G. L. Dorough. 2,127,248; Aug. 16.
Resins, Manufacture of synthetic. W. Heyn. 2,126,773; Aug. 16.
Retort for vaporizing liquid fuel. J. W. Nelson. 2,127,267; Aug. 16.
Reversing mechanism. R. E. Annerén and B. Carlström. 2,127,102; Aug. 16.
Reversing switch, Remote controlled electrical. W. Lohsse. 2,127,414; Aug. 16.
Rheostat. K. Howe. 2,127,083; Aug. 16.
Ring: *See*—
  Piston ring.
Ring and making same, Clamping. W. Lockhart. 2,126,966; Aug. 16.
Riveting machine. J. Gualtiere. 2,127,357; Aug. 16.
Rock wool preparations, Making. W. E. Carson. 2,127,287; Aug. 16.
Rod: *See*—
  Gauge rod.
Roller, Road. C. A. Owens, F. L. White, and E. I. Beicher. 2,127,485; Aug. 16.
Roller screen. L. F. Julien. 2,126,782; Aug. 16.
Roof joint, Metal. E. S. Copeland. 2,127,392; Aug. 16.
Rosin, Packaging. C. C. Gillican. 2,127,401–2; Aug. 16.
Rotary printing press. F. A. Foster. 2,126,877; Aug. 16.
Rotor, Aircraft sustaining. H. S. Campbell. 2,127,105; Aug. 16.
Roving machine. W. Knowles. 2,127,410; Aug. 16.
Rubber and metal spring. F. Schmidt. 2,126,707; Aug. 16.
Rubber spring, Torsional. F. Schmidt. 2,126,708; Aug. 16.
Rule, Collable measuring. A. S. Duncan and A. L. Stowell. 2,127,443; Aug. 16.
Rust inhibiting composition. C. L. Boyle. 2,127,202; Aug. 16.
Saddle for coaster wagon boxes, Adjustable. J. B. Eck. 2,126,698; Aug. 16.
Sadiron. E. K. Jamieson. 2,126,702; Aug. 16.
Sadiron construction. H. Smith. 2,127,050; Aug. 16.
Safety device for automobiles. D. W. Burt. 2,126,946; Aug. 16.
Safety device for hydraulic brake systems. S. C. George and J. J. Weber. 2,127,399; Aug. 16.
Safety device for use by drivers of motor cars and the like. L. C. Galli. 2,126,878; Aug. 16.
Sample box. L. A. Holmes. 2,127,296; Aug. 16.
Sash fastener. F. N. Hearn. 2,127,061; Aug. 16.
Saw tooth. W. E. Gibbs. 2,127,112; Aug. 16.
Scaffold. D. E. Beatty and I. G. Rambo. 2,126,720; Aug. 16.
Scavenging means for internal combustion engines. H. Alfaro. 2,126,860; Aug. 16.
Scissors, Folding. B. J. Florian. 2,126,699; Aug. 16.
Scraper, Carrying. R. G. Le Tourneau. 2,127,223; Aug. 16.
Screen: *See*—
  Roller screen.
Screens, Making sewage. J. Schaaf. 2,127,270; Aug. 16.
Sealing means for segmental gates. L. E. Knerr. 2,126,783; Aug. 16.
Seat construction, Spring. A. W. Steffens. 2,127,093; Aug. 16.
Sedimentation apparatus. H. Hardinge. 2,126,884; Aug. 16.
Selection controlling apparatus for telephone systems. T. L. Dimond. 2,126,875; Aug. 16.
Selector. K. H. Blomberg. 2,127,322; Aug. 16.
Selector system, Multiple. Y. Watanabe. 2,126,846; Aug. 16.
Separator: *See*—
  Automatic separator.
Separator for snap fasteners. J. H. Sanderson. 2,127,346; Aug. 16.
Separator for underfired domestic water heaters. C. H. Morrow. 2,126,969; Aug. 16.
Setting mechanism for predetermining counters. W. F. Berck. 2,127,244; Aug. 16.
Sewing machines, Blind-stitch attachment for. J. F. Arver. 2,126,715; Aug. 16.
Sewing machines, Brake device for. W. L. Barron. 2,127,281; Aug. 16.
Sewing machines, Guard for. M. McCann. 2,127,339; Aug. 16.
Sewing machines, Knee pad for. B. Duchan. 2,127,209; Aug. 16.
Shades, Method and apparatus for making. J. O. Howard. 2,127,119; Aug. 16.
Shaft, Variable action tubular. G. E. Barnhart. 2,126,717; Aug. 16.
Shank stiffener. G. E. Musebeck. 2,126,913; Aug. 16.
Shearing device. D. R. Murphy. 2,127,002; Aug. 16.
Sheave-block mounting. R. G. Le Tourneau. 2,127,084; Aug. 16.
Sheet separator for envelope machines. J. L. Oberender and W. H. Blessing. 2,127,419; Aug. 16.
Shingle, Cement. H. Austhoff. 2,127,199; Aug. 16.
Ship's stern. V. Yourkevitch. 2,127,475; Aug. 16.
Shirt, Man's. R. Osborn. 2,127,420; Aug. 16.
Shock absorber equipment for knitting machines. M. Richter. 2,127,449; Aug. 16.
Shoe. P. G. Flint. 2,127,255; Aug. 16.
Shoe finishing machine. W. H. Nutt. 2,126,802; Aug. 16.
Shoe heel. R. F. Hoflin. 2,127,362; Aug. 16.
Shoe last. G. H. Barge. 2,126,941; Aug. 16.
Signal system for storage tanks. L. F. Phaneuf. 2,127,422; Aug. 16.
Sifter, Flour. C. Andrews and W. Hannon. 2,126,982; Aug. 16.
Signal: *See*—
  Tire defiation signal.
Signaling system with manual override, Vehicle. H. E. Metcalf. 2,126,940; Aug. 16.
Slab, Composite paving. C. W. Leguillon. 2,126,965; Aug. 16.
Slide valve, Rotatable. W. H. Martin. 2,127,265; Aug. 16.
Socket and lamp, Three way. S. Sammut. 2,127,370; Aug. 16.
Socket or capel, Rope. W. L. Hamilton. 2,127,115; Aug. 16.
Soil conditioner. W. L., K. L., and G. E. Morris. 2,126,909; Aug. 16.
Soil conditioning, Apparatus for and process of. N. Imbertson and C. F. Duering. 2,127,175; Aug. 16.
Sound reproducing system. W. B. Snow and J. C. Steinberg. 2,126,929; Aug. 16.
Space discharge amplifier circuit. L. C. Peterson. 2,126,917; Aug. 16.
Spear, Shock dissipating. J. W. Culbertson. 2,126,741; Aug. 16.
Speed control for vehicles, Automatic. G. F. Wolfe and J. I. Spencer. 2,127,454; Aug. 16.
Speed unit, Variable. C. E. Johnson and E. Mendenhall. 2,127,031; Aug. 16.
Spool. H. C. Howsam. 2,126,993; Aug. 16.
Spoon with whistle in handle, Child's. A. Zadek. 2,126,858; Aug. 16.
Sprayer. J. W. Patterson. 2,127,006; Aug. 16.
Spring: *See*—
  Leaf spring. Rubber spring.
  Rubber and metal spring.
Spring. C. F. Hirshfield. 2,127,219; Aug. 16.
Spring unit for vehicles, Leaf. D. M. Davis. 2,127,351; Aug. 16.
Stack dumper. H. Paxton. 2,127,007; Aug. 16.
Stall for race tracks, Portable starting. F. O. Guth. 2,127,213; Aug. 16.
Stanchion. J. B. Clay and W. O. Wille. 2,127,021; Aug. 16.
Starting device for race tracks. S. J. Kelley. 2,127,221; Aug. 16.
Steam boiler. E. G. Bailey and H. J. Kerr. 2,126,862; Aug. 16.
Steering device for trailers. H. W. Drake. 2,127,057; Aug. 16.
Stenciling apparatus. R. G. Martin. 2,127,128; Aug. 16.
Stepladder. R. R. Parkinson and S. E. Weaver. 2,126,805; Aug. 16.
Stock feeder. F. Rebehn and M. R. Iversen. 2,126,926; Aug. 16.
Stoker, Locomotive. J. B. MacKenzie. 2,127,338; Aug. 16.
Stone breaker. C. V. Hallenbeck. 2,127,027; Aug. 16.
Stone slabs, Producing translucent. R. C. Briant and G. W. Bain. 2,126,725; Aug. 16.
Stool, Folding hospital. M. T. Dowdy. 2,127,442; Aug. 16.
Stop equipment for pipe organs, Combination. A. Moorhouse and S. G. Bowman. 2,127,266; Aug. 16.
Storage tank. A. A. Kramer. 2,126,996; Aug. 16.
Stove, Electric. A. O. Samuels. 2,127,425; Aug. 16.
Stove plate with reinforced expansible sectors. A. O. Samuels. 2,127,426; Aug. 16.
Strainer. A. L. Freedlander. 2,127,397; Aug. 16.
Stretcher, Hospital. J. S. Rickard. 2,127,309; Aug. 16.
Strip material, Method and apparatus for coating. C. W. Leguillon. 2,127,413; Aug. 16.
Stripping process. C. H. Hempel. 2,127,469; Aug. 16.
Structural unit and making the same, Composite. H. N. Atwood. 2,126,711; Aug. 16.

Studding, Fireproof. W. G. Hurlbert, Jr. 2,126,962; Aug. 16.
Support: *See*—
Brake beam safety support. Trolley wire support.
Surface treating apparatus. A. O. Engberg. 2,126,761; Aug. 16.
Surgical instrument, Combined. D. I. Solomon. 2,127,190; Aug. 16.
Swaging machine. E. Romanelli. 2,126,923; Aug. 16.
Switch: *See*—
Electric signal switch. Reversing switch.
Tag device. H. M. Sears and S. Rothenberg. 2,126,980; Aug. 16.
Tank: *See*—
Ammunition tank. Storage tank.
Tanks and similar welded structures, Making storage. A. A. Kramer. 2,126,997; Aug. 16.
Tanning. G. Mauthe and H. Noerr. 2,127,304; Aug. 16.
Tanning agents, Manufacture of. P. Müller. 2,127,068; Aug. 16.
Target apparatus. W. A. Tratsch. 2,127,276; Aug. 16.
Tattoo marker. G. A. Holt. 2,126,777; Aug. 16.
Telegraph apparatus, Printing. R. D. Salmon. 2,127,145; Aug. 16.
Teleprinter. R. D. Salmon. 2,127,144; Aug. 16.
Temperature changing system. D. G. Taylor. 2,127,472; Aug. 16.
Temperature regulator. J. V. Giesler and J. E. Dube. 2,127,059; Aug. 16.
Testing and calibrating machine. F. G. Schwelsthal and W. S. Hansen. 2,127,272; Aug. 16.
Testing device. A. B. Spyut. 2,126,932; Aug. 16.
Textile article. A. J. Steinberger. 2,126,835; Aug. 16.
Textile material. A. J. Steinberger. 2,126,834; Aug. 16.
Textile material, Reinforced. A. J. Steinberger. 2,126,833; Aug. 16.
Textile treatment. A. C. Fischer. 2,127,252; Aug. 16.
Thermostat for electric circuits. E. Collins, 3d. 2,127,159; Aug. 16.
Thioindoxyl-anil and making the same. E. Havas. 2,127,483; Aug. 16.
Thioindoxyl derivative and making the same. E. Havas. 2,127,484; Aug. 16.
Thread cleaner. S. Hyslop. 2,126,779; Aug. 16.
Thread cleaning device. S. Hyslop. 2,126,780; Aug. 16.
Thread, Manufacture of rubber. U. Pestalozza. 2,127,070; Aug. 16.
Threads, Production of extensible bundles of artificial. H. van Beek and T. Clapham. 2,127,283; Aug. 16.
Tie plate. H. A. Grosser. 2,127,403; Aug. 16.
Timer. J. L. Barker and H. A. Wilcox. 2,127,080; Aug. 16.
Timing means for X-ray apparatus. E. R. Goldfield. 2,126,957; Aug. 16.
Tire, Air-cooled safety. E. Von Bon Horst. 2,127,052; Aug. 16.
Tire, Composite pneumatic. G. Venosta. 2,127,075; Aug. 16.
Tire deflation signal. M. Riusech. 2,127,187; Aug. 16.
Tire valve. J. Wahl. 2,126,845; Aug. 16.
Titanium, Preparation of compounds of. D. H. Dawson, I. J. Krchma and R. M. McKinney. 2,127,247; Aug. 16.
Tobacco leaves, Apparatus for ripping raw. O. E. Elssmann. 2,127,329; Aug. 16.
Tool: *See*—
Marking tool. Well clean-out tool.
Power tool.
Tool for handling lenses. W. O. Mattern. 2,127,181; Aug. 16.
Tool handle. J. Davis. 2,127,163; Aug. 16.
Tool transmission, Machine. H. W. Falk. 2,127,023; Aug. 16.
Toy vehicle. G. Davis. 2,127,056; Aug. 16.
Track circuit apparatus, Railway. F. H. Nicholson. 2,127,134; Aug. 16.
Traction device for automobiles. R. Hodgkinson. 2,126,961; Aug. 16.
Tractor and trailer construction. A. E. Schawlem. 2,126,819; Aug. 16.
Tractor, Crawler. E. A. Johnston. 2,127,033; Aug. 16.
Tractor frame. E. A. Johnston, D. B. Baker and C. R. Rogers. 2,127,032; Aug. 16.
Trailer suspension. A. H. Niemann. 2,127,069; Aug. 16.
Transfer system for freight containers. B. F. Fitch. 2,127,480; Aug. 16.
Transformer. S. Hirsch. 2,127,218; Aug. 16.
Transformer, Rectifier. L. C. Nichols. 2,127,232; Aug. 16.
Transmission. R. K. Haskell. 2,126,772; Aug. 16.
Transmission bands, Making elastic rubber. H. W. Catt. 2,126,733; Aug. 16.
Transmission line termination. I. J. Kaar. 2,127,408; Aug. 16.
Transmission unit for motor vehicles. C. T. Doman. 2,126,876; Aug. 16.
Transmitters, Modulating high frequency. H. Wehrlin. 2,127,148; Aug. 16.
Traveler for twister rings. C. R. Delagrange. 2,127,082; Aug. 16.
Trimmer and notching machine, Shirt collar band edge. T. Cohen. 2,127,326; Aug. 16.
Trolley wire support. S. S. Matthes. 2,127,085; Aug. 16.
Trouser leg, Heat resisting. E. G. Grundstrom. 2,127,355; Aug. 16.
Tube bender. A. L. Parker. 2,127,185; Aug. 16.
Tube cutter. A. C. Dobrick. 2,126,951; Aug. 16.
Tuned circuit. C. H. Brown. 2,126,868; Aug. 16.
2,6-dichloroanthraquinone, Preparation of. M. S. Whelen. 2,127,098; Aug. 16.
Typewriting and like machine. F. W. Schremp. 2,127,431; Aug. 16.
Typewriting machine. O. Fischer. 2,127,251; Aug. 16.
Undergarment. M. E. McCracken. 2,126,905; Aug. 16.
Upholstery pin. D. I. Reiter. 2,127,234; Aug. 16.
Utensil handle, Cooking. R. H. Fay. 2,127,250; Aug. 16.
Vacuum sealing machine. H. A. Barnby. 2,126,942; Aug. 16.
Vaginal treatment. O. A. Strauss. 2,127,094; Aug. 16.
Valve: *See*—
Needle valve. Tire valve.
Slide valve.
Valve. E. A. Corbin, Jr. 2,126,739; Aug. 16.
Valve. H. H. Lamar. 2,126,897; Aug. 16.
Valve. R. W. Myers. 2,126,799; Aug. 16.
Valve and internal combustion engine construction, Rotary. A. D. Snyder. 2,127,436; Aug. 16.
Valve converting system, Electric. W. E. Gutzwiller. 2,127,214; Aug. 16.
Valve for hydraulic presses, Prefill. E. Cannon. 2,127,324; Aug. 16.
Valve for pumps. D. J. Deschamps and C. J. Lane. 2,126,874; Aug. 16.
Valve gear. R. M. Heintz. 2,126,885; Aug. 16.
Valve operating mechanism for tank vehicles. J. A. Jensen. 2,127,225; Aug. 16.
Valves and valve seats, Apparatus for conditioning. R. Lindsey. 2,126,789; Aug. 16.
Vehicle: *See*—
Freight handling vehicle. Toy vehicle.
Motor vehicle.
Vehicle. H. Bucklin. 2,127,104; Aug. 16.
Vehicle body element. C. Breer. 2,127,323; Aug. 16.
Vehicle wheel. H. J. Horn. 2,127,220; Aug. 16.
Vehicles, Body for rear engine motor. M. Klavik. 2,127,409; Aug. 16.
Ventilator, Ridge type. A. K. Whitaker. 2,127,099; Aug. 16.
Ventilator (unitary type). A. K. Whitaker. 2,127,100; Aug. 16.
Vinyl compounds and waxes, Combinations of polymerized. W. O. Herrmann and W. Haehnel. 2,127,381; Aug. 16.
Vise. T. Petersen. 2,127,008; Aug. 16.
Vitamin B, Process for the manufacture of. M. Klingenfuss. 2,127,446; Aug. 16.
Wall cleaning apparatus. C. L. Atkinson. 2,127,051; Aug. 16.
Wall construction. R. W. Gilbert. 2,126,956; Aug. 16.
Wall member, Elastic. G. H. Stewart and B. A. Evans. 2,126,837; Aug. 16.
Wardrobe case. A. Burger. 2,126,986; Aug. 16.
Washing machine. F. Schroeder. 2,127,311; Aug. 16.
Waste system. E. A. O'Leary. 2,127,184; Aug. 16.
Water for industrial purposes of all kinds, especially boiler feed water, Preparing. A. Schneider and F. Gaisser. 2,127,450; Aug. 16.
Water-heating system. F. Carnes. 2,126,732; Aug. 16.
Water meter. W. A. White. 2,127,195; Aug. 16.
Water treatment, Hydrogen zeolite. R. Riley. 2,127,310; Aug. 16.
Wave transmission network. S. Bobis. 2,127,201; Aug. 16.
Wave transmission network. E. L. Norton. 2,126,915; Aug. 16.
Waving process and apparatus, Permanent. F. K. Bezzenberger. 2,127,458; Aug. 16.
Waxing device for use in a paper bottle capping machine, Cup form. I. F. Mandell. 2,127,180; Aug. 16.
Weather strip for closures. G. N. Brunker. 2,126,726–7; Aug. 16.
Weighing apparatus. M. A. E. Levy and W. A. Loth. 2,127,063; Aug. 16.
Weir for glass making tank. V. Mulholland. 2,127,087; Aug. 16.
Welding apparatus. W. H. Martin. 2,126,903; Aug. 16.
Well clean-out tool. C. Baker. 2,127,019; Aug. 16.
Well drilling apparatus. D. L. Driscoll. 2,127,108; Aug. 16.
Well drilling equipment. F. and A. L. Stone. 2,126,933; Aug. 16.
Wheel: *See*—
Vehicle wheel.
Wheel of road vehicles, Steering. H. R. Hawthorn. 2,127,171; Aug. 16.
Windshield wiping device. R. A. Rodrick. 2,127,142; Aug. 16.
Wire drawing machine. W. Nacken. 2,127,306; Aug. 16.
Worm element, Machining a. G. C. Graves. 2,126,990; Aug. 16.
Wringer head. J. L. Perkins. 2,127,186; Aug. 16.
Wringer mechanism. N. L. Etten and F. A. Christensen. 2,127,479; Aug. 16.
Wringer-mop apparatus. W. M. Christopher. 2,127,055; Aug. 16.

CLASSIFICATION OF PATENTS

ISSUED AUGUST 16, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

1—	3: 2,127,857	30—	15: 2,127,373	63—	2: 2,126,968	91—	54: 2,126,784	123—	48: 2,127,361	152—	430: 2,126,770
2—	14: 2,126,997		2,127,452	64—	3: 2,126,955		68: 2,126,818		51: 2,126,860	153—	46: 2,127,185
	74: 2,127,366		31: 2,127,369		11: 2,126,705		2,127,206		52: 2,127,079	154—	2: 2,126,711
	118: 2,127,420		33: 2,127,010	66—	8: 2,127,179		2,127,320		59: 2,127,114		2,126,753
	146: 2,126,835		87: 2,126,728		48: 2,127,178	92—	40: 2,126,922		90: 2,126,885		2,126,754
	2,126,836		162: 2,126,951		50: 2,127,224	93—	1: 2,127,119		99: 2,127,436		2,126,755
	166: 2,126,723		255: 2,126,699		109: 2,126,797		2: 2,127,028		128: 2,126,709		2,126,756
	206: 2,127,054	32—	5: 2,127,285		130: 2,127,449		8: 2,126,921		174: 2,127,271		2,126,757
	227: 2,127,355	33—	23: 2,126,927		194: 2,126,842		22: 2,126,920		179: 2,127,345		2,126,758
4—	258: 2,126,701		51: 2,127,173		197: 2,127,139		45: 2,126,774		188: 2,126,799		2,126,759
5—	2: 2,127,025		112: 2,126,896	68—	263: 2,127,479		58.3: 2,127,131		191: 2,126,939		2,126,820
	86: 2,127,309		126.7: 2,127,042	70—	25: 2,127,089		61: 2,126,804		195: 2,127,460		2,126,821
8—	57: 2,127,236		137: 2,127,443		2,127,091	94—	1.5: 2,127,037		197: 2,127,384		2,126,822
	70: 2,126,964		172: 2,127,336	72—	16: 2,127,111		2,127,233	125—	1: 2,126,725		2,126,823
	125: 2,126,809		204: 2,126,892		22: 2,126,956		15: 2,126,948	126—	41: 2,127,146		2,126,824
12—	17: 2,126,802		205: 2,126,741		115: 2,126,962		2,126,965		110: 2,126,931		2,126,830
	51: 2,126,781		205.5: 2,126,740		128: 2,127,130		50: 2,127,485		116: 2,127,177		2,126,832
	128: 2,126,941		222: 2,126,935	73—	51: 2,127,279	95—	?: 2,127,197		214: 2,127,426		2,126,833
	147: 2,127,908	34—	12: 2,127,217		109: Re.20,830		7: 2,127,340		350: 2,126,909		2,126,834
	2,127,362		16: 2,127,466		258: 2,127,195		88: 2,126,899	127—	38: 2,127,205	16:	2,127,487
14—	21: 2,127,235		17: 2,126,762	74—	61: 2,127,317	97—	50: 2,127,347	128—	57: 2,127,132	27:	2,127,287
15—	49: 2,126,761		24: 2,127,474		157: 2,126,843	98—	33: 2,127,095		133: 2,127,421	42:	2,126,908
	56: 2,127,811		26: 2,127,121		190.5: 2,126,782		84: 2,127,099		205: 2,127,136	155—	5: 2,126,698
	98: 2,127,951	35—	7: 2,127,047		230.17: 2,127,031		2,127,100		206: 2,127,215	77:	2,127,398
	119: 2,127,055		26: 2,126,806		260: 2,127,348	99—	2: 2,126,947		218: 2,127,203	84:	2,127,442
	128: 2,126,999	36—	17: 2,127,255		305: 2,127,463		56: 2,126,807		289: 2,127,094	165:	2,127,020
	2,127,000		71: 2,126,913		2,127,464		116: 2,127,453		289: 2,126,905	179:	2,127,093
	250: 2,127,223	37—	126: 2,127,223		326: 2,126,876		154: 2,162,958		318: 2,127,190		2,127,337
	261: 2,127,045		144: 2,126,791		328: 2,127,353		234: 2,126,934	129—	1: 2,127,416	166—	17: 2,127,125
16—	34: 2,126,811	40—	4: 2,127,342		2,127,354		265: 2,127,291	131—	57: 2,127,113		2,127,330
	54: 2,127,327		7: 2,127,081		337.5: 2,127,186	100—	14: 2,127,118		2,127,329	33:	2,127,060
	114: 2,127,250		10: 2,127,170		417: 2,126,919	101—	24: 2,127,246	132—	33: 2,127,349	39:	2,126,782
	166: 2,127,156		19: 2,127,163		480: Re.20,827		26: 2,126,777		2,127,458	43:	2,127,062
18—	4: 2,126,869		20: 2,126,980		493: 2,127,171		124: 2,127,128		36.2: 2,126,734	158—	1.5: 2,126,853
	18: 2,126,767		51: 2,127,316		513: 2,127,200		147: 2,126,768	134—	11: 2,126,936	23.2:	2,126,702
	42: 2,127,404		130: 2,126,971		515: 2,127,209		157: 2,126,778		50: 2,127,298	28:	2,127,445
	47.5: 2,126,733		132: 2,126,729		531: 2,127,097		220: 2,126,877		58: 2,126,925	36:	2,127,172
	48.3: 2,127,381		152: 2,127,078		604: 2,127,462		316: 2,126,861		60: 2,127,193	120:	2,126,838
	50: 2,126,831	42—	1: 2,127,174	75—	1: 2,127,074		350: 2,127,455	137—	13: 2,126,700	159—	16: 2,126,928
	54: 2,127,070		17: 2,126,816		22: 2,126,737	103—	41: 2,126,965		139: 2,127,225	164—	19: 2,127,326
	55: 2,126,714		69: 2,126,788		39: 2,127,299		2,127,211		2,127,265		54: 2,127,432
	59: 2,127,043		70: 2,127,318		67: 2,126,786		44: 2,126,880		153: 2,126,863		63: 2,127,002
19—	1: 2,127,283	43—	12: 2,127,332		2,126,825		46: 2,127,168		2,127,293	166—	17 Re.20,832
	37: 2,127,423		147: 2,126,924		103: 2,127,240		161: 2,126,722	138—	99: 2,127,456		19: 2,127,019
	95: 2,127,049		2,127,275		124: 2,127,245	105—	15: 2,126,837	139—	273: 2,127,182	167—	22: 2,127,380
	128: 2,127,157	45—	94: 2,127,158		153: 2,127,117		366: 2,126,764	140—	3: 2,126,979		24: 2,126,854
	130: 2,127,410	46—	11: 2,127,412		168: 2,127,253	106—	22: 2,127,400		94: 2,126,840		28: 2,127,039
20—	19: 2,127,155		175: 2,126,858		2,127,254		27: 2,127,451	141—	9: 2,127,017		30: 2,127,060
	40.5: 2,127,391	47—	38: 2,127,175		170: 2,126,748	107—	12: 2,127,076	143—	141: 2,127,112	168—	28: 2,126,904
	67: 2,126,726		41: 2,126,766	77—	6: 2,127,003	108—	10: 2,127,199	144—	32: 2,126,735	169—	26: 2,127,395
	2,126,727		61: Pl. Pt. 282		75.5: 2,127,457		18: 2,127,392	146—	88: 2,126,987	170—	159: 2,127,264
21—	5: 2,127,252	48—	38: 2,126,902	78—	18: 2,126,923	110—	14: 2,127,328	148—	6: 2,126,954		161: 2,126,813
22—	21: 2,126,738		102: 2,127,267		101: 2,127,169		45: 2,127,018		2,127,202	171—	95: 2,127,427
	57.2: 2,126,806	49—	54: 2,127,087	81—	3: 2,127,346		99: 2,126,901		6.5: 2,127,207		119: 2,127,364
	57.3: 2,127,407		77.5: Re.20,828		3.3: 2,127,301		101: 2,127,459		8: 2,127,147		123: 2,126,859
	79: 2,127,239		82: 2,127,150		33: 2,127,008		106: 2,126,776		11.5: 2,126,827		242: 2,126,750
	101: 2,127,204	51—	9: 2,127,274	82—	29: 2,127,023	112—	178: 4,126,715		21.5: 2,127,303		2,127,237
	147: 2,127,277		56: 2,127,071	83—	53: 2,127,027		218: 2,127,281		31: 2,127,388	172—	36: 2,127,166
23—	154: 2,126,803		69: 2,127,289		73: 2,127,120		261: 2,127,339		32: 2,126,742		239: 2,126,812
	202: 2,127,247		95: 2,127,210		94: 2,127,116	113—	120: 2,126,997		2,126,743		2,127,448
24—	3: 2,126,826		166: 2,126,879	84—	1: Re.20,831	114—	57: 2,127,475		2,126,744		289: 2,126,887
	73: 2,127,072	52—	2: 2,127,106		344: 2,127,266	116—	124.3: 2,127,109		2,126,745		2,126,910
	81: 2,126,866	54—	67: 2,127,242	86—	22: 2,127,378	117—	46: 2,126,977		2,126,746	173—	264: 2,126,850
	2,127,234	55—	10: 2,126,719	87—	5: 2,127,469	118—	61: 2,127,082		2,126,747		266: 2,127,122
	105: 2,127,363		77: 2,126,909		6: 2,127,437	119—	11: 2,127,194		2,126,749		328: 2,127,473
	126: 2,127,115	56—	27: 2,127,405	88—	1: 2,126,930		15.5: 2,127,213		2,126,750		347: 2,127,370
	263: 2,127,108		2,127,441		14: 2,127,272		2,127,221	149—	4: 2,126,712		358: 2,127,124
25—	142: 2,126,881	58—	53: 2,126,906		2,127,477		53: 2,126,926		5: 2,127,297	175—	41: 2,127,352
28—	1: 2,127,228	60—	54.6: 2,127,290		16.2: 2,127,143		150: 2,127,021		2,127,304		183: 2,126,932
	68: 2,126,779	61—	16: 2,126,870		20: 2,126,713	120—	47: 2,127,385	150—	1: 2,127,012		2,127,216
	2,126,780		22: 2,126,783	89—	14: 2,126,792	121—	35: 2,127,324		30: 2,127,067		320: 2,126,981
29—	26: 2,127,200	62—	1: 2,127,286	90—	3: 2,126,990	122—	235: 2,126,730		36: 2,126,898		335: 2,126,775
	80: 2,127,176		15: 2,126,900		9: 2,126,907		240: 2,126,721	151—	21: 2,127,153		337: 2,127,341
	96: 2,127,231		112: 2,127,262		12.5: 2,126,789		302: 2,126,862	152—	41: 2,127,123		355: 2,127,454
	148.3: 2,127,048		119: 2,126,978	91—	12: 2,126,810	123—	1: 2,127,222		153: 2,127,052		363: 2,127,214
	148.4: 2,126,893		2,127,101		46: 2,126,872		11: 2,126,795		214: 2,126,961		2,127,218
	2,126,912		121: 2,127,300		2,127,180		17: 2,127,016		342: 2,127,075		2,127,232
	163.5: 2,127,270		175.5: 2,127,004		2,127,413		33: 2,127,165		367: 2,126,771		2,127,439

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178— 6.6: 2,127,160
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207— 10: 2,126,814
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210— 14: 2,127,450
16: 2,127,314
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39: 2,126,918
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236— 1: 2,127,472
12: 2,127,162
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19: 2,126,732
237— 238— 288: 2,127,403
327: 2,126,983

238— 338: 2,127,430
2,127,447
240— 2: 2,127,249
10.63: 2,127,133
242— 124: 2,126,970
2,126,993
244— 18: 2,127,105
76: 2,126,855
130: 2,126,785
245— 6: 2,127,358
246— 34: 2,127,134
247— 7: 2,126,891
248— 181: 2,127,302
224: 2,127,230
243: 2,127,260
250— 6: 2,127,015
11: 2,127,415
21: 2,126,886
27: 2,126,895
2,127,488
27.5: 2,126,894
33: 2,127,088
2,127,198
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34: 2,126,769
2,126,957
2,127,365
35: 2,126,787
36: 2,126,868
251— 5: 2,127,257
8: 2,126,856
77: 2,126,739
139: 2,126,845
155: 2,126,897
252— 5: 2,127,490
6: 2,126,911
2,127,026
2,127,491
254— 86: 2,126,972
195: 2,127,084
255— 1: 2,126,933
2,127,312
15: 2,126,992
42: 2,126,828
2,126,829
257— 36: 2,127,438
130: 2,126,736
137: 2,126,696
224: 2,127,129
259— 3: 2,127,137
144: 2,126,890
260— 9: 2,127,248
22: 2,126,773
32: 2,127,135
45: 2,127,068
47: 2,126,794
81: 2,126,937

260— 101: 2,126,944
148: 2,127,470
180: 2,127,478
186: 2,126,841
204: 2,127,471
209: 2,127,360
217: 2,126,975
2,126,976
230: 2,126,851
240: 2,126,852
299: 2,127,371
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330: 2,127,483
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263— 15: 2,126,724
265— 27: 2,127,063
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267— 19: Re.20,833
53: 2,127,351
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63: 2,126,707
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271— 1: 2,127,419
59: 2,127,292
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273— 33: 2,127,282
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279— 2: 2,127,273
280— 1.18: 2,127,056
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290— 30: 2,126,914
291— 24: 2,126,865
292— 5: 2,127,061
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296— 43: 2,127,044
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U. S. GOVERNMENT PRINTING OFFICE: 1939

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Aarons Mfg. Co. (See Tenenbaum, Aaron.)

Achurch, William C., Charleston, S. C. News feature. Serial No. 407,046; Aug. 23. Class 38.

Active International, Aberdeen, Wash., and Vancouver, British Columbia, Canada. Publication. Serial No. 401,009; Aug. 23. Class 38.

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Pots and pans. Serial No. 402,243; Aug. 23. Class 13.

American Chemical Paint Company, Ambler, Pa. Preparations to stimulate the growth of plants and the germination of seeds. Serial No. 408,181; Aug. 23. Class 10.

American Flour Corporation, New York, N. Y. Wheat flour. Serial No. 406,672; Aug. 23. Class 46.

American-London Shrinkers Corp., New York, N. Y. Textile fabrics. Serial No. 407,785; Aug. 23. Class 42.

American Photographic Publishing Co., Boston, Mass. Periodical. Serial No. 406,573; Aug. 23. Class 38.

American Radiator Company, New York, N. Y. Air compressors and circulating pumps. Serial No. 401,173; Aug. 23. Class 23.

Amfre Drug Co. Incorporated, New York, N. Y. Preparation for antacid, adsorbent, antiseptic, etc. Serial No. 408,336; Aug. 23. Class 6.

Arden, Elizabeth, Inc., New York, N. Y. Make-up complexion box. Serial No. 405,473; Aug. 23. Class 6.

Arden, Elizabeth, Inc., New York, N. Y. Lipstick, face powder, perfume. Serial No. 406,084; Aug. 23. Class 6.

Arisman, Benjamin J., doing business as Sentinel Alarm Company, Elkhart, Ind. Blank-cartridge firing burglar alarms. Serial No. 403,390; Aug. 23. Class 9.

Arlington Packing Corporation, Arlington, Calif. Canned fruits, canned vegetables, and canned citrus juices. Serial No. 407,711; Aug. 23. Class 46.

Arrowsmith Mfg. Co. Inc., New York, N. Y. Supports for the arches and other parts of the feet. Serial No. 406,954; Aug. 23. Class 44.

Atkins, Kroll & Co., San Francisco, Calif. Canned fruits and dried fruits. Serial No. 399,492; Aug. 23. Class 46.

Augusta Knitting Corporation, Utica, N. Y. Slips, sweaters, bathing suits, etc. Serial No. 407,049; Aug. 23. Class 39.

Austin, Nichols & Co., Inc., Brooklyn, N. Y. Gin. Serial No. 403,897; Aug. 23. Class 49.

Automatic Button Company, Muscatine, Iowa. Lenses for use in illuminated signs and the like. Serial No. 403,932; Aug. 23. Class 34.

Barber-Colman Company, Rockford, Ill. Heating and ventilating grilles and registers. Serial No. 398,031; Aug. 23. Class 34.

Barrett Company, The, New York, N. Y. Pitch, tar, bituminous materials, etc. Serial No. 397,170; Aug. 23. Class 1.

Bartholomew, Harvey C., Los Angeles, Calif. Game of chance. Serial No. 408,150; Aug. 23. Class 22.

Bastian-Morley Co., Inc., La Porte, Ind. Electric water supply heaters. Serial No. 406,044; Aug. 23. Class 21.

Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. Serial No. 407,973; Aug. 23. Class 26.

Becker Cloak Co., Inc., New York, N. Y. Ladies' coats and suits. Serial No. 408,003; Aug. 23. Class 39.

Bell Company, Inc., The, doing business as Flare Laboratories, Chicago, Ill. Liquid radiator cement, radiator rust preventative, radiator cleaner, etc. Serial No. 408,085; Aug. 23. Class 6.

Belle City Malleable Iron Company, Racine, Wis. Castings of ferrous metal. Serial No. 407,894; Aug. 23. Class 14.

Belle City Malleable Iron Company, Racine, Wis. Castings of ferrous metal. Serial No. 407,896; Aug. 23. Class 14.

Bernstein, Nathan, doing business as Castill Chemical Company, Baltimore, Md. Pharmaceutical preparation. Serial No. 406,208; Aug. 23. Class 6.

Bernstein, Nathan, doing business as Castill Chemical Company, Baltimore, Md. Pharmaceutical preparation. Serial No. 406,209; Aug. 23. Class 6.

Best & Co., Inc., New York, N. Y. Ladies', women's, and misses' hats. Serial No. 406,751; Aug. 23. Class 39.

Bird & Son, Inc., East Walpole, Mass. Floor covering. Serial No. 408,151; Aug. 23. Class 20.

Bocan Drug Co. (See Bockmann, Frederick A.)

Bon Marche, The. (See Allied Stores Corporation.)

Borden Company, The, New York, N. Y. Butter. Serial No. 407,847; Aug. 23. Class 46.

Bouchard Ainé & Fils, Beaune, France. Brandy. Serial No. 407,522; Aug. 23. Class 49.

Bourne, Alberta M., Glendora, Calif. Oranges, lemons, and avocados. Serial No. 404,392; Aug. 23. Class 46.

Bowey's, Inc., Chicago, Ill. Chocolate syrup for food purposes and a powder for food purposes. Serial No. 374,112; Aug. 23. Class 46.

Brockmann, Frederick A., doing business as Bocan Drug Co., Utica, N. Y. Tablets for relief of pain. Serial No. 406,088; Aug. 23. Class 6.

Bro-Kade Wall Finish Co., Milwaukee, Wis. Paints and varnishes. Serial No. 406,571; Aug. 23. Class 16.

Brown Bomber Baking Company, Detroit, Mich. Bread. Serial No. 405,381; Aug. 23. Class 46.

Brown & Kruger, Inc., New York, N. Y. Table napkins, towels, table cloths. Serial No. 407,619; Aug. 23. Class 42.

Brunswig Drug Co., Los Angeles, Calif. Men's toiletries. Serial No. 408,450; Aug. 23. Class 6.

Brunswig Drug Co., Los Angeles, Calif. Cosmetics. Serial No. 408,452; Aug. 23. Class 6.

Burndy Engineering Company, Inc., New York, N. Y. Electrical connectors. Serial No. 402,151; Aug. 23. Class 21.

Carnegie, Dale, Institute of Effective Speaking and Human Relations, New York, N. Y. Periodical publications, printed books, and bulletins. Serial No. 407,053; Aug. 23. Class 38.

Carnes, H. E., & Co., Inc., St. Paul, Minn. Whiskey. Serial No. 408,527; Aug. 23. Class 49.

Castill Chemical Company. (See Bernstein, Nathan.)

Causse Manufacturing & Importing Co., New York, N. Y. Candied lemon peel, candied citron peel, etc. Serial No. 406,117; Aug. 23. Class 46.

Chicago Flexible Shaft Company, Chicago, Ill. Grinding and polishing wheels. Serial No. 405,013; Aug. 23. Class 4.

Chimes Company, Chicago, Ill. Carbonated beverages and extracts. Serial No. 401,050; Aug. 23. Class 45.

Christina, Vincent, Inc., New York, N. Y. Preparations for angina pectoris, arthritis, sinus, etc. Serial No. 407,007; Aug. 23. Class 6.

Clear Weave Hosiery Stores, Inc., (Jamaica Plain), Boston, Mass. Foundation garments, corsets, brassières, etc. Serial No. 406,048; Aug. 23. Class 39.

Cohen, A., & Sons Corp., New York, N. Y. Electric food mixers, waffle irons, and coffee percolators. Serial No. 405,764; Aug. 23. Class 21.

Commercial Solvents Corporation, New York, N. Y. Dried fermented carbohydrate residue. Serial Nos. 407,662–3; Aug. 23. Class 46.

Concordage Company, Inc., Providence, R. I. Maltless beverage and sirup and extract for making the same. Serial No. 407,901; Aug. 23. Class 45.

Converse Rubber Company, Malden, Mass. Shoes. Serial No. 404,121; Aug. 23. Class 39.

Cuetara, Salvador, Boston, Mass. Shoes and slippers. Serial Nos. 405,766–7; Aug. 23. Class 39.

Deanut Company, The. (See Oser, Bernard L.)

De Lendrecie, O. J., Company, Fargo, N. Dak. Women's wearing apparel. Serial No. 404,122; Aug. 23. Class 39.

Divel, Roy G., San Clemente, Calif. Closer for the lips of a corpse. Serial No. 408,421; Aug. 23. Class 44.

Dow Chemical Company, The, Midland, Mich. Dry cleaning solvent. Serial No. 407,427; Aug. 23. Class 4.

Drug Products Company, Inc., The, Long Island City, N. Y. Preparation for anemic conditions. Serial No. 408,052; Aug. 23. Class 6.

Eadington Fruit Company, Fullerton, Calif. Fresh oranges. Serial No. 394,830; Aug. 23. Class 46.

Eastern Isles Importing Co., Inc., The, New York, N. Y. Pajamas, nightgowns, house coats, etc. Serial No. 407,428; Aug. 23. Class 39.

Enterprise Butcher Supply Co., Inc., Dallas, Tex. Spices. Serial No. 403,546; Aug. 23. Class 46.

Epperson, Frank W., doing business as Viteen Company, Oakland, Calif. Shampoo preparation. Serial No. 390,488; Aug. 23. Class 6.

Equator-Tex Company. (See Schapp, A., & Sons.)

Erlo Products, Inc., Muncie, Ind. Soap flakes, soap chips, and washing powders. Serial No. 407,855; published Aug. 23. Class 4.

Essco Products Co. (See Spiro, Edward H., Jr.)

Everson, Franklin E., doing business as Limray Co., New York, N. Y. Sunburn preparations. Serial No. 403,448; Aug. 23. Class 6.

F. & M. Importing Co. Inc., doing business as Santa Monica Importing Co., Los Angeles, Calif. Canned fruits, canned vegetables, canned berries, etc. Serial No. 406,332; Aug. 23. Class 46.

Favorite Panama Hat Co., Inc., New York, N. Y. Men's hats. Serial No. 407,094; Aug. 23. Class 39.

Fernel, Jean P., Chicago, Ill. Medicinal preparation for developing the breast. Serial No. 399,132; Aug. 23. Class 6.

Flare Laboratories. (See Bell Company, Inc., The.)

Florists' Publishing Company, Chicago, Ill. Publication. Serial No. 407,632; Aug. 23. Class 38.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Friedman Blau Farber Company, Cleveland, Ohio. Caps, hoods, hockey caps, etc. Serial No. 407,264; Aug. 23. Class 39.
Gellman Manufacturing Company, Rock Island, Ill. Combined therapeutic table and cabinet. Serial No. 407,858; Aug. 23. Class 44.
General Cable Corporation, New York, N. Y. Insulated electrical wires and cables. Serial No. 404,705; Aug. 23. Class 21.
General Fireproofing Co., The, Youngstown, Ohio. Card filing cabinets. Serial No. 408,570; Aug. 23. Class 32.
General Foods Corporation, New York, N. Y. Cereal breakfast foods. Serial No. 407,783; Aug. 23. Class 46.
General Register Corporation, New York, N. Y. Adding machines. Serial No. 402,857; Aug. 23. Class 26.
General Tire & Rubber Company, The, Akron, Ohio. Radio receiving sets. Serial No. 380,561; Aug. 23. Class 21.
Gilbert, William A., Milwaukee, Wis. Permanent wave pads. Serial No. 408,498; Aug. 23. Class 44.
Gimbel Brothers, Inc., New York, N. Y. Whiskey. Serial No. 402,520; Aug. 23. Class 49.
Goldblatt Bros., Inc., Chicago, Ill. Childrens' shoes. Serial No. 400,967; Aug. 23. Class 39.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Storage batteries. Serial No. 407,750; Aug. 23. Class 21.
Gopher State Canneries, Inc., Le Sueur, Minn. Canned peas. Serial No. 394,705; Aug. 23. Class 46.
Goyescas Corp., New York, N. Y. Soap. Serial No. 404,310; Aug. 23. Class 4.
Goyescas Corp., New York, N. Y. Cologne and toilet water, lipstick, etc. Serial No. 404,311; Aug. 23. Class 6.
Greenosan Limited, Colchester, England. Medicated preparations. Serial No. 406,448; Aug. 23. Class 6.
Hall Planetary Company, The, Philadelphia, Pa. Milling machines and parts thereof. Serial No. 405,809; Aug. 23. Class 23.
Halsey Drug Co. Inc., Brooklyn, N. Y. Mineral oils, cod liver oil, mouth wash, etc. Serial No. 407,222; Aug. 23. Class 6.
Hamilton Tool Company, The, Hamilton, Ohio. Tools, dies, drills, etc. Serial No. 403,685; Aug. 23. Class 23.
Hamilton Tool Company, The, Hamilton, Ohio. Portable elevator tables and the like. Serial No. 406,760; Aug. 23. Class 23.
Hansen Glove Corporation, Milwaukee, Wis. Gloves. Serial No. 406,585; Aug. 23. Class 39.
Hatch Dairy, Inc., The, Danbury, Conn. Milk, ice cream, and candy. Serial No. 391,574; Aug. 23. Class 46.
Hauptmann, Peter, Tobacco Company, doing business as Peter Hauptmann Co., St. Louis, Mo. Gin and whisky. Serial No. 408,571; Aug. 23. Class 49.
Hearn Department Stores, Inc., New York, N. Y. Wines. Serial No. 404,408; Aug. 23. Class 47.
Hellwig Bros., St. Louis, Mo. Fresh vegetables. Serial No. 407,545; Aug. 23. Class 46.
Hercules Powder Company, Wilmington, Del. Synthetic resinous material. Serial No. 407,463; Aug. 23. Class 5.
Holsten-Brauerei, Altona, Germany. Beer. Serial No. 404,713; Aug. 23. Class 48.
Houbigant, Inc., New York, N. Y. Perfume, toilet waters. Serial No. 404,608; Aug. 23. Class 6.
Hudson, J. L., Company, The, Detroit, Mich. Band and orchestra musical instruments. Serial No. 407,434; Aug. 23. Class 36.
Hurwitz, Milton S., Seattle, Wash. Lubricating oil. Serial No. 406,134; Aug. 23. Class 15.
International Paper Box Machine Company, The, Nashua, N. H. Folding box gluing machinery etc. Serial No. 407,861; Aug. 23. Class 23.
Isaac, William, New York, N. Y. Neckties. Serial No. 406,761; Aug. 23. Class 39.
Jackson Electrical Instrument Company, The, Dayton, Ohio. Tube testers and radio testing instruments. Serial No. 394,711; Aug. 23. Class 26.
Jackson-Wheeler Metals Service, Inc., Brooklyn, N. Y. Bearing alloys, babbitt metals, and white-metal alloys. Serial No. 408,646; Aug. 23. Class 14.
Jacob, Louis L., Inc., Orlando, Fla. Fresh citrus fruits. Serial No. 405,390; Aug. 23. Class 46.
Jensen, Oliver O., New York, N. Y. Card and board game. Serial No. 407,906; Aug. 23. Class 22.
Jones, John L., Boulder, Colo. Apparatus for vaporizing a volatile medicinal solution into the nasal passages and sinus. Serial No. 393,249; Aug. 23. Class 44.
Kadin Bros. Incorporated, New York, N. Y. Ladies' handbags and pocketbooks. Serial No. 407,435; Aug. 23. Class 3.
Kemp, E. F., Inc., Somerville, Mass. Mixture of popcorn, puffed wheat, and puffed rice with a liquid cheese preparation spread thereon. Serial No. 407,949; Aug. 23. Class 46.
Keystone Grocery Distributing Co. of Pittsburgh, Inc., The, Pittsburgh, Pa. Salad oil. Serial No. 407,065; Aug. 23. Class 46.
Killian Manufacturing Company, The, Akron, Ohio. Prophylactic rubber articles. Serial No. 407,817; Aug 23. Class 44.
King, Irving, Shreveport, La. Golf clubs. Serial No. 407,316; Aug. 23. Class 22.
King Kone Corporation, New York, N. Y. Crackers. Serial No. 405,815; Aug. 23. Class 46.
Kleinert, I. B., Rubber Company, New York, N. Y. Rubber chin reducers. Serial No. 408,648; Aug. 23. Class 44.
Knowlton, Wm., & Sons Company, West Upton, Mass. Women's hats. Serial No. 404,367; Aug. 23. Class 39.
Laboratoires de L'Ambre Solaire. (See Schueller, Eugene.)
Laucks, I. F., Inc., Seattle, Wash. Glue. Serial No. 408,162; Aug. 23. Class 5.
Laundry Age Publishing Company, New York, N. Y. Magazine section. Serial Nos. 405,446–8; Aug. 23. Class 38.
Life Savers Corporation, Port Chester, N. Y. Candy. Serial No. 402,568; Aug. 23. Class 46.
Limray Co. (See Everson, Franklin E.)
Linn Camera Shop Inc., Lansing, Mich. Photographic prints. Serial No. 406,516; Aug. 23. Class 38.
Logantex Inc., New York, N. Y. Textile fabrics. Serial No. 405,030; Aug. 23. Class 42.
London House, Ltd., New York, N. Y. Perfume. Serial No. 408,607; Aug. 23. Class 6.
Lord's, Evanston, Ill. Wearing apparel. Serial No. 394,237; Aug. 23. Class 39.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Skirts, waists, suits, etc. Serial No. 407,869; Aug. 23. Class 39.
MacGregor Company, The, Dayton, Ohio. Golf clubs and parts thereof. Serial No. 407,872; Aug. 23. Class 22.
MacGregor Company, The, Dayton, Ohio. Golf clubs and parts thereof, golf balls, etc. Serial No. 407,873; Aug. 23. Class 22.
Macy, R. H., & Co., Inc., New York, N. Y. Bed spreads, blanket covers, window curtains, etc. Serial No. 406,815; Aug. 23. Class 42.
Madison & Son, Great Falls, Mont. Dance floor wax. Serial No. 407,152; Aug. 23. Class 16.
Magazine Repeating Razor Company, New York, N. Y. Razors and razor blades. Serial No. 407,908; Aug. 23. Class 23.
Maidwell Brassiere & Corset Co., New York, N. Y. Girdles, corselettes, brassières, and bandeaux. Serial No. 396,605; Aug. 23. Class 39.
Mallge, Jules, Lapwai, Idaho. Preparation for the treatment of tuberculosis and consumption. Serial No. 403,512; Aug. 23. Class 6.
Martha Washington Candies Company, Chicago, Ill. Candies. Serial No. 407,777; Aug. 23. Class 46.
McBee Company, The, Athens, Ohio. Bond paper. Serial No. 404,223; Aug. 23. Class 37.
Meredith Publishing Company, Des Moines, Iowa. Printed sheets of special information. Serial No. 405,702; Aug. 23. Class 38.
Merriam, G. & C., Company, Springfield, Mass. Books, particularly dictionaries. Serial No. 405,997; Aug. 23. Class 38.
Merriam, G. & C., Company, Springfield, Mass. Books, particularly dictionaries. Serial No. 405,999; Aug. 23. Class 38.
Merritt, Carol H., and Co., Fayette, Miss. Preparation for treating athlete foot. Serial No. 406,143; Aug. 23. Class 6.
Midland Cooperative Dairy Association, Shawano, Wis., and New York, N. Y. Canned evaporated milk. Serial No. 406,764; Aug. 23. Class 46.
Miller, Mildred N., doing business as Mildred Miller's Gift Shop, Lexington, Va. Dolls. Serial No. 408,654; Aug. 23. Class 22.
Minnesota Macaroni Company, St. Paul, Minn. Macaroni. Serial No. 405,077; Aug. 23. Class 46.
Mobile Daily Newspapers, Inc., Mobile, Ala. Newspaper. Serial No. 406,768; Aug. 23. Class 38.
Mobile Daily Newspapers, Inc., Mobile, Ala. Newspapers. Serial No. 406,769; Aug. 23. Class 38.
Mollé Company, The, Bedford, Ohio. Safety razor blades. Serial No. 407,178; Aug. 23. Class 23.
Monarch Knitting Co., Limited, The, Dunnville, Ontario, Canada. Knitting yarns. Serial No. 383,848; Aug. 23. Class 43.
Moore, Carl E., Cleveland, Ohio. Machine which produces color plates used on lithograph presses. Serial No. 406,896; Aug. 23. Class 26.
Moskowitz, Herman J., Mount Vernon, N. Y. Preparation for removing adhesive tape. Serial No. 408,070; Aug. 23. Class 6.
Mundial Corporation, Philadelphia, Pa. Binder twine. Serial No. 407,637; Aug. 23. Class 7.
New York Toy & Game Manufacturing Co. (See Rubin, Louis.)
Oak Rubber Company, The, Ravenna, Ohio. Toy rubber balloons. Serial No. 408,285; Aug. 23. Class 22.
Ohio Oil Co., The, Findlay, Ohio. Lubricating oils and greases. Serial No. 405,565; Aug. 23. Class 15.
O. K. Foods, Inc., La Grange, Ill. Sandwich filling. Serial No. 407,156; Aug. 23. Class 46.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Oser, Bernard L., doing business as The Deanut Company, New York, N. Y. Flavored spread. Serial No. 402,691; Aug. 23. Class 46.
Patricia Petticoat Co., Inc., The, New York, N. Y. Slips, petticoats, nightgowns, etc. Serial No. 406,561; Aug. 23. Class 39.
Perfect Circle Company, The, Hagerstown, Ind. Metal piston rings. Serial No. 408,545; Aug. 23. Class 35.
Phillips Process Inc., Rochester, N. Y. Carbon paper sheets and ink pads. Serial No. 403,145; Aug. 23. Class 11.
Physicians and Hospitals Supply Company, Inc., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Cold cream. Serial No. 407,557; Aug. 23. Class 6.
Pond's Extract Company, New York, N. Y. Cold creams. Serial No. 399,977; Aug. 23. Class 6.
Posner, Alfred, Dorchester, Mass. Pin holding device. Serial No. 400,791; Aug. 23. Class 40.
R and H Medical Co., Plymouth, Ind. Preparation for the treatment of athlete's foot, ring worm, etc. Serial No. 406,151; Aug. 23. Class 6.
Reid, Robert A., David City, Nebr. Maltless beverages and sirups and extracts for making the same. Serial No. 408,438; Aug. 23. Class 45.
Rheingold Cheese Company, Chicago, Ill. Cheese. Serial No. 407,688; Aug. 23. Class 46.
Rhinopto Company, The, Dallas, Tex. Nose drops. Serial No. 408,509; Aug. 23. Class 6.
Roanoke Syrup Co. Inc., Roanoke, Ala. Table syrups. Serial No. 402,698; Aug. 23. Class 46.
Robinson, Joseph, New York, N. Y. Vaporizers. Serial No. 408,577; Aug. 23. Class 44.
Rondeau, H. O., Shoe Co., Inc., Farmington, N. H. Shoes. Serial No. 399,153; Aug. 23. Class 39.
Rubbercraft Corporation of California, Ltd., Los Angeles, Calif. Exercisers. Serial No. 408,548; Aug. 23. Class 22.
Rubin, Louis, doing business as New York Toy & Game Manufacturing Co., New York, N. Y. Projectile games. Serial No. 408,549; Aug. 23. Class 22.
Ryan Converting Corporation, New York, N. Y. Piece goods. Serial No. 407,642; Aug. 23. Class 42.
Ryerson-Bunty, Inc., New York, N. Y. Art needlework package outfits. Serial No. 407,250; Aug. 23. Class 40.
Saks, M. J., Shoe Corp., New York, N. Y. Shoes, slippers, and sandals. Serial No. 403,661; Aug. 23. Class 39.
Santa Monica Importing Co. Inc. (See F. & M. Importing Co.)
Sauer, Albert H., Jr., doing business as A. Sauer & Company, Cincinnati, Ohio. Wrist watch straps and parts therefor. Serial No. 406,658; Aug. 23. Class 40.
Schapp, A., & Sons, doing business as Equator-Tex Company, New York, N. Y. Suits and overcoats. Serial No. 393,555; Aug. 23. Class 39.
Schermerhorn Bros. Co., Chicago, Ill. Wall canvas. Serial No. 396,513; Aug. 23. Class 42.
Schoeneman, J., Inc., Baltimore, Md. Coats, vests, trousers, etc. Serial No. 407,740; Aug. 23. Class 39.
Schonbrunn, S. A., & Co., Inc., New York, N. Y. Tea. Serial No. 404,548; Aug. 23. Class 46.
Schueller, Eugene, doing business as Laboratoires de L'Ambre Solaire, Paris, France. Sun tan oil. Serial No. 407,824; Aug. 23. Class 6.
Scott-Graff Co., Inc., South San Antonio, Tex. Luggage bags. Serial No. 402,386; Aug. 23. Class 3.
Security Engineering Co. Inc., Whittier, Calif. Aluminum alloys, and ingots, castings, and forgings made therefrom. Serial No. 407,471; Aug. 23. Class 14.
Seinsheimer, H. A., Company, The, Cincinnati, Ohio. Overcoats or top coats. Serial No. 408,031; Aug. 23. Class 39.
Seneca Falls Rule & Block Co., Inc., Seneca Falls, N. Y. Rulers. Serial No. 404,185; Aug. 23. Class 26.
Sentinal Alarm Company. (See Arisman, Benjamin J.)
Sewny, Karekeen H., M. D., New York, N. Y. Soothing salve. Serial No. 406,780; Aug. 23. Class 6.
Shillito, John, Company, The, Cincinnati, Ohio. Men's overcoats, topcoats, and suits. Serial No. 402,316; Aug. 23. Class 39.
Siegel-Lyttle, Inc., New York, N. Y. Articles of apparel. Serial No. 402,954; Aug. 23. Class 39.
Simone Company Inc., The, New York, N. Y. Brassières, girdles, corsets, etc. Serial No. 406,947; Aug. 23. Class 39.
Smith, Edgar F., doing business as Vitel', Storm Lake, Iowa. Lotion for the hands and face. Serial No. 407,447; Aug. 23. Class 6.
Smith, Landon P., Inc., Irvington, N. J. Glass cutters. Serial No. 407,161; Aug. 23. Class 23.
Societe Anonyme Chimie & Atomistique, Paris, France. Preparation for kidney infections and diseases of the alimentary tract. Serial No. 406,528; Aug. 23. Class 6.
Specify Food Company. (See Standard Distributors, Inc.)
Spiro, Edward H., Jr., doing business as the Esco Products Co., New York, N. Y. Mite powder. Serial No. 404,189; Aug. 23. Class 6.
Spume Beverage Co. (See Zichichi, Anthony.)
Standard Alcohol Company, Wilmington, Del. Cleaning fluid. Serial No. 408,212; Aug. 23. Class 4.
Standard Distributors, Inc., doing business as Specify Food Company, Los Angeles, Calif. Canned fruits, canned vegetables, canned citrus juices, etc. Serial No. 407,392; Aug. 23. Class 46.
Standard Oil Company of New Jersey, Wilmington, Del. Gasoline and lubricating oils. Serial No. 406,784; Aug. 23. Class 15.
Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Piston rings. Serial No. 408,587; Aug. 23. Class 35.
Stitzel-Weller Distillery, Incorporated, Shively, Ky. Whiskey. Serial No. 396,372; Aug. 23. Class 49.
Sunrise Liquor Corporation, Chicago, Ill. Whiskey and gin. Serial No. 408,213; Aug. 23. Class 49.
Sunrise Liquor Corporation, Chicago, Ill. Whiskey. Serial No. 408,219; Aug. 23. Class 49.
Taylor & Williams Distilleries, Inc., Louisville, Ky. Whiskey. Serial No. 408,440; Aug. 23. Class 49.
Tenenbaum, Aaron, doing business as Aarons Mfg. Co., New York, N. Y. Shirts and shorts. Serial No. 407,888; Aug. 23. Class 39.
Tolco, Inc., Toledo, Ohio. Counters and display fixtures for retail stores. Serial No. 406,836; Aug. 23. Class 32.
Trico Products Corporation, Buffalo, N. Y. Fluid operated motors and parts thereof, etc. Serial No. 406,787; Aug. 23. Class 23.
Ulmer Pharmacal Company. (See Physicians and Hospitals Supply Company, Inc.)
Union Fork & Hoe Company, The, Columbus, Ohio. Hand wielded shovels and spades. Serial No. 407,775; Aug. 23. Class 23.
United Drug Company, Boston, Mass. Hemoglobin-forming tonic. Serial No. 406,608; Aug. 23. Class 6.
United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. Serial No. 403,798; Aug. 23. Class 33.
Urvater, Arnold, Paris, France. Medicinal products. Serial No. 402,877; Aug. 23. Class 6.
Urvater, Arnold, Paris, France. Medicinal products. Serial No. 402,879; Aug. 23. Class 6.
Van Sant Dugdale & Company, Baltimore, Md. Company house organ. Serial No. 406,203; Aug. 23. Class 38.
Vereinigte Spielwarenfabriken Andreas Förtner & J. Haffner's Nachf. G. m. b. H., Nuremberg, Germany. Electric railway toys. Serial No. 405,946; Aug. 23. Class 22.
Vermont Maple Tree Sugar Co., Burlington, Vt. Cough syrup. Serial No. 404,021; Aug. 23. Class 6.
Vitamin Products Co., Montebello, Calif. Medicinal tablets. Serial No. 408,522; Aug. 23. Class 6.
Viteen Company. (See Epperson, Frank W.)
Vitel', Edgar F. (See Smith, Edgar F.)
Wagner & Söhne, Naunhof, near Leipzig, Germany. Cotton wearing apparel. Serial No. 401,248; Aug. 23. Class 39.
Walsh, Philomene G., Chicago, Ill. Sauce for vegetables, puddings, etc. Serial No. 404,930; Aug. 23. Class 46.
Walters, Edgar B., Organization Incorporated, New York, N. Y. Sweaters. Serial No. 405,278; Aug. 23. Class 39.
Wamsutta Mills, New Bedford, Mass. Shirts, shorts, slacks, etc. Serial No. 407,926; Aug. 23. Class 39.
Watkins, J. R., Company, The, Winona, Minn. Complexion soap. Serial No. 404,338; Aug. 23. Class 4.
Weast Brothers, Landis, N. C. Varnish. Serial No. 407,252; Aug. 23. Class 16.
Weil, Miriam A., Savannah, Ga. Salve. Serial No. 408,555; Aug. 23. Class 6.
Weiner, Martin, doing business as Martin Weiner Co., New York, N. Y. Fabrics. Serial No. 407,840; Aug. 23. Class 42.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric roasters. Serial Nos. 408,034–5; Aug. 23. Class 21.
Wickwire Spencer Steel Company, New York, N. Y. Screw hooks, gate hooks, and screw eyes, etc. Serial No. 393,194; Aug. 23. Class 13.
Wilkin, Fred R., Cicero, Ill. Mittens to increase the propulsion of the swimming stroke. Serial No. 408,407; Aug. 23. Class 22.
Williams Gold Refining Company, Inc., The, Buffalo, N. Y. Dental casting patterns. Serial No. 408,557; Aug. 23. Class 44.
Wisconsin Alumni Research Foundation, Madison, Wis. Vitamin D concentrate. Serial No. 399,586; Aug. 23. Class 6.
Wohl Shoe Company, St. Louis, Mo. Shoes. Serial No. 385,371; Aug. 23. Class 39.
Wolferman, Fred, Inc., Kansas City, Mo. Whiskey. Serial No. 405,540; Aug. 23. Class 49.
Worcester Lawn Mower Company, Worcester, Mass. Lawn mowers. Serial No. 407,832; Aug. 23. Class 23.
Zenith Products Company, Cleveland, Ohio. Disinfectant, wash, and medicine for animals. Serial No. 391,982; Aug. 23. Class 6.
Zichichi, Anthony, doing business as Spume Beverage Co., Chicago, Ill. Maltless carbonated beverages. Serial No. 407,928; Aug. 23. Class 45.

LIST OF REGISTRANTS OF TRADE-MARKS

Acme Chemical Company, Milwaukee, Wis. Liquid cleanser. 359,524; Aug. 23; Serial No. 402,703; published June 14, 1938. Class 4.
Aktiebolaget Bröderne Amelin, Stockholm, Sweden. Fish, meat, tea, etc. 359,458; Aug. 23; Serial No. 387,693; published June 14, 1938. Class 46.
Aluminum Cooking Utensil Company, The, New Kensington, Pa. Cooking hollow-ware. 359,535; Aug. 23; Serial No. 403,291; published May 24, 1938. Class 13.
American Bar Lock Co., Inc., Long Island City, N. Y. Solutions or compounds in the nature of a paint. 359,494; Aug. 23; Serial No. 398,985; published Feb. 22, 1938. Class 16.
American Distilling Company, The, Pekin, Ill. Blended whiskey. 359,469; Aug. 23; Serial No. 391,261; published June 29, 1937. Class 49.
American Pop Corn Company, Sioux City, Iowa. Pop corn. 359,447; Aug. 23; Serial No. 367,331; published June 14, 1938. Class 46.
American Window Glass Company, Pittsburgh, Pa. Sheet glass. 359,570; Aug. 23; Serial No. 404,791; published May 31, 1938. Class 33.
Anthony, Hale B., Rockport, Mass. Dolls. 359,648; Aug. 23. Class 22.
Armor Tread Tire Corporation, Curtis Bay, Baltimore, Md. Tires and treads. 359,453; Aug. 23; Serial No. 383,797; published June 7, 1938. Class 35.
Aronoff, Richling & Fein, New York, N. Y. Girls' dresses, suits, and coats. 359,619; Aug. 23. Class 39.
Arthur Canneries, Inc., Montpelier, Ind. Canned vegetables. 359,508; Aug. 23; Serial No. 401,174; published June 14, 1938. Class 46.
Arthur Canneries, Inc., Montpelier, Ind. Canned vegetables. 359,509; Aug. 23; Serial No. 401,232; published June 14, 1938. Class 46.
Atlas Abrasives Corporation, New Rochelle, N. Y. Abrasive strips. 359,467; Aug. 23; Serial No. 391,168; published June 14, 1938. Class 4.
Atlas Powder Company, Wilmington, Del. Hand cleaners. 359,588; Aug. 23; Serial No. 405,285; published June 14, 1938. Class 4.
Atreo Manufacturing Co., New York, N. Y. Dress shields. 359,643; Aug. 23. Class 40.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sherry, port, muscatel, claret, etc. 359,546; Aug. 23; Serial No. 403,898; published May 17, 1938. Class 47.
Aviation Manufacturing Corporation, Chicago, Ill. Airplanes. 359,574; Aug. 23; Serial No. 404,827; published May 31, 1938. Class 19.
Aynsley, John, & Sons Ltd., Stoke-on-Trent, England. China tableware. 359,501; Aug. 23; Serial No. 400,151; published May 17, 1938. Class 30.
Babineau, Albert T., Los Angeles, Calif. Mechanical automotive brakes. 359,565; Aug. 23; Serial No. 404,600; published June 14, 1938. Class 19.
Balassa, Joseph, Newark, N. J. Preparation for treating corns, callouses, etc. 359,630; Aug. 23. Class 6.
Bankers Box Company, Chicago, Ill. Drawer type files. 359,490; Aug. 23; Serial No. 398,305; published June 7, 1938. Class 32.
Barrett-Cravens Company, Chicago, Ill. Material handling equipment. 359,464; Aug. 23; Serial No. 390,349; published June 14, 1938. Class 32.
Bendix Products Corporation, South Bend, Ind. Pumps. 359,482; Aug. 23; Serial No. 396,383; published Oct. 12, 1937. Class 23.
Bettar Ice Cream Co., Incorporated, doing business as Ann Penn Caterers, Baltimore, Md. Ice cream, ices, and sherbets. 359,471; Aug. 23; Serial No. 391,560; published June 14, 1938. Class 46.
Binks Manufacturing Company, Chicago, Ill. Spray nozzles. 359,503; Aug. 23; Serial No. 400,404; published June 14, 1938. Class 13.
Bird & Son, inc., East Walpole, Mass. Floor covering. 359,584; Aug. 23; Serial No. 405,192; published June 14, 1938. Class 20.
Bloomingdale Bros., Inc., New York, N. Y. Champagne. 359,521; Aug. 23; Serial No. 402,506; published June 14, 1938. Class 47.
Bon-Ton, Incorporated, Chicago, Ill. Whiskey. 359,644; Aug. 23. Class 49.
Bradford, L. J., doing business as Zero Beverage Co., Fort Worth, Tex. Beverage. 359,519; Aug. 23; Serial No. 402,362; published June 14, 1938. Class 45.
Bragno, Francesco, doing business as Bragno & Company, Chicago, Ill. Olive oil. 359,580; Aug. 23; Serial No. 405,056; published June 14, 1938. Class 46.
Brown, Andrew, Company, Los Angeles, Calif. Lacquers and enamels. 359,602; Aug. 23; Serial No. 405,479; published June 14, 1938. Class 16.
Brown-Camp Hardware Company, Des Moines, Iowa. Lawn sprinklers, spray nozzles, tack assortments. 359,485; Aug. 23; Serial No. 397,177; published June 14, 1938. Class 13.
Brown-Camp Hardware Company, Des Moines, Iowa. Dry batteries and waffle irons. 359,486; Aug. 23; Serial No. 397,178; published June 14, 1938. Class 21.
Buckley, Newhall Company, The, New York, N. Y. Bed sheets, pillow cases, towels, etc. 359,592; Aug. 23; Serial No. 405,340; published June 14, 1938. Class 42.
Bullock's, Inc., Los Angeles, Calif. Creams, pastes, oils, etc. 359,629; Aug. 23. Class 6.
Burgess Battery Company, Chicago, Ill. Air distributing apparatus. 359,622; Aug. 23. Class 34.
California Growers Wineries, Inc., Fresno, Calif. Brandy. 359,444; Aug. 23; Serial No. 356,689; published Nov. 6, 1934. Class 49.
Candy & Company, Inc., Chicago, Ill. Candle burning lamps and fixtures. 359,497; Aug. 23; Serial No. 399,438; published May 17, 1938. Class 34.
Carlton Mills Co., Inc., Philadelphia, Pa., and New York, N. Y. Woolen piece goods. 359,593; Aug. 23; Serial No. 405,344; published June 14, 1938. Class 42.
Christensen Products Corporation, Weslaco, Tex. Canned grapefruit juice. 359,479; Aug. 23; Serial No. 395,282; published June 14, 1938. Class 46.
Church & Dwight Co. Inc., New York, N. Y. Baking soda. 359,513–6; Aug. 23; Serial Nos. 401,765–8; published June 14, 1938. Class 46.
Coe Laboratories, Inc., Chicago, Ill. Instrument used in the spraying of dental models. 359,532; Aug. 23; Serial No. 403,117; published June 14, 1938. Class 44.
Comex Trading Company, Inc., New York, N. Y. Wines. 359,540; Aug. 23; Serial No. 403,718; published May 17, 1938. Class 47.
Cortland Line Company, Inc., Cortland, N. Y. Fish lines. 359,611–2; Aug. 23; Serial Nos. 405,592–3; published June 7, 1938. Class 22.
De Land, C. M., New York, N. Y. Piece goods of wool. 359,594; Aug. 23; Serial No. 405,349; published June 14, 1938. Class 42.
Desert Citrus Products Association, Tempe, Ariz. Canned citrus juices. 359,575; Aug. 23; Serial No. 404,835; published June 14, 1938. Class 46.
Dispens-Or Valve Corporation, San Francisco, Calif. Dispensing faucets. 359,522; Aug. 23; Serial No. 402,517; published May 17, 1938. Class 13.
Dixon, Gilbert W., Rydal, Pa. Harness for fishermen. 359,547; Aug. 23; Serial No. 403,911; published June 14, 1938. Class 22.
Duffie, John J., New York, N. Y. Calculating and adding machines. 359,480; Aug. 23; Serial No. 395,639; published Nov. 9, 1937. Class 26.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Tanners' oil for stuffing leather. 359,512; Aug. 23; Serial No. 401,557; published June 14, 1938. Class 4.
Embury Manufacturing Company, Warsaw, N. Y. Flares. 359,499; Aug. 23; Serial No. 399,830; published June 7, 1938. Class 34.
Ensign Products Company, Cleveland, Ohio. Rope dressing and preserver. 359,598; Aug. 23; Serial No. 405,440; published June 14, 1938. Class 4.
Esquire Features, Inc., Chicago, Ill. Newspaper cartoons. 359,476; Aug. 23; Serial No. 393,026; published June 7, 1938. Class 38.
Esquire Novelty Mfg. Co., Inc., New York, N. Y. Leather wallets, key cases, bill folds. 359,561; Aug. 23; Serial No. 404,434; published June 14, 1938. Class 3.
Evans, H. C., & Company, Chicago, Ill. Razor blades and razor blade vending machines. 359,558; Aug. 23; Serial No. 404,299; published June 14, 1938. Class 23.
Exposed Publishing Company. (See Stein, Leon.)
Fabergé, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 359,581; Aug. 23; Serial No. 404,358; published June 14, 1938. Class 6.
Fetz and Weaver, Chicago, Ill. Board games. 359,472; Aug. 23; Serial No. 391,633; published June 14, 1938. Class 22.
Flagg, Paluel J., New York, N. Y., assignor to Jewel Incandescent Lamp Co., East Newark, N. J. Electric light bulbs. 359,498; Aug. 23; Serial No. 399,444; published Mar. 22, 1938. Class 21.
Flako Products Corporation, New Brunswick, N. J. Prepared mixture for corn muffins. 359,562; Aug. 23; Serial No. 404,435; published June 14, 1938. Class 46.
Gardner, P. A., Jr., doing business as Prince Gardner, St. Louis, Mo. Billfolds. 359,533; Aug. 23; Serial No. 403,125; published June 14, 1938. Class 3.
Garden Vineyards Winery & Distillery Co., Fowler, Calif. Wines. 359,528; Aug. 23; Serial No. 402,856; published May 31, 1938. Class 47.
Gatke Corporation, Chicago, Ill. Brake lining. 359,603; Aug. 23; Serial No. 405,493; published June 7, 1938. Class 35.
General Mills, Inc, Minneapolis, Minn. Flour. 359,548; Aug. 23; Serial No. 403,945; published June 14, 1938. Class 46.
Giumarra Bros., Los Angeles, Calif. Fresh citrus fruits, fresh deciduous fruits, and fresh vegetables. 359,536; Aug. 23; Serial No. 403,408; published June 14, 1938. Class 46.
Glaser Bros., San Francisco, Calif. Rum, whiskey, gin, etc. 359,449; Aug. 23; Serial No. 377,503; published June 9, 1936. Class 49.
Goldberg Brothers, Denver, Colo. Speaking tube for use in ticket dispensing booths. 359,525; Aug. 23; Serial No. 402,773; published May 24, 1938. Class 13.

Goldberg, Samuel, Brighton Beach, Brooklyn, N. Y. Toy punching bag. 359,589; Aug. 23; Serial No. 405,292; published June 7, 1938. Class 22.
Goodrich Electric Company, Chicago, Ill. Unitary electric lighting fixtures. 359,523; Aug. 23; Serial No. 402,581; published June 14, 1938. Class 21.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Cushions, pillows, mattresses, etc. 359,616; Aug. 23; Serial No. 405,722; published June 7, 1938. Class 32.
Goulds Pumps, Incorporated, Seneca Falls, N. Y. Centrifugal pumps. 359,642; Aug. 23. Class 23.
Grocers Service Corporation, Chicago, Ill. Canned vegetables, canned fruits, canned fruit juices, etc. 359,604; Aug. 23; Serial No. 405,504; published June 14, 1938. Class 46.
Hacienda Flores, Inc., Fort Lauderdale, Fla. Fresh citrus fruits, avocados, papayas, etc. 359,599; Aug. 23; Serial No. 405,442; published June 14, 1938. Class 46.
Hadley-Hubbard Company, Boston and Roxbury, Mass. Valve seats. 359,595; Aug. 23; Serial No. 405,356; published June 7, 1938. Class 13.
Hallenscheid & McDonald, Los Angeles, Calif. Wall bathroom accessories. 359,511; Aug. 23; Serial No. 401,482; published June 7, 1938. Class 13.
Hansen, John, & Sons, Oakland, Calif. Coffee. 359,454; Aug. 23; Serial No. 386,107; published Feb. 22, 1938. Class 46.
Harriman, John W., doing business as Harriman Products Co., St. Louis, Mo. Weight controlled valves with spouts for drawing liquids into containers. 359,634; Aug. 23. Class 13.
Hazen, Ray H., Philadelphia, Pa. Horse-drawn carriages and wagons. 359,566; Aug. 23; Serial No. 404,711; published June 7, 1938. Class 19.
Hearn Department Stores, Inc., New York, N. Y. Wines. 359,571; Aug. 23; Serial No. 404,805; published May 31, 1938. Class 47.
Hearty, E. W. J., Inc., New York, N. Y. Canned chicken, canned turkey, etc. 359,537; Aug. 23; Serial No. 403,453; published June 14, 1938. Class 46.
Hearty, E. W. J., Inc., New York, N. Y. Canned chicken. 359,538; Aug. 23; Serial No. 403,454; published June 14, 1938. Class 46.
Hinners, R. J., Co., Los Angeles, Calif. Automatic machine for vending pre-popped pop-corn. 359,543; Aug. 23; Serial No. 403,768; published June 14, 1938. Class 23.
Hollingshead, R. M., Corporation, Camden, N. J. Adhesive, patching and repair outfits, etc. 359,586; Aug. 23; Serial No. 405,254; published June 14, 1938. Class 5.
Homecraft Manufacturing Co., Inc., New York, N. Y. Hassocks. 359,587; Aug. 23; Serial No. 405,255; published June 7, 1938. Class 32.
Ideal Novelty & Toy Company, Long Island City, N. Y. Dolls. 359,551; Aug. 23; Serial No. 404,084; published June 14, 1938. Class 22.
Imperial Candy Co., Seattle, Wash. Candy. 359,608; Aug. 23; Serial No. 405,555; published June 14, 1938. Class 46.
International Salt Company, Inc., New York, N. Y. Salt. 359,638; Aug. 23. Class 46.
Israel, Leon, & Bros., Inc., New York, N. Y. Green coffee. 359,572–3; Aug. 23; Serial Nos. 404,809–10; published June 14, 1938. Class 46.
Janz, Ernest T., Chicago, Ill. Cough syrup. 359,621; Aug. 23. Class 6.
Jeffrey Manufacturing Company, The, Columbus, Ohio. Acid-resisting chains and chain links. 359,563; Aug. 23; Serial No. 404,531; published June 14, 1938. Class 13.
Jewel Incandescent Lamp Co. (See Flagg, Paluel J., assignor.)
Kaylooms Incorporated, Weehawken, N. J. Knitted textile piece goods. 359,456; Aug. 23; Serial No. 386,432; published Mar. 9, 1937. Class 42.
Kelley, Benjamin F., Tulsa, Okla. Game boards. 359,613; Aug. 23; Serial No. 405,650; published June 7, 1938. Class 22.
Kelly-Menke Co., The, Chicago, Ill. Light reflecting signs, vehicle safety reflectors, etc. 359,495; Aug. 23; Serial No. 398,993; published May 24, 1938. Class 34.
Kletzan Mfg. Co., Wilkes-Barre, Pa. Powdered soap. 359,526; Aug. 23; Serial No. 402,809; published June 14, 1938. Class 4.
Lane, E. F., & Son, San Francisco, Calif. Honey. 359,576; Aug. 23; Serial No. 404,854; published June 14, 1938. Class 46.
Landsbrugsministeriet, Copenhagen, Denwark. Meats and meat products. 359,465; Aug. 23; Serial No. 390,374; published June 14, 1938. Class 46.
Langelands, Tacoma, Wash. Air conditioning, heating furnaces. 359,496; Aug. 23; Serial No. 399,282; published May 24, 1938. Class 34.
Laucks, I. F., Inc., Seattle, Wash. Wall forming panels and structural trim. 359,492; Aug. 23; Serial No. 398,625; published Mar. 15, 1938. Class 12.
Laughlin, Homer, China Co., The, Newell, W. Va. Earthenware for table service. 359,518; Aug. 23; Serial No. 402,262; published June 14, 1938. Class 30.
Le Baron, E. L., Foundry Company, Brockton, Mass. Cast iron fireplace dampers. 359,529; Aug. 23; Serial No. 403,009; published May 17, 1938. Class 34.
Libbey Glass Company, Toledo, Ohio. Drinking glasses and for glass dishes. 359,502; Aug. 23; Serial No. 400,237; published May 31, 1938. Class 33.
Lord-Mott Co. (See Roberts, R. E.)
Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton piece goods. 359,635–6; Aug. 23. Class 42.
Macklanburg-Duncan Company, Oklahoma City, Okla. Glazing compound and putties. 359,631; Aug. 23. Class 16.
Mantle Lamp Company of America, The, Chicago, Ill. Lamp shades. 359,507; Aug. 23; Serial No. 401,066; published May 24, 1938. Class 34.
Many, Blanc & Co., Inc., Chicago, Ill. Rum, whiskey, gin, etc. 359,645; Aug. 23. Class 49.
Markwell Manufacturing Company, Inc., New York, N. Y. Staples. 359,585; Aug. 23; Serial No. 405,215; published May 31, 1938. Class 13.
Marshall Field & Company, Chicago, Ill. Radio receiving sets. 359,539; Aug. 23; Serial No. 403,601; published June 14, 1938. Class 21.
Masson, Paul, Champagne Company, Saratoga, Calif. Wines. 359,559; Aug. 23; Serial No. 404,318; published June 14, 1938. Class 47.
Match King, Inc., Chicago, Ill. Electric razors. 359,578; Aug. 23; Serial No. 404,947; published June 14, 1938. Class 23.
Maynes, Hyla F., North Tonawanda, assignor to Spiral Wind Fish Reel Company, Inc., Buffalo, N. Y. Fishing reels. 359,450; Aug. 23; Serial No. 380,217; published June 14, 1938. Class 22.
McCulloch, Harold W., Belleville, N. J. Detergent preparation. 359,560; Aug. 23; Serial No. 404,321; published June 14, 1938. Class 4.
Medicone Company, New York, N. Y. Vaginal capsules. 359,628; Aug. 23. Class 6.
Meyer, Edward, New York, N. Y. Shoes made of leather. 359,637; Aug. 23. Class 39.
Meyercord Company, The, Chicago, Ill. Decalcomanias. 359,544; Aug. 23; Serial No. 403,776; published June 7, 1938. Class 38.
Miller, Dorothy, Toledo, Ohio. Maltless beverages, and sirups and extracts for making same. 359,505; Aug. 23; Serial No. 400,849; published Feb. 15, 1938. Class 45.
Miller, Rudolph W., doing business as Miller Felpax Company, Winona, Minn. Lubricator fillers for journal boxes. 359,590; Aug. 23; Serial No. 405,309; published June 7, 1938. Class 35.
Miller Underwear Co., Inc., New York, N. Y. Chemises, negligees, panties, etc. 359,510; Aug. 23; Serial No. 401,443; published May 24, 1938. Class 39.
Modern Diet Products, Inc. (See Modern Health Products, Inc.)
Modern Health Products, Inc., Milwaukee, Wis., now by change of name Modern Diet Products, Inc. Laxative. 359,618; Aug. 23. Class 6.
Modern Manufacturing Co., Inc., New York, N. Y. Dresses and house-dresses. 359,633; Aug. 23. Class 39.
Monpeurt, Georges, Paris, France. Glass tubes and rods. 359,448; Aug. 23; Serial No. 372,647; published June 8, 1937. Class 33.
Montreal Orange Bottling Company Limited, Montreal, Quebec, Canada. Carbonate drink. 359,609; Aug. 23; Serial No. 405,563; published June 14, 1938. Class 45.
Mound City Paint and Color Company, St. Louis, Mo. Ready mixed house paint. 359,639; Aug. 23. Class 16.
Mound City Paint and Color Company, St. Louis, Mo. Paint enamel. 359,640; Aug. 23. Class 16.
Mound City Paint and Color Company, St. Louis, Mo. Aluminum paint. 359,641; Aug. 23. Class 16.
Mount Carbon Manufacturing and Supply Company, doing business as Mt. Carbon Brewery, Pottsville, Pa. Beer. 359,600; Aug. 23; Serial No. 405,457; published June 14, 1938. Class 48.
National Distillers Products Corporation, New York, N. Y. Whiskey. 359,649–50; Aug. 23. Class 49.
National Shoe Corporation, Marlboro, Mass. Shoes for women. 359,477; Aug. 23; Serial No. 393,181; published May 24, 1938. Class 39.
National Silver Company, New York, N. Y. Sterling silver and silver plated flatware, hollow ware, and tableware. 359,596; Aug. 23; Serial No. 405,402; published May 31, 1938. Class 28.
Newton, Frank H., doing business as Vib-Ray-Ped Sales Co., Los Angeles, Calif. Electric vibrators. 359,459; Aug. 23; Serial No. 388,406; published June 14, 1938. Class 44.
Norwich Knitting Co., Inc., Norwich, N. Y. Knitted sport shirts. 359,623; Aug. 23. Class 39.
One Minute Washer Company, Newton, Iowa. Washing machines and parts thereof. 359,445; Aug. 23; Serial No. 361,831; published June 14, 1938. Class 24.
Paramount Distilling Corporation, Chicago, Ill. Whiskey. 359,646; Aug. 23. Class 49.
Paramount Wedding Ring Company. (See Sager, Abraham.)
Peck, Stow & Wilcox Company, The, Southington, Conn. Awls, axes, bits, etc. 359,484; Aug. 23; Serial No. 396,999; published June 14, 1938. Class 23.
Peerless Sporting Goods Co. (See Silverman, Abraham J.)
Pepperell Manufacturing Company, Boston, Mass. Chintz and drapery piece goods. 359,582; Aug. 23; Serial No. 405,129; published June 14, 1938. Class 42.

Penick & Ford, Ltd. Incorporated, New York, N. Y., and New Orleans, La. Molasses. 359,455; Aug. 23; Serial No. 386,316; published Apr. 20, 1937. Class 46.

Penn, Ann, Caterers. (See Bettar Ice Cream Co., Incorporated.)

Pervel Corporation, New York, N. Y. Pillow cases. 359,605; Aug. 23; Serial No. 405,523; published June 14, 1938. Class 42.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 359,624; Aug. 23. Class 46.

Pillsbury, Howard E., Newbury, Newburyport, Mass. Soap, washing powder, and hand-cleaning paste. 359,552; Aug. 23; Serial No. 404,135; published June 14, 1938. Class 4

Pitman & Keeler, Attleboro, Mass. Bracelets, vanity cases, and compacts. 359,463; Aug. 23; Serial No. 390,184; published May 18, 1937. Class 28.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Paint coating for surfaces. 359,555; Aug. 23; Serial No. 404,263; published June 14, 1938. Class 16.

Pollack, Jacob, & Sons, New York, N. Y. Overcoats and topcoats. 359,625; Aug. 23. Class 39.

Pomelo, Dr., Company, Edinburg, Tex. Fresh citrus fruits and citrus fruit juices. 359,500; Aug. 23; Serial No. 400,089; published Mar. 1, 1938. Class 46.

Potts, Robert M., doing business as The Try-Me Bait Company, Dayton, Ohio. Fish bait and decoy minnows. 359,617; Aug. 23; Serial No. 405,738; published June 7, 1938. Class 22.

Prince Gardner. (See Gardner, P. A., Jr.)

Rathjen Bros., Inc., San Francisco, Calif. Whiskey. 359,483; Aug. 23; Serial No. 396,724; published Oct. 26, 1937. Class 49.

Rattan Products Mfg. Co. Inc., Los Angeles, Calif. Rattan furniture. 359,504; Aug. 23; Serial No. 400,793; published June 7, 1938. Class 32.

Rawlplug Company, Inc., The, New York, N. Y. Drive masonry expansion pins. 359,462; Aug. 23; Serial No. 389,964; published June 14, 1938. Class 13.

Red Line Commercial Company, Inc., New York, N. Y. Canned crab-meat. 359,446; Aug. 23; Serial No. 363,822; published June 14, 1938. Class 46.

Roberts, Roy E., doing business as Lord-Mott Co., Baltimore, Md. Canned dog food. 359,475; Aug. 23; Serial No. 392,733; published June 29, 1937. Class 46.

Rondeau, H. O., Shoe Co., Inc., Farmington, N. H. Ladies' and misses' shoes. 359,545; Aug. 23; Serial No. 403,786; published May 24, 1938. Class 39.

Rosen & Jacoby, New York, N. Y. Doll wigs. 359,520; Aug. 23; Serial No. 402,444; published June 7, 1938. Class 22.

Ross, J. O., Engineering Corporation, New York, N. Y. High pressure hot water heat distribution units and parts therefor. 359,481; Aug. 23; Serial No. 395,837; published Feb. 15, 1938. Class 34.

Sager, Abraham, doing business as Paramount Wedding Ring Company, Chicago, Ill. Finger rings and wedding rings. 359,567; Aug. 23; Serial No. 404,726; published May 31, 1938. Class 28.

Salinas Brewing & Ice Company, Salinas, Calif. Lager beer. 359,601; Aug. 23; Serial No. 405,462; published June 14, 1938. Class 48.

Salmanson & Co. Inc., New York, N. Y. Radiator shields and window ventilators. 359,491; Aug. 23; Serial No. 398,496; published Dec. 14, 1937. Class 34.

Salus, Walter J., assignor to A. Salus & Son, Inc., Philadelphia, Pa. Canned fruits and canned vegetables, coffee, etc. 359,461; Aug. 23; Serial No. 389,750; published June 14, 1938. Class 46.

San Gabriel Vineyard Company, San Gabriel, Calif. Wines. 359,517; Aug. 23; Serial No. 402,103; published May 17, 1938. Class 47.

Schowanek, Hans, doing business as J. Schowanek, Albrechtsdorf, near Gablonz-on-the-Neisse, Czechoslovakia. Handbags or reticules. 359,534; Aug. 23; Serial No. 403,157; published June 14, 1938. Class 3.

Sears, Roebuck and Co., Chicago, Ill. Heating equipment. 359,470; Aug. 23; Serial No. 391,351; published May 24, 1938. Class 34.

Sears, Roebuck and Co., Chicago, Ill. Automobile radiator hose. 359,597; Aug. 23; Serial No. 405,411; published June 7, 1938. Class 35.

Shannon & Engle, Inc., Yonkers, N. Y. Canned fruits and canned vegetables. 359,626–7; Aug. 23. Class 46.

Shiman Bros. & Co., Inc., New York, N. Y. Finger rings. 359,541; Aug. 23; Serial No. 403,737; published June 7, 1938. Class 28.

Silverman, Abraham J., doing business as Peerless Sporting Goods Co., New York, N. Y. Golf clubs, baseball bats, hockey sticks, etc. 359,569; Aug. 23; Serial No. 404,781; published June 14, 1938. Class 22.

Skjelborg, Axel H., New York, N. Y. Wine. 359,556; Aug. 23; Serial No. 404,271; published June 7, 1938. Class 47.

Smith, Clayton L., Arlington, N. J., assignor to Van Tine Features Syndicate, Inc., New York, N. Y. Used automobiles. 359,542; Aug. 23; Serial No. 403,738; published May 17, 1938. Class 19.

Smith & Smith, Glen Riddle, Pa. Lotion for treating hemorrhoids. 359,632; Aug. 23. Class 6.

Soby Studio, The, Kansas City, Mo. Works of art. 359,530; Aug. 23; Serial No. 403,020; published June 7, 1938. Class 38.

Sociedad Anonima Auxiliar Fabril Agricola & Comercial, Buenos Aires, Argentina. Yerba mate. 359,460; Aug. 23; Serial No. 389,269; published June 14, 1938. Class 46.

Southern Friction Materials Company, Charlotte, N. C. Brake lining. 359,488; Aug. 23; Serial No. 397,986; published June 7, 1938. Class 35.

Spiral Wind Fish Reel Company, Inc. (See Maynes, Hyla F., assignor.)

Stebbins, Albert H., Jr., doing business as Sterling Laboratories, Little Rock, Ark. Paint, varnishes, lacquers, etc. 359,493; Aug. 23; Serial No. 398,879; published June 13, 1938. Class 16.

Stein, Leon, doing business as Exposed Publishing Company, New York, N. Y. Magazine. 359,577; Aug. 23; Serial No. 404,870; published June 7, 1938. Class 38.

Steinway & Sons, New York, N. Y. Soundboards. 359,620; Aug. 23. Class 36.

Stensgaard, W. L., & Associates, Inc., Chicago, Ill. Thin metal strips. 359,549; Aug. 23; Serial No. 404,064; published May 31, 1938. Class 13.

Sterling Laboratories. (See Stebbins, Albert H., Jr.)

Stern & Stern Textile Importers, Inc., New York, N. Y. Silk piece goods. 359,614; Aug. 23; Serial No. 405,673; published June 14, 1938. Class 42.

Stoody Company, Whittier, Calif. Welding rods. 359,610; Aug. 23; Serial No. 405,575; published June 14, 1938. Class 14.

Story Doctor Co., The, Seattle, Wash. Plastic disc sound records. 359,487; Aug. 23; Serial No. 397,389; published June 14, 1938. Class 36.

Sullivan, P., Shoe Company, The, Cincinnati, Ohio. Shoes. 359,550; Aug. 23; Serial No. 404,070; published May 24, 1938. Class 39.

Sure-Catch Lure Company, Irvington, N. J. Fish lures. 359,606; Aug. 23; Serial No. 405,531; published June 7, 1938. Class 22.

Swartwout Company, The, Cleveland, Ohio. Boiler fittings, valve and pump control valves and governors, etc. 359,451; Aug. 23; Serial No. 381,175; published May 24, 1938. Class 13.

Taylor, Lowenstein & Company, Mobile, Ala. Turpentine, gum spirits of turpentine. 359,579; Aug. 23; Serial No. 405,002; published June 14, 1938. Class 16.

Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware, etc. 359,557; Aug. 23; Serial No. 404,274; published May 24, 1938. Class 28.

Trico Products Corporation, Buffalo, N. Y. Windshield wipers and parts thereof. 359,478; Aug. 23; Serial No. 394,735; published May 24, 1938. Class 19.

Try-Me Bait Company, The. (See Potts, Robert M.)

Tycoon Tackle, Inc., Miami, Fla. Fishing rods. 359,553; Aug. 23; Serial No. 404,193; published June 7, 1938. Class 22.

Tycoon Tackle, Inc., Miami, Fla. Fishing rods. 359,554; Aug. 23; Serial No. 404,196; published June 7, 1938. Class 22.

Ultrad Products, Inc., Boston, Mass. Therapeutic lamps. 359,489; Aug. 23; Serial No. 398,181; published Dec. 7, 1937. Class 44.

United States Glass Company, Pittsburgh, Pa. Glass articles. 359,531; Aug. 23; Serial No. 403,065; published May 24, 1938. Class 33.

United States Gypsum Company, Chicago, Ill. Asbestos pipe coverings. 359,466; Aug. 23; Serial No. 390,876; published May 31, 1938. Class 12.

Universal Milk Company, The, New York, N. Y. Powdered milk. 359,452; Aug. 23; Serial No. 381,647; published Sept. 8, 1936. Class 46.

Van Tine Features Syndicate, Inc. (See Smith, Clayton L., assignor.)

Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Surface covering metals in the form of strips, sheets, and plates. 359,527; Aug. 23; Serial No. 402,832; published June 14, 1938. Class 14.

Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Metal tubes and tubing. 359,583; Aug. 23; Serial No. 405,143; published May 31, 1938. Class 13.

Vib-Ray-Ped Sales Co. (See Newton, Frank H.)

Ward Chemical & Mfg. Company, Inc., New York, N. Y. Powdered or granular soap or other powdered alkaline detergent compositions. 359,457; Aug. 23; Serial No. 386,611; published Mar. 9, 1937. Class 4.

Webster, F. S., Company, Cambridge, Mass. Carbon paper. 359,591; Aug. 23; Serial No. 405,329; published June 14, 1938. Class 11.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic air cleaners and air conditioners. 359,506; Aug. 23; Serial No. 401,008; published May 31, 1938. Class 34.

Whitin Machine Works, Whitinsville, Mass. Roving frames and spinning frames. 359,468; Aug. 23; Serial No. 391,253; published June 14, 1938. Class 23.

Whitson Products Co., Inc., Brooklyn, N. Y. Chocolate flavored powder. 359,568; Aug. 23; Serial No. 404,733; published June 14, 1938. Class 46.

Whittenton Manufacturing Company, Boston, Mass. Cotton and rayon piece goods, cotton and rayon blankets, etc. 359,615; Aug. 23; Serial No. 405,674; published June 14, 1938. Class 42.

Wilson Detectograph, Inc., Los Angeles, Calif. Card games. 359,607; Aug. 23; Serial No. 405,537; published June 7, 1938. Class 22.

Witkowski, Joseph S., doing business as Witt Packing Co., Chicago, Ill. Prepared dog food. 359,647; Aug. 23. Class 46.

Witt Packing Co. (See Witkowski, Joseph S.)

Wood, Alan, Steel Company, Conshohocken, Pa. Steel plates and sheets. 359,564; Aug. 23; Serial No. 404,555; published June 14, 1938. Class 14.

Worthington, Geo., Company, The, Cleveland, Ohio. Paints, paint enamel, varnish, etc. 359,473; Aug. 23; Serial No. 391,834; published June 14, 1938. Class 16.

Worthington, Geo., Company, The, Cleveland, Ohio. Electric washing machines, gasoline washers for dry cleaning, etc. 359,474; Aug. 23; Serial No. 391,842; published June 14, 1938. Class 24.

Zero Beverage Co. (See Bradford, L. J.)

LIST OF REGISTRANTS OF LABELS

Anabolic Food Products, Inc., Chicago, Ill. Cilobana B–9. For Supplemental Food with Vitamins B_1 and B_2. 51,649; Aug. 23.

Banner Wholesale Grocers, Inc., Chicago, Ill. Sincerity. For Peas. 51,650; Aug. 23.

Banner Wholesale Grocers, Inc., Chicago, Ill. Sincerity. For Peaches. 51,651; Aug. 23.

Canale, Giulio, Chicago, Ill. Linda. For Odorless Steriliser and Deodorant. 51,652; Aug. 23.

Clamp Nail Company, Chicago, Ill. Clamp Nail Mitr-Tites. For Miter Joint Fasteners. 51,653; Aug. 23.

Clamp Nail Company, Chicago, Ill. Clamp Nail Tite-Mitr. For Miter Joint Fasteners. 51,654; Aug. 23.

Debus Corporation, The, Hastings, Nebr. Debus Wheat Bio-Nups for Youths and Grown-Ups. For Prepared Wheat in Puffed or Exploded Form. 51,655; Aug. 23.

General Baking Company, New York, N. Y. Bond—Guaranteed Fresh. For Bread. 51,656–7; Aug. 23.

Gumakers of America, Inc., Clifton Heights, Pa. Bingo. For Chewing Gum. 51,658; Aug. 23.

Lockport Brewing Co., Lock Haven, Pa. German Club Brand. For Pilsener Beer. 51,659; Aug. 23.

Loudon Packing Company, The, Terre Haute, Ind. V–8 Cocktail. For Blend of 8 Vegetable Juices. 51,660; Aug. 23.

Morton Medicine Company, Baltimore, Md. V 1. For Vegetable Extracts, Iron Peptonate and Other Ingredients Used as a Stomach Stimulant, Etc. 51,661; Aug. 23.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Paprika). For Paprika. 51,662; Aug. 23.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Strained Spinach). For Strained Spinach. 51,663; Aug. 23.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Corned Beef). For Compressed Cooked Corned Beef. 51,664; Aug. 23.

Pointer Brewing Co., Clinton, Iowa. Ritz. For Beer. 51,665; Aug. 23.

Purity Baking Company Limited, Toronto, Ontario, Canada. N R G. For Bread. 51,666; Aug. 23.

Welch, C. S., Company, The, New York, N. Y. Bathasweet. For Preparation for the Bath. 51,667; Aug. 23.

Yuengling, D. G., & Son, Inc., Pottsville, Pa. Old German Brand. For Beer. 51,668; Aug. 23.

LIST OF REGISTRANTS OF PRINTS

Allen, Arthur H., Chicago, Ill. Arthur H Allen Featuring California Fun Togs. For Sport Clothes. 17,012; Aug. 23.

Hampden Brewing Company, Willimansett, Mass. You get More out of Hampden. For Ale and Beer. 17,013; Aug. 23.

Premier-Pabst Sales Co., Peoria Heights, Ill. A Cordial Welcome to You All! Ad. No. 989. For Beer. 17,014; Aug. 23.

Tenderet Corporation, Chicago, Ill. Tenderets and Tenderet Combinations. For a Machine for Processing Meats. 17,015; Aug. 23.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 3

Billfolds. P. A. Gardner, Jr. 359,533; Aug. 23; Serial No. 403,125; published June 14, 1938.

Handbags or reticules. H. Schowanek. 359,534; Aug. 23; Serial No. 403,157; published June 14, 1938.

Wallets, key cases, bill folds, Leather. Esquire Novelty Mfg. Co. 359,561; Aug. 23; Serial No. 404,434; published June 14, 1938.

CLASS 4

Abrasive strips. Atlas Abrasives Corporation. 359,467; Aug. 23; Serial No. 391,168; published June 14, 1938.

Cleaners, Hand. Atlas Powder Company. 359,588; Aug. 23; Serial No. 405,285; published June 14, 1938.

Cleanser, Liquid. Acme Chemical Company. 359,524; Aug. 23; Serial No. 402,703; published June 14, 1938.

Detergent preparation. H. W. McCulloch. 359,560; Aug. 23; Serial No. 404,321; published June 14, 1938.

Dressing and preserver, Rope. Ensign Products Company. 359,598; Aug. 23; Serial No. 405,440; published June 14, 1938.

Soap or other powdered alkaline detergent compositions, Powdered or granular. Ward Chemical & Mfg. Company. 359,457; Aug. 23; Serial No. 386,611; published Mar. 9, 1937.

Soap, Powdered. Kletam Mfg. Co. 359,526; Aug. 23; Serial No. 402,809; published June 14, 1938.

Soap, washing powder, and hand-cleaning paste. H. E. Pillsbury. 359,552; Aug. 23; Serial No. 404,135; published June 14, 1938.

Tanners' oil for stuffing leather. E. I. du Pont de Nemours and Company. 359,512; Aug. 23; Serial No. 401,557; published June 14, 1938.

CLASS 5

Adhesive, patching, and repairing outfits; etc. R. M. Hollingshead Corporation. 359,586; Aug. 23; Serial No. 405,254; published June 14, 1938.

CLASS 6

Capsules, Vaginal. Medicone Company. 359,628; Aug. 23.

Cough syrup. E. T. Janz. 359,621; Aug. 23.

Creams, pastes, oils, etc. Bullock's, Inc. 359,629; Aug. 23.

Laxative. Modern Health Products, Inc. 359,618; Aug. 23.

Lotion for treating hemorrhoids. Smith & Smith. 359,632; Aug. 23.

Perfume, toilet water, face powder, etc. Fabergé, Inc. 359,581; Aug. 23; Serial No. 404,358; published June 14, 1938.

Preparation for treating corns, callouses, etc. J. Balassa. 359,630; Aug. 23.

CLASS 11

Carbon paper. F. S. Webster Company. 359,591; Aug. 23; Serial No. 405,329; published June 14, 1938.

CLASS 12

Panels and structural trim, Wall forming. I. F. Laucks, Inc. 359,492; Aug. 23; Serial No. 398,625; published Mar. 15, 1938.

Pipe coverings, Asbestos. United States Gypsum Company. 359,466; Aug. 23; Serial No. 390,876; published May 31, 1938.

CLASS 13

Bathroom accessories, Wall. Hallenscheid & McDonald. 359,511; Aug. 23; Serial No. 401,482; published June 7, 1938.

Boiler fittings, valve and pump control valves and governors, etc. Swartwout Company. 359,451; Aug. 23; Serial No. 381,175; published May 24, 1938.

Chains and chain links, Acid-resisting. Jeffrey Manufacturing Company. 359,563; Aug. 23; Serial No. 404,531; published June 14, 1938.

Faucets, Dispensing. Dispens-Or Valve Corporation. 359,522; Aug. 23; Serial No. 402,517; published May 17, 1938.

Hollow-ware, Cooking. Aluminum Cooking Utensil Company. 359,535; Aug. 23; Serial No. 403,291; published May 24, 1938.

Nozzles, Spray. Binks Manufacturing Company. 359,503; Aug. 23; Serial No. 400,404; published June 14, 1938.

Pins, Drive masonry expansion. Rawlplug Company. 359,462; Aug. 23; Serial No. 389,964; published June 14, 1938.

Sprinklers, spray nozzles, tack assortments, Lawn. Brown-Camp Hardware Company. 359,485; Aug. 23; Serial No. 397,177; published June 14, 1938.
Staples. Markwell Manufacturing Company. 359,585; Aug. 23; Serial No. 405,215; published May 31, 1938.
Strips, Thin metal. W. L. Stensgaard & Associates, Inc. 359,549; Aug. 23; Serial No. 404,064; published May 31, 1938.
Tube for use in ticket dispensing booths, Speaking. Goldberg Brothers. 359,525; Aug. 23; Serial No. 402,773; published May 24, 1938.
Tubes and tubing, Metal. Vereinigte Deutsche Metallwerke Aktiengesellschaft. 359,583; Aug. 23; Serial No. 405,143; published May 31, 1938.
Valve seats. Hadley-Hubbard Company. 359,595; Aug. 23; Serial No. 405,356; published June 7, 1938.
Valves with spouts for drawing liquids into containers, Weight controlled. J. W. Harriman. 359,634; Aug. 23.

CLASS 14

Metals in the form of strips, sheets, and plates, Surface covering. Vereinigte Deutsche Metallwerke Aktiengesellschaft. 359,527; Aug. 23; Serial No. 402,832; published June 14, 1938.
Steel plates and sheets. Alan Wood Steel Company. 359,564; Aug. 23; Serial No. 404,555; published June 14, 1938.
Welding rods. Stoody Company. 359,610; Aug. 23; Serial No. 405,575; published June 14, 1938.

CLASS 16

Glazing compound and putties. Macklanburg-Duncan Company. 359,631; Aug. 23.
Lacquers and enamels. Andrew Brown Company. 359,602; Aug. 23; Serial No. 405,479; published June 14, 1938.
Paint, Aluminum. Mound City Paint and Color Company. 359,641; Aug. 23.
Paint coating for surfaces. Pittsburgh Plate Glass Company. 359,555; Aug. 23; Serial No. 404,263; published June 14, 1938.
Paint enamel. Mound City Paint and Color Company. 359,640; Aug. 23.
Paint, Ready mixed house. Mound City Paint and Color Company. 359,639; Aug. 23.
Paint, varnishes, lacquers, etc. A. H. Stebbins, Jr. 359,493; Aug. 23; Serial No. 398,879; published June 14, 1938.
Paints, paint enamel, varnish, etc. Geo. Worthington Company. 359,473; Aug. 23; Serial No. 391,834; published June 14, 1938.
Solutions or compounds in the nature of a paint. American Bar Lock Co. 359,494; Aug. 23; Serial No. 398,985; published Feb. 22, 1938.
Turpentine, gum spirits of turpentine. Taylor, Lowenstein & Company. 359,579; Aug. 23; Serial No. 405,002; published June 14, 1938.

CLASS 19

Airplanes. Aviation Manufacturing Corporation. 359,574; Aug. 23; Serial No. 404,827; published May 31, 1938.
Automobiles, Used. C. L. Smith. 359,542; Aug. 23; Serial No. 403,738; published May 17, 1938.
Automotive brakes, Mechanical. A. T. Babineau. 359,565; Aug. 23; Serial No. 404,600; published June 14, 1938.
Carriages and wagons, Horse-drawn. R. H. Hazen. 359,566; Aug. 23; Serial No. 404,711; published June 7, 1938.
Windshield wipers and parts thereof. Trico Products Corporation. 359,478; Aug. 23; Serial No. 394,735; published May 24, 1938.

CLASS 20

Floor covering. Bird & Son, inc. 359,584; Aug. 23; Serial No. 405,192; published June 14, 1938.

CLASS 21

Batteries and waffle irons, Dry. Brown-Camp Hardware Company. 359,486; Aug. 23; Serial No. 397,178; published June 14, 1938.
Bulbs, Electric light. P. J. Flagg. 359,498; Aug. 23; Serial No. 399,444; published Mar. 22, 1938.
Electrostatic air cleaners and air conditioners. Westinghouse Electric & Manufacturing Company. 359,506; Aug. 23; Serial No. 401,008; published May 31, 1938.
Lighting fixtures, Unitary electric. Goodrich Electric Company. 359,523; Aug. 23; Serial No. 402,581; published June 14, 1938.
Radio receiving sets. Marshall Field & Company. 359,539; Aug. 23; Serial No. 403,601; published June 14, 1938.

CLASS 22

Doll wigs. Rosen & Jacoby. 359,520; Aug. 23; Serial No. 402,444; published June 7, 1938.
Dolls. H. B. Anthony. 359,648; Aug. 23.
Dolls. Ideal Novelty & Toy Company. 359,551; Aug. 23; Serial No. 404,084; published June 14, 1938.
Fish bait and decoy minnows. R. M. Potts. 359,617; Aug. 23; Serial No. 405,738; published June 7, 1938.
Fishing reels. H. F. Maynes. 359,450; Aug. 23; Serial No. 380,217; published June 14, 1938.
Fishing rods. Tycoon Tackle, Inc. 359,553; Aug. 23; Serial No. 404,193; published June 7, 1938.
Fishing rods. Tycoon Tackle, Inc. 359,554; Aug. 23; Serial No. 404,196; published June 7, 1938.
Fish lines. Cortland Line Company. 359,611–2; Aug. 23; Serial Nos. 405,592–3; published June 7, 1938.
Fish lures. Sure-Catch Lure Company. 359,606; Aug. 23; Serial No. 405,531; published June 7, 1938.
Game boards. B. F. Kelley. 359,613; Aug. 23; Serial No. 405,650; published June 7, 1938.
Games, Board. Fetz and Weaver. 359,472; Aug. 23; Serial No. 391,633; published June 14, 1938.
Games, Card. Wilson Detectograph, Inc. 359,607; Aug. 23; Serial No. 405,537; published June 7, 1938.
Golf clubs, baseball bats, hockey sticks, etc. A. J. Silverman. 359,569; Aug. 23; Serial No. 404,781; published June 14, 1938.
Harness for fishermen. G. W. Dixon. 359,547; Aug. 23; Serial No. 403,911; published June 14, 1938.
Toy punching bag. S. Goldberg. 359,589; Aug. 23; Serial No. 405,292; published June 7, 1938.

CLASS 23

Awls, axes, bits, etc. Peck, Stow & Wilcox Company. 359,484; Aug. 23; Serial No. 396,999; published June 14, 1938.
Frames and spinning frames, Roving. Whitin Machine Works. 359,468; Aug. 23; Serial No. 391,253; published June 14, 1938.
Machine for vending pre-popped pop-corn, Automatic. R. J. Hinners Co. 359,543; Aug. 23; Serial No. 403,768; published June 14, 1938.
Pumps. Bendix Products Corporation. 359,482; Aug. 23; Serial No. 396,383; published Oct. 12, 1937.
Pumps, Centrifugal. Goulds Pumps, Incorporated. 359,642; Aug. 23.
Razor blades and razor blade vending machines. H. C. Evans & Company. 359,558; Aug. 23; Serial No. 404,299; published June 14, 1938.
Razors, Electric. Match King, Inc. 359,578; Aug. 23; Serial No. 404,947; published June 14, 1938.

CLASS 24

Washing machines and parts thereof. One Minute Washer Company. 359,445; Aug. 23; Serial No. 361,831; published June 14, 1938.
Washing machines, gasoline washers for dry cleaning, etc., Electric. Geo. Worthington Company. 359,474; Aug. 23; Serial No. 391,842; published June 14, 1938.

CLASS 26

Calculating and adding machines. J. J. Duffie. 359,480; Aug. 23; Serial No. 395,639; published Nov. 9, 1937.

CLASS 28

Bracelets, vanity cases, and compacts. Pitman & Keeler. 359,463; Aug. 23; Serial No. 390,184; published May 18, 1937.
Flatware, etc., Silver and silver mounted. Towle Manufacturing Company. 359,557; Aug. 23; Serial No. 404,274; published May 24, 1938.
Flatware, hollow ware, and tableware, Sterling silver and silver plated. National Silver Company. 359,596; Aug. 23; Serial No. 405,402; published May 31, 1938.
Rings and wedding rings, Finger. A. Sager. 359,567; Aug. 23; Serial No. 404,726; published May 31, 1938.
Rings, Finger. Shiman Bros. & Co. 359,541; Aug. 23; Serial No. 403,737; published June 7, 1938.

CLASS 30

China tableware. John Aynsley & Sons Ltd. 359,501; Aug. 23; Serial No. 400,151; published May 17, 1938.
Earthenware for table service. Homer Laughlin China Co. 359,518; Aug. 23; Serial No. 402,262; published June 14, 1938.

CLASS 32

Cushions, pillows, mattresses, etc. Goodyear Tire & Rubber Company. 359,616; Aug. 23; Serial No. 405,722; published June 7, 1938.
Files, Drawer type. Bankers Box Company. 359,490; Aug. 23; Serial No. 398,305; published June 7, 1938.
Furniture, Rattan. Rattan Products Mfg. Co. Inc. 359,504; Aug. 23; Serial No. 400,793; published June 7, 1938.
Hassocks. Homecraft Manufacturing Co. 359,587; Aug. 23; Serial No. 405,255; published June 7, 1938.
Material handling equipment. Barrett-Cravens Company. 359,464; Aug. 23; Serial No. 390,349; published June 14, 1938.

CLASS 33

Glass articles. United States Glass Company. 359,531; Aug. 23; Serial No. 403,065; published May 24, 1938.
Glass, Sheet. American Window Glass Company. 359,570; Aug. 23; Serial No. 404,791; published May 31, 1938.
Glass tubes and rods. G. Monpeurt. 359,448; Aug. 23; Serial No. 372,647; published June 8, 1937.
Glasses and for glass dishes, Drinking. Libby Glass Company. 359,502; Aug. 23; Serial No. 400,237; published May 31, 1938.

CLASS 34

Air distributing apparatus. Burgess Battery Company. 359,622; Aug. 23.
Dampers, Cast iron fireplace. E. L. Le Baron Foundry Company. 359,529; Aug. 23; Serial No. 403,009; published May 17, 1938.
Flares. Embury Manufacturing Company. 359,499; Aug. 23; Serial No. 399,830; published June 7, 1938.
Furnaces, Air conditioning, heating. Langelands. 359,496; Aug. 23; Serial No. 399,282; published May 24, 1938.
Heat distribution units and parts therefor, High pressure hot water. J. O. Ross Engineering Corporation. 359,481; Aug. 23; Serial No. 395,837; published Feb. 15, 1938.
Heating equipment. Sears, Roebuck and Co. 359,470; Aug. 23; Serial No. 391,351; published May 24, 1938.
Lamps and fixtures, Candle burning. Candy & Company. 359,497; Aug. 23; Serial No. 399,438; published May 17, 1938.
Light reflecting signs, vehicle safety reflectors, etc. Kelly-Menke Co. 359,495; Aug. 23; Serial No. 398,993; published May 24, 1938.
Radiator shields and window ventilators. Salmanson & Co. Inc. 359,491; Aug. 23; Serial No. 398,496; published Dec. 14, 1937.
Shades, Lamp. Mantle Lamp Company of America. 359,507; Aug. 23; Serial No. 401,066; published May 24, 1938.

CLASS 35

Brake lining. Gatke Corporation. 359,603; Aug. 23; Serial No. 405,493; published June 7, 1938.
Brake lining. Southern Friction Materials Company. 359,488; Aug. 23; Serial No. 397,986; published June 7, 1938.
Fillers for journal boxes, Lubrication. R. W. Miller. 359,590; Aug. 23; Serial No. 405,309; published June 7, 1938.
Hose, Automobile radiator. Sears, Roebuck and Co. 359,597; Aug. 23; Serial No. 405,411; published June 7, 1938.
Tires and treads. Armor Tread Tire Corporation. 359,453; Aug. 23; Serial No. 383,797; published June 7, 1938.

CLASS 36

Records, Plastic disc sound. Story Doctor Co. 359,487; Aug. 23; Serial No. 397,389; published June 14, 1938.
Soundboards. Steinway & Sons. 359,620; Aug. 23.

CLASS 38

Art, Works of. Soby Studio. 359,530; Aug. 23; Serial No. 403,020; published June 7, 1938.
Cartoons, Newspaper. Esquire Features, Inc. 359,476; Aug. 23; Serial No. 393,026; published June 7, 1938.
Decalcomanias. Meyercord Company. 359,544; Aug. 23; Serial No. 403,776; published June 7, 1938.
Magazine. L. Stein. 359,577; Aug. 23; Serial No. 404,870; published June 7, 1938.

CLASS 39

Chemises, negligees, panties, etc. Miller Underwear Co. 359,510; Aug. 23; Serial No. 401,443; published May 24, 1938.
Dresses and house-dresses. Modern Manufacturing Co. 359,633; Aug. 23.
Dresses, suits and coats, Girls'. Aronoff, Richling & Fein. 359,619; Aug. 23.
Overcoats and topcoats. Jacob Pollack & Sons. 359,625; Aug. 23.
Shirts, Knitted sport. Norwich Knitting Co. 359,623; Aug. 23.
Shoes. P. Sullivan Shoe Company. 359,550; Aug. 23; Serial No. 404,070; published May 24, 1938.
Shoes for women. National Shoe Corporation. 359,477; Aug. 23; Serial No. 393,181; published May 24, 1938.
Shoes, Ladies' and misses'. H. O. Rondeau Shoe Co. 359,545; Aug. 23; Serial No. 403,786; published May 24, 1938.
Shoes made of leather. E. Meyer. 359,637; Aug. 23.

CLASS 40

Shields, Dress. Atreo Manufacturing Co. 359,643; Aug. 23.

CLASS 42

Chintz and drapery piece goods. Pepperell Manufacturing Company. 359,582; Aug. 23; Serial No. 405,129; published June 14, 1938.
Cotton and rayon piece goods, cotton and rayon blankets, etc. Whittenton Manufacturing Company. 359,615; Aug. 23; Serial No. 405,674; published June 14, 1938.
Cotton piece goods. M. Lowenstein & Sons, Inc. 359,635–6; Aug. 23.
Piece goods of wool. C. M. De Land. 359,594; Aug. 23; Serial No. 405,349; published June 14, 1938.
Piece goods, Knitted textile. Kaylooms Incorporated. 359,456; Aug. 23; Serial No. 386,432; published Mar. 9, 1937.
Pillow cases. Pervel Corporation. 359,605; Aug. 23; Serial No. 405,523; published June 14, 1938.
Sheets, pillow cases, towels, etc., Bed. Buckley, Newhall Company. 359,592; Aug. 23; Serial No. 405,340; published June 14, 1938.
Silk piece goods. Stern & Stern Textile Importers, Inc. 359,614; Aug. 23; Serial No. 405,673; published June 14, 1938.
Woolen piece goods. Carlton Mills Co. 359,593; Aug. 23; Serial No. 405,344; published June 14, 1938.

CLASS 44

Instrument used in the spraying of dental models. Coe Laboratories, Inc. 359,532; Aug. 23; Serial No. 403,117; published June 14, 1938.
Therapeutic lamps. Ultrad Products, Inc. 359,489; Aug. 23; Serial No. 398,181; published Dec. 7, 1937.
Vibrators, Electric. F. H. Newton. 359,459; Aug. 23; Serial No. 388,406; published June 14, 1938.

CLASS 45

Beverage. L. J. Bradford. 359,519; Aug. 23; Serial No. 402,362; published June 14, 1938.
Beverages, and sirups and extracts for making same, Maltless. D. Miller. 359,505; Aug. 23; Serial No. 400,849; published Feb. 15, 1938.
Drink, Carbonate. Montreal Orange Bottling Company Limited. 359,609; Aug. 23; Serial No. 405,563; published June 14, 1938.

CLASS 46

Baking soda. Church & Dwight Co. Inc. 359,513–6; Aug. 23; Serial Nos. 401,765–8; published June 14, 1938.
Candy. Imperial Candy Co. 359,608; Aug. 22; Serial No. 405,555; published June 14, 1938.
Canned chicken. E. W. J. Hearty, Inc. 359,538; Aug. 23; Serial No. 403,454; published June 14, 1938.
Canned chicken, canned turkey, etc. E. W. J. Hearty, Inc. 359,537; Aug. 23; Serial No. 403,453; published June 14, 1938.
Canned citrus juices. Desert Citrus Products Association. 359,575; Aug. 23; Serial No. 404,835; published June 14, 1938.
Canned crab-meat. Red Line Commercial Company. 359,446; Aug. 23; Serial No. 363,822; published June 14, 1938.
Canned dog food. R. E. Roberts. 359,475; Aug. 23; Serial No. 392,733; published June 29, 1937.
Canned fruits and canned vegetables. Shannon & Engle, Inc. 359,626–7; Aug. 23.
Canned fruits and canned vegetables, coffee, etc. W. J. Salus. 359,461; Aug. 23; Serial No. 389,750; published June 14, 1938.
Canned grapefruit juice. Christensen Products Corporation. 359,479; Aug. 23; Serial No. 395,282; published June 14, 1938.
Canned vegetables. Arthur Canneries, Inc. 359,508; Aug. 23; Serial No. 401,174; published June 14, 1938.
Canned vegetables. Arthur Canneries, Inc. 359,509; Aug. 23; Serial No. 401,232; published June 14, 1938.
Canned vegetables, canned fruits, canned fruit juices, etc. Grocers Service Corporation. 359,604; Aug. 23; Serial No. 405,504; published June 14, 1938.
Chocolate flavored powder. Whitson Products Co. 359,568; Aug. 23; Serial No. 404,733; published June 14, 1938.
Coffee. John Hansen & Sons. 359,454; Aug. 23; Serial No. 386,107; published Feb. 22, 1938.
Coffee, Green. Leon Israel & Bros., Inc. 359,572–3; Aug. 23; Serial Nos. 404,809–10; published June 14, 1938.
Fish, meat, tea, etc. Aktiebolaget Bröderne Ameln. 359,458; Aug. 23; Serial No. 387,693; published June 14, 1938.
Flour. General Mills, Inc. 359,548; Aug. 23; Serial No. 403,945; published June 14, 1938.
Flour, Wheat. Pillsbury Flour Mills Company. 359,624; Aug. 23.
Food, Prepared dog. J. S. Witkowski. 359,647; Aug. 23.
Fruits, and citrus fruit juices, Fresh citrus. Dr. Pomelo Company. 359,500; Aug. 23; Serial No. 400,089; published Mar. 1, 1938.
Fruits, avocados, papayas, etc., Fresh citrus. Hacienda Flores, Inc. 359,599; Aug. 23; Serial No. 405,442; published June 14, 1938.
Fruits, fresh deciduous fruits, and fresh vegetables, Fresh citrus. Glumarra Bros. 359,536; Aug. 23; Serial No. 403,408; published June 14, 1938.
Honey. E. F. Lane & Son. 359,576; Aug. 23; Serial No. 404,854; published June 14, 1938.
Ice cream, ices, and sherbets. Bettar Ice Cream Co. Incorporated. 359,471; Aug. 23; Serial No. 391,560; published June 14, 1938.
Meats and meat products. Landsbrugsministeriet. 359,465; Aug. 23; Serial No. 390,374; published June 14, 1938.
Milk, Powdered. Universal Milk Company. 359,452; Aug. 23; Serial No. 381,647; published Sept. 8, 1936.
Molasses. Penick & Ford, Ltd. Incorporated. 359,455; Aug. 23; Serial No. 386,316; published Apr. 20, 1937.
Olive oil. F. Bragno. 359,580; Aug. 23; Serial No. 405,056; published June 14, 1938.
Pop corn. American Pop Corn Company. 359,447; Aug. 23; Serial No. 367,331; published June 14, 1938.

Prepared mixture for corn muffins. Flako Products Corporation. 359,562; Aug. 23; Serial No. 404,435; published June 14, 1938.
Salt. International Salt Company. 359,638; Aug. 23.
Yerba mate. Sociedad Anonima Auxiliar Fabril Agricola & Comercial. 359,460; Aug. 23; Serial No. 389,269; published June 14, 1938.

CLASS 47

Champagne. Bloomingdale Bros., Inc. 359,521; Aug. 23; Serial No. 402,506; published June 14, 1938.
Sherry, port, muscatel, claret, etc. Austin, Nichols & Co. 359,546; Aug. 23; Serial No. 403,898; published May 17, 1938.
Wines. Comex Trading Company. 359,540; Aug. 23; Serial No. 403,718; published May 17, 1938.
Wines. Garden Vineyards Winery & Distillery Co. 359,528; Aug. 23; Serial No. 402,856; published May 31, 1938.
Wines. Hearn Department Stores, Inc. 359,571; Aug. 23; Serial No. 404,805; published May 31, 1938.
Wines. Paul Masson Champagne Company. 359,559; Aug. 23; Serial No. 404,318; published June 14, 1938.
Wines. San Gabriel Vineyard Company. 359,517; Aug. 23; Serial No. 402,103; published May 17, 1938.
Wines. A. H. Skjelborg. 359,556; Aug. 23; Serial No. 404,271; published June 7, 1938.

CLASS 48

Beer. Mount Carbon Manufacturing and Supply Company. 359,600; Aug. 23; Serial No. 405,457; published June 14, 1938.
Beer, Lager. Salinas Brewing & Ice Company. 359,601; Aug. 23; Serial No. 405,462; published June 14, 1938.

CLASS 49

Brandy. California Growers Wineries, Inc. 359,444; Aug. 23; Serial No. 356,689; published Nov. 6, 1934.
Rum, whiskey, gin, etc. Glaser Bros. 359,449; Aug. 23; Serial No. 377,503; published June 9, 1936.
Rum, whiskey, gin, etc. Many, Blanc & Co. 359,645; Aug. 23.
Whiskey. Bon-Ton, Incorporated. 359,644; Aug. 23.
Whiskey. National Distillers Products Corporation. 359,649–50; Aug. 23.
Whiskey. Paramount Distilling Corporation. 359,646; Aug. 23.
Whiskey. Rathjen Bros., Inc. 359,483; Aug. 23; Serial No. 396,724; published Oct. 26, 1937.
Whiskey, Blended. American Distilling Company. 359,469; Aug. 23; Serial No. 391,261; published June 29, 1937.

LIST OF LABELS

Bathasweet. For Preparation for the Bath. C. S. Welch Company. 51,667; Aug. 23.
Bingo. For Chewing Gum. Gumakers of America, Inc. 51,658; Aug. 23.
Bond—Guaranteed Fresh. For Bread. General Baking Company. 51,656–7; Aug. 23.
Ciobana B–9. For Supplemental Food with Vitamins B_1 and B_2. Anabolic Food Products, Inc. 51,649; Aug. 23.
Clamp Nail Mitr-Tites. For Miter Joint Fasteners. Clamp Nail Company. 51,653; Aug. 23.
Clamp Nail Tite-Mitr. For Miter Joint Fasteners. Clamp Nail Company. 51,654; Aug. 23.
Debus Wheat Blo-Nups for Youths and Grown-Ups. For Prepared Wheat in Puffed or Exploded Form. Debus Corporation. 51,655; Aug. 23.
German Club Brand. For Pilsener Beer. Lockport Brewing Co. 51,659; Aug. 23.
Linda. For Odorless Sterilizer and Deodorant. G. Canale. 51,652; Aug. 23.
N R G. For Bread. Purity Baking Company Limited. 51,666; Aug. 23.
Old German Brand. For Beer. D. G. Yuengling & Son, Inc. 51,668; Aug. 23.
Ritz. For Beer. Pointer Brewing Co. 51,665; Aug. 23.
Shurfine (Corned Beef). For Compressed Cooked Corned Beef. National Retailer-Owned Grocers, Inc. 51,664; Aug. 23.
Shurfine (Paprika). For Paprika. National Retailer-Owned Grocers, Inc. 51,662; Aug. 23.
Shurfine (Strained Spinach). For Strained Spinach. National Retailer-Owned Grocers, Inc. 51,663; Aug. 23.
Sincerity. For Peaches. Banner Wholesale Grocers, Inc. 51,651; Aug. 23.
Sincerity. For Peas. Banner Wholesale Grocers, Inc. 51,650; Aug. 23.
V 1. For Vegetable Extracts, Iron Peptonate and Other Ingredients Used as a Stomach Stimulant, Etc. Morton Medicine Company. 51,661; Aug. 23.
V–8 Cocktail. For Blend of 8 Vegetable Juices. Loudon Packing Company. 51,660; Aug. 23.

LIST OF PRINTS

A Cordial Welcome to You All! Ad. No. 989. For Beer. Premier-Pabst Sales Co. 17,014; Aug. 23.
Arthur H Allen Featuring California Fun Togs. For Sports Clothes. A. H. Allen. 17,012; Aug. 23.
Tenderets and Tenderet Combinations. For a Machine for Processing Meats. Tenderet Corporation. 17,015; Aug. 23.
You get More out of Hampden. For Ale and Beer. Hampden Brewing Company. 17,013; Aug. 23.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 23D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Metals & Controls Corporation. (See Spencer, John A., assignor.)
Rabe, Karl, Stuttgart, Germany, assignor to A. Rosenberger, Paris, France. Drawing instrument. Re. 20,834; Aug. 23.
Rosenberger, Adolf. (See Rabe, Karl, assignor.)
Spencer, John A., Newtonville, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Thermostatically controlled device. Re. 20,835; Aug. 23.

LIST OF PLANT PATENTEES

Fair, Robert W., Tyler, Tex. Peach tree. 283; Aug. 23.
Gaujard, Jean, Feyzin, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 284; Aug. 23.
Jackson & Perkins Company. (See Gaujard, Jean, assignor.)
Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)
Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 285; Aug. 23.

LIST OF DESIGN PATENTEES

Acme Shear Company, The. (See Lincoln, Alden A., assignor.)
Allen, Charles H., Philadelphia, Pa. Combined radio and lamp. 110,991; Aug. 23.
Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 110,992; Aug. 23.
Altorfer, Henry W., Peoria, Ill. Combined washing machine and drier. 110,993; Aug. 23.
Altorfer, Henry W., Peoria, Ill. Combined washing machine and drier. 110,994; Aug. 23.
Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
Arden, Elizabeth, Inc. (See Lewis, Florence N., assignor.)
Balmer, John H., Trenton, N. J. Combination soap holder and grab rail. 110,952; Aug. 23.
Bargen, William J., Waukegan, Ill. Combined desk and chair. 110,953; Aug. 23.
Barrett, Gerald S., Park Royal, Acton, London, assignor to The General Electric Company Limited, London, England. Projection lamp for use in cinema studios. 110,954; Aug. 23.
Bellem, Lewis S., Jr., assignor to Coto-Coil Co., Inc., Providence, R. I. Hand control for radio and like apparatus. 110,995; Aug. 23.
Berman, Israel, New York, N. Y. Slipper. 110,955; Aug. 23.
Berman, Israel, New York, N. Y. Slipper. 110,956; Aug. 23.
Bloch, Leon, assignor to The Globe Valve Corporation, Cleveland, Ohio. Combined faucet and soap dish. 111,011; Aug. 23.
Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,012; Aug. 23.
Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,013; Aug. 23.
Carnicelli, Anthony, New York, N. Y. Coat. 111,014; Aug. 23.
Century Lighting, Inc. (See Levy, Joseph, assignor.)
Chisholm, Ralph L., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Lay figure. 110,957; Aug. 23.
Cohen, Arthur, New York, N. Y. Dress. 111,036; Aug. 23.
Coleman, Tora, New York, N. Y. Dress. 111,015; Aug. 23.
Coplin, David, New York, N. Y. Coat. 110,958; Aug. 23.
Coto-Coil Co. (See Bellem, Lewis S., Jr., assignor.)
Curtiss, George E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,016; Aug. 23.
Decker, Louise, New York, N. Y. Dress. 111,017; Aug. 23.
Decker, Louise, New York, N. Y. Dress. 111,018; Aug. 23.
De Seversky, Alexander P., Asharoken Beach, Northport, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft. 111,040; Aug. 23.
De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft. 111,041; Aug. 23.
De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft. 111,042; Aug. 23.
De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Airplane. 111,043; Aug. 23.
Dickie, Alexander M. (See Knox, C., and Dickie.)
Dublirer, Jacob, New York, N. Y. Dress. 111,037; Aug. 23.
Dublirer, Jacob, New York, N. Y. Dress. 111,038; Aug. 23.
Dulany, Helen H., Chicago, Ill., assignor to Edison General Electric Appliance Company, Inc. Cooker pail. 111,019; Aug. 23.
Dunlop Tire and Rubber Corporation. (See Hardeman, William E., assignor.)
Dunzweiler, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Hydrometer syringe. 110,959; Aug. 23.
Duro Metal Products Company. (See Hosford, William R., assignor.)
Edison General Electric Appliance Company. (See Dulany, Helen H., assignor.)
Eltinger, Joseph, New York, N. Y. Decorative nail. 111,020; Aug. 23.
Eltinger, Joseph, New York, N. Y. Decorative nail. 111,021; Aug. 23.
Enterprise Manufacturing Company of Pennsylvania, The. (See Van Doren, Harold, assignor.)
Epstein, Sylvia, New York, N. Y. Dress. 111,022; Aug. 23.
Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Truck body for litter carrier or the like. 110,996; General Beverage Corporation. (See Rzadkowolski, Anthony, assignor.)
General Electric Company. (See Knox, C., and Dickie, assignors.)
General Electric Company Limited, The. (See Barrett, Gerald S., assignor.)
Gilbert, Dave, New York, N. Y. Shoe. 110,960; Aug. 23.
Globe Machine & Stamping Company, The. (See Rideout, John G., assignor.)
Globe Valve Corporation, The. (See Block, Leon, assignor.)
Goldman, Harry M., New York, N. Y. Textile fabric. 110,961; Aug. 23.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,962; Aug. 23.
Goldman, Harry M., New York, N. Y. Textile fabric. 110,963; Aug. 23.
Goldman, Harry M., New York, N. Y. Textile fabric. 111,044; Aug. 23.
Goldman, Harry M., New York, N. Y. Textile fabric. 111,045; Aug. 23.
Goodman, Morris, Indianapolis, Ind. Ring. 110,997; Aug. 23.
Goodman, Morris, Indianapolis, Ind. Finger ring. 111,023; Aug. 23.
Goodman, Morris, Indianapolis, Ind. Initial ring. 111,024; Aug. 23.
Guerlain Perfumery Corporation of Delaware. (See Guerlain, Raymond, assignor.)

Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Box. 111,025; Aug. 23.
Guhl, Maclyn, New York, N. Y. Tinsel textile fabric. 110,964; Aug. 23.
Hardeman, William E., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 110,965; Aug. 23.
Helm, Jacques, Paris, France. Textile fabric or similar article. 111,054; Aug. 23.
Hosford, William R., assignor to Duro Metal Products Company, Chicago, Ill. Combination tool. 111,026; Aug. 23.
Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron or similar article. 110,998; Aug. 23.
Johnson, Lawrence N., Chicago, Ill. Combination comb and curler. 110,999; Aug. 23.
Kaufman, Benjamin M., New York, N. Y. Textile fabric. 110,966; Aug. 23.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron or similar article. 111,046; Aug. 23.
Knapp-Monarch Company. (See Huffman, Russell I., assignor.)
Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
Knipple, Gordon W., Chicago, Ill., and N. L. Mercer, Marengo, Iowa. Package dispenser. 110,967; Aug. 23.
Knox, Clifford, and A. M. Dickie, Ontario, Calif., assignors to General Electric Company. Electric heater. 111,000; Aug. 23.
Kozminski, John T. (See Underwood, Chester R., assignor.)
Lavallee, Eugene V., Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Electrical switch or the like. 111,047; Aug. 23.
Leisen, Frederic A., Detroit, assignor to Oak Screw Products Company, Hillsdale, Mich. Illuminable hand mirror. 110,968; Aug. 23.
Leisen, Frederic A., Detroit, assignor to Oak Screw Products Company, Hillsdale, Mich. Illuminable hand mirror. 110,969; Aug. 23.
Leto, Frank, New York, N. Y. Coat. 110,970; Aug. 23.
Levin, Benjamin E., Lynn, and R. A. Winchenbaugh, Hyde Park, Boston, Mass. Display booth or similar article. 111,048; Aug. 23.
Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Lighting fixture lens or the like article. 110,972; Aug. 23.
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Cake of soap. 110,971; Aug. 23.
Lincoln, Alden A., assignor to The Acme Shear Company, Bridgeport, Conn. Shears. 111,027; Aug. 23.
Marcus, Nathan, New York, N. Y. Textile fabric or similar article. 111,049; Aug. 23.
Marcus, Nathan, New York, N. Y. Textile fabric or similar article. 111,050; Aug. 23.
McCabe, John J., Euclid, Ohio. Washing machine tub. 110,974; Aug. 23.
McCabe, John J., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine tub. 110,973; Aug. 23.
Megibow, George, New York, N. Y. Textile fabric. 111,055; Aug. 23.
Mercer, Nathan L. (See Knipple, G. W., and Mercer.)
Michelson, Margaret, New York, N. Y. Dress. 111,028; Aug. 23.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Water heater. 111,001; Aug. 23.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Insulated receptacle for food or liquid. 111,029; Aug. 23.
Mueller, Louis F., Buffalo, N. Y. Toy airplane. 110,975; Aug. 23.
Niagara Falls Wire Stitchers, Inc. (See Sims, W. O., and Rodda, assignors.)
Norton, Robert A., Chatham, N. J. Floral display stand. 110,976; Aug. 23.
Oak Screw Products Company. (See Leisen, Frederic A., assignor.)
Ox Fibre Brush Company. (See Paisley, Ray A., assignor.)
Ox Fibre Brush Company. (See Partridge, M. H., and Weitzel, assignors.)
Paisley, Ray A., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Clothes brush. 111,002; Aug. 23.
Parco Lighting Equipment Co. (See Parlato, Peter, assignor.)
Parlato, Peter, Astoria, assignor to Parco Lighting Equipment Co., Inc., New York, N. Y. Lighting fixture body. 110,977; Aug. 23.
Parrelli, Benjamin F., Jr., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 110,978; Aug. 23.
Partridge, Melvin H., New Rochelle, N. Y., and F. W. Weitzel, Frederick, Md., assignors to Ox Fibre Brush Company, Inc., New York, N. Y. Brush or the like. 111,003; Aug. 23.
Penn Electric Switch Co. (See Lavallee, Eugene V., assignor.)
Pichel, Irving, New York, N. Y. Handbag. 111,030; Aug. 23.
Picirilli, Joseph, New York, N. Y. Embroidered fabric. 110,979; Aug. 23.
Reardon, William H., Newark, N. J. Inclinometer or the like. 110,980; Aug. 23.
Reineman, Bernard, New York, N. Y. Fur topper. 111,051; Aug. 23.
Rideout, John G., assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Space heater. 111,004; Aug. 23.
Robinson, Joseph, New York, N. Y. Electric vaporizer. 110,981; Aug. 23.
Rodda, Edward J. (See Sims, W. O., and Rodda.)
Rzadkowolski, Anthony, assignor to General Beverage Corporation, Detroit, Mich. Bottle. 111,031; Aug. 23.
Salomon, Irving, Chicago, Ill. Chair. 111,032; Aug. 23.
Schulz, Arthur P. (See Teller, J., and Schulz.)
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)
Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,982; Aug. 23.
Silverman, Jacob A., New York, N. Y. Coat. 110,983; Aug. 23.
Silverman, Jacob A., New York, N. Y. Coat. 110,984; Aug. 23.
Sims, William O., and E. J. Rodda, assignors to Niagara Falls Wire Stitchers, Inc., Niagara Falls, N. Y. Wire stitching machine. 110,985; Aug. 23.
Smith, Earle R., Alhambra, Calif., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Carpet sweeper. 111,033; Aug. 23.
Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Power driven hand tool unit. 111,005; Aug. 23.
Starline Inc. (See Ferris, Robert G., assignor.)
Stricker, Ethel E., New York, N. Y. Negligee. 110,986; Aug. 23.
Teller, G. & J. (See Teller, J., and Schulz, assignors.)
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 110,987; Aug. 23.
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,006; Aug. 23.
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,007; Aug. 23.
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,008; Aug. 23.
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,009; Aug. 23.
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,010; Aug. 23.
Ternstedt Manufacturing Company. (See Carlson, Eric S., assignor.)
Ternstedt Manufacturing Company. (See Curtiss, George E., assignor.)
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,056; Aug. 23.
Underwood, Chester R., Jackson, Miss., assignor to J. T. Kozminski, Cleveland, Ohio. Jar. 111,034; Aug. 23.
Underwood, Chester R., Jackson, Miss., assignor to John T. Kozminski, Cleveland, Ohio. Jar. 111,035; Aug. 23.
United Shoe Machinery Corporation. (See Parrelli, Benjamin F., Jr., assignor.)
Universal Winding Company. (See Chisholm, Ralph L., assignor.)
Van Doren, Harold, Toledo, Ohio, assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Coffee mill. 110,988; Aug. 23.
Van Doren, Harold, Toledo, Ohio, assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food cutter. 110,989; Aug. 23.
Wagner, E. R., Manufacturing Company. (See Smith, Earle R., assignor.)
Weitzel, Frederick W. (See Partridge, M. H., and Weitzel.)
Willard Storage Battery Company. (See Dunzweiler, Carl J., assignor.)
Winchenbaugh, Roy A. (See Levin, B. E., and Winchenbaugh.)
Wise, Lawrence, Brooklyn, N. Y. Alphabet for monograms. 111,052; Aug. 23.
Yost, Frederick R., York, Pa. Collar clasp. 110,990; Aug. 23.
Zahn, Samuel, New York, N. Y. Dress. 111,039; Aug. 23.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 111,053; Aug. 23.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 23D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Adams, Elmer W., Hammond, Ind., and F. H. MacLaren, Calumet City, assignors to Standard Oil Company, Chicago, Ill. High tensile strength wax. 2,127,668; Aug. 23.
Adams, Ralph S., Charleston, W. Va. Stop light switch. 2,127,669; Aug. 23.
Adamson, Lee H., West Los Angeles, Calif. Field marker. 2,127,852; Aug. 23.
"Afag" Finanzierungs, A. G. (See Sindl, O., and Frank.)
Agger, Jens. (See Northup, H. L., and Agger.)
Aggers, Walter B., Coalinga, Calif. Pipe and tubing rack. 2,127,492; Aug 23.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor lubricator. 2,128,065; Aug. 23.
Air Reduction Company. (See McKiernan, James D., assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway locomotive. 2,128,066; Aug. 23.
Alderman, Eugene R., South Hadley, Mass. Warping machine. 2,127,803; Aug. 23.
Alimaras, Constantine, New York, N. Y. Apparatus for controlling vehicular traffic by radio. 2,128,067; Aug. 23.
Allen, Harry B., Highland Park, Mich. Metal suction tip. 2,128,200; Aug. 23.
Allen, William W. (See Mills, L. E., and Allen.)
Allison, Harvey M. (See Bath, S. W., and Allison.)
Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor implement. 2,127,579; Aug. 23.
Aluminum Colors Incorporated. (See Pettit, Ralph E., assignor.)
Aluminum Company of America. (See Derr, R. B., and Stere, assignors.)
Aluminum Company of America. (See Willard, John R., assignor.)
American Asbestos Co. Inc. (See Webster, M. M., and Finck, assignors.)
American Automatic Devices Co. (See Kondrath, Andrew D., assignor.)
American Bemberg Corporation. (See Ostermann, Walter, assignor.)
American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)
American Lurgi Corporation. (See Brücke, Otto, assignor.)
American Lurgi Corporation. (See Göhre, K. R., Schwalb and Speichert, assignors.)
American Propeller Company, The. (See Heath, Spencer, assignor.)
American Radiator Company. (See Walker, William K., assignor.)
American Rock Wool Corporation. (See Luery, Michael, assignor.)
American Sales Book Company. (See Sheppard, J. F., Manuel and Pringle, assignors.)
American Sheet and Tin Plate Company. (See Graf, J. E. and Lamoree, assignors.)
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Windshield wiper arm. 2,128,068; Aug. 23.
Andres, William J. (See Sanford, R. S., and Andres.)
Anglo-Iranian Oil Company. (See Dunstan, Albert E., assignor.)
Arms, Leland J., San Francisco, Calif. Soap holder and applicator. 2,127,901; Aug. 23.
Ashby, Francis C., assignor to Frank Ashby and Sons Limited, Birmingham, England. Steering wheel. 2,128,069; Aug. 23.
Ashby, Frank, and Sons Limited. (See Ashby, Francis C., assignor.)
Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
Aston, Robert J, Pittsburgh, Pa. Washboard. 2,127,800; Aug. 23.
Austin, Bascum O., Forest Hills, and N. H. Willby, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,128,034; Aug. 23.
Austin, Harry M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Expansion joint. 2,127,853; Aug. 23.
Awbrey, Samuel C., Kansas City, Mo. Dividing bar. 2,127,709; Aug. 23.
Axtmann, Harold G. (See Horn, H. J., and Axtmann.)
Backus, Thomas, Jr., Youngstown, Ohio. Delivery skid for piling. 2,127,670; Aug. 23.
Baer, John M., assignor to The Guardite Corporation. Fumigation. 2,128,175; Aug. 23.
Bahls, Walter E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,128,070; Aug. 23.
Bailey Meter Company. (See Ryder, John D., assignor.)
Bailey, Robert L., Glendale, Calif. Rotary steam engine. 2,127,968; Aug. 23.
Baker, Ralph B., Mount Prospect, Ill. Furniture construction. 2,127,710; Aug. 23.
Baldauf, Arthur J., Highland Park, Ill. Holder for proofreading. 2,127,711; Aug. 23.
Ballard, Howard A., Napa, Calif. Poultry feeder. 2,127,804; Aug. 23.
Ballard, Roscoe F. (See Warner, A. W., and Ballard.)
Barber-Colman Company. (See Peterson, Burt A., assignor.)
Barlow, William H., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Connecter. 2,128,112; Aug. 23.
Barnes, William B., Indianapolis, Ind. Overdrive with sun gear release. 2,127,637; Aug. 23.
Barrett Company, The. (See Miller, Stuart P., assignor.)
Barron, Charles A. and H. D., Preston, England. Wire-drawing machine. 2,127,989; Aug. 23.
Barron, Herbert D. (See Barron, Charles A. and H. D.)
Bart, Blasius, East Orange, N. J. High pressure tank. 2,127,712; Aug. 23.
Bartholowsky, Johannes, Los Angeles, Calif. Extensible camping trailer. 2,127,580; Aug. 23.
Bast, Frank J., deceased, by K. Bast, executrix, Queens Village, New York, and R. A. F. Sandberg, Brooklyn, assignors to C. J. Tagliabue Mfg. Co., Brooklyn, N. Y. Apparatus for maintaining selected differential values. 2,128,176; Aug. 23.
Bast, Katherine, executrix. (See Bast, Frank J., and Sandberg.)
Baruch, Milton, Los Angeles, and R. E. Phillips, Viewpark, Calif. Air conditioning apparatus. 2,127,581; Aug. 23.
Baruch, Milton, Los Angeles, and R. E. Phillips, Viewpark, Calif. Air conditioning method. 2,127,582; Aug. 23.
Bath, John, & Company. (See Bath, S. W., and Allison, assignors.)
Bath, Stanley W., Shrewsbury, and H. M. Allison, assignors to John Bath & Company, Worcester, Mass. Self-adjusting spindle bearing. 2,127,854; Aug. 23.
Batten, Percy H., and H. J. Dunkelow, assignors to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,127,713; Aug. 23.
Battle, Harold P., New Rochelle, N. Y., assignor of one-fourth to J. S. Hargrove. Game table. 2,127,805; Aug. 23.
Bauer, Karl, Frankfort-on-the-Main, and F. Pressel and H. Medweth, Rheinfelden/Baden, assignors to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Stable oxygen-yielding washing powder. 2,128,113; Aug. 23.
Baumann, Carl A., Jr., Clairton, Pa. Protecting the sides of craft. 2,127,671; Aug. 23.
Baumgratz, Ernst, F. Kratz, and H. Steinhart, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Power-operated tool. 2,127,855; Aug. 23.
Beck, George, Irvington, N. J. Fish lure. 2,127,761; Aug. 23.
Beckette, Edmund S. (See Pflager, H. M., and Beckette.)
Beckman, Fred G. (See Grant, Claude B., assignor.)
Behrens, Herbert C. (See Schmidt, G. H., and Behrens.)
Behringer, Karl, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of improved wax emulsions. 2,128,025; Aug. 23.
Belluche, Frank R., Racine, Wis. Sheet feeding machine. 2,127,714; Aug. 23.
Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
Bendix Aviation Corporation. (See Dodge, Adiel Y., assignor.)
Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)
Bendix Aviation Corporation. (See Reichel, W. A., and Ketay, assignors.)
Bendix Aviation Corporation. (See Rylsky, Gregory V., assignor.)
Bendix Brake Company. (See La Brie, Ludger E., assignor.)
Bendix Products Corporation. (See Dalrymple, William P., assignor.)

Bendix Products Corporation. (See Goepfrich, Rudolph A., assignor.)
Bendix Products Corporation. (See Hunt, Scott F., assignor.)
Bendix Products Corporation. (See La Brie, Ludger, E., assignor.)
Bendix Products Corporation. (See Linthwaite, Owen C., assignor.)
Bendix Products Corporation. (See Price, Harold W., and E. R., assignors.)
Bendix Products Corporation. (See Roche, Clifton, assignor.)
Bendix Products Corporation. (See Rosenberg, Ralph H., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, R. S., and Andres, assignors.)
Benedetti, Felix, Clifton, N. J. Bottle holder. 2,128,114; Aug. 23.
Benedetto, Giuseppe D. M., Barnes, London, England. Electric forging. 2,127,625; Aug. 23.
Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Static and dynamic wheel balance tester. 2,127,950; Aug. 23.
Bentz, George B., New York, N. Y. Bathtub seat attachment. 2,127,762; Aug. 23.
Bentz, George B., New York, N. Y. Garment. 2,127,763; Aug. 23.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding head for reciprocating or shaker conveyers. 2,127,902; Aug. 23.
Bien, Israel, San Francisco, Calif. Sharpener. 2,128,115; Aug. 23.
Bird & Son, Inc. (See Reynolds, Frank P., assignor.)
Bischoff, Robert, assignor to S. Morgan Smith Company, York, Pa. Valve. 2,128,071; Aug. 23.
Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,127,951; Aug. 23.
Block, Louis, assignor to Blockson Chemical Co., Joliet, Ill. Purifying lime. 2,127,626; Aug. 23.
Blockson Chemical Co. (See Block, Louis, assignor.)
Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,127,856; Aug. 23.
Bockmühl, Max, W. Ludwig, and P. von Mutzenbecher, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing compounds of azoproteins with heavy metals. 2,128,201; Aug. 23.
Bockmühl, Max, W. Ludwig, and P. von Mutzenbecher, Franfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc, New York, N. Y. Preparing compounds of azoproteins with antimony. 2,128,202; Aug. 23.
Boetel, Harold J., Chicago, Ill. Collapsible tube or container. 2,128,035; Aug. 23.
Bold, John W. (See Ryan, W. M., and Bold.)
Bond, William G., Wilmington, Del. Extruding machine. 2,127,857; Aug. 23.
Bonner, Ernest N., Detroit, Mich. Spray head. 2,127,715; Aug. 23.
Boone, Arthur J., Jackson, Mich. Quick change punch and punch holder. 2,128,116; Aug. 23.
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Baumgratz, E., Kratz, and Steinhart, assignors.)
Bouchard, Blanche E. (See Du Grenier, Francis C., assignor.)
Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,127,672; Aug. 23.
Bowen, Arthur, Los Angeles, Calif., assignor to Davis & Geck, Inc., Brooklyn, N. Y. Tube for surgical purposes and preparing and using the same. 2,127,903; Aug. 23.
Boyle, James F., Teaneck, and E. F. Glover, West New York, N. J. Treating containers. 2,127,548; Aug. 23.
Braband, Carl, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Arc discharge apparatus. 2,128,117; Aug. 23.
Brandwein, A., & Co. (See Schindler, Frank N., assignor.)
Brandwood, Joseph, Southport, England. Treatment of Textile materials. 2,127,638; Aug. 23.
Braren, Cornelius I. (See Kimball, W. D., Braren, and Schaefer.)
Brassert, H. A., & Company. (See Kinney, S. P., and Dougan, assignors.)
Brecht, Winston A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway locomotive. 2,128,072; Aug. 23.
Breuer, John E., Great Neck, N. Y. Fish plug. 2,127,639; Aug. 23.
Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
Briggs Manufacturing Company. (See Graf, Vincent J., assignor.)
Briggs Manufacturing Company. (See Schwenke, Victor G., assignor.)
British Rubber Producers Research Association, The. (See Stevens, H. P., and Dyer, assignors.)
Brogdex Company. (See Hampton, William M., assignor.)
Brooks, Henry M., et al, trustees. (See Peltz, Gordon M., assignor.)
Browder, Lewis M., East Columbus, Ohio. Safety switch. 2,127,764; Aug. 23.
Brown, Morris, La Grange, and A. M. Wagner, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Chromium plating. 2,127,640; Aug. 23.
Brown and Sharpe Manufacturing Company. (See Maglott, George F., assignor.)
Brown, William H., et al. (See Saracco, Peter, assignor.)
Browning, J. M. & M. S., Company. (See Browning, Marriner A., assignor.)
Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,127,838; Aug. 23.
Brücke, Otto, Hochspeyer, Germany, assignor to American Lurgi Corporation, New York, N. Y. Hydrogenating fatty acids. 2,127,716; Aug. 23.
Brush, Corning S. (See Monnier, J. A., and Brush.)
Bryan, Thomas E., Oklahoma City, Okla. Fluid producing apparatus. 2,128,073; Aug. 23.
Bryan, Thomas E., Oklahoma City, Okla. Well flowing apparatus. 2,128,074; Aug. 23.
Bryant, Roy B., Dallas, Tex. Razor. 2,127,717; Aug. 23.
Buckeye Traction Ditcher Company, The. (See Miller, George E., assignor.)
Budzyna, Walter J., East Douglas, assignor to Draper Corporation, Hopedale, Mass. Cloth roll drive. 2,127,659; Aug. 23.
Buffalo Bolt Company. (See Jones, Harry B., assignor.)
Burford, Samuel D., Wellsville, Ohio. Combined holder and drainer device. 2,128,118; Aug. 23.
Burgess, Robert T., Holden, W. Va. Lock. 2,127,583; Aug. 23.
Burnell Laboratory Company. (See Fuchs, Charles A., assignor.)
Burnell Laboratory Company. (See Hausman, Walter J., assignor.)
Burnell Laboratory Company. (See Reppert, Richard v, assignor.)
Burt, Jack F., Valparaiso, Ind. Flexible corner bead. 2,127,806; Aug. 23.
Butler, George P., Jr., Mount Kisco, N. Y. Ski press. 2,128,036; Aug. 23.
Callsen, Albert, Stuttgart-Botnang, Germany, assignor to Robert Bosch Gesellschaft mit-beschrankter Haftung. Starting apparatus for internal combustion engines. 2,128,026; Aug. 23.
Cambridge Rubber Co. (See Dunbar, Ernest W., assignor.)
Cambridge Rubber Co. (See Reynolds, Charles E., assignor.)
Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Movement restraining means. 2,128,037; Aug. 23.
Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,127,990; Aug. 23.
Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,127,991; Aug. 23.
Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,128,038; Aug. 23.
Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Indicating instrument. 2,127,807; Aug. 23.
Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Separable interlocking fastener and making the same. 2,127,839; Aug. 23.
Carter, Ernest, Melrose Highlands, Mass. Window fastener. 2,127,992; Aug. 23.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Apparatus for burning pulverized fuel. 2,128,177; Aug. 23.
Carter, Richard S., Hutchinson, Kans. Front wheel drive for automobiles. 2,128,119; Aug. 23.
Carty, Roy F., Washington, D. C. Commutator. 2,127,549; Aug. 23.
Casciani, Ferri, assignor to Niagara Alkali Company, Niagara Falls, N. Y. Bleaching pulp. 2,127,765; Aug. 23.
Casco Products Corporation. (See Cochrane, Bert G., assignor.)
Case, Newell B. (See Iversen, R. M., and Case.)
Casse, Joseph E. (See Graham, M. P., Hufferd, and Casse.)
Celanese Corporation of America. (See Dreyfus, C. and Whitehead, assignors.)
Celanese Corporation of America. (See Whitehead, William, assignor.)
Chain Belt Company. (See Hilkemeier, Louis G., assignor.)
Chamberlin, Dale S., Bethlehem, Pa., assignor to Warwick Chemical Co., West Warwick, R. I. Composition and process for soaking silk and textile materials. 2,127,904; Aug. 23.
Chandler & Price Company, The. (See Jirousek, Joseph F., assignor.)
Chemische Fabrik Grünau, Landshoff & Meyer A. G. (See Jablonski, L., and Lindner, assignors.)
Chemische Fabrik Stockhausen & Cie. (See Cremer, Konrad, assignor.)
Chicago Apparatus Company. (See Grainger, Herbert H., assignor.)
Chicago Rawhide Manufacturing Company. (See Northup, H. L. and Agger, assignors.)

Choate, Parker C., Essex, Mass. Making reacted plaster. 2,127,952; Aug. 23.
Christensen, Anton, West Brighton, Staten Island, N. Y. Crank pin lathe. 2,127,584; Aug. 23.
Christensen, Norman V., and C. F. Rubel, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,128,120; Aug. 23.
Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,127,673; Aug. 23.
Chrysler Corporation. (See Stromquist, V. B. and Dunn, assignors.)
Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 2,127,840; Aug. 23.
Ciba Products Corporation. (See Sutter, Theodor, assignor.)
Cibulka, Alois, Baytown, Tex., assignor to Standard Oil Development Company. Pressure relief valve. 2,128,039; Aug. 23.
Clark, Arthur M. (See Tyrer, D., and Clark.)
Clark, Arthur M., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Recovery of sulphur dioxide from gas mixtures. 2,128,027; Aug. 23.
Clarke, Dumont, Asheville, N. C. Spade-handle massaging device. 2,127,674; Aug. 23.
Clarkson, Richard G., Wilmington, Del., and C. G. Wolff, Pennsgrove, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor fuel stabilization. 2,128,075; Aug. 23.
Clements Mfg. Co. (See Clements, William J., assignor.)
Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Electric bulb socket. 2,127,675; Aug. 23.
Cloud, Claude C., Chicago, Ill. Paper novelty. 2,127,808; Aug. 23.
Cloud, William S., Wilmette, Ill. Folding apparatus. 2,128,076; Aug. 23.
Cocanour, John B., San Jose, Calif. Compressor. 2,127,550; Aug. 23.
Cochrane, Bert G., Chicago, Ill., assignor to Casco Products Corporation, Bridgeport, Conn. Cigar lighter. 2,127,551; Aug. 23.
Coleman, Alfred E., Corvallis, Oreg. Twin finger ring. 2,127,766; Aug. 23.
Coleman, Chester A. (See Morgan, Charles, assignor.)
Coleman, Claude H., Fairmead, Calif. Tempering gold and silver alloys. 2,127,676; Aug. 23.
Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated esters of 2-chloroallyl alcohol. 2,127,660; Aug. 23.
Coleman, James C., Magnet, Manitoba, Canada. Automobile extractor. 2,127,858; Aug. 23.
Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
Colgate-Palmolive-Peet Company. (See Epstein, A. K., and Harris, assignors.)
Colgate-Palmolive-Peet Company. (See Muncie, Fred W., assignor.)
Collin, Francis E., Santa Monica, assignor to A. D. Gage, Pasadena, Calif. Stamp display mount. 2,127,677; Aug. 23.
Columbia Steel Casting Company. (See Tamerlane, Rex L., assignor.)
Compagnie des Avions Hanriot. (See Girard, René, assignor.)
Connelly, Joseph L. (See Staud, C. J., ad Connelly.)
Conners, Michael J., Larchmont, N. Y. Cable connecter for outlet boxes. 2,128,040; Aug. 23.
Continental-Diamond Fibre Company. (See Frederick, Louis T., assignor.)
Craig, Robert F., Stanley, N. C. Treating yarn. 2,128,121; Aug. 23.
Crawford, Robert B. P., Fort Worth, Tex. Air conditioning system for aeroplanes or the like. 2,127,993; Aug. 23.
Cremer, Konrad, assignor to Chemische Fabrik Stockhausen & Cie., Krefeld, Germany. Obtaining high grade sulphuric acid esters. 2,127,641; Aug. 23.
Cross, Arthur W., Keyser, W. Va. Container for pneumatic tube conveyers. 2,127,500; Aug. 23.
Crown Cork & Seal Company. (See Austin, Harry M., assignor.)
Crown Cork & Seal Company. (See Stewart, Robert J., assignor.)
Cüppers, Paul, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Finishing grooved hollow metal bodies. 2,127,809; Aug. 23.
Custer, Clemm T., Martinsburg, W. Va. Rotary cultivator. 2,128,077; Aug. 23.
Dahl, Otto, Berlin-Wilmersdorf, and C. Haase, Mahlsdorf/Sud, Germany, assignors to General Electric Company. Increasing the electric conductivity of tin bronzes. 2,128,122; Aug. 23.
Dahmen, Walter, Pelham, N. Y. Surgical dressing. 2,127,552; Aug. 23.
Dailey, Hiram H., assignor of one-half to F. L. Toepperwein, San Antonio, Tex. Bandage machine. 2,128,123; Aug. 23.
Dall, Horace E., Luton, England, assignor to Leeds and Northrup Company, Philadelphia, Pa. Fluid flow measuring means. 2,127,501; Aug. 23.
Dalrymple, William P., Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Freewheeling mechanism. 2,127,718; Aug. 23.
Dannen, Charles, et al. (See Saracco, Peter, assignor.)
D'Aragon, Paul, Montreal, Quebec, Canada. Treating arsenide and mixtures of arsenide and sulphide ores. 2,127,859; Aug. 23.
Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Decking. 2,127,661; Aug. 23.
Davis & Geck, Inc. (See Bowen, Arthur, assignor.)
Davis, George B., Jr., Washington, D. C. Liquid dispensing device. 2,127,860; Aug. 23.
Davis, James H., and J. C. Lemming, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Briquetting finely divided material. 2,127,994; Aug. 23.
Davis, Robert L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Television system. 2,128,078; Aug. 23.
Dawes, Bailey P., Detroit, Mich. Carburetor. 2,128,079; Aug. 23.
Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing device. 2,128,080; Aug. 23.
Day, Ray E., Detroit, Mich. Piston. 2,127,767; Aug. 23.
Debrie, André L. V. C., Paris, France. Friction driving device. 2,127,768; Aug. 23.
Decker, Edward E., Weymouth, Mass. Radiator vent valve. 2,128,081; Aug. 23.
De Groote, Melvin, University City, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,127,905; Aug. 23.
Delfs, Detlef, and R. Knoche, Leverkusen I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Cupriferous azo dyestuffs. 2,127,678; Aug. 23.
Denig, Fred, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Gas liquor treatment. 2,127,503; Aug. 23.
Derr, Ralph B., Oakmont, and H. B. Stere, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Alumina production. 2,127,504; Aug. 23.
Detrick, M. H., Company. (See Hosbein, Louis H., assignor.)
Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of aminoanthraquinone compounds. 2,128,178; Aug. 23.
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Bauer, K., Pressel, and Medweth, assignors.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Gellendien, Walter, assignor.)
De Weal, Andre, New York, N. Y. Dental film holder. 2,127,502; Aug. 23.
Diebold, Anton, New York, N. Y. Apparatus for cleaning pipes. 2,128,124; Aug. 23.
Dieserud, Helge C., Montclair, N. J., assignor to The National Register Company, Dayton, Ohio. Change making attachment for cash registers. 2,127,642; Aug. 23.
Dietrich, Neff T., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,127,553; Aug. 23.
Dingwerth, William H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Assembling flat plates to shafts. 2,127,969; Aug. 23.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Freight container. 2,127,810; Aug. 23.
Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch mechanism. 2,127,719; Aug. 23.
Dodge, H. B., and Company. (See Pratt, Raymond C., assignor.)
Dorschel, Cyril H., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signal system. 2,128,203; Aug. 23.
Dougan, Charles E. (See Kinney, Selwyne P., and Dougan.)
Dow Chemical Company, The. (See Coleman, G. H., and Hadler, assignors.)
Dow Chemical Company, The. (See Grebe, John J., assignor.)
Dow Chemical Company, The. (See Mills, L. E., and Allen, assignors.)
Dow Chemical Company, The. (See Smith, Frank B., assignor.)
Dowdell, Ralph L., St. Paul, Minn. Ball making machine. 2,127,585; Aug. 23.
Draper Corporation. (See Budzyna, Walter J., assignor.)
Drennan, Harry E., Whittenburg, Tex., assignor to Phillips Petroleum Company. Treating hydrocarbon oils. 2,127,953; Aug. 23.
Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Pile fabric and making the same. 2,127,586; Aug. 23.
Dreyfus, Henry, London, England. Production of textile threads and fabrics. 2,127,554; Aug. 23.
Du Devolre, Henry J., Indianapolis, Ind. Bedspring display rack. 2,127,555; Aug. 23.
Dudley, Edward C., Fresno, Calif. Hydraulic control valve. 2,127,679; Aug. 23.
Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Dispensing machine. 2,128,179; Aug. 23.
Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled apparatus for dispensing machines. 2,128,180; Aug. 23.

Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Dispensing machine. 2,128,181; Aug. 23.
Dukas, James K., Kingston, Pa. Automatic gravity stoker. 2,128,125; Aug. 23.
Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Overshoe. 2,128,204; Aug. 23.
Duncan Electric Manufacturing Company. (See Emens, Albert L., assignor.)
Dunkelow, Henry J. (See Batten, P. H., and Dunkelow.)
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States as represented by the Secretary of Commerce. Radio beam and receiving device for blind landing of aircraft. 2,127,954; Aug. 23.
Dunn, William T. (See Stromquist, V. B., and Dunn.)
Dunstan, Albert E., assignor to Anglo-Iranian Oil Company, Limited, London, England. Polymerization of gaseous olefines. 2,128,126; Aug. 23.
Duplex Printing Press Company. (See Farley, Marcus M., assignor.)
Duplex Printing Press Company. (See Schmidt, G. H., and Behrens, assignors.)
Du Pont, E. I., de Nemours & Company. (See Clarkson, R. G., and Wolff, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)
Du Pont, E. I., de Nemours & Company. (See Herrmann, Carl V., assignor.)
Du Pont, E. I., de Nemours & Company. (See Jacobson, Ralph A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Neal, Arthur M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pardee, Fred W., Jr., assignor.)
Durand, Albert J. M. J., Montargis, France. Frame for agricultural machines and mowing machines comprising this frame. 2,128,082; Aug. 23.
Durex Products, Incorporated. (See Troeller, Grace E., assignor.)
Dyer, Joseph W. W. (See Stevens, H. P., and Dyer.)
Eason, Clarence M., Waukesha, Wis., assignor to Industrial Clutch Company. Forming cone clutch members. 2,127,720; Aug. 23.
Eastman Kodak Company. (See Sheppard, S. E., and Houck, assignors.)
Eastman Kodak Company. (See Staud, C. J., and Conneily, assignors.)
Eastwood-Nealley Corporation. (See Specht, H. G., and Webb, assignors.)
Eaton Manufacturing Company. (See Miller, Clarence W., assignor.)
Eby, Hugh H., assignor to H. H. Eby, Inc., Philadelphia, Pa. Socket. 2,127,556; Aug. 23.
Eby, Hugh H., Inc. (See Eby, Hugh H., assignor.)
Eby, Hugh H., Inc. (See Manley, Lee L., assignor.)
Eckermann, Leo A., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,127,587; Aug. 23.
Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
Eclipse Aviation Corporation. (See Nowosielski, Edward B., assignor.)
Economy Forms Corporation. (See Jennings, William A., assignor.)
Edison General Electric Appliance Company Incorporated. (See McCormick, Francis H., assignor.)
Edison, Thomas A., Incorporated. (See Gramann, Heinrich F. M., assignor.)
Edmondson, William H., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control mechanism. 2,127,680; Aug. 23.
Egry Register Company, The. (See Pfeiffer, William C., assignor.)
Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing lubricating oils. 2,127,811; Aug. 23.
Electric Switch Corporation. (See Staley, Joseph H., assignor.)
Electro-Acoustic Products Co. (See Erwood, Joseph, assignor.)
Electro-Chemical Engineering Corporation. (See Gunderson, Lewis O., assignor.)
Elliott, Roff, Watertown, Mass. Card perforating machine. 2,127,681; Aug. 23.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Wax acid soap and making same. 2,128,083; Aug. 23.
Ellis, Burdick R., Los Angeles, Calif., assignor to H. F. and H. N. Langlois, individually and as copartners doing business as Langlois Bros. Brake. 2,127,557; Aug. 23.
Emens, Albert L., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,127,505; Aug. 23.
Enterprise Manufacturing Company. (See Pflueger, Charles T., assignor.)
Epstein, Albert K., and B. R. Harris, Chicago, Ill., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Rubber and making the same. 2,128,127; Aug. 23.
Epstein, Hyman, Brooklyn, N. Y. Metal reinforcement for suspenders. 2,128,041; Aug. 23.
Erban Patents Corporation. (See Erban, Richard, assignor.)
Erban, Richard, New York, N. Y. Control mechanism for variable speed transmission. 2,127,589; Aug. 23.
Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation. Gear. 2,127,588; Aug. 23.
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Adjustable display rack shelf and mounting therefor. 2,127,721; Aug. 23.
Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack. 2,127,722; Aug. 23.
Erwood, Joseph, Chicago, Ill., assignor, by mesne assignments, to Electro-Acoustic Products Co., Fort Wayne, Ind. Sound and projection apparatus. 2,127,590; Aug. 23.
Esch, Carleton B., Indianapolis, Ind. Card holder. 2,127,906; Aug. 23.
Esgró, Sam, assignor of forty-nine one-hundredths to C. A., Mrs. C. W., and R. N. Jean, Memphis, Tenn. Merchandise dispensing system. 2,127,769; Aug. 23.
Evans, Charles E., assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa. Sealing device. 2,128,128; Aug. 23.
Evans, Gordon M., Dearborn, Mich. Shaft seal. 2,127,591; Aug. 23.
Evans Products Company. (See Strid, S. J., and Taylor, assignors.)
Evanston Company, The. (See Schmidt, Richard W., assignor.)
Ewing, Elmer T., Auburn, Wash. Paint brush holder and conditioning device. 2,127,682; Aug. 23.
Exhibit Supply Company. (See Radtke, Bruno, assignor.)
Farley, Marcus M., assignor to Duplex Printing Press Company, Battle Creek, Mich. Stereotype metal furnace. 2,128,129; Aug. 23.
Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,128,084; Aug. 23.
Farrar, Merritt L., South Acton, assignor to G. M. Nay, Wellesley, Mass. Carding machine. 2,128,130; Aug. 23.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Lag plate for watt-hour meters. 2,128,131; Aug. 23.
Fausek, Arthur J. and I. F., Clayton, Mo. Torch. 2,127,723; Aug. 23.
Fausek, Irwing G. (See Fausek, Arthur J. and I. F.)
Fear, Fred, & Co. (See Heden, Folke, assignor.)
Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
Feedrail Corporation. (See Glasgow, Ernest M., assignor.)
Fellers, William M. (See Richardson, H. C., and Fellers.)
Felt & Tarrant Mfg. Co. (See Niemann, Frederick A., assignor.)
Fenstermacher, John D., Piedmont, and B. B. Sumner, Burlingame, Calif. Car underframe. 2,127,683; Aug. 23.
Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
Ferrolene Oxygen Co. of Ohio, The. (See Medsker, Charles A., assignor.)
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Snubbing device for three-position relays. 2,128,205; Aug. 23.
Finck, Joseph L. (See Webster, M. M., and Finck.)
Fink, Morris, New York, N. Y. Portable printing and developing dark cabinet. 2,128,042; Aug. 23.
Fireman, Peter, Lambertville, N. J., assignor to Magnetic Pigment Company, New York, N. Y. Production of iron compounds. 2,127,907; Aug. 23.
Fischer, Charles, New York, N. Y. Hinge. 2,128,085; Aug. 23.
Fischer, Frederick K., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Barometric condenser. 2,127,908; Aug. 23.
Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Purifying tetraphosphoric acid. 2,128,182; Aug. 23.
Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Temperature indicator. 2,127,592; Aug. 23.
Foreign Rights (Precision Meters) Limited. (See Horton, Frank, assignor.)
Fowler, Herman J., Los Angeles, Calif., assignor to Photo-Vox, Inc. Lobby display machine. 2,127,724; Aug. 23.
Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,127,725; Aug. 23.
Frank, Georg. (See Sindl, O., and Frank.)
Franz, Erhart, Leipzig, and M. Hardtmann, Naunhof, near Leipzig, Germany. Printing paste thickener. 2,127,770; Aug. 23.
Franzheim, George W., Dunkirk, N. Y. Furnace. 2,127,506; Aug. 23.
Frazier, Philip A., Oak Park, Ill. Printing. 2,127,955; Aug. 23.
Frederick, Louis T., Valparaiso, Ind., assignor to Continental-Diamond Fibre Company, Newark, Del. Socket. 2,128,132; Aug. 23.

Freitag, Friedrich, Wallstadt, assignor to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Automatic return device for control members. 2,127,909; Aug. 23.
French, William J., Nunhead, London, England. Advertising display device. 2,127,910; Aug. 23.
Freund, Morris, Cleveland, Ohio, assignor of one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats of vehicles. 2,127,558; Aug. 23.
Fried, Benjamin, Brooklyn, N. Y. Novelty. 2,128,133; Aug. 23.
Fuchs, Charles A., Hollis, assignor, by mesne assigments, to Burnell Laboratory Compaany, Incorporated, Locust Valley, N. Y. Printing instrumentality for typewriting machines. 2,127,507; Aug. 23.
Fuchs, Charles A., Hollis, assignor by mesne assignments, to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y. Typewriting machine. 2,127,508; Aug. 23.
Fuchs, Charles A., Plainsview, Hicksville, assignor by mesne assignments, to Burnell Laboratory, Incorporated, Locust Valley, N. Y. Typewriting machine. 2,127,509; Aug. 23.
Fulton, William H., West Orange, N. J. Means for spiking turf. 2,127,510; Aug. 23.
Gabrielson, William A., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,127,812; Aug. 23.
Gage, Alexander D. (See Collin, Francis E., assignor.)
Gakle, Wendolyn F., assignor to Kuhlman Electric Company, Bay City, Mich. Welding transformer. 2,128,086; Aug. 23.
Gandriaut, Lucien, Lyon, France. Tool for cutting up into slices products having soft and hard parts. 2,127,861; Aug. 23.
Gardiner, William T., et al., trustees. (see Peltz, Gordon M., assignor.)
Garner, James B., Mount Lebanon, Pa., assignor to Hope Natural Gas Company. Extracting nicotine from tobacco. 2,128,043; Aug. 23.
Gatke, Thomas L., Chicago, Ill. Self-lubricating bearing. 2,128,087; Aug. 23.
Gatons, Charles F., and L. J. Hausser, assignors to The Moore Corporation, Joliet, Ill. Stove. 2,127,970; Aug. 23.
Gebs, Ernest C., New York, N. Y. Line stretcher. 2,127,862; Aug. 23.
Geigy, J. R., S. A. (See Krehser, Adolf, assignor.)
Geigy, J. R., S. A. (See Martin, Henry, assignor.)
Geisert, Rex E. (See King, D. W., and Geisert.)
Gellendien, Walter, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenberg, Germany. Condensation products of high molecular albuminous split products. 2,127,841; Aug. 23.
General Aniline Works, Inc. (See Delfs, D., and Knoche, assignors.)
General Aniline Works, Inc. (See Morschel, H., Rimele, and Gund, assignors.)
General Aniline Works, Inc. (See Roos, Hans, assignor.)
General Aniline Works, Inc. (See Schindhelm, H., and Schultis, assignors.)
General Controls Co. (See Ray, William R., assignor.)
General Electric Company. (See Braband, Carl, assignor.)
General Electric Company. (See Dahl, O., and Haase, assignors.)
General Electric Company. (See Faus, Harold T., assignor.)
General Electric Company. (See Hermann, Benjamin R., assignor.)
General Electric Company. (See Hinnüber, Josef, assignor.)
General Electric Company. (See Linde, Leonard J., assignor.)
General Electric Company. (See Morton, L. W., and Lorraine, assignors.)
General Electric Company. (See White, Arthur J., assignor.)
General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
General Motors Corporation. (See Candor, Robert R., assignor.)
General Motors Corporation. (See Davis, J. H., and Lemming, assignors.)
General Motors Corporation. (See Dingwerth, William H., assignor.)
General Motors Corporation. (See Smilack, Jacob, assignor.)
General Motors Corporation. (See Smith, Harry F., assignor.)
General Railway Signal Company. (See Dorschel, Cyril H., assignor.)
General Railway Signal Compaany. (See Field Oscar S., assignor.)
General Railway Signal Company. (See Judge, Thomas J., assignor.)
General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)
General Steel Castings Corporation. (See Pflager, Harry M., assignor.)
General Steel Castings Corporation. (See Pflager, Harry M. and Beckette, assignors.)
Gesellschaft mit beschränkter Haftung. (See Callsen, Albert, assignor.)
Gillespie, Percy J., London, England. Rectilinear fiber combing machine. 2,127,863; Aug. 23.
Girard, René, assignor to Compagnie des Avions Hanriot, Paris, France. Control device for the flaps of aircraft. 2,127,864; Aug. 23.
Giusto, Nicola, New York, N. Y. Cushioning sole and heel element for footwear. 2,128,134; Aug. 23.
Glasgow, Ernest M., Towaco, N. J., assignor to Feedrail Corporation, New York, N. Y. Electric trolley construction. 2,128,135; Aug. 23.
Gloor, Walter E., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,128,136; Aug. 23.
Glossmann, Gustav, Beuthen, Germany. Belt conveyer. 2,127,643; Aug. 23.
Glover, Earl F. (See Boyle, J. F., and Glover.)
Goddard, Joseph F., Canfield, Ohio. Repair clamp for Dresser couplings. 2,127,627; Aug. 23.
Goddard, Robert H., Worcester, Mass. Seal for centrifugal pumps. 2,127,865; Aug. 23.
Godson, Reginald G. Toronto, Ontario, Canada. Building structure. 2,128,137; Aug. 23.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,127,801; Aug. 23.
Goetz, John, Wauwatosa, Wis. Stoker. 2,127,726; Aug. 23.
Göhre, Kurt R., J. Schwalb, and P. Speichert, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Rotary hearth furnace. 2,127,727; Aug. 23.
Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
Goodman Manufacturing Company. (See Wood, Claude O., assignor.)
Gorar, Louis J., Brooklyn, N. Y., assignor to Truscon Steel Company, Youngstown, Ohio. Door structure. 2,128,138; Aug. 23.
Gorar, Louis J., Brooklyn, N. Y., assignor to Truscon Steel Company, Youngstown, Ohio. Guard for doorways. 2,128,139; Aug. 23.
Goss, Horace W. and R. G., Toronto, Ontario, Canada. Self-closing tube and cap. 2,127,911; Aug. 23.
Goss, Reginald G. (See Goss, Horace W. and R. G.)
Government of the United States as represented by the Secretary of Commerce. (See Dunmore, Francis W., assignor.)
Government of the United States of America, as represented by the Secretary of the Navy. (See Shanley, Francis R., assignor.)
Grabner Alfred, Vienna, Austria, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,128,044; Aug. 23.
Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body ventilation. 2,127,971; Aug. 23.
Graf, Julius E., Avalon, and J. K. Lamoree, Mount Lebanon, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company. Classifying apparatus. 2,127,511; Aug. 23.
Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Sink. 2,127,559; Aug. 23.
Graham, Matthew P., G. H. Hufferd, and J. E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Trailer hitch. 2,127,912; Aug. 23.
Graham, Matthew P., G. H. Hufferd, and J. E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Hitch or coupler. 2,127,913; Aug. 23.
Grainger, Herbert H., London, England, assignor, by mesne assignments, to Chicago Apparatus Company, Chicago, Ill. Balance or weighing scale. 2,127,995; Aug. 23.
Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,127,593; Aug. 23.
Grant, Claude B., assignor to F. G. Beckman, Muskogee, Okla. Method of and apparatus for completing wells under pressure. 2,127,728; Aug. 23.
Grant, Lloyd L., Spokane, Wash. Internal combustion engine. 2,127,729; Aug. 23.
Graves, Herbert C. Jr., East Bradford Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit interrupter. 2,127,813; Aug. 23.
Gray, Floyd E. (See Kucher, A. A., and Gray.)
Great Western Electro-Chemical Company. (See Rosener, Leland S., assignor.)
Grebe, John J., assgnor to The Dow Chemical Company, Midland, Mich. Facilitating production of wells. 2,127,662; Aug. 23.
Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,127,684; Aug. 23.
Green, Dana B., Ithaca, N. Y. Injection fuel pump. 2,128,140; Aug. 23.
Greulich, Gerald G., Mount Lebanon, Pa. Welded joint. 2,127,685; Aug. 23.
Grossman, Matilda, Philadelphia, Pa. Kitchen cabinet. 2,127,594; Aug. 23.
Guardite Corporation, The. (See Baer, John M., assignor.)
Guiraud, Henry, Nancy, France. Transmitting gear with variable speed. 2,127,814; Aug. 23.

Gullette, Willis S., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Heating. 2,127,815; Aug. 23.
Gund, Felix. (See Morschel, H., Rimele, and Gund.)
Gunderson, Lewis O., assignor to Electro-Chemical Engineering Corporation, Chicago, Ill. Proportioning motor. 2,127,730; Aug. 23.
H. B. Motor Corporation. (See Harper, William, Jr., assignor.)
Haase, Alfred R., Hollis, N. Y. Nozzle structure for burners for liquid fuel. 2,127,866; Aug. 23.
Haase, Carl. (See Dahl, O., and Haase.)
Habertstump, Alfred H. (See Widman, C. H., and Haberstump.)
Hadland, Carl A., Leon, Wis. Composition building block. 2,127,914; Aug. 23.
Hadler, Bartholdt C. (See Coleman, G. H., and Hadler.)
Hallada, John C., Milwaukee, Wis. Door check. 2,127,915; Aug. 23.
Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,127,916; Aug. 16.
Halsam Products Company. (See Paulson, Nils I., assignor.)
Hampton, William M., Winter Haven, Fla., assignor to Brogdex Company, Pomona, Calif. Apparatus for applying liquid material to globular articles. 2,128,028; Aug. 23.
Hand, John L. H. (See Schulte, Fritz, assignor.)
Handy, Lucien H. (See Peters, L. E., and Handy.)
Hanft, Hans, Munich, Germany. Joint for the connection of shafts. 2,128,088; Aug. 23.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,128,045; Aug. 23.
Hansen Mfg. Company. (See Hansen, W. L., and Hurst, assignors.)
Hansen, Ray C., Portland, Oreg. Tank or flume. 2,127,799; Aug. 23.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Synchronous motor. 2,128,141; Aug. 23.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Rotor. 2,128,142; Aug. 23.
Hardtmann, Max. (See Franz, E., and Hardtmann.)
Hargrove, J. S. (See Battle, Harold P., assignor.)
Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Spark plug. 2,127,512; Aug. 23.
Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Spark plug. 2,127,513; Aug. 23.
Harris, Benjamin R. (See Epstein, A. K., and Harris.)
Harrison, Ernest L., Portsmouth, Ohio. Automatic rat trap. 2,128,143; Aug. 23.
Harvey, Allen M., Olean, N. Y. Forming porous bodies. 2,127,867; Aug. 23.
Haslam, George S., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Rubber compounding. 2,127,560; Aug. 23.
Hathorn, Clarence J., assignor to The Stackpole Carbon Company, St. Marys, Pa. Snap switch. 2,127,686; Aug. 23.
Hauser, Henry, Canton, Ohio. Fuel mixer. 2,127,628; Aug. 23.
Hausman, Walter J., Westfield, N. J., assignor to Burnell Laboratory Company, Incorporated, Locust Valley, Long Island, N. Y. Writing machines. 2,127,514; Aug. 23.
Hausser, Lawrence J. (See Gatons, C. F., and Hausser.)
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Coupling mechanism. 2,127,996; Aug. 23.
Hayes, Stanley A., Berkeley, Calif. Spraying apparatus. 2,127,731; Aug. 23.
Hazelett, Clarence W., Greenwich, Conn. Producing solid metal of substantially constant cross section throughout its length directly from a mass of molten metal and to an apparatus therefor. 2,127,515; Aug. 23.
Heald Machine Company, The. (See Blood, Harold L., assignor.)
Heath, Spencer, Elkridge, assignor to The American Propeller Company, Baltimore, Md. Propeller. 2,127,687; Aug. 23.
Heaton, Arthur A., Minneapolis, Minn. Piston expander. 2,127,516; Aug. 23.
Heckla A/S. (See Möller, Johan G. C., assignor.)
Heden, Folke, assignor to Fred Fear & Co., Brooklyn, N. Y. Dyeing. 2,127,595; Aug. 23.
Heil, John P., Melrose Park, Ill. Table. 2,128,046; Aug. 23.
Heinen, Wesley C., Scranton, Pa. Doorknob bar. 2,128,144; Aug. 23.
Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Thread guide brake. 2,127,771; Aug. 23.
Heitman, Edward, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,127,732; Aug. 23.
Helmer, Robert, Douglaston, assignor to The International Printing Ink Corporation, New York, N. Y. Method and apparatus for drying printing ink. 2,127,956; Aug. 23.
Henderson, Robert R. (See McCanless, W. A., and Henderson.)
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining oil. 2,128,029; Aug. 23.
Henrite Products Corporation. (See Loftis, Homer J., assignor.)
Hensel, Franz R., and E. I. Larsen, Indianapolis, Ind., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Article of manufacture. 2,128,089; Aug. 23.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,127,596; Aug. 23.
Herbst, John A., River Vale, N. J., assignor to The Teleregister Corporation, New York, N. Y. Coding and decoding apparatus. 2,127,733; Aug. 23.
Hercules Powder Company. (See Gloor, Walter E., assignor.)
Hermann, Benjamin R., Lanesboro, Mass., assignor to General Electric Company. Electric fuse device. 2,128,145; Aug. 23.
Herrmann, Carl V., Cleveland, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat exchange catalytic converter. 2,127,561; Aug. 23.
Hewitt, Ellis E. (See Farmer, C. C., and Hewitt.)
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drainage apparatus. 2,128,206; Aug. 23.
Hickey, Charles M., New York, N. Y. Fountain comb. 2,128,183; Aug. 23.
Higgins, Fred P. (See Parker, John R., assignor.)
Hilkemeier, Louis G., assignor to Chain Belt Company, Milwaukee, Wis. Valve arm construction. 2,127,663; Aug. 23.
Hill, James, Mitchell, Ontario, Canada. Focusing device for automobile headlights. 2,127,734; Aug. 23.
Hills, Paul E., Missouri Valley, Iowa, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour meter installation. 2,128,047; Aug. 23.
Hinnüber, Josef, Essen-Ruttenscheid, Germany, assignor to General Electric Company, Schenectady, N. Y. Sintered hard metal alloys. 2,128,146; Aug. 23.
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Refrigerating apparatus of the compression type. 2,128,090; Aug. 23.
Hobart Manufacturing Company, The. (See Meeker, David A., assignor.)
Hobbs, James C., Painesville, Ohio. Separator. 2,127,917; Aug. 23.
Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Textile machinery cleaning apparatus. 2,128,207; Aug. 23.
Hoerbiger, Alfred, Mauer, near Vienna, Austria. Annular automatic valve. 2,127,688; Aug. 23.
Hofmann, Gustav P., New York, N. Y. Container for pharmaceutical purposes. 2,127,918; Aug. 23.
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Transmission mechanism. 2,127,517; Aug. 23.
Holst, Poul F. G., Oaklyn, and L. R. Kirkwood, Collingswood, N. J., assignors to Radio Corporation of America. Multichannel radio receiving system. 2,127,816; Aug. 23.
Hope Natural Gas Company. (See Garner, James B., assignor.)
Horn, Guido, Berlin-Weissensee, and W. Lippold, Glienicke-Norbahn, assignors to the firma Guido Horn, Berlin-Weissensee, Germany. Taping machine. 2,127,772; Aug. 23.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Producing brake drums. 2,127,597; Aug. 23.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,599; Aug. 23.
Horn, Harry J., Lansing, and H. G. Axtmann, Dearborn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,598; Aug. 23.
Horsrud, Ole, assignor to Sears, Roebuck and Co., Chicago, Ill. Firearm. 2,127,919; Aug. 23.
Horton, Frank, assignor to Foreign Rights (Precision Meters) Limited, London, England. Liquid meter. 2,127,773; Aug. 23.
Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace construction. 2,127,842; Aug. 23.
Houck, Robert C. (See Sheppard, S. E., and Houck.)
Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
Howard, L. G. (See Evans, Charles E., assignor.)
Hromatka, Otto. (See Wolfes, O., and Hromatka.)
Hubbell, Harvey, Incorporated. (See Von Holtz, Charles T., assignor.)
Huber, Charles W., St. Louis, Mo. Paperhanger's table attachment. 2,128,147; Aug. 23.
Hufferd, George H. (See Graham, M. P., Hufferd and Casse.)
Huffman, James M., Orland, Calif. Trailer steering mechanism. 2,127,868; Aug. 23.
Hughes Tool Company. (See Sherman, Ralph P., assignor.)

Hughes Tool Company. (See Woods, Gorham W., and H. P., assignors.)
Hummel, Frederick E. (See Noeth, J. J., and Hummel.)
Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,600; Aug. 23.
Hunt, Scott F., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,127,735; Aug. 23.
Huntman, Charles B., Plainfield, N. J. Stabilizer shock absorber for motor cars. 2,127,518; Aug. 23.
Hurst, Ira N. (See Hansen, W. L., and Hurst.)
Huston, Robert, and E. C. Sonne, Davenport, Iowa. Changeable sign. 2,127,997; Aug. 23.
Hutchinson, Allan R., and L. J., Glen Iris, Australia. Supporting removable vehicle bodies. 2,127,972; Aug. 23.
Hutchinson, Lancelot J. (See Hutchinson, Allan R., and L. J.)
Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Behringer, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, Karl, assignor.)
I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)
Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Casein composition. 2,127,843; Aug. 23.
Imperial Chemical Industries Limited. (See Clark, Arthur M., assignor.)
Imperial Chemical Industries Limited. (See Jones, Elwyn, assignor.)
Imperial Chemical Industries Limited. (See Sexton, Wilfred A., assignor.)
Imperial Chemical Industries Limited. (See Tyrer, Daniel, assignor.)
Imperial Chemical Industries Limited. (See Tyrer, D., and Clark, assignors.)
Industrial Clutch Company. (See Eason, Clarence M., assignor.)
Ingersoll Milling Machine Company, The. (See Kraus, Charles E., assignor.)
International Printing Ink Corporation, The. (See Helmer, Robert, assignor.)
Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
Isett, John W., Hinsdale, Ill. Anchoring device. 2,127,973; Aug. 23.
Iversen, Roderick M., Berkeley, Calif., and N. B. Case, Seattle, Wash. Fusible vent. 2,128,091; Aug. 23.
Ives, Myrl, and J. D. La Bell, Flint, Mich. Timer for internal combustion engines. 2,127,957; Aug. 23.
Jablonski, Ludwig, Berlin, and K. Lindner, Berlin-Lichterfelde, assignors to firm: Chemische Fabrik Grünau, Landshoff & Meyer A. G., Berlin-Grunau, Germany. Tanning of leather or hides with mineral tanning agents. 2,128,092; Aug. 23.
Jacobs, Julian B., Arlington County, Va. Apparatus for teaching obstetrics. 2,127,774; Aug. 23.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkoxy derivatives of methacrylic acid esters and producing them. 2,128,208; Aug. 23.
Jaeniehen, Louis, Springfield Township, Oakland County, assignor to The Standard Computing Scale Company, Detroit, Mich. Weighing scale. 2,128,148; Aug. 23.
Jaffe, Emanuel M., Brooklyn, N. Y. Portable photographic printing device. 2,127,601; Aug. 23.
Jagschitz, Konrad, Mainz-Gustavsburg, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Nuremberg, Germany. Collapsible gas holder. 2,127,519; Aug. 23.
James, Thomas, Jr., Oaklyn, assignor to Universal Slack Adjuster Company, Camden, N. J. Slack adjuster. 2,127,920; Aug. 23.
James, William G., West Middlesex, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer tank structure. 2,128,093; Aug. 23.
Jameson, Herbert M., assignor of one-half to H. & M. Southwell Limited, Bridgnorth, England. Weaving fabric. 2,127,817; Aug. 23.
Jarvis, M. C., et al. (See Wenzel, Charles S., assignor.)
Jean, Charles A., et al. (See Esgró, Sam, assignor.)
Jean, Mrs. Charles A., et al. (See Esgró, Sam, assignor.)
Jean, Ralph N., et al. (See Esgró, Sam, assignor.)
Jearum, Frederick C., Chipstead, England. Inserted shaped-tip tool-bit. 2,127,998; Aug. 23.
Jennings, George W., Chicago, Ill. Washable wall covering and making the same. 2,127,818; Aug. 23.
Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Clamp for concrete form structures. 2,127,562; Aug. 23.
Jessop, George A., assignor to S. Morgan Smith Company, York, Pa. Power plant. 2,127,602; Aug. 23.
Jewett, John H., Jr., Lyons, N. Y. Feed for spinning machines. 2,128,184; Aug. 23.
Jewett, John H., Jr., Lyons, N. Y. Feed for spinning machines and method of use. 2,128,185; Aug. 23.
Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet feed mechanism. 2,127,736; Aug. 23.
Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table. 2,128,209; Aug. 23.
Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table. 2,128,210; Aug. 23.
Johnson, Bror A. E., Alsten, Sweden, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for handling tubes. 2,127,974; Aug. 23.
Johnson, John E., Wilkes-Barre, Pa. Pin board. 2,127,599; Aug. 23.
Johnson, Levi R., Worthington, Minn. Trailer hitch. 2,127,689; Aug. 23.
Johnson, Stewart P., Passaic, N. J. Adjustable book stub holder. 2,127,737; Aug. 23.
Johnston, Douglas, Greenwood, Miss. Hydraulic motor. 2,128,048; Aug. 23.
Johnston, George W., Astoria, N. Y. Paper cutting machine. 2,127,563; Aug. 23.
Johnstone, Harold G., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Computing apparatus. 2,127,644; Aug. 23.
Jones, Adrian S., Redwood City, Calif. Barrier for vehicular traffic. 2,127,690; Aug. 23.
Jones, Bennett R., Perryopolis, Pa. Combination furniture. 2,127,819; Aug. 23.
Jones, Elwyn, Saltscoats, Scotland, assignor to Imperial Chemical Industries Limited. Gasless igniter. 2,127,603; Aug. 23.
Jones, Harry B., Tonawanda, assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Blank reversing and shaping mechanism. 2,128,186; Aug. 23.
Jones, Linus H., Amherst, Mass., assignor to W. B. Jones, Chicago, Ill. Nutrition of potted plants. 2,127,629; Aug. 23.
Jones, W. Bartlett. (See Jones, Linus H., assignor.)
Judge, Thomas J., Rio de Janeiro, Brazil, assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,128,211; Aug. 23.
Junghans, Helmut, Eckenhof in Sulgen, near Schramberg, Germany. Tumbler contact. 2,127,869; Aug. 23.
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Mader, Otto, assignor.)
Kadenacy, Michel, Paris, France. Internal combustion engine. 2,127,775; Aug. 23.
Kahn, Frank J., New York, N. Y. Press. 2,127,520; Aug. 23.
Kalif Corporation. (See Pike, Robert D., assignor.)
Karkoska, Stephen J., Cleveland, Ohio. Golf tee. 2,128,049; Aug. 23.
Kees, Daniel, Beatrice, Nebr., assignor to F. D. Kees Manufacturing Company. Roller skate. 2,127,630; Aug. 23.
Kees, F. D., Manufacturing Company. (See Kees, Daniel, assignor.)
Kemp, Archibald, Maplewood; H. Winckler, Bloomfield; and W. C. Walton, West Orange, N. J. Fumigating or deodorizing device. 2,127,975; Aug. 23.
Kemp, William E., Detroit, Mich., assignor to Pierce Governor Company, Anderson, Ind. Governor mechanism. 2,127,521; Aug. 23.
Kennedy, Clarence E., Pampa, Tex. Garment hanger. 2,127,870; Aug. 23.
Kent, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Spinning unit. 2,127,921; Aug. 23.
Kepfer, Raymond J., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Zinc ammonium chloride fluxes. 2,127,564; Aug. 23.
Ketay, Morris F. (See Reichel, W. A., and Ketay.)
Ketchpel, Paul A., Bergenfield, N. J., assignor to The Standard Stoker Company, Incorporated. Stoker conveyer. 2,127,922; Aug. 23.
K.-Howat, Philip Y., Baltimore, Md. Combined cane and stand. 2,127,976; Aug. 23.
Kimball, Wallace D., Jackson Heights; C. I. Braren, Jamaica; and G. P. Schaefer, Bronx, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Can boxing machine. 2,127,924; Aug. 23.
Kindelberger, James H., assignor to North American Aviation Corporation, Inglewood, Calif. Blanking and forming press. 2,127,820; Aug. 23.
King, Dean W., San Mateo, and R. E. Geisert, Alameda, Calif.; said Geisert assignor to said King. Rib pistol and revolver sight. 2,127,565; Aug. 23.
King, Oral A., near Norfolk, Va. Beehive. 2,128,000; Aug. 23.
Kinney, Selwyne P., Pittsburgh, and C. E. Dougan, assignors to H. A. Brassert & Company, Chicago, Ill. Gas washer. 2,127,645; Aug. 23.
Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Separating brookite and rutile from zircon and obtaining titanium oxide therefrom. 2,127,664; Aug. 23.
Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Double silicates of zirconium and making same. 2,127,844; Aug. 23.
Kirkwood, Loren R. (See Holst, P. F. G., and Kirkwood.)
Klahn, Emil, deceased, New Vernon, N. J.; J. M. Percival, administratrix. Thermostatically operated electrical device. 2,127,821; Aug. 23.
Knoche, Rudolf. (See Delfs, D., and Knoche.)
Knott, Clyde L. (See Topham, L. E., and Knott.)

Knox, Arthur D., et al. (See Rayburn, Alden G., assignor.)
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Regulated power unit. 2,127,822; Aug. 23.
Koleno, Joseph J., Joffre, Pa. Tightener for cables. 2,128,030; Aug. 23.
Kondrath, Andrew D., assignor to American Automatic Devices Co., Chicago, Ill. Rear view mirror and mounting means therefor. 2,128,187; Aug. 23.
Koppers Company. (See Denig, Fred, assignor.)
Koppers-Theolaveur Company. (See Slater, Homer B., assignor.)
Kotchaver, Ira E., Blackwell, and H. O. Snouffer, Grant County, Okla. Lid fastening means for boxes. 2,128,001; Aug. 23.
Kothe, Gertrude E., New York, N. Y. Lamp for colored light treatment. 2,127,604; Aug. 23.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibrating type regulator. 2,128,094; Aug. 23.
Kozloff, Vassil R., Los Angeles, Calif. Apparatus for stopping leaks in ships. 2,127,871; Aug. 23.
Kramer, Joseph J., National City, Calif. Garage door opening and closing apparatus. 2,127,522; Aug. 23.
Kratz, Franz. (See Baumgratz, Kratz, and Steinhart.)
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal turning. 2,127,523; Aug. 23.
Krebser, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy S. A., Basel, Switzerland. Azo dyestuffs and their manufacture. 2,128,188; Aug. 23.
Kronberg, Ninni M., Rydsgard, Sweden. Manufacturing milk powder. 2,127,524; Aug. 23.
Kronheim, Jacob, et al. (See Freund, Morris, assignor.)
Krueger, Max, Newark, N. J. Bottle closure. 2,127,776; Aug. 23.
Kucher, Andrew A., and F. E. Gray, Dayton, Ohio. Stroboscopic apparatus. 2,127,605; Aug. 23.
Kugel, Fritz, Heidenheim-on-the-Brenz, Germany. Hydrodynamic fluid coupling. 2,127,738; Aug. 23.
Kuhlman Electric Company. (See Gakle, Wendolyn F., assignor.)
Künzi, Hugo, Stuttgart-Feuerbach, Germany. Ice-cream freezer. 2,127,777; Aug. 23.
Kutz, Nikolaus, Cologne, Germany. Vacuum massaging apparatus. 2,127,872; Aug. 23.

La Bell, James D. (See Ives, M., and La Bell.)
La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,127,739; Aug. 23.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,127,740; Aug. 23.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,127,741; Aug. 23.
Ladd, Lester L., Lockport, Ill. Tunnel kiln. 2,127,742; Aug. 23.
Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Thermionic relay circuits. 2,127,977; Aug. 23.
Lamoree, James K. (See Graf, J. E., and Lamoree.)
Lamson Company, The. (See Taylor, William J., assignor.)
Lance Packing Company. (See Thomas, William E., assignor.)
Landis, William C., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vent opening protector. 2,128,050; Aug. 23.
Lange, Otto J. (See Spicer, G. C., and Lange.)
Langlois Bros. (See Ells, Burdick R.)
Langlois, Harry F., et al. (See Ells, Burdick R., assignor.)
Langlois, Herbert N., et al. (See Ells, Burdick R., assignor.)
Larsen, Bernard M. (See Shenk, W. E., and Larsen.)
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Lea, William G., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Guiding long flexible bodies. 2,127,606; Aug. 23.
Lebeau, Léon, Brussels, Belgium. Lock for house doors. 2,128,002; Aug. 23.
Lee, Hubert J., San Jose, Calif. Freight car bulkhead. 2,127,978; Aug. 23.
Leeds and Northrup Company. (See Dall, Horace E., assignor.)
Leef Bros., Inc. (See Leef, John H., assignor.)
Leef, John H., assignor to Leef Bros., Inc., Minneapolis, Minn. Garment sleeve ironer. 2,128,003; Aug. 23.
Le Guillou, Yves C., New York, N. Y. Tennis game. 2,127,873; Aug. 23.
Leifheit, Paul, Oswego, Ill., assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Ice warning device. 2,127,823; Aug. 23.
Leitz, Ernst, G. m. b. H. (See Leitz, Ludwig, assignor.)
Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Combined range finder and view finder. 2,127,925; Aug. 23.
Lemming, John C. (See Davis, J. H., and Lemming.)
Leonard, Carl H., Wakefield, Nebr. Oil can. 2,127,874; Aug. 23.
Leslie, George F., assignor to Superior Manufacturing Company, Fitchburg, Mass. Saddle staple strip and using it. 2,127,665; Aug. 23.
Leuchter, August A., Augusta, Maine. Printing member for intaglio or rotary photogravure printing. 2,127,824; Aug. 23.
Levow, David, New York, N. Y. Hoisting frame. 2,127,607; Aug. 23.
Levy, A. Hoyt, Brooklyn, N. Y. Decorative button. 2,128,095; Aug. 23.
Lewis, Joseph D., Santa Barbara, Calif. Dishwashing and sterilizing machine. 2,127,778; Aug. 23.
Lewis, Lloyd V., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,127,691; Aug. 23.
Lincoln, John C., et al. (See Freund, Morris, assignor.)
Lincoln-Schlueter Floor Machinery Co. (See Wadhams, Frederick E., assignor.)
Linde, Leonard J., Drexel Hill, Pa., assignor to General Electric Company. Electric switchgear. 2,128,149; Aug. 23.
Lindner, Kurt. (See Jablonski, L., and Lindner.)
Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Engine. 2,127,743; Aug. 23.
Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Outboard motor. 2,127,744; Aug. 23.
Lippert, Leo H., and J. F. York, Sioux Falls, S. Dak. Dispensing gauge. 2,127,875; Aug. 23.
Lippold, Wilhelm. (See Horn, G., and Lippold.)
Little, Frederick B., Chicago, Ill. Signal device. 2,128,150; Aug. 23.
Lochman, Emil R., Milwaukee, Wis. Headstock for a general utility machine tool. 2,127,745; Aug. 23.
Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Condition controlling apparatus. 2,128,096; Aug. 23.
Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Resilient mounting for motors and generators. 2,127,979; Aug. 23.
Logan Engineering Co. (See Logan, Henry H., assignor.)
Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Separator. 2,127,746; Aug. 23.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Hammer-driven supporting clip. 2,128,004; Aug. 23.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Hammer-driven supporting device. 2,128,005; Aug. 23.
Lorraine, Richard G. (See Morton, L. W., and Lorraine.)
Lothrop, Marcus, Berkeley, Calif. Engine. 2,127,692; Aug. 23.
Lowry, Erwin F., Batavia, Ill., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,128,051; Aug. 23.
Lucas, Joseph, Limited. (See Swift, W., and Perkins, assignors.)
Ludwig, Willy. (See Bockmühl, M., Ludwig, and von Mytzenbecher.)
Luery, Michael, assignor to American Rock Wool Corporation, Wabash, Ind. Bat package. 2,127,646; Aug. 23.
Lurie, August J., Chicago, Ill. Carton opener. 2,128,151; Aug. 23.
Luther, John K., Granger, Wash. Current motor. 2,127,747; Aug. 23.

Maage, Frederick W., and J. Randrup, Manila, P. I. Seed planter. 2,127,876; Aug. 23.
MacKenzie, Joseph B., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Stoker mechanism. 2,127,923; Aug. 23.
MacLaren, Frederick H. (See Adams, E. W., and MacLaren.)
MacMillan, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Auxiliary hydraulic device for presses. 2,128,152; Aug. 23.
MacNally, Charles J., Jamaica, N. Y. Fountain pen. 2,128,052; Aug. 23.
Mader, Otto, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Engine cylinder. 2,127,825; Aug. 23.
Magill-Weinsheimer Company. (See Osborn, Alex F., assignor.)
Maglott, George F., Wrentham, Mass., assignor to Brown and Sharpe Manufacturing Company. Grinding machine. 2,127,877; Aug. 23.
Magnetic Pigment Company. (See Fireman, Peter, assignor.)
Mains, Gerald H., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Acid resisting laminated product. 2,128,097; Aug. 23.
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
Malloy-Brehunoff, Nicholas, Bridgeport, Conn. Artificial limb. 2,127,566; Aug. 23.
Mammano, Benedetto, assignor to "Societa Ingranaggi Mammano", Milan, Italy. Tool for cutting curved tooth bevel gears. 2,127,779; Aug. 23.
Maniscalco, Pietro, Toledo, Ohio. Combination gasoline and oil engine. 2,128,006; Aug. 23.

Manley, Lee L., assignor, by mesne assignments, to Hugh H. Eby Inc., Philadelphia, Pa. Circuit controller. 2,127,608; Aug. 23.
Mannino, Philip, New York, N. Y. Automatic inking machine for typewriter ribbons and the like, with unlinked portions. 2,128,098; Aug. 23.
Mantz, Aloysius F., Los Angeles, Calif. Cable securing hook and glider. 2,128,007; Aug. 23.
Manuel, Charles J. (See Sheppard, J. F., Manuel, and Pringle.)
Markham, J. P., Jr., et al. (See Wenzel, Charles S., assignor.)
Marks, Saul H., New York, N. Y. Garment bag. 2,128,099; Aug. 23.
Marshall, John L., assignor to United Hosiery Mills Corporation, Chattanooga, Tenn. Elastic top hosiery. 2,127,780; Aug. 23.
Marshall, Thomas A., San Pedro, Calif. Radio receiving system. 2,127,525; Aug. 23.
Martin, Henry, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Textile or the like pestproofing medium and use. 2,127,879; Aug. 23.
Martin, Karl, Rathenow, Germany. Magnetic compass. 2,127,878; Aug. 23.
Martins, Borge, Copenhagen, Denmark. Wheel suspension. 2,127,609; Aug. 23.
Maschinenfabrik Augsburg-Nürnberg A. G. (See Cüppers, Paul, assignor.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Jagschitz, Konrad, assignor.)
Mason, Richard D., Scotia, N. Y. Wristlet. 2,127,926; Aug. 23.
Masters, Raymond H., Detroit, Mich. Internal combustion engine. 2,128,154; Aug. 23.
Mathewson, Wilfred F., North Weymouth, Mass. Measuring valve for ice cream freezers. 2,127,647; Aug. 23.
Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
McCabe, Raleigh, Chicago, Ill. Brassière and bust garment. 2,127,927; Aug. 23.
McCanless, William A., and R. R. Henderson, assignors to Yosemite Portland Cement Corporation, Merced, Calif. Pneumatic cement conveyer. 2,127,693; Aug. 23.
McCormick, Francis H., Dayton, Ohio, assignor to Edison General Electric Appliance Company Incorporated, Chicago, Ill. Pail. 2,127,958; Aug. 23.
McDonald, A. Y., Mfg. Co. (See Siegert, Walter, assignor.)
McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Plug and receptacle. 2,127,928; Aug. 23.
McKay Company. (See McKay, George R., assignor.)
McKay, George R., Garden City, assignor to McKay Company, New York, N. Y. Glass etching. 2,127,781; Aug. 23.
McKee, John F., Lansdowne, assignor to Yarnall-Waring Company, Philadelphia, Pa. Steam trap. 2,127,649; Aug. 23.
McKiernan, James D., Brooklyn, assignor to Air Reduction Company, Incorporated, New York, N. Y. Universal cutting machine. 2,127,959; Aug. 23.
McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,128,053; Aug. 23.
McPherson, Charles J. T., Coshocton, Ohio. Oil burner. 2,128,155; Aug. 23.
McShane, Edgar R., Baltimore, Md. Canning and cooking oatmeal. 2,127,782; Aug. 23.
Medsker, Charles A., Cleveland Heights, assignor to The Ferrolene Oxygen Co. of Ohio, Cleveland, Ohio. Apparatus for the production of combustible gas. 2,127,880; Aug. 23.
Medweth, Hans. (See Bauer, K., Pressel, and Medweth.)
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,128,008; Aug. 23.
Mehlhouse, Harvey G., Naperville, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding method. 2,127,648; Aug. 23.
Merck & Co. (See Wolfes, O., and Hromatka, assignors.)
Merz, Frank J., Jr., and G. B., Seattle, Wash. Model airplane propeller. 2,128,009; Aug. 23.
Merz, George B. (See Merz, Frank J., Jr., and G. B.)
Metalastik Ltd. (See Schmidt, Fritz, assignor.)
Metcalfe, Virgil E. (See Thompson, J. W., and Metcalfe.)
Meyer, Pierre H., Mount Vernon, N. Y. Counter tray. 2,127,826; Aug. 23.
Meyer, Pierre H., Mount Vernon, N. Y. Partition end supporting device. 2,127,827; Aug. 23.
Midland Steel Products Company, The. (See Dietrich, Neff T., assignor.)
Midland Steel Products Company, The. (See Riemenschneider, Ernest, assignor.)
Miller, Clarence W., Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Making valves. 2,127,929; Aug. 23.
Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Power transmission mechanism for swinging crane excavators or the like. 2,128,010; Aug. 23.
Miller, Harry G., Denver, Colo. Valve grinding apparatus. 2,127,748; Aug. 23.
Miller, John H. (See Panther, Eugene V., assignor.)
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Protection of pipes. 2,127,694; Aug. 23.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Flexible interlocking shingle. 2,127,695; Aug. 23.
Mills, Lindley E., and W. W. Allen, assignors to The Dow Chemical Company, Midland, Mich. Mothproofing fabrics. 2,128,189; Aug. 23.
Milprint Products Corporation. (See Piazze, Thomas E., assignor.)
Milton, George R., Arp, Tex., assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Welding clamp. 2,127,828; Aug. 23.
Miner, W. H., Inc. (See Olander, Roland J., assignor.)
Minkler, William A. (See Smith, L. R., and Minkler.)
Minneapolis-Honeywell Regulator Company. (See Edmondson, William H., assignor.)
Mitchel, Edward W., Detroit, Mich. Nut and making same. 2,127,696; Aug. 23.
Mitchell, Waymon M. (See Sparks, Uvalda, assignor.)
Möller, Johan G. C., assignor to Hekla A/S, Oslo, Norway. Value stamping machine. 2,128,156; Aug. 23.
Monnier, James A. and C. S. Brush, Algonac, Mich. Pneumatic tool. 2,128,157; Aug. 23.
Moore Corporation, The. (See Gatons, C. F., and Hausser, assignors.)
Moore, Raymond G., Grosse Pointe Farms, Mich. Adjustable seat slide. 2,127,610; Aug. 23.
Moore, Warren, Bon Air, Va. Depilatory. 2,128,158; Aug. 23.
Morgan, Charles, Shawnee on Delaware, assignor of two-fifths to C. A. Coleman, Stroudsburg, Pa. Brush. 2,128,011; Aug. 23.
Morgan, Lee C., Santa Maria, Calif. Horseback rider's pad. 2,128,159; Aug. 23.
Morgan, Leo C., Wichita, Kans. Well treating fluid. 2,128,160; Aug. 23.
Morgan, Leo C., Wichita, Kans. Well treating fluid. 2 128,161; Aug. 23.
Morris, Harvey M., Frederick, Md. Jar holder. 2,127,882; Aug. 23.
Morris, Leopold, Victoria, Tex. Safety razor. 2,127,881; Aug. 23.
Morschel, Heinrich, Leverkusen-Wiesdorf, E. Rimele, Leverkusen-I. G. Werk, and F. Gund, Cologne, Germany, assignors to General Aniline Works, Inc. New York, N. Y. Water-insoluble azo dyestuffs. 2,127,697; Aug. 23.
Morton, Lysle W., Schenectady, and R. G. Lorraine, Scotia, N. Y., assignors to General Electric Company. Electric control system. 2,128,162; Aug. 23.
Motor Wheel Corporation. (See Horn, Harry J., assignor.)
Motor Wheel Corporation. (See Horn, H. J., and Axtmann, assignors.)
Motor Wheel Corporation. (See Hunt, J. Harold, assignor.)
Mueller, Ervin H., Detroit, Mich. Coupling. 2,127,611; Aug. 23.
Muller, Oscar F., Glen Ridge, N. J., assignor to Nyanza Color & Chemical Co., Inc., New York, N. Y. Coating, sizing, and finishing compositions. 2,127,650; Aug. 23.
Mullins, Samuel A., Beaumont, Tex. Sample taking tool for oil wells. 2,128,212; Aug. 23.
Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Sulphated aliphatic compounds. 2,127,567; Aug. 23.
Muralo Company, The. (See Iddings, Carl, assignor.)
Murguía, Luis F., Mexico, D. F., Mexico. Record calendar. 2,127,612; Aug. 23.
Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
Murray Corporation of America, The. (See Widman, C. H., and Haberstump, assignors.)
Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,128,031; Aug. 23.

Nachod & United States Signal Company. (See Richterkessing, Frank H., assignor.)
Nagle, James, Glendale, N. Y. Sanitary sandwich envelope. 2,127,631; Aug. 23.
Najarian, Herand K., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Concretionary agglomerate. 2,127,632; Aug. 23.
Najarian, Herand K., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Smelting of zinciferous materials. 2,127,633; Aug. 23.
Nampa, Sulo M., assignor to The Worth Company, Detroit, Mich. Carloading device. 2,127,613; Aug. 23.
Nash-Kelvinator Corporation. (See Heltman, Edward, assignor.)
National Cash Register Company, The. (See Christian, Raymond A., assignor.)
National Cash Register Company, The. (See Dieserud, Helge C., assignor.)
National Cash Register Company, The. (See Green, Charles W., assignor.)
National Cash Register Company, The. (See Placke, E. H. and Tasker, assignors.)
National Standard Company. (See Pierce, Robert C., assignor.)
National Tube Company. (See Wehman, William T., assignor.)
Nay, George M. (See Farrar, Merritt L., assignor.)

Neal, Arthur M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 4,4'-dialkoxy diphenylamines. 2,128,100; Aug. 23.

New Jersey Zinc Company, The. (See Haslam, George S. assignor.)

Niagara Alkali Company. (See Casciani, Ferri, assignor.)

Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Supporting member. 2,127,980; Aug. 23.

Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Supporting member. 2,127,981; Aug. 23.

Niks, Nickolas J., Munising, Mich. Paper making machine. 2,127,698; Aug. 23.

Nissley, Jacob H., et al., trustees. (See Peltz, Gordon M., assignor.)

Noeth, John J., and F. E. Hummel, Chicago, Ill. Time controlled mechanism. 2,127,749; Aug. 23.

North American Aviation Corporation. (See Kindelberger, James H., assignor.)

Northup, Harry L., and J. Agger, assignors to Chicago Rawhide Manufacturing Company, Chicago, Ill. Manufacturing oil seals. 2,127,982; Aug. 23.

Norton Company. (See Tighe, John J., assignor.)

Norton Company. (See Van der Pyl, Edward, assignor.)

Norton, Herbert E., Brockport, N. Y. Spray nozzle. 2,127,883; Aug. 23.

Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,127,568; Aug. 23.

Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Combustion control for internal combustion engines. 2,127,983; Aug. 23.

Nyanza Color & Chemical Co. (See Muller, Oscar F., assignor.)

Nydegger, Max R. (See Schuricht, Carl, assignor.)

Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Desk telephone. 2,127,569; Aug. 23.

O'Brien, Willis H., Los Angeles, Calif. Producing color effects in photography. 2,127,829; Aug. 23.

O'Kane, Walter C., Durham, N. H. Active insecticide and fungicide. 2,127,526; Aug. 23.

Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Quick take-up mechanism. 2,127,570; Aug. 23.

Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)

O'Rourke, James J., Chicago, Ill. Beach protecting barrier. 2,128,012; Aug. 23.

Osborn, Alex F., Buffalo, N. Y., assignor to Magill-Weinsheimer Company, Chicago, Ill. Display device. 2,127,930; Aug. 23.

Osten, Joseph W., Wilmette, Ill. Radiator grille screen. 2,127,931; Aug. 23.

Ostermann, Walter, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Manufacture of artificial silk. 2,127,984; Aug. 23.

Overpeck, Harvey M., Philadelphia, Pa. Ladder leveling attachment. 2,127,884; Aug. 23.

Packard Motor Car Company. (See Tibbetts, Milton, assignor.)

Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,127,527; Aug. 23.

Panther, Eugene V., assignor of one-half to J. H. Miller, Baltimore, Md. Cake and pie crust perforator. 2,127,651; Aug. 23.

Pardee, Fred W., Jr., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Absorption of hydrochloric acid in liquids. 2,127,571; Aug. 23.

Parker, John R., assignor to F. P. Higgins, Toronto, Ontario, Canada. Clasp for garment supporters. 2,127,666; Aug. 23.

Parker, John W., Detroit, Mich. Grinding wheel dressing unit. 2,127,614; Aug. 23.

Parker-Wolverine Company. (See Tanner, Robert R., assignor.)

Parks-Cramer Company. (See Hodge, William B., assignor.)

Parnell, Walter H., assignor of one-half to J. Silverstein, New York, N. Y. Brake. 2,128,013; Aug. 23.

Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Toy building construction. 2,127,830; Aug. 23.

Pellkofer, Joseph, Regensburg, Germany. Sterilizing apparatus for surgical and dental appliances and the like. 2,127,932; Aug. 23.

Peltz, Gordon M., Elmhurst, assignor, by mesne assignments, to H. M. Brooks, New York, N. Y., W. T. Gardiner, Augusta, Maine, and J. H. Nissley, Manheim, Pa., as trustees. Stoker for solid fuel. 2,127,933; Aug. 23.

Percival, Johanna M., administratrix. (See Klahn, Emil.)

Perkins, Leslie R. (See Swift, W., and Perkins.)

Peters, Leslie E., and L. H. Handy, San Francisco, Calif. Beverage dispenser. 2,127,615; Aug. 23.

Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Warp-drawing machine. 2,127,616; Aug. 23.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra-high-frequency communication system. 2,127,572; Aug. 23.

Petree, William B., San Francisco, Calif. Straightedge tool. 2,127,617; Aug. 23.

Pettit, Ralph E., assignor to Aluminum Colors Incorporated, Indianapolis, Ind. Coloring oxide-coated aluminum surfaces. 2,127,885; Aug. 23.

Pfeiffer, William C., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 2,127,750; Aug. 23.

Pflager, Harry M., St. Louis, assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,127,934; Aug. 23.

Pflager, Harry M., St. Louis, Mo., and E. S. Beckette, East St. Louis, assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,127,935; Aug. 23.

Pflueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Float construction. 2,127,667; Aug. 23.

Phillips Petroleum Company. (See Drennan, Harry E., assignor.)

Phillips, Ralph E. (See Baruch, M., and Phillips.)

Philpott, Tyra A., Phoenix, Ariz. Dust and dirt collecting and disposal machine for mines. 2,127,985; Aug. 23.

Photo-Vox, Inc. (See Fowler, Herman J., assignor.)

Piazze, Thomas E., assignor to Milprint Products Corporation, Milwaukee, Wis. Method of and apparatus for perforating. 2,127,960; Aug. 23.

Picha, Emil H., St. Paul, Minn. Sod cutting tool. 2,127,751; Aug. 23.

Pierce Governor Company. (See Kemp, William E., assignor.)

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Wire winding apparatus. 2,127,936; Aug. 23.

Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,127,937; Aug. 23.

Pioneer Instrument Company. (See Leifheit, Paul, assignor.)

Pioneer Instrument Company. (See Urfer, Adolf, assignor.)

Pittsburgh Plate Glass Company. (See Waldeck, William F., assignor.)

Placke, Everett H., and G. H. Tasker, assignors to The National Cash Register Company, Dayton, Ohio. Paper feed mechanism for cash registers. 2,127,652; Aug. 23.

Platin, Gösta A., Kalmar, Sweden. Door lock. 2,128,014; Aug. 23.

Plön, Max, Basel, Switzerland. Stick-handled appliance for the care of floors and stairs. 2,127,886; Aug. 23.

Polysius, G., Aktiengesellschaft. (See Schmidt, Theo, assignor.)

Postma, Frank, Ridgewood, N. J. Abrading device. 2,127,528; Aug. 23.

Pratt, Raymond C., assignor, by mesne assignments, to H. B. Dodge and Company, Chicago, Ill. Spring controlled Venetian blind. 2,128,163; Aug. 23.

Pressel, Friedrich. (See Bauer, K., and Pressel and Medweth.)

Price, Earl B. (See Price, Harold W. and E. R.)

Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,127,752; Aug. 23.

Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Converter having heat exchange members or wells for recording elements. 2,127,529; Aug. 23.

Pride, George H., New York, N. Y. Lift truck or the like. 2,127,938; Aug. 23.

Pringle, William A. (See Sheppard, J. F., Manuel, and Pringle.)

Productive Inventions, Inc. (See Anderson, John W., assignor.)

Pyle-National Company, The. (See McDowell, Thomas E., assignor.)

Radio Corporation of America. (See Holst, P. F. G., and Kirkwood, assignors.)

Radio Corporation of America. (See Koch, Winfield R., assignor.)

Radio Corporation of America. (See Peterson, Harold O., assignor.)

Radtke, Bruno, assignor to Exhibit Supply Company, Chicago, Ill. Telltale device. 2,127,753; Aug. 23.

Randrup, John. (See Maage, F. W., and Randrup.)

Ray, William R., San Francisco, Calif., assignor, by mesne assignments, to General Controls Co. Actuator. 2,127,961; Aug. 23.

Rayburn, Alden G., Sausalito, Calif., assignor of forty per cent to A. D. Knox, Nashville, Tenn., and twenty per cent to E. S. Rayburn, Sausalito, Calif. Telltale signal light. 2,127,887; Aug. 23.

Rayburn, Eddy S., et al. (See Rayburn, Alden G., assignor.)

Reade, Ralph W. B., Port Washington, N. Y., assignor to United States Gypsum Company, Chicago, Ill. Producing coated material. 2,128,214; Aug. 23.

Reade, Ralph W. B., Winnetka, assignor to United States Gypsum Company, Chicago, Ill. Machine for producing coated material. 2,128,190; Aug. 23.

Reichel, Wladimir A., Bellerose, and M. F. Ketay, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Centrifugal electric tachometer. 2,127,831; Aug. 23.

Reppert, Richard v. Teaneck, N. J., assignor to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y. Typewriting machine. 2,127,530; Aug. 23.

Reynolds, Charles E., Watertown, assignor to Cambridge Rubber Co., Cambridge, Mass. Shoe stiffener. 2,127,783; Aug. 23.

Reynolds, Frank P., assignor to Bird & Son, Inc., East Walpole, Mass. Roofing. 2,128,191; Aug. 23.

Richardson, Holden C., and W. M. Fellers, Washington, D. C. Airplane catapult. 2,127,531; Aug. 23.

Richter, Erich, Cedar Grove, and H. Thissen, Hawthorne, N. J. Shuttle binder. 2,127,939; Aug. 23.

Richterkessing, Frank H., assignor to Nachod & United States Signal Company, Incorporated, Louisville, Ky. Rail operated circuit controller. 2,128,164; Aug. 23.

Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for forming automobile side rails. 2,127,618; Aug. 23.

Rimele, Eugen. (See Morschel, H., Rimele, and Gund.)

Rinn, Irwin C., Chicago, Ill. Mount for films and the like. 2,127,940; Aug. 23.

Risser, Ivan H., assignor to U. S. Bottlers Machinery Company, Chicago, Ill. Container loading apparatus. 2,128,192; Aug. 23.

Robaczynski, Ladislaus, Brooklyn, N. Y. Knitting machine. 2,127,699; Aug. 23.

Robinson, Edward L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Working alloys. 2,128,054; Aug. 23.

Roche, Clifton R., Los Angeles, Calif., assignor to Bendix Products Corporation, South Bend, Ind. Freewheeling apparatus and clutch control. 2,127,754; Aug. 23.

Rochester Manufacturing Co. (See Ford, George E., assignor.)

Rock, Ida R., Brooklyn, assignor to Silhouette Form Co. Inc., New York, N. Y. Moldable and adjustable display form. 2,127,941; Aug. 23.

Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,127,986; Aug. 23.

Rösch, Gustav, Valparaiso, Chile. Permanent-hair-waving machine. 2,127,784; Aug. 23.

Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric conversion system. 2,128,055; Aug. 23.

Rosenberg, Ralph H., Grosse Pointe, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Hydraulic lock for vehicle springs. 2,127,755; Aug. 23.

Rosener, Harold J., New Ulm, Minn. Road reflector. 2,127,700; Aug. 23.

Rosener, Leland S., San Francisco, Calif., assignor to Great Western Electro-Chemical Company. Liquid caustic handling equipment. 2,127,962; Aug. 23.

Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for stapling binding wire to box parts. 2,127,832; Aug. 23.

Rosenthal, Sol R., Chicago, Ill. Book assembly. 2,127,619; Aug. 23.

Roth, Adolph F., Wilkes-Barre, Pa. Antiskid device. 2,127,532; Aug. 23.

Rottman, George, Brooklyn, N. Y. Mothproof cabinet. 2,127,963; Aug. 23.

Rubel, Charles F. (See Christensen, N. V., and Rubel.)

Ruben, Samuel, New Rochelle, N. Y. Electric lamp. 2,127,756; Aug. 23.

Rumford Chemical Works. (See Fiske, Augustus H., assignor.)

Ruprecht, Louis. (See Sheldon, William M., assignor.)

Ryan Coffee Corporation. (See Ryan, W. M., and Bold, assignors.)

Ryan, William M., and J. W. Bold, assignors to Ryan Coffee Corporation, Brooklyn, N. Y. Capping and sealing apparatus. 2,127,964; Aug. 23.

Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,127,845; Aug. 23.

Ryder, John D., South Euclid, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,127,846; Aug. 23.

Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb indicator. 2,127,833; Aug. 23.

Sabaneeff, Basil, New York, N. Y. Mask. 2,127,620; Aug. 23.

Saeger, Charles M., Jr., Bowmanstown, Pa. Foundry practice. 2,127,533; Aug. 23.

Saeger, Charles M., Jr., Bowmanstown, Pa. Process and product for coating molds and cores. 2,127,534; Aug. 23.

Saeger, Charles M., Jr., Bowmanstown, Pa. Core binder. 2,127,535; Aug. 23.

St. Joseph Lead Company. (See Najarian, Herand K., assignor.)

Sandberg, Rolf A. F. (See Bast, F. J., and Sandberg.)

Sanford, Roy S., New York, N. Y., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,128,165; Aug. 23.

Santini, Danilo, Chicago, Ill., and K. M. White, Tenafly, N. J., assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Regulating apparatus. 2,128,056; Aug. 23.

Saracco, Peter, assignor of one-third to C. Dannen, San Francisco, and one-third to W. H. Brown, Palo Alto, Calif. Beacon light. 2,127,757; Aug. 23.

Sarazin, Raoul R. R., St.-Prix, France. Vibration reducing device. 2,127,888; Aug. 23.

Schaefer, George P. (See Kimball, W. D., Braren, and Schaefer.)

Schimpf, Franz, assignor to Hugo Schneider Aktiengesellschaft, Leipzig, Germany. Closure device. 2,127,785; Aug. 23.

Schindhelm, Hans, Frankfort-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polyazo dyestuffs. 2,128,153; Aug. 23.

Schindler, Frank N., assignor to A. Brandwein & Co., Chicago, Ill. Spring coil handling apparatus. 2,128,057; Aug. 23.

Schinzel, Charles, Troppau, Czechoslovakia. Manufacture of sound records. 2,127,786; Aug. 23.

Schlumbohm, Peter, assignor of fourteen per cent to G. Von Seebeck, New York, N. Y. Enhancing the safety of liquid fuel. 2,127,536; Aug. 23.

Schmid, Emil, Washington, D. C. Track for highways. 2,127,701; Aug. 23.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Elastic coupling. 2,127,942; Aug. 23.

Schmidt, Godfrey H., and H. C. Behrens, assignors to Duplex Printing Press Company, Battle Creek, Mich. Folder. 2,128,167; Aug. 23.

Schmidt, Martin, Kassel-Land, Germany. Water tube steam generator. 2,127,787; Aug. 23.

Schmidt, Richard W., Redondo Beach, assignor, by mesne assignments, to The Evanston Company, Los Angeles, Calif. Decolorizing and filtering agent. 2,127,702; Aug. 23.

Schmidt, Theo. Dortmund, assignor to G. Polysius, Aktiengesellschaft, Dessau, Germany. Centrifugal separator. 2,128,166; Aug. 23.

Schmitz, William L., Los Angeles, Calif. Internal combustion engine. 2,127,758; Aug. 23.

Schmutzler, Clarence G., Beaver Dam, Wis. Funnel. 2,127,788; Aug. 23.

Schneider, Hugo. Aktiengesellschaft. (See Schimpf, Franz, assignor.)

Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heinitz, Woldemar, assignor.)

Schulte, Fritz, Philadelphia, assignor to J. L. H. Hand, Bala-Cynwyd, Pa. Nautical instrument. 2,127,847; Aug. 23.

Schultis, Carl T. (See Schindhelm, H., and Schultis.)

Schulz, Hugo O., Grantwood, N. J. Automobile crib construction. 2,128,168; Aug. 23.

Schuricht, Carl, Hollis, N. Y., assignor to M. R. Nydegger, Summit, N. J. Needle bed for knitting machines. 2,127,537; Aug. 23.

Schwalb, Jakob. (See Göhre, Schwalb and Speichert.)

Schwenke, Victor G., assignor to Briggs Manufacturing Company, Detroit, Mich. Applying abrading disks to grinding or polishing machines. 2,127,703; Aug. 23.

Scovill Manufacturing Company. (See Barlow, William H., assignor.)

Sears, Roebuck and Co. (See Horsrud, Ole, assignor.)

Sechrist, Charles F., Seattle, Wash. Egg case filler. 2,128,015; Aug. 23.

Seiger, Harry W., Los Angeles, Calif. Signaling device. 2,127,538; Aug. 23.

Séné, Léon P., Louveciennes, France. Apparatus for inhalations. 2,127,802; Aug. 23.

Sexton, Wilfred A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture and application of carbazole derivatives. 2,128,101; Aug. 23.

Shane, C. B., Corporation. (See Shane, Conrad B., assignor.)

Shane, Conrad B., Wilmette, assignor to C. B. Shane Corporation, Chicago, Ill. Overcoat. 2,128,193; Aug. 23.

Shanley, Francis R., Takoma Park, Md., assignor to the Government of the United States of America, as represented by the Secretary of the Navy. Safety indicator for airplanes. 2,128,169; Aug. 23.

Shaw, Albert D., New York, N. Y. Electric alarm mat. 2,128,058; Aug. 23.

Sheldon, William M., Roselle Park, assignor to L. Ruprecht, Montclair, N. J. Reducing mill. 2,128,194; Aug. 23.

Shell Development Company. (See Eichwald, Egon, assignor.)

Shell Development Company. (See Tulleners, Anton J., assignor.)

Shenk, William E., East Orange, and B. M. Larsen, Elizabeth, N. J., assignors to United States Steel Corporation, New York, N. Y. Method and apparatus for determining the temperatures of molten baths. 2,127,889; Aug. 23.

Sheppard, Joel F., and C. J. Manuel, Dover, N. H., and W. A. Pringle, assignors to American Sales Book Company, Inc., Niagara Falls, N. Y. Strip feed mechanism for record machines. 2,127,704; Aug. 23.

Sheppard, Samuel E., and R. C. Houck, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions. 2,127,573; Aug. 23.

Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Overshot. 2,128,102; Aug. 23.
Siegert, Walter, assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Fusible stop for faucets. 2,128,059; Aug. 23.
Siemens-Schuckertwerke Aktiengeselischaft. (See Hintze, Rudolf, assignor.)
Silhavy, John F., Saginaw, Mich. Method of and apparatus for producing wort or the like. 2,127,759; Aug. 23.
Silhouette Form Co. Inc. (See Rock, Ida R., assignor.)
Sills, Ellery M. and N. A., Portland, Oreg. Automatic safety brake device. 2,127,890; Aug. 23.
Sills, Norman A. (See Sills, Ellery M. and N. A.)
Silverstein, Jacob. (See Parnell, Walter H., assignor.)
Simplex Time Recorder Co. (See Watkins, Edward G., assignor.)
Sinclair Prairie Oil Company. (See Milton, George R., assignor.)
Sinclair Refining Company. (See Gullette, Willis S., assignor.)
Sindl, Otto, Paris, France, and G. Frank, Moedling, near Vienna, Austria, assignors to "Afag" Finanzierungs A. G., Schaffhausen, Switzerland. Stabilization of cellulose esters. 2,127,789; Aug. 23.
Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
Singer Manufacturing Company, The. (See Zonis, Sydney, assignor.)
Sinko, John, Chicago, Ill. Cigar lighter. 2,128,016; Aug. 23.
Sinko, John, Chicago, Ill. Cigar lighter. 2,128,017; Aug. 23.
Sipp-Eastwood Corporation. (See Kent, Frederick, assignor.)
Sisson, Glen R., Pendleton, Ind. Mixture control for internal combustion engines. 2,127,653; Aug. 23.
Skidmore, Isaac E., Fair Oaks, Calif. Folding bed. 2,128,018; Aug. 23.
Slater, Homer B., Pittsburgh, Pa., assignor to Koppers-Rheolaveur Company. Washer for coal and the like. 2,127,987; Aug. 23.
Sleeper, Harvey P., Short Hills, N. J. Phase sequence and voltage indicating means. 2,128,019; Aug. 23.
Slotta, Max A., Chicago, Ill. Making screw threading dies. 2,127,574; Aug. 23.
Smilack, Jacob, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,020; Aug. 23.
Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Amino-nitro-cyclohexyl-phenols. 2,128,195; Aug. 23.
Smith, Franklin S., New Haven, Conn. Adhesive. 2,127,540; Aug. 23.
Smith, George H., Elmhurst, Ill. Basket. 2,128,174; Aug. 23.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,021; Aug. 23.
Smith, L. C., & Corona Typewriters, Inc. (See Gabrielson, William A., assignor.)
Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid dispensing device. 2,127,848; Aug. 23.
Smith, Lewis R., and W. A. Minkler, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,127,539; Aug. 23.
Smith, S. Morgan, Company. (See Bischoff, Robert, assignor.)
Smith, S. Morgan, Company. (See Jessop, George A., assignor.)
Smithe, F. L., Machine Co. (See Novick, Abraham, assignor.)
Smoot, Hommie L. G., Whitfield, Miss. Fishing rod holder. 2,127,790; Aug. 23.
Snader, Howard B., Temple, assignor to Vanity Fair Silk Mills, Reading, Pa. Panties with shape-retaining cuffs. 2,127,541; Aug. 23.
Snouffer, Harry O. (See Kotchaver, I. E., and Snouffer.)
"Societa Ingranaggi Mammano". (See Mammano, Benedetto, assignor.)
Sonne, Edward C. (See Huston, R., and Sonne.)
Southwell, H. & M., Limited. (See Jameson, Herbert M., assignor.)
Sparks, Uvalda, assignor of fifty per cent to W. M. Mitchell, Sparta, Tenn. Furrow opening attachment for corn planters. 2,128,022; Aug. 23.
Specht, Harry G., Montclair, and N. W. Webb, Belleville, assignors to Eastwood-Nealley Corporation, Belleville, N. J. Suction box conditioner. 2,128,023; Aug. 23.
Speichert, Paul. (See Göhre, K. R., Schwalb, and Speichert.)
Spicer, Grover C., Lyndhurst, and O. J. Lange, Fairview, Ohio. Camera shutter. 2,127,705; Aug. 23.
Spindell, Isaiah F., Lynn, Mass. Colostomy pouch apparatus. 2,127,834; Aug. 23.
Spratt, George G., Coatesville, Pa. Aircraft. 2,128,060; Aug. 23.
Stackpole Carbon Company, The. (See Hathorn, Clarence J., assignor.)
Staley, Joseph H., assignor to Electric Switch Corporation, Columbus, Ind. Selective actuator for mercury switches. 2,127,760; Aug. 23.
Standard Computing Scale Company, The. (See Jaenichen, Louis, assignor.)
Standard-Knapp Corporation. (See Kimball, W. D., Braren, and Schaefer, assignors.)
Standard Oil Company. (See Adams, E. W., and MacLaren, assignors.)
Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
Standard Oil Company of California. (See Webster, Frederick A., Jr., assignor.)
Standard Oil Development Company. (See Cibulka, Alois, assignor.)
Standard Oil Development Company. (See Ellis, Carleton, assignor.)
Standard Oil Development Company. (See Stratford, Reginald K., assignor.)
Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)
Standard Stoker Company (1922), The. (See MacKenzie, Joseph B., assignor.)
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Starling, Edmund M., Valdosta, Ga. Door latch guard. 2,127,891; Aug. 23.
Staud, Cyril J., and J. L. Connelly, Rochester, N. Y., assignors to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions. 2,127,621; Aug. 23.
Steinhart, Hermann. (See Baumgratz, E., Kratz, and Steinhart.)
Stere, Henry B. (See Derr, R. B., and Stere.)
Stevens, Henry P., and J. W. W. Dyer, London Bridge, assignors, by mesne assignments, to The British Rubber Producers Research Association, London, England. Apparatus for purifying rubber latex and like dispersions. 2,127,791; Aug. 23.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling apparatus. 2,127,892; Aug. 23.
Stitzer, Ralph B., Sheffield, Ala. Electrical carbonization of coal. 2,127,542; Aug. 23.
Stockton, Jack P., Spring Lake, N. J. Bridge playing device. 2,127,622; Aug. 23.
Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Leak check for hydraulic brakes. 2,127,849; Aug. 23.
Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Making corrugated flexible tubes. 2,127,943; Aug. 23.
Story & Clark Piano Company. (See Worthington, Everett, assignor.)
Stransky Products Corporation. (See Weil, William H., assignor.)
Stratford, Reginald K., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Treating hydrocarbon distillates. 2,127,654; Aug. 23.
Strid, Sven J., Chicago, Ill., and S. O. Taylor, St. Louis, Mo., assignors to Evans Products Company, Detroit, Mich. Loading device. 2,127,965; Aug. 23.
Strid, Sven J., Chicago, Ill., and S. O. Taylor, St. Louis, Mo., assignors to Evans Products Company, Detroit, Mich. Loading device. 2,127,966; Aug. 23.
Stromgren, Charles D., Los Angeles, Calif. Piston ring groove and land tool. 2,127,893; Aug. 23.
Stromquist, Vidmar B., Farmington, and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Planetary transmission. 2,127,655; Aug. 23.
Stull, Harold W., Washington, D. C. Article for breaking in tobacco pipes. 2,128,170; Aug. 23.
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Paget, Win W., assignor.)
Sumner, Bowater B. (See Fenstermacher, J. D., and Sumner.)
Superior Manufacturing Company. (See Leslie, George F., assignor.)
Sutter, Theodor, Basel, Switzerland, assignor to Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,127,894; Aug. 23.
Swift, William, and L. R. Perkins, assignors to Joseph Lucas Limited, Birmingham, England. Turning lathe. 2,127,792; Aug. 23.
Symington-Gould Corporation. (See Blattner, Emil H., assignor.)
Taft, Marian H., Washington, D. C. Garment form and producing the same. 2,128,024; Aug. 23.
Tagliabue, Charles J., Mfg. Co. (See Bast, F. J., and Sandberg, assignors.)
Talbot, Harry W., San Francisco, Calif. Cocktail glass cooler. 2,127,706; Aug. 23.
Talon, Inc. (See Carlile, Alfred E., assignor.)
Tamerlane, Rex L., Portland, Oreg., assignor to Columbia Steel Casting Company. Lower tumbler bearing seal for submersible bucket dredges. 2,127,493; Aug. 23.
Tanner, Robert R., assignor to Parker-Wolverine Company, Detroit, Mich. Reproducing images. 2,127,944; Aug. 23.
Tarrant, Harold, Sydney, New South Wales, Australia. Cooking utensil. 2,127,988; Aug. 23.
Tasker, George H. (See Placke, E. H., and Tasker.)
Taylor, Steadman O. (See Strid, S. J., and Taylor.)

Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Confection machine. 2,127,850; Aug. 23.
Teleregister Corporation, The. (See Herbst, John A., assignor.)
Tepper, Joseph, Boston, Mass. Easel. 2,127,494; Aug. 23.
Terry, Paul H., Larchmont, N. Y. Production of motion pictures of the animated cartoon type. 2,127,656; Aug. 23.
Texas Company, The. (See Hendrey, Waldersee B., assignor.)
Thissen, Hugh. (See Richter, E., and Thissen.)
Thomas, Albert G., Lynchburg, Va. Self generating phototube. 2,128,103; Aug. 23.
Thomas, Albert G., Lynchburg, Va. Phototube. 2,128,104; Aug. 23.
Thomas & Betts Co., The. (See Church, Lewis H., assignor.)
Thomas, Phillips, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 2,128,061; Aug. 23.
Thomas, William E., assignor to Lance Packing Company, Charlotte, N. Y. Display stand. 2,127,967; Aug. 23.
Thompson, John W., and V. E. Metcalfe, Puebla, Mexico. Induction thermostatic device. 2,127,575; Aug. 23.
Thompson Products Incorporated. (See Graham, M. P., Hufferd, and Casse, assignors.)
Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Locking mechanism for motor vehicles. 2,127,543; Aug. 23.
Tighe, John J., assignor to Norton Company, Worcester, Mass. Relief print. 2,128,105; Aug. 23.
Tinnerman, Albert H. (See Lombard, Herman G., assignor.)
Tingle, William E., Butte, Nebr. Parachute. 2,127,895; Aug. 23.
Tinnerman, Albert H. (See Lombard, Herman G., assignor.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Walner, assignors.)
Titeflex Metal Hose Co. (See Stone, R. Harry, assignor.)
Toepperwein, Ferdinand L. (See Dailey, Hiram H., assignor.)
Topham, Laurence E., Wenham, and C. L. Knott, Beverly, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 2,127,707; Aug. 23.
Tower, Miles E., Spokane, Wash. Gauge rod. 2,127,835; Aug. 23.
Tranin, Samuel, Kansas City, Mo. Dried egg product and producing the same. 2,127,945; Aug. 23.
Tret-O-Lite Company, The. (See De Groote, Melvin, assignor.)
Troeller, Grace E., St. Albans, assignor to Durex Products, Incorporated, New York, N. Y. Applicator. 2,127,946; Aug. 23.
Truscon Steel Company. (See Gorar, Louis J., assignor.)
Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensating means. 2,128,106; Aug. 23.
Tubize Chatillon Corporation. (See Lea, William G., assignor.)
Tullemers, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of nitrogen base salts of acid alkyl esters. 2,127,495; Aug. 23.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Circulating heater. 2,128,171; Aug. 23.
Tunnel and Mine Machinery Company. (See Warner, A. W., and Ballard, assignors.)
Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Manufacture of shoe bottom units. 2,127,634; Aug. 23.
Twin Disc Clutch Company. (See Batten, Percy H., and Dunkelow, assignors.)
Tyrer, Daniel, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Conversion of metal sulphides. 2,128,107; Aug. 23.
Tyrer, Daniel, and A. M. Clark, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Manufacture of sulphuric acid. 2,128,108; Aug. 23.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,127,657; Aug. 23.
Union Special Machine Company. (See Chistensen, N. V., and Rubel, assignors.)
Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
United Hosiery Mills Corporation. (See Marshall, John L., assignor.)
United Shoe Machinery Company. (See Turner, Chester D., assignor.)
United Shoe Machinery Corporation. (See Topham, L. E., and Knott, assignors.)
U. S. Bottlers Machinery Company. (See Risser, Ivan H., assignor.)
United States Gypsum Company. (See Reade, Ralph W. B., assignor.)
United States Steel Corporation. (See Shenk, W. E., and Larsen, assignors.)
Universal Slack Adjuster Company. (See James, Thomas, Jr., assignor.)
Urfer, Adolf, New Rochelle, assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Rate of climb instrument. 2,127,836; Aug. 23.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel and mounting. 2,128,213; Aug. 23.
Vanity Fair Silk Mills. (See Snader, Howard B., assignor.)
Vogel, Max, Frankfort-on-the-Main, Germany. Envelope. 2,128,196; Aug. 23.
Vohrer, Herbert, Berlin, Germany. Producing elastic objects from polyvinyl alcohols. 2,127,896; Aug. 23.
Von Holtz, Charles T., assignor to H. Hubbell, Incorporated, Bridgeport, Conn. Waterproof rubber covering for cord connecter. 2,127,544; Aug. 23.
Von Mutzenbecher, Paul. (See Bockmühl, M., Ludwig, and von Mutzenbecher.)
Von Seebeck, George. (See Schlumbohm, Peter, assignor.)
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dewaxing system. 2,127,708; Aug. 23.
Wadhams, Frederick E., assignor to Lincoln-Schlueter Floor Machinery Co., Inc., Chicago, Ill. Floor surfacing machine. 2,127,851; Aug. 23.
Wagner, Arthur M. (See Brown, M., and Wagner.)
Walner, Eugene. (See Kinzie, C. J., and Walner.)
Waldeck, William F., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company. Purifying caustic soda. 2,127,496; Aug. 23.
Walker, William K., assignor to American Radiator Company, New York, N. Y. Depth gauge. 2,128,215; Aug. 23.
Wallace, James D., Washington, D. C. Radio frequency current measuring device. 1,127,545; Aug. 23.
Walterspiel, Alfred, Munich, Germany. Electric culinary oven. 2,127,658; Aug. 23.
Walther, Carl, Waffenfabrik. (See Walther, Georg, assignor.)
Walther, Georg, Zella-Mehlis, assignor to the firm Carl Walther, Waffenfabrik, Zella-Mehlis, Thuringia, Germany. Automatic pistol. 2,127,793; Aug. 23.
Walton, William C. (See Kemp, A. Winckler, and Walton.)
Ward, Royal V., Upland, Calif. Reinforcing means for concrete structures. 2,128,062; Aug. 23.
Warner, Arthur W., Media, and R. F. Ballard, Chester, assignors to Tunnel and Mine Machinery Company, Philadelphia, Pa. Block placing apparatus. 2,128,172; Aug. 23.
Warshawsky, Isador, assignor of twenty-eight and one-third percent to J. Warshawsky and twenty-eight and one-third percent to N. Warshawsky, Brooklyn, N. Y. Electric clock. 2,127,635; Aug. 23.
Warshawsky, Jacob, et al. (See Warshawsky, Isador, assignor.)
Warshawsky, Nettie, et al. (See Warshawsky, Isador, assignor.)
Warwick Chemical Co. (See Chamberlin, Dale S., assignor.)
Wastman, Gothard, Husumverken, Sweden. Dispensing device. 2,127,794; Aug. 23.
Watkins, Edward G., assignor to Simplex Time Recorder Co., Gardner, Mass. Card-controlled impression mechanism. 2,127,897; Aug. 23.
Webb, Nelson W. (See Specht, H. G., and Webb.)
Webster, Frederick A., Jr., Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Lubricating grease. 2,127,497; Aug. 23.
Webster, Homer F., Neillsville, Wis. Low voltage fence charger. 2,127,898; Aug. 23.
Webster, Murrie M., Washington, D. C., and J. L. Finck, New York, N. Y., assignors to American Asbestos Co. Inc., Baltimore, Md. Heat insulator. 2,127,636; Aug. 23.
Wehman, William T., Elyria, Ohio, assignor to National Tube Company. Mandrel-bar cap. 2,128,032; Aug. 23.
Weil, Harry, Buffalo, N. Y. Clip for meats and the like. 2,127,623; Aug. 23.
Weil, William H., Hollis, assignor to Stransky Products Corporation, New York, N. Y. Box or carton and blank therefor. 2,128,197; Aug. 23.
Weiss, Le Roy, Milwaukee, Wis. Tongs. 2,127,947; Aug. 23.
Wenzel, Charles S., assignor of one-fifth to J. P. Markham, Jr., and two-fifths to M. C. Jarvis, Houston, Tex. Building construction. 2,127,837; Aug. 23.
Western Electric Company. (See Brown, M., and Wagner, assignors.)
Western Electric Company. (See Johnstone, Harold G., assignor.)
Western Electric Company. (See Mehlhouse, Harvey G., assignor.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Cameron, Mortimer B., assignor.)
Westinghouse Air Brake Company, The. (See Canetta, John, assignor.)
Westinghouse Air Brake Company, The. (See Farmer, C. C., and Hewitt, assignors.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)

Westinghouse Air Brake Company, The. (See Landis, William C., assignor.)
Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)
Westinghouse Electric Elevator Company. (See Santini, D., and White, assignors.)
Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, B. O., and Willby, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bahls, Walter E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Davis, Robert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fischer, Frederick K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Grabner, Alfred, assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hensel, F. R., and Larsen, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hills, Paul E., assignor.)
Westinghouse Electric & Manufacturing Company. (See James, William G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kovalsky, Joseph F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lowry, Erwin F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mains, Gerald H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Robinson, Edward L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, L. R., and Minkler, assignors.)
Westinghouse Electric & Manufacturing Company. (See Thomas, Phillips, assignor.)
Westinghouse Electric & Manufacturing Company. (See Tubbs, Lester G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tubbs, Lester G., assignor.)
Westinghouse Electric Instrument Corporation. (See Lamb, Anthony H., assignor.)
Westphal, Paul A., Los Angeles, Calif. Flexible fastener and the like. 2,127,498; Aug. 23.
Westwang, Marcus, Kalispell, Mont. Table bench or trestle. 2,127,899; Aug. 23.
Whedon, Le Grand S., Medina, N. Y. Convertible vehicle structure. 2,127,795; Aug. 23.
White, Arthur J., Cleveland Heights, Ohio, assignor to General Electric Company. Making stems for sealed electrical devices. 2,128,173; Aug. 23.
White, Kenneth M. (See Santini, D., and White.)
Whitehead, William. (See Dreyfus, C., and Whitehead.)
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Preparation and use of textile threads. 2,127,624; Aug. 23.
Whittier, Leon A., Santa Barbara, Calif. Relief map. 2,127,546; Aug. 23.
Widman, Charles H., and A. H. Haberstump, Detroit, Mich., assignors to The Murray Corporation of America. Window finish strip. 2,127,499; Aug. 23.
Wiezevich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Condensed blending agent and lubricant. 2,128,109; Aug. 23.
Willard, John R., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Marking plate. 2,127,576; Aug. 23.
Willby, Norman H. (See Austin, B. O., and Willby.)
Williams, Harold W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,128,063; Aug. 23.
Willis, Orvis C., Rodessa, La. Bearing structure. 2,127,796; Aug. 23.
Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Instrument for measuring ultra-violet light. 2,128,110; Aug. 23.
Wilson-Jones Company. (See Unger, Paul O., assignor.)
Winckler, Herman. (See Kemp, A., Winckler, and Walton.)
Windaus, Adolf, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. 22,23-dihydroergosterol and manufacture thereof. 2,128,198; Aug. 23.
Windaus, Adolf, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antirachitically active product. 2,128,199; Aug. 23.
Winkler, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of valuable hydrocarbons. 2,127,577; Aug. 23.
Winthrop Chemical Company. (See Bockmühl, M., Ludwig, and von Mutzenbecher, assignors.)
Winthrop Chemical Company. (See Windaus, Adolf, assignor.)
Wittcoff, Edward, University City, Mo. Headwear. 2,127,797; Aug. 23.
Wittenmyer, Carlos, Mount Clemens, Mich. Paper positioning apparatus for typewriters. 2,127,798; Aug. 23.
Wolfes, Otto, and O. Hromatka, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Esters of pseudotropine and their production. 2,127,547; Aug. 23.
Wolff, Claude G. (See Clarkson, R. G., and Wolff.)
Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,128,064; Aug. 23.
Woods, Gorham W. and H. B., assignors to Hughes Tool Company, Houston, Tex. Welded tool joint. 2,128,111; Aug. 23.
Woods, Henry B. (See Woods, Gorham W. and H. B.)
Worth Company, The. (See Eckermann, Leo A., assignor.)
Worth Company, The. (See Nampa, Sulo M., assignor.)
Worthington, Everett, assignor to Story & Clark Piano Company, Chicago, Ill. Piano casing top construction. 2,127,948; Aug. 23.
Wyman, George R., East Walpole, Mass. Gasket holder. 2,127,578; Aug. 23.
Yarnall-Waring Company. (See McKee, John F., assignor.)
York, Jean F. (See Lippert, L. H., and York.)
York, Victor, Whittier, Calif. Tubing catcher. 2,127,900; Aug. 23.
Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
Yosemite Portland Cement Corporation. (See McCanless, W. A., and Henderson, assignors.)
Zellstoffabrik Waldhof. (See Freitag, Friedrich, assignor.)
Zeman, Paul, New York, N. Y. Folding ladder. 2,127,949; Aug. 23.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling device for sewing machines. 2,128,033; Aug. 23.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 23D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Drawing instrument. K. Rabe. Re. 20,834; Aug. 23.
Thermostatically controlled device. J. A. Spencer. Re. 20,835; Aug. 23.

LIST OF PLANT INVENTIONS

Rose. J. H. Nicolas. 285; Aug. 23.
Rose plant. J. Gaujard. 284; Aug. 23.
Tree, Peach. R. W. Fair. 283; Aug. 23.

LIST OF DESIGN INVENTIONS

Aircraft. A. P. de Seversky. 111,040–2; Aug. 23.
Airplane. A. P. de Seversky. 111,043; Aug. 23.
Alphabet for monograms. L. Wise. 111,052; Aug. 23.
Booth or similar article, Display. B. E. Levin and R. A. Winchendon. 111,048; Aug. 23.
Bottle. A. Rzadkowolski. 111,031; Aug. 23.
Box. R. Guerlain. 111,025; Aug. 23.
Brush, Clothes. R. A. Paisley. 111,002; Aug. 23.
Brush or the like. M. H. Partridge and F. W. Weltzel. 111,003; Aug. 23.
Cabinet, Ironing machine. H. W. Altorfer. 110,992; Aug. 23.
Chair. I. Salomon. 111,032; Aug. 23.
Clasp, Collar. F. R. Yost. 110,990; Aug. 23.
Coat. A. Carnicelli. 111,014; Aug. 23.
Coat. D. Coplin. 110,958; Aug. 23.
Coat. F. Lato. 110,970; Aug. 23.
Coat. J. A. Silverman. 110,983–4; Aug. 23.
Comb and curler, Combination. L. N. Johnson. 110,999; Aug. 23.
Control for radio and like apparatus, Hand. L. S. Bellem, Jr. 110,995; Aug. 23.
Cooker pail. H. H. Dulany. 111,019; Aug. 23.
Cutter, Food. H. Van Doren. 110,989; Aug. 23.
Desk and chair, Combined. W. J. Bargen. 110,953; Aug. 23.
Dispenser, Package. G. W. Knipple and N. L. Mercer. 110,967; Aug. 23.
Door handle or similar article for an automotive vehicle, Outside. E. S. Carlson. 111,012–13; Aug. 23.
Door handle or similar article for an automotive vehicle, Outside. G. E. Curtiss. 111,016; Aug. 23.
Dress. A. Cohen. 111,036; Aug. 23.
Dress. T. Coleman. 111,015; Aug. 23.
Dress. L. Decker. 111,017–18; Aug. 23.
Dress. J. Dublirer. 111,037–8; Aug. 23.
Dress. S. Epstein. 111,022; Aug. 23.
Dress. M. Michelson. 111,028; Aug. 23.
Dress. S. Zahn. 111,039; Aug. 23.
Fabric, Embroidered. J. Picirilli. 110,979; Aug. 23.
Fabric or similar article, Textile. J. Helm. 111,054; Aug. 23.
Fabric or similar article, Textile. N. Marcus. 111,049–50; Aug. 23.
Fabric or similar article, Textile. M. Turpan. 111,056; Aug. 23.
Fabric or similar article, Textile. A. Zavell. 111,053; Aug. 23.
Fabric, Textile. H. M. Goldman. 110,961–3; Aug. 23.
Fabric, Textile. H. M. Goldman. 111,044–5; Aug. 23.
Fabric, Textile. B. M. Kaufman. 110,966; Aug. 23.
Fabric, Textile. G. Megibow. 111,055; Aug. 23.
Fabric, Tinsel textile. M. Guhl. 110,964; Aug. 23.
Faucet and soap dish, Combined. L. Bloch. 111,011; Aug. 23.
Fur topper. B. Reineman. 111,051; Aug. 23.
Handbag. I. Pichel. 111,030; Aug. 23.
Heater, Electric. C. Knox and A. M. Dickie. 111,000; Aug. 23.
Heater, Space. J. G. Rideout. 111,004; Aug. 23.
Heater, Water. J. R. Morgan. 111,001; Aug. 23.
Holder and grab rail, Combination soap. J. H. Balmer. 110,952; Aug. 23.
Inclinometer or the like. W. H. Reardon. 110,980; Aug. 23.
Jar. C. R. Underwood. 111,034–5; Aug. 23.
Lamp for use in cinema studios, Projection. G. S. Barrett. 110,954; Aug. 23.
Lay figure. R. L. Chisholm. 110,957; Aug. 23.
Lens or the like article, Lighting fixture. J. Levy. 110,972; Aug. 23.
Lighting fixture body. P. Parlato. 110,977; Aug. 23.
Mill, Coffee. H. Van Doren. 110,988; Aug. 23.
Mirror, Illuminable hand. F. A. Leisen. 110,968–9; Aug. 23.
Nail, Decorative. J. Eltinger. 111,020–1; Aug. 23.
Negligee. E. E. Stricker. 110,986; Aug. 23.
Radio and lamp, Combined. C. H. Allen. 110,991; Aug. 23.
Range. J. Teller and A. P. Schulz. 110,987; Aug. 23.
Range. J. Teller and A. P. Schulz. 111,006–10; Aug. 23.
Receptacle for food or liquid, Insulated. J. R. Morgan. 111,029; Aug. 23.
Ring. M. Goodman. 110,997; Aug. 23.
Ring, Finger. M. Goodman. 111,023; Aug. 23.
Ring, Initial. M. Goodman. 111,024; Aug. 23.
Sadiron or similar article. R. I. Huffman. 110,998; Aug. 23.
Sadiron or similar article. A. S. Knapp. 111,046; Aug. 23.
Shears. A. A. Lincoln. 111,027; Aug. 23.
Shoe. D. Gilbert. 110,960; Aug. 23.
Shoe. B. F. Parrelli, Jr. 110,978; Aug. 23.
Shoe or similar article. L. Sholtz. 110,982; Aug. 23.
Slipper. I. Berman. 110,955–6; Aug. 23.
Soap, Cake of. F. N. Lewis. 110,971; Aug. 23.
Stand, Floral display. R. A. Norton. 110,976; Aug. 23.
Sweeper, Carpet. E. R. Smith. 111,033; Aug. 23.
Switch or the like, Electrical. E. V. Lavallee. 111,047; Aug. 23.
Syringe, Hydrometer. C. J. Dunzweiler. 110,959; Aug. 23.
Tire. W. E. Hardeman. 110,965; Aug. 23.
Tool, Combination. W. R. Hosford. 111,026; Aug. 23.
Tool unit, Power driven hand. P. F. Sperry. 111,005; Aug. 23.
Toy airplane. L. F. Mueller. 110,975; Aug. 23.
Truck body for litter carrier or the like. R. G. Ferris. 110,996; Aug. 23.
Tub, Washing machine. J. J. McCabe. 110,973–4; Aug. 23.
Vaporizer, Electric. J. Robinson. 110,981; Aug. 23.
Washing machine and drier, Combined. H. W. Altorfer. 110,993–4; Aug. 23.
Wire stitching machine. W. O. Sims and E. J. Rodda. 110,985; Aug. 23.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 23D DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading device. F. Postma. 2,127,528; Aug. 23.
Acid in liquids, Absorption of hydrochloric. F. W. Pardee, Jr. 2,127,571; Aug. 23.
Acid, Manufacture of sulphuric. D. Tyrer and A. M. Clark. 2,128,108; Aug. 23.
Acid, Purifying tetraphosphoric. A. H. Fiske. 2,127,182; Aug. 23.
Acids, Hydrogenating fatty. O. Brücke. 2,127,716; Aug. 23.
Actuator. W. R. Ray. 2,127,961; Aug. 23.
Actuator for mercury switches, Selective. J. H. Staley. 2,127,760; Aug. 23.
Adhesive. F. S. Smith. 2,127,540; Aug. 23.
Agglomerate, Concretionary. H. K. Najarian. 2,127,632; Aug. 23.
Air conditioning apparatus. M. Baruch and R. E. Phillips. 2,127,581; Aug. 23.
Air conditioning method. M. Baruch and R. E. Phillips. 2,127,582; Aug. 23.
Air conditioning system for aeroplanes or the like. R. B. P. Crawford. 2,127,993; Aug. 23.
Aircraft. G. G. Spratt. 2,128,060; Aug. 23.
Airplane catapult. H. C. Richardson and W. M. Fellers. 2,127,531; Aug. 23.
Alarm mat, Electric. A. D. Shaw. 2,128,058; Aug. 23.
Aliphatic compounds, Sulphated. F. W. Muncie. 2,127,567; Aug. 23.
Alkoxy derivatives of methacrylic acid esters and producing them. R. A. Jacobson. 2,128,208; Aug. 23.
Alloy. F. R. Hensel and E. I. Larsen. 2,127,596; Aug. 23.
Alloys, Sintered hard metal. J. Hinnüber. 2,128,146; Aug. 23.
Alloys, Working. E. L. Robinson. 2,128,054; Aug. 23.
Alumina production. R. B. Derr and H. B. Stere. 2,127,504; Aug. 23.
Aluminum surfaces, Coloring oxide-coated. R. E. Pettit. 2,127,885; Aug. 23.
Aminoanthraquinone compounds, Chlorination of. W. Dettwyler. 2,128,178; Aug. 23.
Amino-nitro-cycohexyl-phenols. F. B. Smith. 2,128,195; Aug. 23.
Anchoring device. J. W. Isett. 2,127,973; Aug. 23.
Annular automatic valve. A. Hoerbiger. 2,127,688; Aug. 23.
Antiskid device. A. F. Roth. 2,127,532; Aug. 23.
Apparatus for inhalations. L. P. Séné. 2,127,802; Aug. 23.
Apparatus for purifying rubber latex and like dispersions. H. P. Stevens and J. W. W. Dyer. 2,127,791; Aug. 23.
Appliance for the care of floors and stairs, Stick-handled. M. Plön. 2,127,886; Aug. 23.
Applicator. G. E. Troeller. 2,127,946; Aug. 23.
Arc discharge apparatus. C. Braband. 2,128,117; Aug. 23.
Arsenide and mixtures of arsenide and sulphide ores, Treating. P. D'Aragon. 2,127,859; Aug. 23.
Article for breaking in tobacco pipes. H. W. Stull. 2,128,170; Aug. 23.
Article of manufacture. F. R. Hensel and E. I. Larsen. 2,128,089; Aug. 23.
Autographic register. W. C. Pfeiffer. 2,127,750; Aug. 23.
Automatic rat trap. E. L. Harrison. 2,128,143; Aug. 23.
Automobile extractor. J. C. Coleman. 2,127,858; Aug. 23.
Automobile frame. N. T. Dietrich. 2,127,553; Aug. 23.
Bag: *See*—
Garment Bag.
Balance or weighing scale. H. H. Grainger. 2,127,995; Aug. 23.
Ball making machine. R. L. Dowdell. 2,127,585; Aug. 23.
Bandage machine. H. H. Dailey. 2,128,123; Aug. 23.
Bar: *See*—
Dividing bar. Doorknob bar.
Barometric condenser. F. K. Fischer. 2,127,908; Aug. 23.
Barrier, Beach protecting. J. J. O'Rourke. 2,128,012; Aug. 23.
Barrier for vehicular traffic. A. S. Jones. 2,127,690; Aug. 23.
Basket. G. H. Smith. 2,128,174; Aug. 23.
Beacon light. P. Saracco. 2,127,757; Aug. 23.
Bead, Flexible corner. J. F. Burt. 2,127,806; Aug. 23.
Bearing: *See*—
Self-lubricating bearing. Spindle bearing.
Bearing structure. O. C. Willis. 2,127,796; Aug. 23.
Bearings, Making. R. D. Pike. 2,127,937; Aug. 23.
Bed, Folding. I. E. Skidmore. 2,128,018; Aug. 23.
Bedspring display rack. H. J. Du Devoire. 2,127,555; Aug. 23.

Beehive. O. A. King. 2,128,000; Aug. 23.
Bench or trestle, Table. M. Westwang. 2,127,899; Aug. 23.
Beverage dispenser. L. E. Peters and L. H. Handy. 2,127,615; Aug. 23.
Binder, Core. C. M. Saeger, Jr. 2,127,535; Aug. 23.
Binder, Loose leaf. P. O. Unger. 2,127,657; Aug. 23.
Blank reversing and shaping mechanism. H. B. Jones. 2,128,186; Aug. 23.
Blank and forming press. J. H. Kindelberger. 2,127,820; Aug. 23.
Blending agent and lubricant, Condensed. P. J. Wiezevich. 2,128,109; Aug. 23.
Blind, Spring controlled Venetian. R. C. Pratt. 2,128,163; Aug. 23.
Block: *See*—
Building block.
Block placing apparatus. A. W. Warner and R. F. Ballard. 2,128,172; Aug. 23.
Board: *See*—
Pin board.
Bodies, Finishing grooved hollow metal. P. Cüppers. 2,127,809; Aug. 23.
Bodies, Forming porous. A. M. Harvey. 2,127,867; Aug. 23.
Bodies, Guiding long flexible. W. G. Lea. 2,127,606; Aug. 23.
Book assembly. S. R. Rosenthal. 2,127,619; Aug. 23.
Book stub holder, Adjustable. S. P. Johnson. 2,127,737; Aug. 23.
Bottle closure. M. Krueger. 2,127,776; Aug. 23.
Bottle holder. F. Benedetti. 2,128,114; Aug. 23.
Box conditioner, Suction. H. G. Specht and N. W. Webb. 2,128,023; Aug. 23.
Box or carton and blank therefor. W. H. Weil. 2,128,197; Aug. 23.
Boxing machine, Can. W. D. Kimball, G. I. Braren, and G. P. Schaefer. 2,127,924; Aug. 23.
Brake: *See*—
Fluid pressure brake. Variable load brake.
Thread guide brake.
Brake. B. R. Ellis. 2,127,557; Aug. 23.
Brake. F. C. Frank. 2,127,725; Aug. 23.
Brake. R. A. Goepfrich. 2,127,801; Aug. 23.
Brake. L. E. La Brie. 2,127,739–41; Aug. 23.
Brake. W. H. Parnell. 2,128,013; Aug. 23.
Brake control means. D. L. McNeal. 2,128,053; Aug. 23.
Brake device, Automatic safety. E. M. and N. A. Sills. 2,127,890; Aug. 23.
Brake drums, Producing. H. J. Horn. 2,127,597; Aug. 23.
Brassière and bust garment. R. McCabe. 2,127,927; Aug. 23.
Bridge playing device. J. P. Stockton. 2,127,622; Aug. 23.
Brookite and rutile from zircon and obtaining titanium oxide therefrom, Separating. C. J. Kinzie and E. Wainer. 2,127,664; Aug. 23.
Brush. C. Morgan. 2,128,011; Aug. 23.
Building block, Composition. C. A. Hadland. 2,127,914; Aug. 23.
Building construction. C. S. Wenzel. 2,127,837; Aug. 23.
Building structure. R. G. Godson. 2,128,137; Aug. 23.
Bulkhead, Freight car. H. J. Lee. 2,127,978; Aug. 23.
Burner: *See*—
Oil burner.
Button, Decorative. A. H. Levy. 2,128,095; Aug. 23.
Cabinet: *See*—
Dark cabinet. Mothproof cabinet.
Kitchen cabinet.
Cable securing hook and glider. A. F. Mantz. 2,128,007; Aug. 23.
Calculating machine. R. A. Christian. 2,127,673; Aug. 23.
Calendar, Record. L. F. Murguia. 2,127,612; Aug. 23.
Camera shutter. G. C. Spicer. 2,127,705; Aug. 23.
Can: *See*—
Oil can.
Cane and stand, Combined. P. Y. K.-Howat. 2,127,876; Aug. 23.
Cap: *See*—
Mandrel-bar cap.
Capping and sealing apparatus. W. M. Ryan and J. W. Bold. 2,127,964; Aug. 23.
Car loading device. L. A. Eckermann. 2,127,587; Aug. 23.
Car loading device. S. M. Nampa. 2,127,613; Aug. 23.
Car underframe. J. D. Fenstermacher and B. B. Sumner. 2,127,683; Aug. 23.

Carbazole derivatives, Manufacture and application of. W. A. Sexton. 2,128,101; Aug. 23.
Carburetor. B. P. Dawes. 2,128,079; Aug. 23.
Carburetor. S. F. Hunt. 2,127,735; Aug. 23.
Card holder. C. B. Esch. 2,127,906; Aug. 23.
Card perforating machine. R. Elliott. 2,127,681; Aug. 23.
Carding machine. M. L. Farrar. 2,128,130; Aug. 23.
Case filler, Egg. C. F. Sechrist. 2,128,015; Aug. 23.
Casein composition. C. Iddings. 2,127,843; Aug. 23.
Cash register. C. W. Green. 2,127,684; Aug. 23.
Casing top construction, Piano. E. Worthington. 2,127,948; Aug. 23.
Catalytic converter, Heat exchange. C. V. Herrmann. 2,127,561; Aug. 23.
Cement conveyer, Pneumatic. W. A. McCanless and R. R. Henderson. 2,127,693; Aug. 23.
Centrifugal separator. T. Schmidt. 2,128,166; Aug. 23.
Change making attachment for cash registers. H. C. Diesenrud. 2,127,642; Aug. 23.
Changeable sign. R. Huston and E. C. Sonne. 2,127,997; Aug. 23.
Chromium plating, Method of. M. Brown and A. M. Wagner. 2,127,640; Aug. 23.
Circuit controller. L. L. Manley. 2,127,608; Aug. 23.
Circuit controller, Rail operated. F. H. Richterkessing. 2,128,164; Aug. 23.
Circuit interrupter. H. C. Graves, Jr. 2,127,813; Aug. 23.
Circulating heater. B. W. Tullis. 2,128,171; Aug. 23.
Clamp for concrete form structures. W. A. Jennings. 2,127,562; Aug. 23.
Clamp: *See*—
Welding clamp.
Clamp for dresser couplings, Repair. J. F. Goddard. 2,127,627; Aug. 23.
Clasp for garment supporters. J. R. Parker. 2,127,666; Aug. 23.
Classifying apparatus. J. E. Graf and J. K. Lamoree. 2,127,511; Aug. 23.
Clip: *See*—
Supporting clip.
Clip for meats and the like. H. Weil. 2,127,623; Aug. 23.
Clock, Electric. I. Warshawsky. 2,127,635; Aug. 23.
Closure device. F. Schimpf. 2,127,785; Aug. 23.
Clutch control mechanism. H. W. and E. R. Price. 2,127,752; Aug. 23.
Clutch mechanism. P. H. Batten and H. J. Dunkelow. 2,127,713; Aug. 23.
Clutch mechanism. A. Y. Dodge. 2,127,719; Aug. 23.
Clutch members, Forming cone. C. M. Eason. 2,127,720; Aug. 23.
Coal, Electrical carbonization of. R. B. Stitzer. 2,127,542; Aug. 23.
Coating composition. W. E. Gloor. 2,128,136; Aug. 23.
Coating, sizing, and finishing compositions. O. F. Muller. 2,127,650; Aug. 23.
Coding and decoding apparatus. J. A. Herbst. 2,127,733; Aug. 23.
Coin controlled apparatus for dispensing machines. F. C. Du Grenier. 2,128,180; Aug. 23.
Cocktail glass cooler. H. W. Talbot. 2,127,706; Aug. 23.
Collapsible gas holder. K. Jagschitz. 2,127,519; Aug. 23.
Colostomy pouch apparatus. I. F. Spindell. 2,127,834; Aug. 23.
Comb, Fountain. C. M. Hickey. 2,128,183; Aug. 23.
Combustion control for internal combustion engines. E. B. Nowosielski. 2,127,983; Aug. 23.
Communication system, Ultra-high-frequency. H. O. Peterson. 2,127,572; Aug. 23.
Commutator. R. F. Carty. 2,127,549; Aug. 23.
Compensating means. L. G. Tubbs. 2,128,106; Aug. 23.
Compass, Magnetic. K. Martin. 2,127,878; Aug. 23.
Compounds of azoproteins with antimony, Preparing. M. Bockmühl, W. Ludwig, and P. von Mutzenbecher. 2,128,202; Aug. 23.
Compounds of azoproteins with heavy metals, Preparing. M. Bockmühl, W. Ludwig, and P. von Mutzenbecher. 2,128,201; Aug. 23.
Compressor. J. B. Cocanour. 2,127,550; Aug. 23.
Compressor lubricator. B. S. Aikman. 2,128,065; Aug. 23.
Computing apparatus. H. G. Johnstone. 2,127,644; Aug. 23.
Condensation products of high molecular albuminous split products. W. Gellendien. 2,127,841; Aug. 23.
Condenser: *See*—
Barometric condenser.
Condition controlling apparatus. A. J. Loepsinger. 2,128,096; Aug. 23.
Confection machine. W. J. Taylor. 2,127,850; Aug. 23.
Connecter for outlet boxes, Cable. M. J. Conners. 2,128,040; Aug. 23.
Connector. W. H. Barlow. 2,128,112; Aug. 23.
Contact, Tumbler. H. Junghans. 2,127,869; Aug. 23.
Container: *See*—
Freight container.
Container for pharmaceutical purposes. G. P. Hofmann. 2,127,918; Aug. 23.
Container for pneumatic tube conveyers. A. W. Cross. 2,127,500; Aug. 23.
Container loading apparatus. I. H. Risser. 2,128,192; Aug. 23.

Containers, Treating. J. F. Boyle and E. F. Glover. 2,127,548; Aug. 23.
Control device for the flaps of aircraft. R. Girard. 2,127,864; Aug. 23.
Control mechanism. L. R. Smith and W. A. Minkler. 2,127,539; Aug. 23.
Control mechanism for variable speed transmissions. R. Erban. 2,127,589; Aug. 23.
Control system. C. R. Hanna. 2,128,045; Aug. 23.
Control system. P. Thomas. 2,128,061; Aug. 23.
Converter having heat exchange members or wells for recording elements. T. B. Prickett. 2,127,529; Aug. 23.
Conveyer, Belt. G. Glossmann. 2,127,643; Aug. 23.
Cooking utensil. H. Tarrant. 2,127,988; Aug. 23.
Cooler: *See*—
Cocktail glass cooler.
Coupling: *See*—
Elastic coupling.
Hydrodynamic fluid coupling.
Coupling. E. H. Mueller. 2,127,611; Aug. 23.
Coupling mechanism. C. H. Havill. 2,127,996; Aug. 23.
Covering for cord connecters, Waterproof rubber. C. T. Von Holtz. 2,127,544; Aug. 23.
Craft, Protecting the sides of. C. A. Baumann, Jr. 2,127,671; Aug. 23.
Crib construction, Automobile. H. O. Schulz. 2,128,168; Aug. 23.
Cultivator, Rotary. C. T. Custer. 2,128,077; Aug. 23.
Current motor. J. K. Luther. 2,127,747; Aug. 23.
Cutting machine, Universal. J. D. McKiernan. 2,127,959; Aug. 23.
Dark cabinet, Portable printing and developing. M. Fink. 2,128,042; Aug. 23.
Decking. C. F. Davis. 2,127,661; Aug. 23.
Decolorizing and filtering agent. R. W. Schmidt. 2,127,702; Aug. 23.
Delivery skid for piling. T. Backus, Jr. 2,127,670; Aug. 23.
Dental film holder. A. de Weal. 2,127,502; Aug. 23.
Depilatory. W. Moore. 2,128,158; Aug. 23.
Depth gauge. W. K. Walker. 2,128,215; Aug. 23.
Dewaxing system. V. Voorhees. 2,127,708; Aug. 23.
Dies, Making screw threading. M. A. Slotta. 2,127,574; Aug. 23.
Differential values, Apparatus for maintaining selected. F. J. Bast and R. A. F. Sandberg. 2,128,176; Aug. 23.
Dispenser: *See*—
Beverage dispenser.
Dispensing machine. F. C. Du Grenier. 2,128,179; Aug. 23.
Dispensing machine. F. C. Du Grenier. 2,128,181; Aug. 23.
Dishwashing and sterilizing machine. J. D. Lewis. 2,127,778; Aug. 23.
Disks to grinding or polishing machines, Applying abrading. V. G. Schwenke. 2,127,703; Aug. 23.
Dispensing device. G. Wastman. 2,127,794; Aug. 23.
Dispensing gauge. L. H. Lippert and J. F. York. 2,127,875; Aug. 23.
Dispensing system, Merchandise. S. Esgró. 2,127,769; Aug. 23.
Display device. A. F. Osborn. 2,127,930; Aug. 23.
Display device, Advertising. W. J. French. 2,127,910; Aug. 23.
Display form, Moldable and adjustable. I. R. Rock. 2,127,941; Aug. 23.
Display rack. E. R. Erickson. 2,127,722; Aug. 23.
Display stand. W. E. Thomas. 2,127,967; Aug. 23.
Dividing bar. S. C. Awbrey. 2,127,709; Aug. 23.
Door check. J. C. Hallada. 2,127,915; Aug. 23.
Door latch guard. E. M. Starling. 2,127,891; Aug. 23.
Door lock. G. A. Platin. 2,128,014; Aug. 23.
Door opening and closing apparatus, Garage. J. J. Kramer. 2,127,522; Aug. 23.
Door structure. L. J. Gorar. 2,128,138; Aug. 23.
Doorknob bar. W. C. Heinen. 2,128,144; Aug. 23.
Draft rigging. E. H. Blattner. 2,127,951; Aug. 23.
Drainage apparatus, Automatic. E. E. Hewitt. 2,128,206; Aug. 23.
Drive, Cloth roll. W. J. Budzyna. 2,127,659; Aug. 23.
Drive for automobiles, Front wheel. R. S. Carter. 2,128,119; Aug. 23.
Driving device, Friction. A. L. V. C. Debrie. 2,127,768; Aug. 23.
Dust and dirt collecting and disposal machine for mines. T. A. Philpott. 2,127,985; Aug. 23.
Dyeing. F. Heden. 2,127,595; Aug. 23.
Dyestuffs and their manufacture, Azo. A. Krebser. 2,128,188; Aug. 23.
Dyestuffs, Azo. H. Roos. 2,127,986; Aug. 23.
Dyestuffs, Cupriferous azo. D. Delfs and R. Knoche. 2,127,678; Aug. 23.
Dyestuffs, Polyazo. H. Schindhelm and C. T. Schultis. 2,128,153; Aug. 23.
Dyestuffs, Water-insoluble azo. H. Morschel, E. Rimele, and F. Gund. 2,127,697; Aug. 23.
Dynamo-electric machine. A. Grabner. 2,128,044; Aug. 23.
Easel. J. Tepper. 2,127,494; Aug. 23.
Egg product and producing the same, Dried. S. Tranin. 2,127,945; Aug. 23.
Elastic coupling. F. Schmidt. 2,127,942; Aug. 23.

Electric conductivity of tin bronzes, Increasing the. O. Dahl and C. Haase. 2,128,122; Aug. 23.
Electric control system. L. W. Morton and R. G. Lorraine. 2,128,162; Aug. 23.
Electric conversion system. H. A. Rose. 2,128,055; Aug. 23.
Electric discharge apparatus. E. F. Lowry. 2,128,051; Aug. 23.
Electric discharge device. W. E. Bahls. 2,128,070; Aug. 23.
Electric lamp. S. Ruben. 2,127,756; Aug. 23.
Electric meter. A. L. Emens. 2,127,505; Aug. 23.
Electrical device, Thermostatically operated. E. Klahn. 2,127,821; Aug. 23.
Elevator control apparatus. H. W. Williams. 2,128,063; Aug. 23.
Engine: *See*—
Internal combustion engine. — Rotary engine.
Engine. O. C. Linthwaite. 2,127,743; Aug. 23.
Engine. M. Lothrop. 2,127,692; Aug. 23.
Engine cylinder. O. Mader. 2,127,825; Aug. 23.
Envelope. M. Vogel. 2,128,196; Aug. 23.
Envelope machine. A. Novick. 2,127,568; Aug. 23.
Envelope, Sanitary sandwich. J. Nagle. 2,127,631; Aug. 23.
Esters, Obtaining high grade sulphuric acid. K. Cremer. 2,127,641; Aug. 23.
Esters of pseudotropine and their production. O. Wolfes and O. Hromatka. 2,127,547; Aug. 23.
Esters of 2-chloroallyl alcohol, Unsaturated. G. H. Coleman and B. C. Hadler. 2,127,660; Aug. 23.
Esters, Stabilization of cellulose. O. Sindl and G. Frank. 2,127,789; Aug. 23.
Expansion joint. H. M. Austin. 2,127,853; Aug. 23.
Extractor: *See*—
Automobile extractor.
Extruding machine. W. G. Bond. 2,127,857; Aug. 23.
Fabric and making the same, Pile. C. Dreyfus and W. Whitehead. 2,127,586; Aug. 23.
Fabric, Weaving. H. M. Jameson. 2,127,817; Aug. 23.
Fabrics, Mothproofing. L. E. Mills and W. W. Allen. 2,128,189; Aug. 23.
Fastener: *See*—
Window fastener.
Fastener and making the same, Separable interlocking. A. E. Carlile. 2,127,839; Aug. 23.
Fastener and the like, Flexible. P. A. Westphal. 2,127,498; Aug. 23.
Feed for spinning machines. J. H. Jewett, Jr. 2,128,184; Aug. 23.
Feed for spinning machines and method of use. J. H. Jewett. 2,128,185; Aug. 23.
Feeder: *See*—
Poultry feeder.
Feeding head for reciprocating or shaker conveyers. E. R. Bergmann. 2,127,902; Aug. 23.
Fence charger, Low voltage. H. E. Webster. 2,127,898; Aug. 23.
Fiber combing machine, Rectilinear. P. J. Gillespie. 2,127,863; Aug. 23.
Filling apparatus. R. J. Stewart. 2,127,892; Aug. 23.
Firearm. O. Horsrud. 2,127,919; Aug. 23.
Firearm, Repeating. M. A. Browning. 2,127,838; Aug. 23.
Fish lure. G. Beck. 2,127,761; Aug. 23.
Fish plug. J. E. Breuer. 2,127,639; Aug. 23.
Fishing rod holder. T. L. C. Smoot. 2,127,790; Aug. 23.
Fitting, Grounding. L. H. Church. 2,127,840; Aug. 23.
Float construction. C. T. Pflueger. 2,127,667; Aug. 23.
Floor surfacing machine. F. E. Wadhams. 2,127,851; Aug. 23.
Fluid flow measuring means. H. E. Dall. 2,127,501; Aug. 23.
Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,128,084; Aug. 23.
Fluid producing apparatus. T. E. Bryan. 2,128,073; Aug. 23.
Focusing device for automobile headlights. J. Hill. 2,127,734; Aug. 23.
Folder. G. H. Schmidt and H. C. Behrens. 2,128,167; Aug. 23.
Folding apparatus. W. S. Cloud. 2,128,076; Aug. 23.
Folding table. U. K. Johannsen. 2,128,209–10; Aug. 23.
Forging, Electric. G. D. M. Benedetto. 2,127,625; Aug. 23.
Form and producing the same, Garment. M. H. Taft. 2,128,024; Aug. 23.
Foundry practice. C. M. Saeger, Jr. 2,127,533; Aug. 23.
4,4'-dialkoxy diphenylamines, Preparation of. A. M. Neal. 2,128,100; Aug. 23.
Frame: *See*—
Automobile frame. — Hoisting frame.
Frame for agricultural machines and mowing machine comprising this frame. A. J. M. J. Durand. 2,128,082; Aug. 23.
Freewheeling apparatus and clutch control. C. R. Roche. 2,127,754; Aug. 23.
Freewheeling mechanism. W. P. Dalrymple. 2,127,718; Aug. 23.
Freezer, Ice-cream. H. Kunzi. 2,127,777; Aug. 23.
Freight container. F. Ditchfield. 2,127,810; Aug. 23.
Fuel, Apparatus for burning pulverized. H. C. Carter. 2,128,177; Aug. 23.
Fuel, Enhancing the safety of liquid. P. Schlumbohm. 2,127,536; Aug. 23.
Fuel mixer. H. Hauser. 2,127,628; Aug. 23.
Fuel stabilization, Motor. R. G. Clarkson and C. G. Wolff. 2,128,075; Aug. 23.
Fumigating or deodorizing device. A. Kemp, H. Winckler, and W. C. Walton. 2,127,975; Aug. 23.
Fumigation. J. M. Baer. 2,128,175; Aug. 23.
Funnel. C. G. Schmutzler. 2,127,788; Aug. 23.
Furnace: *See*—
Rotary hearth furnace. — Stereotype metal furnace.
Furnace. G. W. Franzheim. 2,127,506; Aug. 23.
Furnace construction. L. H. Hosbein. 2,127,842; Aug. 23.
Furniture, Combination. B. R. Jones. 2,127,819; Aug. 23.
Furniture construction. R. B. Baker. 2,127,710; Aug. 23.
Furrow opening attachment for corn planters. U. Sparks. 2,128,022; Aug. 23.
Fuse device, Electric. B. R. Hermann. 2,128,145; Aug. 23.
Game table. H. P. Battle. 2,127,805; Aug. 23.
Game, Tennis. Y. C. Le Guillou. 2,127,873; Aug. 23.
Garment. G. B. Bentz. 2,127,763; Aug. 23.
Garment bag. S. H. Marks. 2,128,099; Aug. 23.
Garment hanger. C. E. Kennedy. 2,127,870; Aug. 23.
Gas, Apparatus for the production of combustible. C. A. Medsker. 2,127,880; Aug. 23.
Gas liquor treatment. F. Denig. 2,127,503; Aug. 23.
Gas washer. S. P. Kinney and C. E. Dougan. 2,127,645; Aug. 23.
Gasket holder. G. R. Wyman. 2,127,578; Aug. 23.
Gasoline and oil engine, Combination. P. Maniscalco. 2,128,006; Aug. 23.
Gauge: *See*—
Depth gauge. — Dispensing gauge.
Gauge rod. M. E. Tower. 2,127,835; Aug. 23.
Gear. R. Erban. 2,127,588; Aug. 23.
Gear with variable speed, Transmitting. H. Guiraud. 2,127,814; Aug. 23.
Generator: *See*—
Steam generator.
Glass etching. G. R. McKay. 2,127,781; Aug. 23.
Gold and silver alloys, Tempering. C. H. Coleman. 2,127,676; Aug. 23.
Golf tee. S. J. Karkoska. 2,128,049; Aug. 23.
Governor mechanism. W. E. Kemp. 2,127,521; Aug. 23.
Grease, Lubricating. F. A. Webster, Jr. 2,127,497; Aug. 23.
Grinding machine. H. L. Blood. 2,127,856; Aug. 23.
Grinding machine. G. F. Magloff. 2,127,877; Aug. 23.
Guard for doorways. L. J. Gorar. 2,128,139; Aug. 23.
Handling equipment, Liquid caustic. L. S. Rosener. 2,127,962; Aug. 23.
Hanger: *See*—
Garment hanger.
Headstock for a general utility machine tool. E. R. Lochman. 2,127,745; Aug. 23.
Headwear. E. Witteoff. 2,127,797; Aug. 23.
Heater: *See*—
Circulating heater.
Heating. W. S. Gullette. 2,127,815; Aug. 23.
High pressure tank. B. Bart. 2,127,712; Aug. 23.
Hinge. C. Fischer. 2,128,085; Aug. 23.
Hitch or coupler. M. P. Graham, G. H. Hufferd, and J. E. Casse. 2,127,913; Aug. 23.
Hitch, Trailer. L. R. Johnson. 2,127,689; Aug. 23.
Hoisting frame. D. Levow. 2,127,607; Aug. 23.
Holder: *See*—
Book stub holder. — Dental film holder.
Bottle holder. — Fishing rod holder.
Card holder. — Gasket holder.
Collapsible gas holder. — Jar holder.
Holder and applicator, Soap. L. J. Arms. 2,127,901; Aug. 23.
Holder and conditioning device, Paint brush. E. T. Ewing. 2,127,682; Aug. 23.
Holder and drainer device, Combined. S. D. Burford. 2,128,118; Aug. 23.
Holder for proofreading. A. J. Baldauf. 2,127,711; Aug. 23.
Horseback rider's pad. L. C. Morgan. 2,128,159; Aug. 23.
Hosiery, Elastic top. J. L. Marshall. 2,127,780; Aug. 23.
Hydraulic control valve. E. C. Dudley. 2,127,679; Aug. 23.
Hydraulic device for presses, Auxiliary. H. F. MacMillin. 2,128,152; Aug. 23.
Hydraulic motor. D. Johnston. 2,128,048; Aug. 23.
Hydrocarbon distillates, Treating. R. K. Stratford. 2,127,654; Aug. 23.
Hydrocarbons, Production of valuable. K. Winkler. 2,127,577; Aug. 23.
Hydrodynamic fluid coupling. F. Kugel. 2,127,738; Aug. 23.
Ice warning device. P. Leifheit. 2,127,823; Aug. 23.
Igniter, Gasless. E. Jones. 2,127,603; Aug. 23.
Images, Reproducing. R. R. Tanner. 2,127,944; Aug. 23.
Impression mechanism, Coin-controlled. E. G. Watkins 2,127,897; Aug. 23.

Indicating instrument. V. E. Carbonara. 2,127,807; Aug. 23.
Indicator: *See*—
Rate of climb indicator. — Temperature indicator.
Injection fuel pump. D. B. Green. 2,128,140; Aug. 23.
Ink, Method and apparatus for drying printing. R. Helmer. 2,127,956; Aug. 23.
Inking machine for typewriter ribbons and the like, with uninked portions, Automatic. P. Mannino. 2,128,098; Aug. 23.
Insecticide and fungicide, Active. W. C. O'Kane. 2,127,526; Aug. 23.
Instrument for measuring ultra-violet light. E. D. Wilson. 2,128,110; Aug. 23.
Insulator, Heat. M. M. Webster and J. L. Finck. 2,127,636; Aug. 23.
Internal combustion engine. L. L. Grant. 2,127,729; Aug. 23.
Internal combustion engine. M. Kadenacy. 2,127,775; Aug. 23.
Internal combustion engine. R. H. Masters. 2,128,154; Aug. 23.
Internal combustion engine. W. L. Schmitz. 2,127,758; Aug. 23.
Iron compounds, Production of. P. Fireman. 2,127,907; Aug. 23.
Ironer, Garment sleeve. J. H. Leef. 2,128,003; Aug. 23.
Jar holder. H. M. Morris. 2,127,882; Aug. 23.
Joint: *See*—
Expansion joint. — Welded joint.
Joint for the connection of shafts. H. Hanft. 2,128,088; Aug. 23.
Kerf-cutting machine. C. O. Wood. 2,128,064; Aug. 23.
Kiln, Tunnel. L. L. Ladd. 2,127,742; Aug. 23.
Kitchen cabinet. M. Grossman. 2,127,594; Aug. 23.
Knitting machine. L. Robaczynski. 2,127,699; Aug. 23.
Ladder, Folding. P. Zeman. 2,127,949; Aug. 23.
Ladder leveling attachment. H. M. Overpeck. 2,127,884; Aug. 23.
Lamp: *See*—
Electric lamp.
Lamp for colored light treatment. G. E. Kothe. 2,127,604; Aug. 23.
Lathe, Crank pin. A. Christensen. 2,127,584; Aug. 23.
Lathe, Turning. W. Swift and L. R. Perkins. 2,127,792; Aug. 23.
Leak check for hydraulic brakes. R. H. Stone. 2,127,849; Aug. 23.
Leather or hides with mineral tanning agents, Tanning of. L. Jablonski and K. Lindner. 2,128,092; Aug. 23.
Lid fastening means for boxes. I. E. Kotchavar and H. O. Snouffer. 2,128,001; Aug. 23.
Light: *See*—
Beacon light.
Lighter, Cigar. B. G. Cochrane. 2,127,551; Aug. 23.
Lighter, Cigar. J. Sinko. 2,128,016–7; Aug. 23.
Limb, Artificial. N. Malloy-Brehunoff. 2,127,566; Aug. 23.
Lime, Purifying. L. Block. 2,127,626; Aug. 23.
Line stretcher. E. C. Gebs. 2,127,862; Aug. 23.
Liquid dispensing device. G. B. Davis, Jr. 2,127,860; Aug. 23.
Liquid dispensing device. L. C. Smith. 2,127,848; Aug. 23.
Liquid meter. F. Horton. 2,127,773; Aug. 23.
Loading device. S. J. Strid and S. O. Taylor. 2,127,965–6; Aug. 23.
Lobby display machine. H. J. Fowler. 2,127,724; Aug. 23.
Lock: *See*—
Door lock.
Lock. R. T. Burgess. 2,127,583; Aug. 23.
Lock for house doors. L. Lebeau. 2,128,002; Aug. 23.
Lock for vehicle springs, Hydraulic. R. H. Rosenberg. 2,127,755; Aug. 23.
Locking mechanism for motor vehicles. M. Tibbets. 2,127,543; Aug. 23.
Locomotive, Railway. F. L. Alben. 2,128,066; Aug. 23.
Locomotive, Railway. W. A. Brecht. 2,128,072; Aug. 23.
Lubricator: *See*—
Compressor lubricator.
Machine for operating on shoes. L. E. Topham and C. L. Knott. 2,127,707; Aug. 23.
Machine for producing coated material. R. W. B. Reade. 2,128,190; Aug. 23.
Machine for stapling binding wire to box parts. A. L. Rosenmund. 2,127,832; Aug. 23.
Mandrel-bar cap. W. T. Wehman. 2,128,032; Aug. 23.
Map, Relief. L. A. Whittier. 2,127,546; Aug. 23.
Marker, Field. L. H. Adamson. 2,127,852; Aug. 23.
Mask. B. Sabaneeff. 2,127,620; Aug. 23.
Massaging apparatus, Vacuum. N. Kutz. 2,127,872; Aug. 23.
Material, Briquetting finely divided. J. H. Davis and J. C. Lemming. 2,127,994; Aug. 23.
Material, Producing coated. R. W. B. Reade. 2,128,214; Aug. 23.
Material to globular articles, Apparatus for applying liquid. W. M. Hampton. 2,128,028; Aug. 23.
Measuring apparatus. J. D. Ryder. 2,127,845–6; Aug. 23.
Metal of substantially constant cross section throughout its length directly from a mass of molten metal and to an apparatus therefor, Producing solid. C. W. Hazelett. 2,127,515; Aug. 23.
Metal sulfides, Conversion of. D. Tyrer. 2,128,107; Aug. 23.
Metal turning. C. E. Kraus. 2,127,523; Aug. 23.
Meter; *See*—
Electric meter. — Liquid meter.
Meter installation, Watt-hour. P. E. Hills. 2,128,047; Aug. 23.
Milk powder, Manufacturing. N. M. Kronberg. 2,127,524; Aug. 23.
Mill: *See*—
Reducing mill.
Mirror and mounting means therefor, Rear. A. D. Kondrath. 2,128,187; Aug. 23.
Mixer; *See*—
Fuel mixer.
Mixture control for internal combustion engines. G. R. Sisson. 2,127,653; Aug. 23.
Molds and cores, Process and product for coating. C. M. Saeger, Jr. 2,127,534; Aug. 23.
Molten baths, Method and apparatus for determining the temperature of. W. E. Shenk, and B. M. Larsen. 2,127,889; Aug. 23.
Mothproof cabinet. G. Rottman, 2,127,963; Aug. 23.
Motor: *See*—
Current motor. — Outboard motor.
Electric motor. — Proportioning motor.
Hydraulic motor. — Synchronous motor.
Motor control system. B. O. Austin and N. H. Wilby. 2,128,034; Aug. 23.
Mount for films and the like. I. C. Rinn. 2,127,940; Aug. 23.
Mount, Stamp display F. E. Collin. 2,127,677; Aug. 23.
Mounting for motors and generators, Resilient. H. J. Loftis. 2,127,979; Aug. 23.
Movement restraining means. M. B. Cameron. 2,128,037; Aug. 23.
Nautical instrument. F. Schulte. 2,127,847; Aug. 23.
Needle bed for knitting machines. C. Schuricht. 2,127,537; Aug. 23.
Nicotine from tobacco, Extracting. J. B. Garner. 2,128,043; Aug. 23.
Novelty. B. Fried. 2,128,133; Aug. 23.
Novelty, Paper C. C. Cloud. 2,127,808; Aug. 23.
Nozzle, Spray. H. E. Norton. 2,127,883; Aug. 23.
Nozzle structure for burners for liquid fuel. A. R. Haase. 2,127,866; Aug. 23.
Nut and making same. E. W. Mitchel. 2,127,696; Aug. 23.
Oatmeal, Canning and cooking. E. R. McShane. 2,127,782; Aug. 23.
Objects from polyvinyl alcohols, Producing elastic. H. Vohrer. 2,127,896; Aug. 23.
Obstetrics, Apparatus for teaching. J. B. Jacobs. 2,127,774; Aug. 23.
Oil burner. C. J. T. McPherson. 2,128,155; Aug. 23.
Oil can. C. H. Leonard. 2,127,874; Aug. 23.
Oil, Solvent refining. W. B. Hendrey. 2,128,029; Aug. 23.
Oils, Manufacturing lubricating. E. Eichwald. 2,127,811; Aug. 23.
Oils, Treating hydrocarbon. H. E. Drennan. 2,127,953; Aug. 23.
Olefines, Polymerization of gaseous. A. E. Dunstan. 2,128,126; Aug. 23.
Opener, Carton. A. J. Lurie. 2,128,151; Aug. 23.
Outboard motor. O. C. Linthwaite. 2,127,744; Aug. 23.
Oven, Electric culinary. A. Walterspiel. 2,127,658; Aug. 23.
Overcoat. C. B. Shane. 2,128,193; Aug. 23.
Overdrive with sun gear release. W. B. Barnes. 2,127,637; Aug. 23.
Overshoe. E. W. Dunbar. 2,128,204; Aug. 23.
Overshot. R. P. Sherman. 2,128,102; Aug. 23.
Package, Bat. M. Luery. 2,127,646; Aug. 23.
Pad: *See*—
Horseback rider's pad.
Pail. F. H. McCormick. 2,127,958; Aug. 23.
Panties with shape-retaining cuffs. H. B. Snader. 2,127,541; Aug. 23.
Paper cutting machine. G. W. Johnston. 2,127,563; Aug. 23.
Paper feed mechanism for cash registers. E. H. Placke, and G. H. Tasker. 2,127,652; Aug. 23.
Paper making machine. N. J. Niks. 2,127,698; Aug. 23.
Paper positioning apparatus for typewriters. C. Wittenmyer. 2,127,798; Aug. 23.
Parachute. W. E. Tingle. 2,127,895; Aug. 23.
Partition end supporting device. P. H. Meyer. 2,127,827; Aug. 23.
Pen, Fountain. C. J. MacNally. 2,128,052; Aug. 23.
Perforating, Method of and apparatus for. T. E. Piazze. 2,127,960; Aug. 23.
Perforator, Cake and pie crust. E. V. Panther. 2,127,651; Aug. 23.
Permanent-hair-waving machine. G. Rösch. 2,127,784; Aug. 23.
Petroleum emulsions, Breaking. M. De Groote. 2,127,905; Aug. 23.
Phase sequence and voltage indicating means. H. P. Sleeper. 2,128,019; Aug. 23.
Phonograph H. F. M. Gramann. 2,127,593; Aug. 23.

Photographic emulsions. S. E. Sheppard and R. C. Houck. 2,127,573; Aug. 23.
Photographic emulsions. C. J. Staud and J. L. Connelly. 2,127,621; Aug. 23.
Photographic printing device, Portable. E. M. Jaffe. 2,127,601; Aug. 23.
Photography, Method of producing color effects in. W. H. O'Brien. 2,127,829; Aug. 23.
Phototube. A. G. Thomas. 2,128,104; Aug. 23.
Phototube, Self-generating. A. G. Thomas. 2,128,103; Aug. 23.
Pictures of the animated cartoon type, Production of motion. P. H. Terry. 2,127,656; Aug. 23.
Pin board. J. E. Johnson. 2,127,999; Aug. 23.
Pipe and tubing rack. W. B. Aggers. 2,127,492; Aug. 23.
Pipes, Apparatus for cleaning. A. Diebold. 2,128,124; Aug. 23.
Pipes, Protection of. S. P. Miller. 2,127,694; Aug. 23.
Pistol and revolver sight, Rib. D. W. King and R. E. Geisert. 2,127,565; Aug. 23.
Pistol, Automatic. G. Walther. 2,127,793; Aug. 23.
Piston. R. E. Day. 2,127,767; Aug. 23.
Piston expander. A. A. Heaton. 2,127,516; Aug. 23.
Piston ring groove and land tool. C. D. Stromgren. 2,127,893; Aug. 23.
Plants, Nutrition of potted. L. H. Jones. 2,127,629; Aug. 23.
Plaster, Making reacted. P. C. Choate. 2,127,952; Aug. 23.
Plate for watt-hour meters, Lag. H. T. Faus. 2,128,131; Aug. 23.
Plate, Marking. J. R. Willard. 2,127,576; Aug. 23.
Plates to shafts, Assembling flat. W. H. Dingwerth. 2,127,969; Aug. 23.
Plug: *See*—
Fish plug. Spark plug.
Plug and receptacle. T. E. McDowell. 2,127,928; Aug. 23.
Pneumatic tool. J. A. Monnier and C. S. Brush. 2,128,157; Aug. 23.
Poultry feeder. H. A. Ballard. 2,127,804; Aug. 23.
Power-operated tool. E. Baumgratz, F. Kratz, and H. Steinhart. 2,127,855; Aug. 23.
Power plant. G. A. Jessop. 2,127,602; Aug. 23.
Power transmission mechanism for swinging crane excavators or the like. G. E. Miller. 2,128,010; Aug. 23.
Power unit, Regulated. W. R. Koch. 2,127,822; Aug. 23.
Press: *See*—
Blanking and forming Ski press.
press.
Press. F. J. Kahn. 2,127,520; Aug. 23.
Pressure relief valve. A. Cibulka. 2,128,039; Aug. 23.
Print, Relief. J. J. Tighe. 2,128,105; Aug. 23.
Printing. P. A. Frazier. 2,127,955; Aug. 23.
Printing instrumentality for typewriting machines. C. A. Fuchs. 2,127,507; Aug. 23.
Printing member for intaglio or rotary photogravure. A. A. Leuchter. 2,127,824; Aug. 23.
Printing paste thickener. E. Franz and M. Hardtmann. 2,127,770; Aug. 23.
Product, Acid resisting laminated. G. H. Mains. 2,128,097; Aug. 23.
Product, Antirachitically active. A. Windaus. 2,128,199; Aug. 23.
Propeller. S. Heath. 2,127,687; Aug. 23.
Propeller, Model airplane. F. J. Merz, Jr., and G. B. Merz. 2,128,009; Aug. 23.
Proportioning motor. L. O. Gunderson. 2,127,730; Aug. 23.
Protector: *See*—
Vent opening protector.
Pulp, Bleaching. F. Casciani. 2,127,765; Aug. 23.
Pump: *See*—
Injection fuel pump.
Pumping apparatus. W. W. Paget. 2,127,527; Aug. 23.
Punch and punch holder, Quick change. A. J. Boone. 2,128,116; Aug. 23.
Rack: *See*—
Bedspring display rack. Pipe and tubing rack.
Display rack.
Radiator grille screen. J. W. Osten. 2,127,931; Aug. 23.
Radio beam and receiving device for blind landing of aircraft. F. W. Dunmore. 2,127,954; Aug. 23.
Radio frequency current measuring device. J. D. Wallace. 2,127,545; Aug. 23.
Radio receiving system. T. A. Marshall. 2,127,525; Aug. 23.
Radio receiving system, Multichannel. P. F. G. Holst and L. R. Kirkwood. 2,127,816; Aug. 23.
Rails, Method and apparatus for forming automobile side. E. Riemenschneider. 2,127,618; Aug. 23.
Range finder and view finder, Combined. L. Leitz. 2,127,925; Aug. 23.
Rate of climb indicator. G. V. Rylsky. 2,127,833; Aug. 23.
Rate of climb instrument. A. Urfer. 2,127,836; Aug. 23.
Razor. R. B. Bryant. 2,127,717; Aug. 23.
Razor, Safety. L. Morris. 2,127,881; Aug. 23.
Records, Manufacture of sound. C. Schinzel. 2,127,786; Aug. 23.
Reducing mill. W. M. Sheldon. 2,128,194; Aug. 23.
Reflector, Road. H. J. Rosener. 2,127,700; Aug. 23.
Refrigerating apparatus. R. R. Candor. 2,127,990–1; Aug. 23.
Refrigerating apparatus. E. Heitman. 2,127,732; Aug. 23.
Refrigerating apparatus. J. Smilack. 2,128,020; Aug. 23.
Refrigerating apparatus. H. F. Smith. 2,128,021; Aug. 23.
Refrigerating apparatus of the compression type. R. Hintze. 2,128,090; Aug. 23.
Regulating apparatus. D. Santini and K. M. White. 2,128,056; Aug. 23.
Regulator: *See*—
Type regulator.
Reinforcing means for concrete structures. R. V. Ward. 2,128,062; Aug. 23.
Reinforcement for suspenders, Metal. H. Epstein. 2,128,041; Aug. 23.
Remote controlling apparatus. L. V. Lewis. 2,127,691; Aug. 23.
Resins and making same, Synthetic. T. Sutter. 2,127,894; Aug. 23.
Return device for control members, Automatic. F. Freitag. 2,127,909; Aug. 23.
Ring: *See*—
Twin finger ring.
Rod: *See*—
Gauge rod.
Roofing. F. P. Reynolds. 2,128,191; Aug. 23.
Rotary hearth furnace. K. R. Göhre, J. Schwalb, and P. Speichert. 2,127,727; Aug. 23.
Rotor. W. L. Hansen and I. N. Hurst. 2,128,142; Aug. 23.
Rubber and making the same. A. K. Epstein and B. R. Harris. 2,128,127; Aug. 23.
Rubber compounding. G. S. Haslam. 2,127,560; Aug. 23.
Safety indicator for airplanes. F. R. Shanley. 2,128,169; Aug. 23.
Safety switch. L. M. Browder. 2,127,764; Aug. 23.
Salts of acid alkyl esters, Manufacture of nitrogen base A. J. Tulleners. 2,127,495; Aug. 23.
Scale, Weighing. L. Jaenichen. 2,128,148; Aug. 23.
Screen: *See*—
Radiator grille screen.
Seal for centrifugal pump. R. H. Goddard. 2,127,865; Aug. 23.
Seal for submersible bucket dredges, Lower tumbler bearing. R. L. Tamerlane. 2,127,493; Aug. 23.
Seal, Shaft. G. M. Evans. 2,127,591; Aug. 23.
Seals, Manufacturing oil. H. L. Northup and J. Agger. 2,127,982; Aug. 23.
Sealing device. C. E. Evans. 2,128,128; Aug. 23.
Seat attachment, Bathtub. G. B. Bentz. 2,127,762; Aug. 23.
Seat slide, Adjustable. R. G. Moore. 2,127,610; Aug. 23.
Seed planter. F. W. Maage and J. Randrup. 2,127,876; Aug. 23.
Self-lubricating bearing. T. L. Gatke. 2,128,087; Aug. 23.
Separator: *See*—
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Separator. J. C. Hobbs. 2,127,917; Aug. 23.
Separator. H. H. Logan. 2,127,746; Aug. 23.
Sewing machine. N. V. Christensen and C. F. Rubel. 2,128,120; Aug. 23.
Sewing machine. W. Myers. 2,128,031; Aug. 23.
Sewing machines, Thread-controlling device for. S. Zonis. 2,128,033; Aug. 23.
Sharpener. I. Blen. 2,128,115; Aug. 23.
Sheet feed mechanism. J. F. Jirousek. 2,127,736; Aug. 23.
Sheet feeding machine. F. R. Belluche. 2,127,714; Aug. 23.
Shelf and mounting therefor, Adjustable display rack. E. R. Erickson. 2,127,721; Aug. 23.
Shingle, Flexible interlocking. S. P. Miller. 2,127,695; Aug. 23.
Ships, Apparatus for stopping leaks in. V. R. Kozloff. 2,127,871; Aug. 23.
Shock absorber for motor cars, Stabilizer. C. B. Huntman. 2,127,518; Aug. 23.
Shoe bottom units, Manufacture of. C. D. Turner. 2,127,634; Aug. 23.
Shoe stiffener. C. E. Reynolds. 2,127,783; Aug. 23.
Shuttle binder. E. Richter and H. Thissen. 2,127,939; Aug. 23.
Sign: *See*—
Changeable sign.
Signal device. F. B. Little. 2,128,150; Aug. 23.
Signal light, Telltale. A. G. Rayburn. 2,127,887; Aug. 23.
Signal system, Highway crossing. C. H. Dorschel. 2,128,203; Aug. 23.
Signaling device. H. W. Seiger. 2,127,538; Aug. 23.
Signaling system, Railway. T. J. Judge. 2,128,211; Aug. 23.
Silicates of zirconium and making same, Double. C. J. Kinzie. 2,127,844; Aug. 23.
Silk and textile materials, Composition and process for soaking. D. S. Chamberlin. 2,127,904; Aug. 23.
Silk, Manufacture of artificial. W. Ostermann. 2,127,984; Aug. 23.
Sink. V. J. Graf. 2,127,559; Aug. 23.

Skate, Roller. D. Kees. 2,127,630; Aug. 23.
Ski press. G. P. Butler, Jr. 2,128,036; Aug. 23.
Slack adjuster. T. James, Jr. 2,127,920; Aug. 23.
Snap switch. C. J. Hathorn. 2,127,686; Aug. 23.
Snubbing device for three-position relays. O. S. Field. 2,128,205; Aug. 23.
Soap and making same, Wax acid. C. Ellis. 2,128,083; Aug. 23.
Socket. H. H. Eby. 2,127,556; Aug. 23.
Socket. L. T. Frederick. 2,128,132; Aug. 23.
Socket, Electric bulb. W. J. Clements. 2,127,675; Aug. 23.
Sod cutting tool. E. H. Plcha. 2,127,751; Aug. 23.
Soda, Purifying caustic. W. F. Waldeck. 2,127,496; Aug. 23.
Sole and heel element for footwear, Cushioning. N. Giusto. 2,128,134; Aug. 23.
Sound and projection apparatus. J. Erwood. 2,127,590; Aug. 23.
Sound attenuating device. R. B. Bourne. 2,127,672; Aug. 23.
Spade-handle massaging device. D. Clarke. 2,127,674; Aug. 23.
Spark plug. W. Harper, Jr. 2,127,512–3; Aug. 23.
Spindle bearing, Self-adjusting. S. W. Bath and H. M. Allison. 2,127,854; Aug. 23.
Spinning unit. F. Kent. 2,127,921; Aug. 23.
Spray head. E. N. Bonner. 2,127,715; Aug. 23.
Spraying apparatus. S. A. Hayes. 2,127,731; Aug. 23.
Spring coil handling apparatus. F. N. Schindler. 2,128,057; Aug. 23.
Spring for cushioned seats of vehicles, Wire. M. Freund. 2,127,558; Aug. 23.
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Starting apparatus for internal combustion engines. A. Callsen. 2,127,026; Aug. 23.
Steam engine, Rotary. R. L. Bailey. 2,127,968; Aug. 23.
Steam generator, Water tube. M. Schmidt. 2,127,787; Aug. 23.
Steam trap. J. F. McKee. 2,127,649; Aug. 23.
Steering wheel. F. C. Ashby. 2,128,069; Aug. 23.
Stems for sealed electrical devices, Making. A. J. White. 2,128,173; Aug. 23.
Stereotype metal furnace. M. M. Farley. 2,128,129; Aug. 23.
Sterilizing apparatus for surgical and dental appliances and the like. J. Pellkofer. 2,127,932; Aug. 23.
Stoker. J. Goetz. 2,127,726; Aug. 23.
Stoker, Automatic gravity. J. K. Dukas. 2,128,125; Aug. 23.
Stoker conveyer. P. A. Ketchpel. 2,127,922; Aug. 23.
Stoker for solid fuel. G. M. Peltz. 2,127,933; Aug. 23.
Stoker mechanism. J. B. MacKenzie. 2,127,923; Aug. 23.
Stop for faucets, Fusible. W. Siegert. 2,128,059; Aug. 23.
Stop light switch. R. S. Adams. 2,127,669; Aug. 23.
Stove. C. F. Gatons and L. J. Hausser. 2,127,970; Aug. 23.
Straightedge tool. W. B. Petree. 2,127,617; Aug. 23.
Strip and using it, Saddle staple. G. F. Leslie. 2,127,665; Aug. 23.
Strip feed mechanism for record machines. J. F. Sheppard, C. J. Manuel, and W. A. Pringle. 2,127,704; Aug. 23.
Strip, Window finish. C. H. Widman and A. H. Haberstump. 2,127,499; Aug. 23.
Stroboscopic apparatus. A. A. Kucher and F. E. Gray. 2,127,605; Aug. 23.
Sulphur dioxide from gas mixtures, Recovery of. A. M. Clark. 2,128,027; Aug. 23.
Supporting clip, Hammer-driven. H. G. Lombard. 2,128,004; Aug. 23.
Supporting device, Hammer-driven. H. G. Lombard. 2,128,005; Aug. 23.
Supporting member. F. A. Niemann. 2,127,980–1; Aug. 23.
Surgical dressing. W. Dahmen. 2,127,552; Aug. 23.
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Switchgear, Electric. L. J. Linde. 2,128,149; Aug. 23.
Synchronous motor. W. L. Hansen and I. N. Hurst. 2,128,141; Aug. 23.
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Table. J. P. Heil. 2,128,046; Aug. 23.
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Tachometer, Centrifugal electric. W. A. Reichel and M. F. Ketay. 2,127,831; Aug. 23.
Take-up mechanism, Quick. R. J. Olander. 2,127,570; Aug. 23.
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Tank or flume. R. C. Hansen. 2,127,799; Aug. 23.
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Taping machine. G. Horn and W. Lippold. 2,127,772; Aug. 23.
Telephone, Desk. H. F. Obergfell. 2,127,569; Aug. 23.
Television system. R. L. Davis. 2,128,078; Aug. 23.
Telltale device. B. Radtke. 2,127,753; Aug. 23.
Temperature control mechanism. W. H. Edmondson. 2,127,680; Aug. 23.
Temperature indicator. G. E. Ford. 2,127,592; Aug. 23.
Textile machinery cleaning apparatus. W. B. Hodge. 2,128,207; Aug. 23.
Textile materials, Treatment of. J. Brandwood. 2,127,638; Aug. 23.
Textile or the like pestproofing medium and use. H. Martin. 2,127,879; Aug. 23.
Thermionic relay circuits. A. H. Lamb. 2,127,977; Aug. 23.
Thermostatic device, Induction. J. W. Thompson and V. E. Metcalfe. 2,127,575; Aug. 23.
Thread guide brake. W. Heinitz. 2,127,771; Aug. 23.
Threads and fabrics, Production of textile. H. Dreyfus. 2,127,554; Aug. 23.
Threads, Preparation and use of textile. W. Whitehead. 2,127,624; Aug. 23.
Tightener for cables. J. J. Koleno. 2,128,030; Aug. 23.
Time controlled mechanism. J. J. Noeth and F. E. Hummel. 2,127,749; Aug. 23.
Timer for internal combustion engines. M. Ives and J. D. La Bell. 2,127,957; Aug. 23.
Timing device. J. W. Dawson. 2,128,080; Aug. 23.
Tip, Metal suction. H. B. Allen. 2,128,200; Aug. 23.
Tongs. L. Weiss. 2,127,947; Aug. 23.
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Tool-bit, Inserted shaped-tip. F. C. Jearum. 2,127,998; Aug. 23.
Tool for cutting curved tooth bevel gears. B. Mammano. 2,127,779; Aug. 23.
Tool for cutting up into slices products having soft and hard parts. L. Gandriaut. 2,127,861; Aug. 23.
Tool for oil wells, Sample taking. S. A. Mullins. 2,128,212; Aug. 23.
Tool joint, Welded. G. W. and H. B. Woods. 2,128,111; Aug. 23.
Torch. A. J. and I. F. Fausek. 2,127,723; Aug. 23.
Toy building construction. N. I. Paulson. 2,127,830; Aug. 23.
Track for highways. E. Schmid. 2,127,701; Aug. 23.
Tractor implement. H. E. Altgelt. 2,127,579; Aug. 23.
Traffic by radio, Apparatus for controlling vehicular. C. Alimaras. 2,128,067; Aug. 23.
Trailer, Extensible camping. J. Bartholowsky. 2,127,580; Aug. 23.
Trailer hitch. M. P. Graham, G. H. Hufferd, and J. E. Cassc. 2,127,912; Aug. 23.
Trailer steering mechanism. J. M. Huffman. 2,127,868; Aug. 23.
Transmission mechanism. M. P. Holmes. 2,127,517; Aug. 23.
Transmission, Planetary. V. B. Stromquist and W. T. Dunn. 2,127,655; Aug. 23.
Trap: *See*—
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Tray, Counter. P. H. Meyer. 2,127,826; Aug. 23.
Trolley construction, Electric. E. M. Glasgow. 2,128,135; Aug. 23.
Truck or the like, Lift. G. H. Pride. 2,127,938; Aug. 23.
Truck, Railway. H. M. Pflager. 2,127,934; Aug. 23.
Truck, Railway. H. M. Pflager and E. S. Beckette. 2,127,935; Aug. 23.
Truck structure, Railway. E. G. Hallquist. 2,127,916; Aug. 23.
Tube and cap, Self-closing. H. W. and R. G. Goss. 2,127,911; Aug. 23.
Tube for surgical purposes and preparing and using the same. A. Bowen. 2,127,903; Aug. 23.
Tube or container, Collapsible. H. J. Boetel. 2,128,035; Aug. 23.
Tubes, Apparatus for handling. B. A. E. Johnson. 2,127,974; Aug. 23.
Tubes, Making corrugated flexible. R. H. Stone. 2,127,943; Aug. 23.
Tubing catcher. V. York. 2,127,900; Aug. 23.
Turf, Means for spiking. W. H. Fulton. 2,127,510; Aug. 23.
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Twin finger ring. A. E. Coleman. 2,127,766; Aug. 23.
Type regulator, Vibrating. J. F. Kovalsky. 2,128,094; Aug. 23.
Typewriting machine. C. A. Fuchs. 2,127,508–9; Aug. 23.
Typewriting machine. R. V. Reppert. 2,127,530; Aug. 23.
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Value stamping machine. J. G. C. Möller. 2,128,156; Aug. 23.
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Valve arm construction. L. G. Hilkemeier. 2,127,663; Aug. 23.
Valve for ice cream freezers, Measuring. W. F. Mathewson. 2,127,647; Aug. 23.
Valve grinding apparatus. H. G. Miller. 2,127,748; Aug. 23.
Valves, Making. C. W. Miller. 2,127,929; Aug. 23.
Variable load brake. J. Canetta. 2,128,038; Aug. 23.
Vehicle body ventilation. O. F. Graebner. 2,127,971; Aug. 23.

Vehicle bodies, Supporting removable. A. R. and L. J. Hutchinson. 2,127,972; Aug. 23.
Vehicle control mechanism. R. S. Sanford and W. J. Andres. 2,128,165; Aug. 23.
Vehicle structure, Convertible. L. S. Whedon. 2,127,795; Aug. 23.
Vehicle wheel. H. J. Horn and H. G. Axtmann. 2,127,598; Aug. 23.
Vehicle wheel. H. J. Horn. 2,127,599; Aug. 23.
Vehicle wheel. J. H. Hunt. 2,127,600; Aug. 23.
Vent, Fusible. R. M. Iversen and N. B. Case. 2,128,091; Aug. 23.
Vent opening protector. W. C. Landis. 2,128,050; Aug. 23.
Vent valve, Radiator. E. E. Decker. 2,128,081; Aug. 23.
Vibration reducing device. R. R. R. Sarazin. 2,127,888; Aug. 23.
Wall covering and making the same, Washable. G. W. Jennings. 2,127,818; Aug. 23.
Warp-drawing machine. B. A. Peterson. 2,127,616; Aug. 23.
Warping machine. E. R. Alderman. 2,127,803; Aug. 23.
Washboard. R. J. Aston. 2,127,800; Aug. 23.
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Gas washer.
Washer for coal and the like. H. B. Slater. 2,127,987; Aug. 23.
Washing machine. D. A. Meeker. 2,128,008; Aug. 23.
Washing powder, Stable oxygen-yielding. K. Bauer, F. Pressel, and H. Medweth. 2,128,113; Aug. 23.
Wax emulsions, Production of improved. K. Behringer. 2,128,025; Aug. 23.
Wax, High tensile strength. E. W. Adams and F. H. MacLaren. 2,127,668; Aug. 23.
Welded joint. G. G. Greulich. 2,127,685; Aug. 23.
Welding clamp. G. R. Milton. 2,127,828; Aug. 23.
Welding method. H. G. Mehlhouse. 2,127,648; Aug. 23.
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Well flowing apparatus. T. E. Bryan. 2,128,074; Aug. 23.
Well treating fluid. L. C. Morgan. 2,128,160–1; Aug. 23.
Wells, Facilitating production of. J. J. Grebe. 2,127,662; Aug. 23.
Wells under pressure, Method of and apparatus for completing. C. B. Grant. 2,127,728; Aug. 23.
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Wheel and mounting, Abrasive. E. Van der Pyl. 2,128,213; Aug. 23.
Wheel balance tester, Static and dynamic. C. C. Bennett. 2,127,950; Aug. 23.
Wheel dressing unit, Grinding. J. W. Parker. 2,127,614; Aug. 23.
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Window fastener. E. Carter. 2,127,992; Aug. 23.
Wiper arm, Windshield. J. W. Anderson. 2,128,068; Aug. 23.
Wire-drawing machine. C. A. and H. D. Barron. 2,127,989; Aug. 23.
Wire winding apparatus. R. C. Pierce. 2,127,936; Aug. 23.
Wort or the like, Method of and apparatus for producing. J. F. Silhavy. 2,127,759; Aug. 23.
Wristlet. R. D. Mason. 2,127,926; Aug. 23.
Writing machine. W. J. Hausman. 2,127,514; Aug. 23.
Yarn, Treating. R. F. Craig. 2,128,121; Aug. 23.
Zinc ammonium chloride fluxes. R. J. Kepfer. 2,127,564; Aug. 23.
Zinciferous materials, Smelting of. H. K. Najarian. 2,127,633; Aug. 23.

CLASSIFICATION OF PATENTS

ISSUED AUGUST 23, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number=class, second number=subclass, third number=patent number

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89: 2,127,510
112— 107: 2,128,130
215: 2,128,031
254: 2,128,033
113— 33: 2,127,618
35: 2,127,943
102: 2,127,828
112: 2,127,685
114— 219: 2,127,671
227: 2,127,871
115— 18: 2,127,744
116— 129: 2,127,807
117— 2: 2,127,624
9.5: 2,127,921
21: 2,127,554
22: 2,128,184
2,128,185
117—27.5: 2,128,097
118— 19: 2,128,207
119— 61: 2,127,804
120— 47: 2,128,052
90: 2,128,115
121— 48: 2,127,730
57: 2,127,968
158: 2,128,048
122— 249: 2,127,787
491: 2,127,917
123— 18: 2,127,743
50: 2,127,729
2,127,758
65: 2,127,775
79: 2,127,692
119: 2,128,154
127: 2,128,006
169: 2,127,512
2,127,513
2,127,983
173: 2,127,825
179: 2,127,653
125— 11: 2,127,614
126— 36: 2,127,970
95: 2,128,171
128— 62: 2,127,674
90: 2,127,552
127: 2,127,946
195: 2,127,802
129— 20: 2,127,677
24: 2,127,657
131— 172: 2,128,170
132— 13: 2,128,183
36: 2,127,784
133— 2: 2,127,642
134— 1: 2,128,025
12: 2,127,843
23.4: 2,127,540
46: 2,127,818
79: 2,128,136
137— 53: 2,128,039
103: 2,127,649
162: 2,128,059
138— 99: 2,127,627
139— 185: 2,127,939
405: 2,127,817
141— 9: 2,127,778
2,128,006
146— 102: 2,127,861
148— 11.5: 2,128,054
2,128,122
13.1: 2,127,676
26: 2,127,564
149— 5: 2,128,092
152— 222: 2,127,532
155— 7: 2,127,795
137: 2,127,976
179: 2,127,558
156— 17: 2,128,163
158— 27.4: 2,127,723
76: 2,127,866
91: 2,128,155
117.1: Re. 20,835
161— 16: 2,127,749
164— 18: 2,127,960
28: 2,127,820
41: 2,128,147
53: 2,127,563
78: 2,127,617
111: 2,127,681
118: 2,128,116
166— 1: 2,128,212
21: 2,127,662
2,128,160
166— 21: 2,128,161
167— 37: 2,127,879
43: 2,127,526
89: 2,128,158
170— 163: 2,127,687
168: 2,127,747
173: 2,128,009
171— 34: 2,127,505
95: 2,127,545
119: 2,128,056
2,128,106
227: 2,128,044
229: 2,128,094
252: 2,127,680
264: 2,128,131
312: 2,127,822
321: 2,127,549
172— 179: 2,128,034
245: 2,128,019
2,128,080
278: 2,128,141
2,128,142
173— 273: 2,127,840
328: 2,127,544
2,127,556
2,127,675
2,128,132
320: 2,127,977
355: 2,127,692
362: 2,128,066
363: 2,128,055
2,128,162
176— 1: 2,127,756
7: 2,128,173
121: 2,127,757
122: 2,128,051
177— 7: 2,128,150
311: 2,127,823
2,128,169
326: 2,127,887
337: 2,128,061
2,128,067
353: 2,127,733
178— 5.6: 2,128,078
179— 100: 2,127,569
100.3: 2,127,786
180— 43: 2,128,119
181— 59: 2,127,672
183— 77: 2,127,746
184— 6: 2,128,065
187— 29: 2,128,045
2,128,063
188— 2: 2,127,755
2,128,013
18: 2,127,725
79.5: 2,127,801
106: 2,127,739
140: 2,127,740
142: 2,127,912
152: 2,127,741
2,127,890
195: 2,128,038
200: 2,127,920
203: 2,128,037
264: 2,127,557
192— .01: 2,127,718
2,127,752
2,127,754
2,128,165
48: 2,127,713
77: 2,127,719
79: 2,127,659
194— 63: 2,128,180
175— 183: 2,127,831
2,127,845
2,127,846
298: 2,128,149

199—	4: 2,127,905	205—	16: 2,127,989	224—	36: 2,128,174	248—	181: 2,128,046	260—	484: 2,128,208	287—52.02: 2,128,068
	10: 2,128,126	206—	7: 2,128,099	225—	8: 2,127,615		188: 2,127,980		571: 2,128,100	292— 66: 2,128,014
	13: 2,128,029		44: 2,128,197		12: 2,128,124		2,127,981		2,128,195	153: 2,127,543
	17: 2,127,668		46: 2,127,578	226—	15: 2,127,924		197: 2,127,494		627: 2,127,503	263: 2,127,915
	18: 2,127,708		2,127,646		31: 2,127,788		229: 2,128,187	261—	39: 2,127,735	302: 2,127,992
	52: 2,127,577		72: 2,127,826		56: 2,128,076	250—	8: 2,127,525		50: 2,128,079	2,128,001
	2,127,953	209—	121: 2,127,511		68: 2,127,964		11: 2,127,954		94: 2,127,645	346: 2,127,891
	96: 2,127,654		139: 2,128,166		88: 2,127,974		15: 2,127,572		110: 2,127,908	358: 2,128,144
	110: 2,127,815		155: 2,127,987		94: 2,127,962		20: 2,127,816	262—	30: 2,128,064	293— 54: 2,127,931
197—	16: 2,127,508	211—	4: 2,128,114		124: 2,127,892		27: 2,128,117	264—	1: 2,127,833	294— 33: 2,127,882
	2,127,509		28: 2,127,555	228—	37: 2,127,949		27.5: 2,128,070		2,127,836	64: 2,128,200
	2,127,514		60: 2,127,492		63: 2,127,884		2,128,103	265—	39: 2,128,148	67: 2,127,607
	2,127,530		135: 2,127,722	229—	53: 2,127,631		2,128,104		60: 2,127,995	99: 2,128,102
	53: 2,127,507		150: 2,127,721		81: 2,128,196		34: 2,127,502	266—	20: 2,127,727	296— 26: 2,127,580
	127: 2,127,798	213—	72: 2,127,951	230—	1: 2,128,296		2,128,110		23: 2,127,959	44: 2,127,499
	133: 2,127,652	214—	6: 2,127,670		25: 2,127,527	251—	95: 2,127,679	267—	1: 2,127,521	2,127,971
	151: 2,127,812		65: 2,127,938		128: 2,127,985		119: 2,127,688		11: 2,127,518	297— 3: 2,127,592
198—	15: 2,127,922		135: 2,128,010		177: 2,127,550	252—	2: 2,127,702		19: 2,127,609	299— 88: 2,127,731
	2,127,923	215—	1: 2,127,918	235—	1: 2,127,769	253—	2: 2,128,157		72: 2,128,030	120: 2,127,883
	25: 2,128,192		13: 2,127,785		58: 2,127,644	255—	24: 2,127,728	268—	68: 2,127,522	141: 2,127,715
	64: 2,127,726		38: 2,127,776		60: 2,127,673	257—	205: 2,127,732	270—	71: 2,128,167	301— 37: 2,127,598
	131: 2,128,057		56: 2,128,128		144: 2,127,684	259—	54: 2,127,706	271—	2.4: 2,127,704	2,127,600
	192: 2,127,643	217—	4: 2,127,799	236—	44: 2,128,096		85: 2,127,777		31: 2,127,736	63: 2,127,599
	220: 2,127,902		34: 2,128,015		2,128,176	260—	45: 2,127,894		38: 2,127,714	302— 50: 2,127,693
200—	11: 2,127,608	219—	3: 2,127,625		66: 2,128,081		113: 2,128,201		76: 2,127,568	303— 1: 2,128,050
	30: 2,127,957		32: 2,127,551	238—	4: 2,127,701		2,128,202	273—	30: 2,127,873	21: 2,128,053
	44: 2,127,764		2,128,016	241—	19: 2,128,041		121: 2,127,841		33: 2,128,049	23: 2,128,084
	52: 2,127,538		2,128,017	242—	18: 2,127,606		145: 2,127,678	274—	21: 2,127,593	84: 2,127,849
	2,127,669		35: 2,127,658		25: 2,127,936		155: 2,128,153	280—	11.28: 2,127,630	304— 5: 2,127,899
	2,127,753	220—	3: 2,127,712		75: 2,127,772		160: 2,127,986		11.37: 2,128,036	308— 6: 2,127,796
	2,128,164		80: 2,128,093		95: 2,127,858		164: 2,128,101		32.15: 2,127,913	36.1: 2,127,493
	67: 2,127,686		89: 2,128,091		130: 2,127,999		198: 2,128,188		33.55: 2,127,868	66: 2,127,854
	68: 2,127,869		94: 2,127,958	243—	35: 2,127,500		203: 2,127,697		33.9: 2,127,689	238: 2,128,087
	86: 2,128,058	221—	48: 2,127,874	244—	63: 2,127,531		230: 2,127,789		44: 2,127,972	309— 12: 2,127,516
	87: 2,127,813		60: 2,127,911		83: 2,127,864		291: 2,128,043		106: 2,127,553	13: 2,127,767
	2,128,205		2,128,035		2,128,060		292: 2,127,547	281—	17: 2,127,619	312— 67: 2,128,181
	88: 2,127,575		78: 2,127,794		152: 2,127,865		381: 2,128,178		42: 2,127,737	95: 2,128,179
	113: 2,127,821		84: 2,127,860	246—	5: 2,127,691		397: 2,128,198	282—	21: 2,127,750	141: 2,127,594
	121: 2,128,145		103: 2,127,647		33: 2,128,211		2,128,199	285—	6.5: 2,128,040	144: 2,127,963
	152: 2,127,760		144: 2,127,810		130: 2,128,203		400: 2,127,567		98: 2,127,694	162: 2,127,967
	153: 2,127,898	223—	68: 2,127,941	247—	2: 2,128,047		2,127,641		111: 2,128,111	176: 2,127,819
201—	48: 2,127,875		2,128,024		3: 2,128,135		409: 2,127,716		166: 2,127,611	
202—	13: 2,127,542		73: 2,128,003	248—	26: 2,127,979		460: 2,127,495	286—	9: 2,127,865	
204—	1: 2,127,640		88: 2,127,870		38: 2,127,790		476: 2,127,660		11: 2,127,591	

U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abbeville Packing Company. (See Kimbrough, William C.)

Abbotts Dairies, Incorporated, Philadelphia, Pa. Cream cheese. Serial No. 408,444; Aug. 30. Class 46.

Acme Markets, Inc., Philadelphia, Pa. Evaporated milk. Serial No. 408,525; Aug. 30. Class 46.

Albers Bros. Milling Co., Portland, Oreg.; San Francisco, Oakland, Los Angeles, Fresno, Riverside, Sacramento, and San Jose, Calif.; and Seattle, Tacoma, and Spokane, Wash. Poultry food. Serial No. 407,482; Aug. 30. Class 46.

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Women's slips. Serial No. 403,889; Aug. 30. Class 39.

Althouse, Charles S., doing business as Althouse Chemical Company, Reading, Pa. Dyes and dyestuffs. Serial Nos. 405,541–2; Aug. 30. Class 6.

Althouse, Charles S., doing business as Althouse Chemical Company, Reading, Pa. Dyes and dyestuffs. Serial No. 405,544; Aug. 30. Class 6.

American Bemberg Corporation, New York, N. Y. Thread and yarn. Serial Nos. 402,669–71; Aug. 30. Class 43.

American Fitting Company. (See Munz, Elmer G.)

American Safety Razor Corporation, Brooklyn, N. Y. Hair removing devices. Serial No. 398,144; Aug. 30. Class 23.

Andersen Corporation, Bayport, Minn. Metal weather-strips. Serial No. 407,844; Aug. 30. Class 12.

Arcturus Radio Tube Company, Newark, N. J. Metal sheets and metal foils having reflecting surfaces. Serial No. 394,117; Aug. 30. Class 14.

Atlas Canning Company, Inc., New York and Glendale, N. Y. Canned food for dogs, cats, etc. Serial No. 405,053; Aug. 30. **Class 46.**

Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sherry, claret, Burgundy, etc. Serial No. 403,712; Aug. 30. Class 47.

Axel, Limited, New York, N. Y. Golf jackets, ski jackets, and raincoats. Serial No. 406,413; Aug. 30. Class 39.

B. V. D. Corporation, The, Baltimore, Md. Pajamas, and men's shorts. Serial No. 407,211; Aug. 30. Class 39.

Barney's Clothes, Inc., New York, N. Y. Suits, overcoats, topcoats, etc. Serial No. 408,149; Aug. 30. Class 39.

Best & Co., Inc., New York, N. Y. Hosiery, gloves, dresses, etc. Serial No. 406,414; Aug. 30. Class 39.

Big Boy Bottling Company. (See Schiruska, Joseph A.)

Blue Valley Farmer Co., The, Oklahoma City, Okla. Periodical. Serial No. 406,441; Aug. 30. Class 38.

Bon Marche, The. (See Allied Stores Corporation.)

Borger, Samuel, doing business as Modes and Fabrics, New York, N. Y. Portfolios. Serial No. 407,789; Aug. 30. Class 3.

Bourjois, Inc., New York, N. Y. Face powder. Serial No. 401,980; Aug. 30. Class 6.

Brown, John, Ossining, N. Y. Turkeys, ready to serve. Serial No. 403,751; Aug. 30. Class 46.

Brown Shoe Company, Inc., St. Louis, Mo. Shoes. Serial No. 407,850; Aug. 30. Class 39.

Bulletin Record Publishing Co., Chicago, Ill. Pamphlet. Serial No. 406,172; Aug. 30. Class 38.

Burton-Levin Foundation, Inc., The, Baltimore, Md. Anti-digestant preparation. Serial No. 406,547; Aug. 30. Class 6.

Butler Manufacturing Company, Kansas City, Mo. Coal stokers. Serial No. 400,364; Aug. 30. Class 34.

Callahan, Arthur F., New York, N. Y. Electric refrigerators. Serial No. 407,713; Aug. 30. Class 31.

Cal-Par Corporation, New York, N. Y. Laxatives. Serial No. 407,215; Aug. 30. Class 6.

Cannon Mills Company, Kannapolis, N. C. Hosiery. Serial No. 408,048; Aug. 30. Class 39.

Castex Laboratories, Inc., Watertown, Mass. Pharmaceutical preparation. Serial No. 407,714; Aug. 30. Class 6.

Central Wisconsin Canneries, Beaver Dam, Wis. Canned vegetables. Serial No. 393,692; Aug. 30. Class 46.

Chicken Shack, Incorporated, The, Chicago, Ill. Fried chicken and French fried potatoes. Serial No. 395,019; Aug. 30. Class 46.

Chicken Shack, The, Waco, Tex. Fried chicken. Serial No. 399,500; Aug. 30. Class 46.

Codman, Joseph, doing business as Codman's Packing Co., Elmhurst, N. Y. Bacon. Serial No. 393,319; Aug. 30. Class 46.

Cohen, J., & Son, Peoria, Ill. Gasoline. Serial No. 401,333; Aug. 30. Class 15.

Columbia Products Corporation, Washington, D. C. Liquid cleaner for china plumbing fixtures. Serial No. 408,494; Aug. 30. Class 4.

Commercial Shirt Corporation, New York, N. Y. Diapers. Serial No. 406,750; Aug. 30. Class 39.

Commerciale Italiana Societâ Anonima per il Rayon Cisa-Rayon, Rome, Italy. Thread and yarn. Serial Nos. 402,847–9; Aug. 30. Class 43.

Cosby Brush & Import Company, Inc., New York, N. Y. Shaving and toilet soaps. Serial No. 407,308; Aug. 30. Class 4.

Cosby-Hodges Milling Co. Inc., Birmingham, Ala. Pig and hog feed. Serial No. 395,109; Aug. 30. Class 46.

Costerisan, T. Ray, doing business as The Police Patrol Publishing Company, Burbank, Calif. Magazine. Serial No. 408,051; Aug. 30. Class 38.

Crescent Nut & Chocolate Co., Philadelphia, Pa. Peanuts, peanut butter. Serial No. 407,578; Aug. 30. Class 46.

Daniels, Ward, Fillmore, Calif. Fresh citrus fruit. Serial No. 406,624; Aug. 30. **Class 46.**

Davis, H. B., Co., The, Baltimore, Md. Paints, paint enamels, stains, etc. Serial No. 407,058; Aug. 30. Class 16.

Dean's, Professor, King Cactus Oil Company, Clinton, Iowa. Liniment. Serial No. 407,762; Aug. 30. Class 6.

DeLellis, Peter, Nutley, N. J. Bottles of hair tonic. Serial No. 406,848; Aug. 30. Class 6.

Delta Sales Co. (See Kenyon, George D.)

Deringer, Walter O., doing business as Farm Ideas, Minneapolis, Minn. Periodical. Serial No. 408,011; Aug. 30. Class 38.

Dow Chemical Company, The, Midland, Mich. Methyl cellulose. Serial No. 402,088; Aug. 30. Class 6.

Drug Products Company, Inc., The, Long Island City, N. Y. Non-astringent hematinic preparation. Serial No. 408,053; Aug. 30. Class 6.

Duplan Silk Corporation, New York, N. Y. Fabrics in the piece. Serial No. 407,854; Aug. 30. Class 42.

Eagle Clothes, New York, N. Y. Overcoats and topcoats. Serial No. 407,799; Aug. 30. Class 39.

Elmo, Inc., Philadelphia, Pa. Facial creams. Serial No. 407,093; Aug. 30. **Class 6.**

Fabricoustic Co., Los Angeles, Calif. Sound control insulation, building and resilient materials. Serial No. 408,014; Aug. 30. **Class 12.**

Farm Ideas. (See Deringer, Walter O.)

Farnsworth, Daniel W., New York, N. Y. Woolen and worsted piece goods. Serial No. 408,016; Aug. 30. Class 42.

Fawcett Publications, Inc., Greenwich, Conn. Magazine. Serial Nos. 407,856–7; Aug. 30. Class 38.

Fiba-Seal Chemicals, Inc., Hoboken, N. J. Waterproofing or preservative compound. Serial No. 402,496; Aug. 30. Class 6.

Fiba-Seal Chemicals, Inc., Hoboken, N. J. Water-proofing preparation. Serial No. 402,498; Aug. 30. Class 6.

Finegelman, N., & Co., Inc., New York, N. Y. Goods in the piece. Serial No. 406,680; Aug. 30. Class 42.

Four Penny Products Co., Chicago, Ill. Dandruff remover tonic and dandruff remover shampoo. Serial No. 406,126; Aug. 30. **Class 6.**

Garner-Tarkenton, Wilson, N. C. Soda fountain beverage. Serial No. 407,670; Aug. 30. Class 45.

Garside, A., & Sons, Philadelphia, Pa. Women's shoes. Serial No. 407,017; Aug. 30. Class 39.

General Paint & Varnish Co., Chicago, Ill. Paints, varnishes, and paint enamels. Serial No. 407,020; Aug. 30. Class 16.

Gertz, B., Inc., Jamaica, N. Y. Suits, overcoats, and topcoats. Serial No. 397,903; Aug. 30. Class 39.

Gilmour Bros. & Company, Limited, Montreal, Quebec, Canada. Vegetable agent. Serial No. 400,502; Aug. 30. Class 46.

Gladding McBean & Co., Los Angeles, Calif. Ceramic table ware, earthen ware, etc. Serial No. 403,409; Aug. 30. Class 30.

Globe Knitting Works, Grand Rapids, Mich. Combination polo shirt and underwear. Serial No. 407,807; Aug. 30. Class 39.

Goodman & Dessauer, Inc., New York, N. Y. Lace. Serial No. 407,313; Aug. 30. Class 42.

Gossard, H. W., Co., The, Chicago, Ill. Corsets, girdles, and combination corsets and brassières. Serial No. 407,375; Aug. 30. Class 39.

Gray Company, Incorporated, Minneapolis, Minn. Lubricating equipment, apparatus, and machinery. Serial Nos. 404,940–1; Aug. 30. Class 23.

Greene, Tweed & Co., New York, N. Y. Machinery packings. Serial No. 408,799; Aug. 30. Class 35.

Grocers Service Corporation, Chicago, Ill. Canned fruits and vegetables. Serial No. 397,660; Aug. 30. Class 46.

Hayden, Edward J., doing business as E. J. Hayden and Company, New York, N. Y. Electrically illuminated advertising display devices. Serial No. 405,989; Aug. 30. Class 21.

Hensoldt, Carl, doing business as M. Hensoldt & Söhne, Wetzlarer Optische Werke, Wetzlar, Germany. Field glasses, telescopes, magnifying glasses, etc. Serial No. 400,416; Aug. 30. Class 26.

Hercules Powder Company, Wilmington, Del. Emulsified combination of waxes and fats for textile finishing. Serial No. 408,710; Aug. 30. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Hercules Powder Company, Wilmington, Del. Sulfonated for high titre fats for textiles. Serial No. 408,712; Aug. 30. Class 6.
Hercules Powder Company, Wilmington, Del. Treated vegetable oil for textile finishing. Serial No. 408,713; Aug. 30. Class 6.
Hill, C. V., and Company, Inc., Trenton, N. J. Refrigerator display cases. Serial No. 408,884; Aug. 30. Class 31.
Hoffman Distilling Company, Inc., Lawrenceburg, Ky. Whiskey. Serial No. 408,191; Aug. 30. Class 49.
Home Oil Heating Company, Passaic, N. J. Oil burners. Serial No. 406,716; Aug. 30. Class 34.
Hood Rubber Company, Inc., Wilmington, Del., and Watertown, Mass. Rubber boots and shoes, rubber overshoes, etc. Serial No. 408,059; Aug. 30. Class 39.
Hughes Fawcett, Inc., New York, N. Y. Shoe laces. Serial No. 399,560; Aug. 30. Class 40.
Hunter, Roy A., Vancouver, British Columbia, Canada. Flour, bread, muffins, etc. Serial No. 385,098; Aug. 30. Class 46.
Ivers-Lee Company, Newark, N. J. Merchandise containers. Serial No. 389,991; Aug. 30. Class 2.
Jawine Company, The. (See Weinberger, Julius A.)
K & S Motor Products, Inc., The, Hillside, N. J. Filter units for gases or oils, etc. Serial No. 405,814; Aug. 30. Class 31.
Kahn, J. Leon, doing business as Novotex Laboratories, Washington, D. C. Chemical preparation. Serial No. 407,023; Aug. 30. Class 6.
Kasnowitz, Max, & Sons, New York, N. Y. Children's and misses' pocketbooks. Serial No. 408,023; Aug. 30. Class 3.
Kenyon, George D., doing business as Delta Sales Co., Delta, Pa. Seed corn. Serial No. 406,762; Aug. 30. Class 1.
Kimball, C. M., Co., Everett, Mass. Preparation for cleaning glass windows, windshields, etc. Serial No. 408,333; Aug. 30. Class 4.
Kimbrough, William C., doing business as Abbeville Packing Company, Lafayette, La. Canned vegetables, canned oysters, and canned berries. Serial No. 397,975; Aug. 30. Class 46.
Kimpton, Herbert C., Portland, Oreg. Mattresses. Serial No. 407,315; Aug. 30. Class 32.
Kingston Radio Company, Kokomo, Ind. Radio tuning dials. Serial No. 398,906; Aug. 30. Class 21.
Kleso Manufacturing Company, New York, N. Y. Cleaner for Venetian blinds. Serial No. 407,675; Aug. 30. Class 4.
La Brea Securities Co., Los Angeles, also doing business as Rosemary Packing Company, Santa Maria, Calif. Fresh vegetables. Serial No. 405,027; Aug. 30. Class 46.
Lenox, Incorporated, Trenton, N. J. Lamp bodies, candlesticks, candle holders, etc. Serial No. 403,656; Aug. 30. Class 34.
Le Roi Hosiery Co., Inc., New York, N. Y. Hosiery. Serial No. 402,685; Aug. 30. Class 39.
Lindberg Engineering Co., Chicago, Ill. Metal treating furnaces. Serial No. 399,841; Aug. 30. Class 34.
London & Co., Inc., Elizabeth, N. J. Whiskey. Serial No. 403,595; Aug. 30. Class 49.
Lorr Laboratories, Inc., Paterson, N. J. Nail polish, nail polish remover, cuticle remover, etc. Serial No. 404,859; Aug. 30. Class 6.
Louisville Cement Company, Louisville, Ky. Portland cement. Serial No. 403,214; Aug. 30. Class 12.
Lyons, Gordon V., Inc., New York, N. Y. Pile fabrics. Serial No. 408,027; Aug. 30. Class 42.
Mac-It Parts Company, Lancaster, Pa. Hollow-head set screws. Serial No. 404,051; Aug. 30. Class 13.
Marathon Laboratories, Inc., Newark, N. J. Nail polish, nail wax, powder, etc. Serial No. 407,380; Aug. 30. Class 6.
Marietta Paint & Color Co., The, Marietta, Ohio. Clear varnishes, lacquers, and paint enamels. Serial No. 408,069; Aug. 30. Class 16.
Marion Laboratories, Inc., Chicago, Ill. Liquid cleaning composition for leather, mattresses, etc. Serial No. 408,389; Aug. 30. Class 4.
Maryland Baking Company, Inc., Baltimore, Md. Ice cream cones. Serial No. 408,467; Aug. 30. Class 46.
Mascolo, Emil, doing business as C. Mascolo Bottling Works, Waterbury, Conn. Beverages, and syrups, extracts, and flavors used in making the same. Serial No. 407,438; Aug. 30. Class 45.
Masson, Paul, Champagne Company, Saratoga, Calif. Wines. Serial No. 407,027; Aug. 30. Class 47.
Master Brands, Inc., doing business as The Zoro Company, Chicago, Ill. Toilet bowl deodorant. Serial No. 402,733; Aug. 30. Class 6.
Mayer, Oscar, & Company, Chicago, Ill. Smoked meats; and sausage, boiled ham, etc. Serial No. 398,117; Aug. 30. Class 46.
McComb, James B., New York, N. Y. Cleaning preparation. Serial No. 400,423; Aug. 30. Class 4.
Midland Flour Milling Company, The, Kansas City, Mo. Wheat flour. Serial No. 405,778; Aug. 30. Class 46.
Miller, Polk, Products Corp., Richmond, Va. Flea powder. Serial Nos. 406,601–2; Aug. 30. Class 6.
Millville Manufacturing Company, The, Philadelphia, Pa. Towels and toweling. Serial No. 402,308; Aug. 30. Class 42.
Miscoe Spring Water Company, Mendon, Mass. Beverages, and syrups, extracts, and flavors used in making the same. Serial No. 408,616; Aug. 30. Class 45.
Modes and Fabrics. (See Borger, Samuel.)
Monroe, Marjorie, Cosmetic Co., Chicago, Ill. Cosmetic preparations. Serial No. 404,771; Aug. 30. Class 6.
Monsanto Chemical Company, St. Louis, Mo. Chemical compounds. Serial No. 408,851; Aug. 30. Class 6.
Montandon, Mary and Joseph, Jr., Newburgh, N. Y. Preparation for scalp treatment. Serial No. 407,912; Aug. 30. Class 6.
Mueller Electric Company, Cleveland, Ohio. Connecting clips. Serial No. 407,635; Aug. 30. Class 21.
Munz, Elmer G., doing business as American Fitting Company, Detroit, Mich. Metal pipe, plumbing valves, and pipe fittings. Serial Nos. 403,606–7; Aug. 30. Class 13.
National Co-Operatives, Inc., Indianapolis, Ind. Washing machines and electric ironers. Serial No. 399,671; Aug. 30. Class 24.
Neva-Moth Corporation of America, New York, N. Y. Men's coats. Serial No. 405,366; Aug. 30. Class 39.
Norwich Pharmacal Company, The, Norwich, N. Y. Preparation indicated for treatment of raw, tickling, etc., throat conditions; coughs, etc. Serial No. 408,759; Aug. 30. Class 6.
Novotex Laboratories. (See Kahn, J. Leon.)
Parker, Wilder & Co., New York, N. Y. Woolen piece goods. Serial No. 404,014; Aug. 30. Class 42.
Parris-Dunn Corporation, Clarinda, Iowa. Wind-driven electric generator apparatus. Serial No. 408,203; Aug. 30. Class 21.
Peterson, Edward C., Elmira, N. Y. Soothing and painless preparation for burns, etc. Serial No. 408,737; Aug. 30. Class 6.
Phelan, Joseph E., Inc., Salem, Mass. Wines. Serial No. 401,447; Aug. 30. Class 47.
Pioneer Atlas Liquor Co., Chicago, Ill. Bourbon whiskey. Serial No. 408,398; Aug. 30. Class 49.
Plate, Robert T., doing business as Plate Manufacturing Company, Detroit, Mich. Hair curlers and bob pins. Serial Nos. 407,503–4; Aug. 30. Class 40.
Police Patrol Publishing Company, The. (See Costerisan, T. Ray.)
Pond Lily Company, The, New Haven, Conn. Piece goods. Serial No. 408,508; Aug. 30. Class 42.
Products In Pictures, Inc., New York, N. Y. Publication. Serial No. 407,814; Aug. 30. Class 38.
Pylam Products Company, Inc., New York, N. Y. Dyes and bleaching materials. Serial No. 364,357; Aug. 30. Class 6.
Quaker Oats Company, The, Chicago, Ill. Rolled oats. Serial No. 406,029; Aug. 30. Class 46.
Raylite Trading Co., Inc., New York, N. Y. Electric lamp sockets and Christmas tree lighting outfits. Serial No. 404,449; Aug. 30. Class 21.
Red Rock Co., The, Atlanta, Ga. Beverages, and sirups and extracts for making the same. Serial No. 408,763; Aug. 30. Class 45.
Reno Brewing Company, Inc., Reno, Nev. Beer. Serial No. 408,476; Aug. 30. Class 48.
Roche, Renaud Pharmaceutical Company, Inc., Fairhaven, Mass. Ear medication preparation. Serial No. 403,330; Aug. 30. Class 6.
Rollman & Sons Co., The, Cincinnati, Ohio. Stoves, ranges, and heaters using gas fuel. Serial No. 406,163; Aug. 30. Class 34.
Roma Wine Company, Inc., Lodi and Los Angeles, Calif., and New York, N. Y. Wines. Serial No. 403,563; Aug. 30. Class 47.
Rosemary Packing Company. (See La Brea Securities Co.)
Ross, Sydney, Co., The, Newark, N. J. Laxative preparation. Serial No. 407,510; Aug. 30. Class 6.
Rudofker's, S., Sons, Philadelphia, Pa. Coats, pants, vests, etc. Serial No. 391,149; Aug. 30. Class 39.
Schiruska, Joseph A., doing business as Big Boy Bottling Company, Wildwood, Fla. Beverages, and syrups, extracts, and flavors used in making the same. Serial No. 408,550; Aug. 30. Class 45.
Schnefel Bros. Corporation, Newark, N. J. Liquid coating for the fingernails. Serial No. 406,985; Aug. 30. Class 6.
Schneider, Ph., Brewing Co., Trinidad, Colo. Beer. Serial No. 406,884; Aug. 30. Class 48.
Scholler Brothers, Inc., Philadelphia, Pa. Textile soap and a cleaner for painted, etc. surfaces. Serial No. 405,669; Aug. 30. Class 4.
Sears, Roebuck and Co., Chicago, Ill. Household furniture. Serial No. 394,809; Aug. 30. Class 32.
Sears, Roebuck and Co., Chicago, Ill. Stamped fancywork. Serial No. 407,442; Aug. 30. Class 40.
Seinsheimer, H. A., Company, The, Cincinnati, Ohio. Poplin suits for men and young men. Serial No. 407,825; Aug. 30. Class 39.
Spitz-Arnstein & Co., Inc., New York, N. Y. Candies. Serial No. 408,357; Aug. 30. Class 46.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Standard Milling Company, New York, N. Y. Wheat flour. Serial Nos. 398,375–6; Aug. 30. Class 46.
Stanley, Vanda, doing business as Mme. Vanda, Chicago, Ill. Hand and face lotions. Serial No. 406,199; Aug. 30. Class 6.
Surface-Proofing Products, Inc., New York, N. Y. Paint. Serial No. 407,509; Aug. 30. Class 16.
Swann, Jacquith P., Chicago, Ill. Dentures. Serial No. 408,479; Aug. 30. Class 46.
Tex-Ite Products Corporation, Brooklyn, N. Y. Soap powder. Serial No. 408,404; Aug. 30. Class 4.
Thomas Chemical Products Co., Inc., New York, N. Y. Jewelry cleaner. Serial No. 408,290; Aug. 30. Class 4.
Tingue, Brown & Co., New York, N. Y. Pads of jute and hair. Serial No. 407,116; Aug. 30. Class 42.
Tioga Mills, Inc., Waverly, N. Y. Therapeutic preparation consisting of essential minerals. Serial No. 392,114; Aug. 30. Class 6.
Ton-Tex Corporation, Grand Rapids, Mich. Belting. Serial No. 408,772; Aug. 30. Class 35.
Torres, Francisco, Juana Diaz, P. R. Hair preparation. Serial No. 405,467; Aug. 30. Class 6.
United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. Serial No. 403,799; Aug. 30. Class 33.
United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. Serial No. 403,801; Aug. 30. Class 33.
Universal Atlas Cement Company, Chicago, Ill. Portland cement. Serial No. 405,974; Aug. 30. Class 12.
Vanda, Mme. (See Stanley, Vanda.)
Vernon-Benshoff Company, Pittsburgh, Pa. Restorative dental appliances; and corrective appliances. Serial No. 407,044; Aug. 30. Class 44.
Weinberger, Julius A., doing business as The Jawine Company, New York, N. Y. Angora yarn. Serial No. 407,839; Aug. 30. Class 43.
Weslaco Citrus Association, Weslaco, Tex. Fresh citrus fruits. Serial No. 401,634; Aug. 30. Class 46.
Williamson Candy Company, Chicago, Ill. Candy. Serial No. 407,965; Aug. 30. Class 46.
Wilmerding & Bisset, New York, N. Y. Rayon and cotton fabrics. Serial No. 408,675; Aug. 30. Class 42.
Wilson Brothers, Chicago, Ill. Men's neckties. Serial Nos. 401,039–43; Aug. 30. Class 39.
Winthrop Chemical Company, Inc., New York, N. Y. Chemotherapeutic agent. Serial No. 407,119; Aug. 30. Class 6.
Yarling, Wayne, Elwood, Ind. Popcorn in its natural state. Serial No. 402,393; Aug. 30. Class 46.
Zeiss, Carl, Jena, Germany. Objectives and light filters. Serial No. 408,179; Aug. 30. Class 26.
Zoro Company, The. (See Master Brands, Inc.)

LIST OF REGISTRANTS OF TRADE-MARKS

Abraham & Straus, Inc., Brooklyn, N. Y. Perfume, lipstick, sachet, etc. 359,808; Aug. 30; Serial No. 405,096; published June 7, 1938. Class 6.
Adjuvant Specialties Company, Jersey City, N. J. Medicinal preparation. 359,874; Aug. 30; Serial No. 406,010; published June 21, 1938. Class 6.
Albers Bros. Milling Co., Portland, Oreg.; San Francisco, Oakland, Los Angeles, Riverside, Fresno, Sacramento, and San Jose, Calif.; and Seattle, Tacoma, and Spokane, Wash. Corn flakes. 359,896; Aug. 30. Class 46.
American-British Chemical Supplies, Inc., New York, N. Y. Chemical fluxes. 359,786; Aug. 30; Serial No. 404,678; published June 7, 1938. Class 6.
American International Distributing Corporation, Los Angeles, Calif. Medical compound. 359,819; Aug. 30; Serial No. 405,236; published June 7, 1938. Class 6.
Annin & Co., New York, N. Y. Flags. 124,072–4; renewed Jan. 14, 1939.
Apalachee Packing Company, Inc., Apalachicola, Fla. Canned oysters. 124,186; renewed Jan. 21, 1939.
Arctic Fruit Ales Co., Inc., Brooklyn, N. Y. Beverages, and syrups and extracts for making the same. 359,674; Aug. 30; Serial No. 396,590; published June 21, 1938. Class 45.
Atlas Powder Company, Wilmington, Del. Water-repellent processing fluids and coating compositions for fabrics, yarns, paper. 359,742; Aug. 30; Serial No. 403,355; published June 21, 1938. Class 6.
Associated Distributors, Inc., Chicago, Ill. Lipsticks, rouge, face powder, etc. 359,865; Aug. 30; Serial No. 406,274; published June 21, 1938. Class 6.
Associated Merchandising Corporation, New York, N. Y. Muslin sheets and pillow cases. Percale sheets and pillow cases, etc. 359,834; Aug. 30; Serial No. 405,430; published June 21, 1938. Class 42.
Atlas Chemical Company, Marietta, Ohio. Metallic radiator cement. 359,762; Aug. 30; Serial No. 404,105; published June 21, 1938. Class 6.
Atlas Powder Company, Wilmington, Del. Detonators. 359,881; Aug. 30; Serial No. 406,169; published June 21, 1938. Class 9.
Baker, Herman, New York, N. Y. Educational game boards. 359,887; Aug. 30; Serial No. 406,368; published June 21, 1938. Class 22.
Baltimore Bargain House, Baltimore, Md., to Butler Brothers, Chicago, Ill., successor. Overalls and coats. 122,567; renewed Aug. 27, 1938.
Barbaresso Brothers, Piraeus, Greece. Brandy. 359,836; Aug. 30; Serial No. 405,475; published June 21, 1938. Class 49.
Barr, Michael P., New York, N. Y. Insecticides. 359,787; Aug. 30; Serial No. 404,681; published June 14, 1938. Class 6.
Bates Fabrics, Inc., New York, N. Y. Bedspreads. 359,809; Aug. 30; Serial No. 405,099; published June 21, 1938. Class 42.
Baum, Ellen N., Denver, Colo. Hair tinting rinses. 359,820; Aug. 30; Serial No. 405,238; published June 21, 1938. Class 6.
Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mountings. 359,678; Aug. 30; Serial No. 397,606; published June 21, 1938. Class 26.
Baxter Laboratories, Inc., Glenview, Ill. Dextrose and amino acids. 359,848; Aug. 30; Serial No. 405,629; published June 21, 1938. Class 6.
Beech-Nut Packing Company. (See Johnson, Helen E., assignor.)
Bell Aircraft Corporation, Buffalo, N. Y. Airplanes and structural parts thereof. 359,849–51; Aug. 30; Serial Nos. 405,678–80; published June 21, 1938.
Ben-Burk, Inc., Boston, Mass. Rye and bourbon whiskey. 359,818; Aug. 30; Serial No. 405,191; published June 21, 1938. Class 49.
Bennett Incorporated, Cambridge, Mass. Solvents. 359,673; Aug. 30; Serial No. 396,557; published June 21, 1938. Class 4.
Bette Beaux Co., Memphis, Tenn. Cleansing cream, wrinkle eradicator, turtle oil tissue cream, etc. 359,810; Aug. 30; Serial No. 405,100; published June 7, 1938. Class 6.
Billimack, Vernon J., St. Louis, Mo. Roach and lice destroying powder. 359,778; Aug. 30; Serial No. 404,464; published May 31, 1938. Class 6.
Bio-Chemical Products, Inc., Los Angeles, Calif. Medicated solution. 359,804; Aug. 30; Serial No. 405,055; published May 31, 1938. Class 6.
Bisceglia Bros., to Bisceglia Brothers Incorporated, San Jose, Calif., successor. Foods. 122,424; renewed Aug. 20, 1938.
Bliss Laboratories, Inc., The, New York, N. Y., assignor to The Bliss Laboratories Corp., Newark, N. J. Toilet preparations. 123,935; renewed Dec. 24, 1938.
Böhme Fettchemie-Gesellschaft mit beschränkter Haftung, Chemnitz, Germany. Chemical dye aids. 359,763; Aug. 30; Serial No. 404,113; published June 14, 1938. Class 6.
Bologh, Sidney D., doing business as Vibo Products Co., Brooklyn, N. Y. Scalp lotion. 359,703; Aug. 30; Serial No. 401,322; published May 31, 1938. Class 6.
Bonney Company, to Bonney, Inc., Chicago, Ill., successor. Pharmaceutical preparations. 114,689; renewed Jan. 2, 1937.
Boorum & Pease Company, New York, N. Y. Bond-paper. 122,844; renewed Sept. 24, 1938.
Boston Drug & Chemical Co., Boston, Mass. Liquid preparation for mothproofing. 359,852; Aug. 30; Serial No. 405,713; published June 21, 1938. Class 6.
Bray Chemical Co., Chicago, Ill. Lye. 359,875; Aug. 30; Serial No. 406,047; published June 21, 1938. Class 6.
Breck, John H., Inc., Springfield, Mass. Preparations for shampoo purposes. 359,764; Aug. 30; Serial No. 404,117; published June 21, 1938. Class 6.
British Drug Houses, Limited, The, London, England. Vaginal suppositories. 359,772; Aug. 30; Serial No. 404,349; published May 31, 1938. Class 6.
Brooklyn Scientific Products Co., Inc., New York, N. Y. Medicinal preparation. 359,800; Aug. 30; Serial No. 405,008; published June 21, 1938. Class 6.
Buda Company, The, Harvey, Ill. Shop trucks and carts. 359,783; Aug. 30; Serial No. 404,623; published June 21, 1938. Class 19.
Bull, August P., doing business as August P. Bull Candy Company, San Antonio, Tex. Candy. 359,782; Aug. 30; Serial No. 404,599; published June 21, 1938. Class 46.
Butler Brothers. (See Baltimore Bargain House.)
California Growers Wineries, Inc., Fresno, Calif. Wines. 359,652; Aug. 30; Serial No. 356,688; published Nov. 13, 1934. Class 47.

California Perfume Company, Inc., New York, N. Y. Perfumes and face powder. 359,837; Aug. 30; Serial No. 405,480; published June 14, 1938. Class 6.
Callaway Mills, La Grange, Ga. Yarn and thread. 359,899; Aug. 30. Class 43.
Canada Cycle & Motor Company Limited, Weston, Ontario, Canada. Children's tricycles and other vehicles. 359,846; Aug. 30; Serial No. 405,589; published June 21, 1938. Class 22.
Carbide and Carbon Chemicals Corporation, New York, N. Y. Glycol compositions. 359,657; Aug. 30; Serial No. 380,498; published Oct. 27, 1936. Class 6.
Carnrick, G. W., Co., Newark, N. J. Standardized ovarian hormone preparation. 359,844; Aug. 30; Serial No. 405,549; published June 14, 1938. Class 6.
Carr-Lowrey Glass Company, Baltimore and Westport, Md., to Carr-Lowrey Glass Co., Baltimore, Md. Glass bottles. 124,188; renewed Jan. 21, 1939.
Casement Hardware Co., The, Chicago, Ill. Latches. 359,757; Aug. 30; Serial No. 403,907; published June 21, 1938. Class 25.
Cashmore, Frances E., doing business as Dorox Laboratories, New York, N. Y. Eye wash. 359,813; Aug. 30; Serial No. 405,149; published June 7, 1938. Class 6.
Cauchois, Félix J., Hussigny-Godbrange, Meurthe-et-Moselle, France. Medicinal tablets. 359,685; Aug. 30; Serial No. 398,514; published June 7, 1938. Class 6.
Cauchois, Félix J., Hussigny-Godbrange, Meurthe-et-Moselle, France. Medicinal ointments. 359,686; Aug. 30; Serial No. 398,522; published Dec. 21, 1938. Class 6.
Cedar Cliff Silk Co., Inc., The, New York, N. Y. Silk, satin, and silk and cotton mixtures. 359,789; Aug. 30; Serial No. 404,795; published June 21, 1938. Class 42.
Century Furniture Accessories, Inc., New York, N. Y. Refrigerators. 359,801; Aug. 30; Serial No. 405,012; published June 21, 1938. Class 31.
Champion Paper and Fibre Company, The, Canton, N. C. Light boiling odorizing materials. 359,740; Aug. 30; Serial No. 403,306; published May 31, 1938. Class 6.
Chemical Process Company, Dallas, Tex. Preparation for cleaning toilet bowls, etc. 359,721; Aug. 30; Serial No. 402,404; published June 21, 1938. Class 4.
Chemische Fabrik "Ilio" Hans Haag. (See Haag, Hans.)
Chill Foam Corporation of America, Detroit, Mich. Powder for washing filter mass and like materials. 359,698; Aug. 30; Serial No. 399,594; published June 21, 1938. Class 4.
Cía Licorera Juliá. (See Juliá, Ramón C.)
Clayton Manufacturing Company, Alhambra, Calif. Steam generators. 359,911; Aug. 30. Class 34.
Cleveland Brass Manufacturing Company, The, Cleveland, Ohio. Metal pipe fittings and tank car unloading connections. 359,890; Aug. 30. Class 13.
Coen, Garnet W., doing business as Desert Wonder Products Company, Los Angeles, Calif. Skin conditioning preparation. 359,705; Aug. 30; Serial No. 401,543; published June 7, 1938. Class 6.
Commanditaire Vennootschap op Aandeelen Tieleman & Dros, Leiden, Netherlands. Combined vegetables and meat, and combined vegetables, potatoes, and meat, etc. 359,728; Aug. 30; Serial No. 402,876; published June 21, 1938. Class 46.
Conducto-Therm Corporation, Las Vegas, Nev., and Los Angeles, Calif. Fever therapy apparatus. 359,695; Aug. 30; Serial No. 399,341; published June 21, 1938. Class 44.
Continental Blade Corporation, Brooklyn, N. Y. Razors and razor blades. 359,666; Aug. 30; Serial No. 391,853; published June 22, 1937. Class 23.
Cooper Medicine Company, The, to International Proprietaries Incorporated, Dayton, Ohio, successor. Preparation for headache, colds, neuralgia, and nervousness. 122,849; renewed Sept. 24, 1938.
Cos-Tal Laboratories Co. (See Hitt, Alvin M.)
Crown Brewing Company, The, to The Queen City Bottling Company, Cincinnati, Ohio, successor. Extract of malt and hops. 122,639; renewed Sept. 3, 1938.
Crucible Steel Company of America. (See Halcomb Steel Company, assignor.)
Cudahy Packing Company, The, Chicago, Ill., and Omaha, Nebr., assignor to The Cudahy Packing Company, Chicago, Ill. **Foods. 122,069; renewed June 25, 1938.**
Dare, Virginia, Extract Company, Inc., Brooklyn, N. Y. Mixers. 359,882; Aug. 30; Serial No. 406,178; published June 21, 1938. Class 45.
De Beer, J., & Son, Albany, N. Y. Playing balls. 359,860; Aug. 30; Serial No. 405,806; published June 21, 1938. Class 22.
De Land, C. M., New York, N. Y. Woolen piece goods. 359,868; Aug. 30; Serial No. 405,919; published June 21, 1938. Class 42.
Desert Wonder Products Company. (See Coen, Garnet W.)
Dewey and Almy Chemical Company, Cambridge, Mass. Bladders for playballs, basketballs, etc. 359,865; Aug. 30; Serial No. 405,872; published June 21, 1938. Class 22.
Dickinson, E. E., Co., The, Essex, Conn. Preparation for softening the skin, etc. 359,864; Aug. 30; Serial No. 405,863; published June 21, 1938. Class 6.
Do-All Co. (See McCarthy, Theresa.)
Dominion Dry Co. (See Farrell, M. M., & Sons.)
Dorox Laboratories. (See Cashmore, Frances E.)
Doughten, H. W., New York, N. Y., assignor to The Doughten Seed Company, Jersey City, N. J. Grass and field seeds. 123,799; renewed Dec. 10, 1938.
Durand & Huguenin A. G., Basel, Switzerland. Auxiliary products used in the dyeing and printing of textiles. 359,838; Aug. 30; Serial No. 405,489; published June 14, 1938. Class 6.
Eau de Cologne Fabriek v. h. J. C. Boldoot, Amsterdam, Netherlands, now by change of name to Naamlooze Vennootschap Eau de Cologne Fabriek J. C. Boldoot. Paste for cleaning teeth. 122,687; renewed Sept. 10, 1938.
Edwal Laboratories, Inc., The, Chicago, Ill. Chemicals for photography. 359,667; Aug. 30; Serial No. 393,638; published June 21, 1938. Class 6.
Electro Products Company. (See Stewart, Patterson O.)
Electrolux, Inc., New York, N. Y., assignor to Electrolux Corporation. Electric vacuum cleaner nozzles. 359,745; Aug. 30; Serial No. 403,544; published June 21, 1938. Class 21.
Endura Corporation, The, Los Angeles, Calif. Chemical for permanently waving hair. 359,669; Aug. 30; Serial No. 394,029; published Aug. 17, 1937. Class 6.
Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 359,884; Aug. 30; Serial No. 406,242; published June 21, 1938. Class 22.
Epstein, Ezekiel S., Danville, Ill. Whiskey. 359,679; Aug. 30; Serial No. 398,100; published June 21, 1938. Class 49.
Essex Remedy Co., Inc., Newark and Roselle, N. J. Medicine. 359,727; Aug. 30; Serial No. 402,854; published May 31, 1938. Class 6.
Est-A-Mae Company. (See Massey, E. E.)
Etablissements Rigaud Inc., New York, N. Y. Perfumes, toilet waters, face powders, etc. 359,717–8; Aug. 30; Serial Nos. 402,255–6; published June 14, 1938. Class 6.
Fabergé, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 359,773; Aug. 30; Serial No. 404,357; published June 14, 1938. Class 6.
Farrell, M. M., & Sons, doing business as Dominion Dry Co., Burlington, Vt. Ginger ale and soft drinks. 359,760; Aug. 30; Serial No. 404,037; published June 21, 1938. Class 45.
Feintuch, Jacob, Brooklyn, N. Y. Dental casting alloys. 359,731; Aug. 30; Serial No. 403,121; published June 21, 1938. Class 44.
Fiddler, Earl A., Indianapolis, Ind. Skin ointment. 359,743; Aug. 30; Serial No. 403,503; published June 14, 1938. Class 6.
Film Flote Co. (See Laymon, Gilbert D.)
Finch, Joseph S., and Company, New York, N. Y., and Schenley, Pa. Rum, whiskey, gin, etc. 359,845; Aug. 30; Serial No. 405,552; published June 21, 1938. Class 49.
Finch, Leon, Ltd., Los Angeles, Calif. Lacquer cutter, and abrasive and/or polishing agent. 359,785; Aug. 30; Serial No. 404,638; published June 21, 1938. Class 4.
Fink-Roselieve Co. Inc., New York, N. Y. Photographic products. 359,751; Aug. 30; Serial No. 402,762; published May 31, 1938. Class 6.
Fishermen's Tuna Packing Company. (See Neptune Sea Food Company, assignor.)
Fleron, M. M., & Son, Inc., Trenton, N. J. Radio blinker telegraph. 359,912; Aug. 30. Class 21.
Foley and Company, Chicago, Ill. Vitamin compound. 359,699; Aug. 30; Serial No. 399,703; published June 7, 1938. Class 6.
Foley and Company, Chicago, Ill. Preparations for stimulating and conditioning the kidneys. 359,737; Aug. 30; Serial No. 403,251; published May 31, 1938. Class 6.
Fuller Products Co., Chicago, Ill. Body deodorant. 359,744; Aug. 30; Serial No. 403,504; published June 7, 1938. Class 6.
Gardner Machine Company, South Beloit, Ill. Abrasive tools, abrasive wheels, and abrasive disks. 359,766; Aug. 30; Serial No. 404,208; published June 21, 1938. Class 4.
Gardner Machine Company, South Beloit, Ill. Abrasive tools, abrasive wheels, and abrasive disks. 359,767; Aug. 30; Serial No. 404,210; published June 21, 1938. Class 4.
Gardner Machine Company, South Beloit, Ill. Abrasive tools, abrasive wheels, and abrasive disks. 359,768–9; Aug. 30; Serial Nos. 404,212–13; published June 21, 1938. Class 4.
G. E. Laboratories. (See Troutman, Roy J.)
General Chemical Company, New York, N. Y. Nitric acid. 359,708; Aug. 30; Serial No. 401,664; published June 7, 1938. Class 6.
General Motors Corporation, Detroit, Mich. Removable ice trays. 359,759; Aug. 30; Serial No. 404,000; published June 14, 1938. Class 31.
General Printing Ink Corporation, New York, N. Y. Preparation used in lithographic processes. 359,839; Aug. 30; Serial No. 405,495; published June 14, 1938. Class 6.
Gervi Laboratories, Inc., Fort Lee, N. J. Cosmetic cream. 359,730; Aug. 30; Serial No. 403,082; published May 31, 1938. Class 6.
Gilbert, A. C., Company, The, assignor to The A. C. Gilbert Company, New Haven, Conn. Electrical apparatus, machines, and supplies. 123,991; renewed Dec. 31, 1938.
Gittleson, Nathan, doing business as Pinxav Laboratories, Cleveland, Ohio. Medicated preparation, ointment, or salve. 359,663; Aug. 30; Serial No. 391,124; published June 22, 1937. Class 6.

Goldstein, Benjamin, Co., The, New York, N. Y. Potatoes. 359,687; Aug. 30; Serial No. 398,572; published June 21, 1938. Class 46.
Goodrich Electric Company, Chicago, Ill. Unitary electric lighting fixtures. 359,715; Aug. 30; Serial No. 402,156; published June 21, 1938. Class 21.
Gorman, Frances L., doing business as Indian Herb Company, Kansas City, Mo. Alterative and reconstructive tonic. 359,805; Aug. 30; Serial No. 405,069; published June 7, 1938. Class 6.
Graf, John, Company, Milwaukee, Wis. Spring-water. 121,614; renewed May 14, 1938.
Greenman, I., Sons & Co., Inc., New York, N. Y. Bed spreads, bath mats, blankets, etc. 359,746; Aug. 30; Serial No. 403,547; published June 21, 1938. Class 42.
Grosjean, C. E., Rice Milling Co., San Francisco, Calif. Rice. 359,707; Aug. 30; Serial No. 401,642; published June 21, 1938. Class 46.
Grosner, Clarence W., assignor to Raleigh Haberdasher, Inc., Washington, D. C. Clothing. 124,241; renewed Jan. 28, 1939.
Gruen Watch Company, The, Cincinnati and Time Hill, Cincinnati, Ohio. Watches, watch cases, and watch movements. 359,895; Aug. 30. Class 27.
Gum Incorporated, Philadelphia, Pa. Chewing gum. 359,822–5; Aug. 30; Serial Nos. 405,294–7; published June 21, 1938. Class 46.
Haag, Hans, Berlin, Germany, doing business as Chemische Fabrik "Ilio" Hans Haag. Preparation for killing animals and plants, disinfectants. 359,696; Aug. 30; Serial No. 399,524; published May 24, 1938. Class 6.
Halcomb Steel Company, Syracuse, assignor to Crucible Steel Company of America, New York, N. Y. Tool-steel. 121,892; renewed June 11, 1938.
Hall, R. Keith, doing business as Stone-Hall Company, Denver, Colo. Canned fish and shell fish, canned milk, etc. 359,653; Aug. 30; Serial No. 367,351; published Sept. 28, 1937. Class 46.
Harris-Woodson Co. Inc., Lynchburg, Va. Candy. 123,906; renewed Dec. 17, 1938.
Hearst Magazines Inc. (See International Magazine Company, assignor.)
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Canned fruits. 359,710; Aug. 30; Serial No. 401,843; published June 21, 1938. Class 46.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Canned fruits, and canned fruit juices. 359,910; Aug. 30. Class 46.
Hedges, Howard E., doing business as The Hedges Manufacturing Company, Chicago, Ill. File cabinets, drawers, and parts thereof. 359,677; Aug. 30; Serial No. 397,443; published June 21, 1938. Class 32.
Hētogen Co., Inc., New York, N. Y. Counter-irritant paste. 359,861–2; Aug. 30; Serial Nos. 405,811–12; published June 21, 1938. Class 6.
Heyman, John M., doing business as U. S. Chemical Coatings Co., New York, N. Y. Paint ingredients. 359,921; Aug. 30. Class 16.
Histosan Incorporated, Ivoryton, Conn. Preparation for polishing and sealing floors. 359,847; Aug. 30; Serial No. 405,601; published June 21, 1938. Class 16.
Hi-Top Candy Co. (See Minor, Jesse.)
Hitt, Alvin M., doing business as Cos-Tal Laboratories Co., Savannah, Ga. Nose drops, cold and fever tonics, etc. 359,668; Aug. 30; Serial No. 393,852; published June 7, 1938. Class 6.
Hizone Products. (See Jones, Hilton I.)
Hockmeyer Bros., Inc., New York, N. Y., and Portland, Maine. Cotton piece goods. 359,873; Aug. 30; Serial No. 405,990; published June 21, 1938. Class 42.
Holbrook Pharmacal Company, Inc., New York, N. Y. Ozonide of olive oil. 359,761; Aug. 30; Serial No. 404,046; published June 14, 1938. Class 6.
Holm Colloid Company, Milwaukee, Wis. Colloid. 359,811; Aug. 30; Serial No. 405,117; published May 31, 1938. Class 6.
Hoover, Charles, Jackson Heights, Long Island, N. Y. Cosmetics. 359,878; Aug. 30; Serial No. 406,133; published June 21, 1938. Class 6.
Horvita, Inc., New York, N. Y. Skin creams and lotions. 359,750; Aug. 30; Serial No. 403,724; published June 21, 1938. Class 6.
Huncke, Max, Chemical Co., The, Brooklyn, N. Y. Embalming fluids. 123,840; renewed Dec. 10, 1938.
Huncke, Max, Chemical Co., The, Brooklyn, N. Y. Blood-dissolvers. 123,841; renewed Dec. 10, 1938.
Huncke, Max, Chemical Co., The, Brooklyn, N. Y. Embalming fluids. 123,842; renewed Dec. 10, 1938.
Hutaff, George H., Jr., Wilmington, N. C. Figure toys. 359,716; Aug. 30; Serial No. 402,221; published June 21, 1938. Class 22.
Huttig Sash & Door Company, St. Louis, Mo. Liquid wood preserving substance. 359,806; Aug. 30; Serial No. 405,071; published June 14, 1938. Class 6.
Hyle, Howard R., doing business as Hyle Oil Burner Co., Catonsville, Md. Air conditioning units, oil furnaces, oil heaters, etc. 359,909; Aug. 30. Class 34.
Indian Herb Company. (See Gorman, Frances L.)
International Magazine Company, assignor to Hearst Magazines Inc., New York, N. Y. Magazine. 124,102; renewed Jan. 14, 1939.
International Printing Pressmen and Assistants' Union of North America, Pressmen's Home, Tenn. Printed books, pamphlets, and circulars. 124,248; renewed Jan. 28, 1939.
International Proprietaries Incorporated. (See Cooper Medicine Company, The.)
Italian Swiss Colony, San Francisco, Calif. Wines. 359,788; Aug. 30; Serial No. 404,763; published June 21, 1938. Class 47.
Jadwiga Remedies, Inc., Brooklyn, N. Y. Medicinal wine. 359,681; Aug. 30; Serial No. 398,317; published June 7, 1938. Class 6.
Jackson Manufacturing Co., Harrisburg, Pa. Drag scraper and lawn rollers. 359,774; Aug. 30; Serial No. 404,364; published June 21, 1938. Class 23.
Jay-Thorpe, Inc., New York, N. Y. Perfumes, perfume extracts, bulk perfume, etc. 359,719; Aug. 30; Serial No. 402,300; published June 7, 1938. Class 6.
Jay-Thorpe, Inc., New York, N. Y. Perfumes, perfume extracts, bulk perfumes, etc. 359,722; Aug. 30; Serial No. 402,528; published June 7, 1938. Class 6.
Jayne, Dr. D., & Son, Inc., Philadelphia, Pa. Medicinal preparations for acidosis, anemia, etc. 359,796; Aug. 30; Serial No. 404,942; published May 31, 1938. Class 6.
Johnson, Helen E., Toledo, Ohio, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Coffee. 123,604; renewed Nov. 19, 1938.
Jones, Hilton I., doing business as Hizone Products, Wilmette, Ill. Chemicals and other supplies used by morticians. 359,709; Aug. 30; Serial No. 401,696; published May 31, 1938. Class 6.
Juliá Ramón C., doing business as Cía Licorera Juliá, Santurce, San Juan, P. R. Rum. 359,814; Aug. 30; Serial No. 405,163; published June 21, 1938. Class 49.
Karagheusian, A. & M., Inc., New York, N. Y. Textile rugs, carpets, floor, and carpeting fabrics cut and styled for wall covers. 359,903; Aug. 30. Class 42.
Kayser, Julius, & Co., New York, N. Y. Fabric gloves and hosiery. 124,005; renewed Dec. 31, 1938.
Kellogg Switchboard & Supply Co., Chicago, Ill. Magazine. 122,490; renewed Aug. 20, 1938.
Kellogg Switchboard & Supply Co., Chicago, Ill. Telephone-substation sets. 124,007; renewed Dec. 31, 1938.
Ko-Nay Products, Los Angeles, Calif. Chemical nicotine stain remover. 359,748; Aug. 30; Serial No. 403,698; published June 7, 1938. Class 6.
Kress, S. H., and Company, New York, N. Y. Chewing gum. 359,853; Aug. 30; Serial No. 405,729; published June 21, 1938. Class 46.
Kress, S. H., and Company, New York, N. Y. Nail files, nail clippers, etc. 359,904; Aug. 30. Class 44.
Laboratoires Crinex-uvé. (See Societe en Nom Collectif Beaune & Bourck.)
Laymon, Gilbert D., doing business as Film Flote Co., Miami, Fla. Preparation for removing stains from teeth. 359,791; Aug. 30; Serial No. 404,855; published June 14, 1938. Class 6.
Leggett, Francis H., & Company, New York, N. Y. Foods. 124,110; renewed Jan. 14, 1939.
Lelong, Lucien, Inc., Chicago, Ill. Rouge and lipstick. 359,729; Aug. 30; Serial No. 402,911; published May 31, 1938. Class 6.
Li-Cut Live Bait Co. (See Orcutt, E. W.)
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 359,812; Aug. 30; Serial No. 405,122; published June 7, 1938. Class 6.
Loeser Laboratory, Incorporated, New York, N. Y. Nose drops and nose spray. 359,798; Aug. 30; Serial No. 404,944; published June 7, 1938. Class 6.
Loeser Laboratory, Incorporated, New York, N. Y. Barium compound dispersion. 359,797; Aug. 30; Serial No. 404,943; published June 14, 1938. Class 6.
Loeser Laboratory, Incorporated, New York, N. Y. Aqueous isotonic solution, oil solution used as a germicide, etc. 359,815; Aug. 30; Serial No. 405,168; published June 14, 1938. Class 6.
Loftis Bros. & Co., Chicago, Ill. Watches and clocks. 359,906; Aug. 30. Class 27.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Fabrics. 359,866; Aug. 30; Serial No. 405,881; published June 21, 1938. Class 42.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 359,661; Aug. 30; Serial No. 389,140; published Apr. 27, 1937. Class 46.
Lundborg Perfumer, Inc., New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 359,658; Aug. 30; Serial No. 391,462; published June 21, 1938. Class 6.
Lyons, H. L., Pompano, Fla. Fresh and canned vegetables also fruit juices. 359,672; Aug. 30; Serial No. 395,072; published June 21, 1938. Class 46.
Macy, R. H., & Co., Inc., New York, N. Y. Toilet creams, perfumes, and face powders. 359,720; Aug. 30; Serial No. 402,379; published June 21, 1938. Class 6.
Madaus, Dr., & Co., Radebeul-Dresden, Germany. Garlic oil and capsules filled with garlic oil. 359,664; Aug. 30; Serial No. 391,138; published June 7, 1938. Class 6.
Madaus, Dr., & Company, Radebeul-Dresden, Germany. Chemicals, medicines, and pharmaceutical preparations. 359,688; Aug. 30; Serial No. 398,580; published May 31, 1938. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Acetaldehyde, acetanilid, acetic anhydride, etc. 359,706; Aug. 30; Serial No. 401,576; published May 31, 1938. Class 6.

Marmur, Bob, East Orange, N. J. Table tennis tables. 359,913; Aug. 30. Class 22.

Marshall Field & Company, Chicago, Ill. Slips. 359,897; Aug. 30. Class 39.

Maryland Wine & Liquor Company, Inc., Chicago, Ill. Whiskey. 359,749; Aug. 30; Serial No. 403,703; published June 21, 1938. Class 49.

Massey, E. E., doing business as Est-A-Mae Company, Kansas City, Kans. Hand lotion and cold cream. 359,724; Aug. 30; Serial No. 402,640; published June 7, 1938. Class 6.

Master Brands, Inc., doing business as The Zoro Company, Chicago, Ill. Paradichlorobenzene. 359,726; Aug. 30; Serial No. 402,734; published May 31, 1938. Class 6.

McCarthy, Theresa, doing business as Do-All Co., Elmira, N. Y. Chemical compound. 359,799; Aug. 30; Serial No. 404,998; published June 21, 1938. Class 6.

McEachen, B. H., Huntington Park, Calif. Pickles, relish, jams and jellies, etc. 359,915; Aug. 30. Class 46.

McGreevey, Werring & Howell, Inc., New York, N. Y. Liquefying cleansing cream, antiseptic mouth wash, etc. 359,714; Aug. 30; Serial No. 402,133; published June 14, 1938. Class 6.

McKee Glass Company, Jeannette, Pa. Table glassware. 359,914; Aug. 30. Class 33.

McKesson & Robbins, New York, N. Y., assignor to McKesson & Robbins, Incorporated, Bridgeport, Conn. Perfumery, talcum powder, toilet water, etc. 123,943; renewed Dec. 24, 1938.

McKesson & Robbins, Incorporated, Bridgeport and Fairfield, Conn. Germicide and antiseptic. 359,665; Aug. 30; Serial No. 391,188; published May 25, 1937. Class 6.

Merchants Service Corporation, assignor to Recorg Supply Corporation, Chicago, Ill. Canned fruits, dried fruits, canned vegetables, etc. 359,659; Aug. 30; Serial No. 382,759; published Nov. 9, 1937. Class 46.

Miami Chemical Manufacturing Company, Inc., Miami, Fla. Bleach and sterilizer. 359,792; Aug. 30; Serial No. 404,861; published May 31, 1938. Class 6.

Minor, Jesse, doing business as Hi-Top Candy Co., San Diego, Calif. Candy. 359,692; Aug. 30; Serial No. 399,103; published June 21, 1938. Class 46.

Mirus Laboratories Inc., New York, N. Y. Medicated shampoo and scalp cream. 359,723; Aug. 30; Serial No. 402,603; published June 21, 1938. Class 6.

Modern Diet Products, Inc. (See Modern Health Products.)

Modern Health Products, Milwaukee, Wis., now by change of name Modern Diet Products, Inc. Honey mint, garlic tablets, reducing beverage, etc. 359,651; Aug. 30; Serial No. 387,535; published June 7, 1938. Class 6.

Momu Co. (See Stockton, M. Munn.)

Moody, Willey M., doing business as Morehead-Fleming Drug Co., San Jose, Calif. Salicylic compounds. 359,711; Aug. 30; Serial No. 401,906; published June 21, 1938. Class 6.

Morehead-Fleming Drug Co. (See Moody, Willey M.)

Morrell, John, & Co., Ottumwa, Iowa. Hams, bacon, cooked ham, etc. 359,693; Aug. 30; Serial No. 399,312; published June 21, 1938. Class 46.

Morris, Charles S., New York, N. Y. Foot lotion. 359,802; Aug. 30; Serial No. 405,031; published June 14, 1938. Class 6.

Morris, Graham & Co., Battle Creek, Mich. Liniment; and a compound to be taken internally for the treatment of rheumatism, etc. 359,732; Aug. 30; Serial No. 403,140; published June 7, 1938. Class 6.

Mount Hope Finishing Company, Dighton, Mass. Textile fabrics. 359,790; Aug. 30; Serial No. 404,817; published June 21, 1938. Class 42.

Mule Battery Mfg. Co. (See Setzer, Albert.)

Mulford Colloid Laboratories, Philadelphia, Pa. Solution of sulphur in colloidal form. 359,660; Aug. 30; Serial No. 383,401; published Apr. 27, 1937. Class 6.

Mulliu Products Co., San Gabriel, Calif. Salves and lotions. 359,779; Aug. 30; Serial No. 404,536; published June 21, 1938. Class 6.

Mutual Orange Distributors, Redlands, Calif. Canned citrus juices. 359,826; Aug. 30; Serial No. 405,312; published June 21, 1938. Class 46.

Naamlooze Vennootschap Eau de Cologne Fabriek J. C. Boldoot. (See Eau de Cologne Fabriek v. h. J. C. Boldoot.)

Naamlooze Vennootschap Helmondsche Textiel Maatschappij, Helmond, Netherlands. Printed cotton blankets, cotton moquette, carpets, etc. 359,702; Aug. 30; Serial No. 400,874; published June 21, 1938. Class 42.

National Oil Products Co., Harrison, N. J. Vitamin rich bodies for fortifying food products. 359,712; Aug. 30; Serial No. 401,941; published June 21, 1938. Class 6.

Neptune Sea Food Company, San Diego, assignor, by mesne assignments, to Fishermen's Tuna Packing Company, Point Loma, Calif. Canned sardines. 122,095; renewed June 25, 1938.

Newark Comfort Co., Inc., Newark, N. J. Crib comforters, baby pillows and pillows; etc. 359,765; Aug. 30; Serial No. 404,181; published June 21, 1938. Class 42.

Nicolar, Joseph F., Hollywood, Calif. Balm. 359,697; Aug. 30; Serial No. 399,526; published June 21, 1938. Class 6.

Niering, Frank, & Company, Inc., Newburgh, N. Y. Draperies. 359,917; Aug. 30. Class 42.

No-D-Ka Company, The. (See Reid, Marion V.)

Nosler, Samuel M., Coquille, Oreg. Preparation for the relief of muscular aches and pains, sore, tired, and aching feet, etc. 359,734; Aug. 30; Serial No. 403,182; published June 7, 1938. Class 6.

Optikotechna spolecnost s. r. o., Prerov, Czechoslovakia. Lenses, prisms, mirrors, etc. 359,662; Aug. 30; Serial No. 390,805; published June 21, 1938. Class 26.

Orcutt, E. W., doing business as Li-Cut Live Bait Co., Monterey Park, Calif. Fish bait. 359,784; Aug. 30; Serial No. 404,624; published June 21, 1938. Class 22.

Pacific Distillers, Inc., Culver City, Calif. Gin. 359,898; Aug. 30. Class 49.

Paramount Distilling Corporation, Chicago, Ill. Whiskey, cordials, and gin. 359,919; Aug. 30. Class 49.

Park & Tilford (See Yardley & Co., Limited, assignor.)

Pawlata, Eduard J., Vienna, Austria. Preparation to brown the skin and to protect the skin against sun burning. 359,671; Aug. 30; Serial No. 394,996; published May 31, 1938. Class 6.

Pennwell Oil & Balting Co., Inc., New York, N. Y. Leather belting. 359,840; Aug. 30; Serial No. 405,518; published June 21, 1938. Class 35.

Pennwell Oil & Belting Co., Inc., New York, N. Y. Leather belting. 359,841–2; Aug. 30; Serial Nos. 405,520–1; published June 21, 1938. Class 35.

Petroleum Heat and Power Company, New York, N. Y. Oil burners. 359,854–6; Aug. 30; Serial Nos. 405,735–7; published June 21, 1938. Class 34.

Phillips, Ed., & Sons Company, Minneapolis, Minn. Whiskey. 359,905; Aug. 30. Class 49.

Picchi Bros., Stockton, Calif. Fresh vegetables. 359,871; Aug. 30; Serial No. 405,968; published June 21, 1938. Class 46.

Pinxav Laboratories. (See Gittleson, Nathan.)

Polakoff, Joseph G., doing business as Polly Brand Products Company, Newark, N. J. Beverage. 359,741; Aug. 30; Serial No. 403,348; published June 21, 1938. Class 45.

Polly Brand Products Company. (See Polakoff, Joseph G.)

Pond's Extract Company, New York, N. Y. Skin cream. 359,670; Aug. 30; Serial No. 394,953; published June 14, 1938. Class 6.

Pratt Food Company, Philadelphia, Pa. Preparation for poultry. 359,803; Aug. 30; Serial No. 405,035; published June 14, 1938. Class 6.

Preim, Herman, New York, N. Y. Foldable rolling tables. 359,821; Aug. 30; Serial No. 405,267; published June 21, 1938. Class 32.

Princeton Knitting Mills, Incorporated, Watertown, Conn., and New York, N. Y. Knitted textile fabrics. 359,831; Aug. 30; Serial No. 405,369; published June 21, 1938. Class 42.

Produce Conditioners, Incorporated, Miami, Fla. Fresh citrus fruits, peaches, fresh vegetables, etc. 359,656; Aug. 30; Serial No. 376,861; published June 21, 1938. Class 46.

Pullclean Manufacturing Co., Inc., New York, N. Y., assignor to Pullclean Manufacturing Corporation, Bridgeport, Conn. Towel-cabinets. 122,392; renewed July 30, 1938.

Pulp Products Company, Inc., New York, N. Y. Toys. 359,780; Aug. 30; Serial No. 404,544; published June 21, 1938. Class 22.

Pynosol Laboratories, Inc., Chicago, Ill. Antiseptic water-soluble jelly for intrauterine treatment, etc. 359,736; Aug. 30; Serial No. 403,224; published June 14, 1938. Class 6.

Queen City Bottling Company, The. (See Crown Brewing Company, The.)

Radinsky, Abraham D., doing business as A. D. Radinsky, Denver, Colo. Wiping-rags for machinery and the like. 124,146–7; renewed Jan. 14, 1939.

Raleigh Haberdasher, Inc. (See Grosner, Clarence W., assignor.)

Recorg Supply Corporation. (See Merchants Service Corporation, assignor.)

Regnew Laboratories. (See Wenger, Harold A. E.)

Reid, Marion V., doing business as The No-D-Ka Company, West Springfield, Mass. Dentifrices. 359,776; Aug. 30; Serial No. 404,418; published June 21, 1938. Class 6.

Resinous Products & Chemical Company, The, Philadelphia, Pa. Agent for preventing the formation of foam in the manufacture of paper, etc. 359,676; Aug. 30; Serial No. 397,346; published June 7, 1938. Class 6.

Richardson Corporation, Rochester, N. Y. Beverage. 124,045; renewed Dec. 31, 1938.

Richardson Corporation, Rochester, N. Y. Foods. 123,160; renewed Oct. 15, 1938.

Richardson Corporation, Rochester, N. Y. Beverage carbonating and dispensing apparatus, Combination. 123,161; renewed Oct. 15, 1938.

Richter, F. Ad., & Co. Inc., Brooklyn, N. Y. Ointment. 359,704; Aug. 30; Serial No. 401,510; published June 21, 1938. Class 6.

Rolscreen Company, Pella, Iowa. Venetian blinds. 359,920; Aug. 30. Class 32.

Root, Myron, & Co., Inc., Medford, Oreg. Fresh pears. 359,694; Aug. 30; Serial No. 399,313; published Jan. 11, 1938. Class 46.

Rush Manufacturing Co., Philadelphia, Pa. Parlor football game. 359,675; Aug. 30; Serial No. 396,968; published June 21, 1938. Class 22.

S. U. Carburetter Company Limited, The, Birmingham, England. Carburetters and fuel pumps for engines. 359,817; Aug. 30; Serial No. 405,184; published June 21, 1938. Class 23.

Sachs, Dr., Laboratories, Inc., Chicago, Ill. Mineral oil, rubbing alcohol compound, witch hazel, etc. 359,770; Aug. 30; Serial No. 404,248; published May 31, 1938. Class 6.

Sacks, Joseph A. (See Whitehead, Daisy, K't'g Co.)

Salzol Company, The, Fort Worth, Tex. Preparation for relief of athlete's foot. 359,781; Aug. 30; Serial No. 404,585; published June 14, 1938. Class 6.

Scheidemann Remedy Company, Milwaukee, Wis. Tea for diabetes, albumin kidneys, and bladder disorders. 359,689; Aug. 30; Serial No. 398,939; published June 7, 1938. Class 6.

Schiff, Henry T., Chicago, Ill. Electric dry shavers. 359,918; Aug. 30. Class 23.

Schoenhut, O., Inc., Philadelphia, Pa. Spinning tops. 359,888; Aug. 30; Serial No. 406,401; published June 21, 1938. Class 22.

Scraper, Earl F., Wichita, Kans. Game boards. 359,830; Aug. 30; Serial No. 405,337; published June 21, 1938. Class 22.

Seminole Flavor Company, Chattanooga, Tenn. Beverages and syrups for compounding the same. 359,889; Aug. 30. Class 45.

Seminole Flavor Company, Chattanooga, Tenn. Beverages, and syrups for compounding the same. 359,908; Aug. 30. Class 45.

Setzer, Albert, doing business as Mule Battery Mfg. Co., Providence, R. I. Electric storage batteries. 359,758; Aug. 30; Serial No. 403,968; published June 21, 1938. Class 21.

Shakespeare Company, Kalamazoo, Mich. Fishing reels, lines, and rods, etc. 359,879; Aug. 30; Serial No. 406,155; published June 21, 1938. Class 22.

Shoe Form Co., Inc., Auburn, N. Y. Forms for wearing apparel. 359,916; Aug. 30. Class 50.

Shomo, Harvey L., Philadelphia, Pa. Teas. 359,858; Aug. 30; Serial No. 405,748; published June 21, 1938. Class 46.

Silva, Francisco H. R., Fall River, Mass. Oil stoves and oil burners. 359,827; Aug. 30; Serial No. 405,324; published June 21, 1938. Class 34.

Sinealal Company, Inc., Philadelphia, Pa. Acid mineral tonic. 359,835; Aug. 30; Serial No. 405,464; published June 14, 1938. Class 6.

Skinner, M. B., Company, South Bend, Ind. Pipe repair clamps. 359,892; Aug. 30. Class 13.

Societe Centrale de la Parfumerie Francaise, Inc., Wilmington, Del. Perfumes. 359,816; Aug. 30; Serial No. 405,183; published June 7, 1938. Class 6.

Societe de Recherches Chimiques et d'Applications Industrielles (Sorchap) Societe Anonyme, Paris, France. Eye lotion and treatment for mild affections for the eyes. 359,828; Aug. 30; Serial No. 405,325; published June 14, 1938. Class 6.

Societe en Nom Collectif Bezune & Bourck, doing business as Laboratoires Crinex-uvé, Paris, France. Ovarian extract. 359,682–4; Aug. 30; Serial Nos. 398,501–3; published June 7, 1938. Class 6.

Society of Chemical Industry in Basle, Basel, Switzerland. Preparation having an action on the circulation of the blood. 359,793; Aug. 30; Serial No. 404,916; published June 14, 1938. Class 6.

Society of Chemical Industry in Basle, Basel, Switzerland. Preparation for the treatment of menopausal disturbances. 359,794; Aug. 30; Serial No. 404,917; published June 14, 1938. Class 6.

Southern Biscuit Company, Incorporated, Richmond, Va. Biscuits. 359,795; Aug. 30; Serial No. 404,919; published June 21, 1938. Class 46.

Squibb, E. R., & Sons, New York, N. Y. Antiseptic and bactericidal preparations. 359,877; Aug. 30; Serial No. 406,104; published June 21, 1938. Class 6.

Stanco Incorporated, Wilmington, Del., and New York, N. Y. Insecticides. 359,738; Aug. 30; Serial No. 403,283; published May 31, 1938. Class 6.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Denaturants, gas odorants, liquid petrolatum, etc. 359,833; Aug. 30; Serial No. 405,422; published June 7, 1938. Class 6.

Stanley, John T., Co., Inc., New York, N. Y. Dairy and household cleanser. 359,680; Aug. 30; Serial No. 398,296; published June 21, 1938. Class 4.

Stetson China Company, Inc., Chicago, Ill. China tableware. 359,832; Aug. 30; Serial No. 405,373; published June 21, 1938. Class 30.

Stewart, Patterson O., doing business as Electro Products Company, New York, N. Y. Chemical solvent for dissolving sludge and gums formed by oils. 359,843; Aug. 30; Serial No. 405,529; published June 14, 1938. Class 6.

Stewell, Inc., Chicago, Ill. Toy projectile. 359,829; Aug. 30; Serial No. 405,327; published June 21, 1938. Class 22.

Stockton, M. Munn, doing business as Momu Co., New York, N. Y. Drinking water containing iodine. 359,867; Aug. 30; Serial No. 405,902; published June 21, 1938. Class 6.

Stone-Hall Company. (See Hall, R. Keith.)

Sturtevant, B. F., Company, Boston, Mass. Ventilating fans. 359,857; Aug. 30; Serial No. 405,743; published June 21, 1938. Class 34.

Tasley, James E., doing business as U. S. Dried Egg Co., New York, N. Y. Powdered egg yolks, powdered egg albumen. 359,771; Aug. 30; Serial No. 404,331; published June 21, 1938. Class 46.

Termax Co. Inc., Minneapolis, Minn. Insecticide. 359,713; Aug. 30; Serial No. 401,961; published June 7, 1938. Class 6.

Thomas Products, Inc., Buffalo, N. Y. Nail cream. 359,859; Aug. 30; Serial No. 405,786; published June 21, 1938. Class 6.

Trautman, August, New York, N. Y. Chemical preparation for exterminating moths. 359,869; Aug. 30; Serial No. 405,944; published June 21, 1938. Class 6.

Trautman, August, New York, N. Y. Cosmetics. 359,870; Aug. 30; Serial No. 405,945; published June 21, 1938. Class 6.

Troutman, Roy J., doing business as G. E. Laboratories, Shamokin, Pa. Preparation used in the treatment of coughs, colds, etc. 359,883; Aug. 30; Serial No. 406,202; published June 21, 1938. Class 6.

Tustin Hills Citrus Association, Tustin, Calif. Oranges. 124,166; renewed Jan. 14, 1939.

Ulrich Manufacturing Company, Shelbyville, Ill. Piston expander and a piston drill guide block. 359,691; Aug. 30; Serial No. 399,159; published Dec. 28, 1937. Class 23.

Union Bag & Paper Corporation, Jersey City, N. J., and New York, N. Y., to Union Bag & Paper Corporation, New York, N. Y. Wrapping-papers. 123,766–7; renewed Dec. 3, 1938.

Union Bag & Paper Corporation, New York, N. Y. Wrapping paper. 359,894; Aug. 30. Class 37.

United Co-Operatives, Inc., Indianapolis, Ind. Tires and inner tubes. 359,876; Aug. 30; Serial No. 406,075; published June 21, 1938. Class 35.

U. S. Chemical Coatings Co. (See Heyman, John M.)

U. S. Dried Egg Co. (See Tasley, James E.)

United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. 359,735; Aug. 30; Serial No. 403,186; published June 21, 1938. Class 33.

United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 359,807; Aug. 30; Serial No. 405,089; published June 21, 1938. Class 22.

United States Rubber Products, Inc., New York, N. Y. Aromatics. 359,654–5; Aug. 30; Serial Nos. 375,866–7; published May 31, 1938. Class 6.

U. S. Standard Products Company, Woodworth, Wis. Bacterial vaccine. 359,752; Aug. 30; Serial No. 403,841; published June 14, 1938. Class 6.

U. S. Standard Products Company, Woodworth, Wis. Bacterial vaccine. 359,753–6; Aug. 30; Serial Nos. 403,844–7; published June 14, 1938. Class 6.

Universal Match Corporation, St. Louis, Mo. Book-matches. 359,880; Aug. 30; Serial No. 406,156; published June 21, 1938. Class 9.

Vadsco Sales Corporation, Long Island City, N. Y. Medicinal products. 359,739; Aug. 30; Serial No. 403,268; published June 21, 1938. Class 6.

Vanderbilt, R. T., Company, Inc., New York, N. Y. Zinc dibutyldithiocarbamate. 359,777; Aug. 30; Serial No. 404,425; published May 31, 1938. Class 6.

Van Vechten, Loren W., Rochester, N. Y. Amusement game. 359,886; Aug. 30; Serial No. 406,307; published June 21, 1938. Class 22.

Vibo Products Co. (See Bologh, Sidney D.)

Vick Chemical Company, New York, N. Y. Laxative tablets. 359,775; Aug. 30; Serial No. 404,388; published June 14, 1938. Class 6.

Visking Corporation, The, Chicago, Ill. Artificial sausage casings. 359,893; Aug. 30. Class 2.

Wadhams & Company, Portland, Oreg. Wines. 359,747; Aug. 30; Serial No. 403,572; published June 21, 1938. Class 47.

Waldorf Paper Products Company, St. Paul, Minn. Garment hangers. 359,907; Aug. 30. Class 50.

Walker, Hiram, & Sons, Inc., Peoria, Ill. Gin. 359,733; Aug. 30; Serial No. 403,153; published June 21, 1938. Class 49.

Wenger, Harold A. E., doing business as Regnew Laboratories, Madison, Wis. Insect-repellent materials, waterproofing material and color preservative. 359,701; Aug. 30; Serial No. 400,714; published May 31, 1938. Class 6.

West Ontario Citrus Association, Ontario, Calif. Fresh citrus fruit. 359,690; Aug. 30; Serial No. 398,950; published June 21, 1938. Class 46.

West Virginia Pulp and Paper Company, New York, N. Y. Denatured alcohol. 359,700; Aug. 30; Serial No. 400,665; published June 21, 1938. Class 6.

Whitehead, Daisy, K't'g Co., to Joseph A. Sacks, doing business as Daisy Whitehead Knitting Co., New York, N. Y., successor. Ladies' hosiery. 122,581; renewed Aug. 27, 1938.

Whitehead, Daisy, Knitting Co., to Joseph A. Sacks, doing business as Daisy Whitehead Knitting Co., New York, N. Y., successor. Hosiery. 123,211; renewed Oct. 22, 1938.

Wildman & Co., Inc., San Francisco, Calif. Wines. 359,900–2; Aug. 30. Class 47.

Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings, piston ring expanders, and valve packing. 359,872; Aug. 30; Serial No. 405,975; published June 21, 1938. Class 35.

Wilmington Fibre Specialty Company, Wilmington and New Castle, Del. Cutting sticks. 359,891; Aug. 30. Class 23.

Wulfsohn, Max, Inc., New York, N. Y. Soap. 359,863; Aug. 30; Serial No. 405,862; published June 21, 1938. Class 4.

Wyeth, John, and Brother, Incorporated, Philadelphia, Pa. Emulsoid of aluminum hydroxide. 359,725; Aug. 30; Serial No. 402,660; published May 31, 1938. Class 6.

Yardley & Co., Limited, London, England, assignor to Park & Tilford, New York, N. Y. Perfumes. 124,184; renewed Jan. 14, 1939.

Zoro Company, The. (See Master Brands, Inc.)

LIST OF REGISTRANTS OF LABELS

American Beauty Macaroni Company. (See Kansas City Macaroni & Importing Co.)

Augusta Canning Company. (See Baxter, H. C., & Bro.)

Baxter, H. C., & Bro., doing business as Baxter Bros. Co. and Augusta Canning Company, Brunswick, Maine. Corn Hearts—The Juicy Meat of Fresh Green Corn. For Canned Corn. 51,669; Aug. 30.

Bengué, Jules, doing business as Dr. Bengué, Paris, France, and Union City, N. J. Baume Bengué. For an Anodyne and Counterirritant for the Relief of Rheumatic Pains, Neuralgia and Colds. 51,670; Aug. 30.

Bird & Son, East Walpole, Mass. Stylish Steppers. For Cartons. 51,671; Aug. 30.

Clayton, A. C., Printing Co., St. Louis, Mo. Footwear in Vogue. For Footwear. 51,672; Aug. 30.

Clayton, A. C., Printing Co., St. Louis, Mo. Vo-Clair Exquisite Hosiery. For Hosiery. 51,673; Aug. 30.

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 51,674; Aug. 30.

Clayton, A. C., Printing Co., St. Louis, Mo. Admiration Styled Quality Footwear. For Footwear. 51,675; Aug. 30.

Free State Brewery Corp., Baltimore, Md. Old Bolton. For Beer. 51,676; Aug. 30.

Harlingen Canning Company, doing business as Southern Sales Co., Harlingen, Tex. Silver Valley. For Cut Stringless Beans. 51,677; Aug. 30.

Jero Products Co., Chicago, Ill. Jero Brand. For Raspberry Flavored Syrup. 51,678; Aug. 30.

Kansas City Macaroni & Importing Co., doing business as American Beauty Macaroni Company, Kansas City, Mo. Ready to Eat Macaroni Dinner. For Specially Prepared Cooked Macaroni. 51,679; Aug. 30.

Kansas City Macaroni & Importing Co., doing business as American Beauty Macaroni Company, Kansas City, Mo. American Beauty Spaghetti Dinner. For Specially Prepared Cooked Spaghetti. 51,680; Aug. 30.

Mannings, Inc., San Francisco, Calif. Manning's Blue Label Tea India & Ceylon Black. For Tea. 51,681; Aug. 30.

Mannings, Inc., San Francisco, Calif. Manning's Red Label Tea India & Ceylon Black. For Tea. 51,682; Aug. 30.

Mannings, Inc., San Francisco, Calif. Manning's Yellow Label Tea India & Ceylon Black. For Tea. 51,683; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Apricots). For Whole Peeled Apricots. 51,684; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Mushrooms). For Mushrooms. 51,685; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Evaporated Milk). For Evaporated Milk. 51,686; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Orange Juice). For Unsweetened Orange Juice. 51,687; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Pineapple). For Sliced Hawaiian Pineapple. 51,688; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Vanilla). For Vanilla. 51,689; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Salmon). For Red Alaska Sockeye Salmon. 51,690; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Salt). For Table Salt. 51,691; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Roxey (Dog and Cat Food). For Dog and Cat Food. 51,692; Aug. 30.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Tomato Juice). For Tomato Juice. 51,693; Aug. 30.

Sears, Roebuck and Co., Chicago, Ill. Golden Crown. For Knitting Yarns. 15,253; renewed July 12, 1938.

Southern Sales Co. (See Harlingen Canning Company.)

Takes-Off Laboratories, LaCrosse, Ind. Takes-Off. For a Fruit and Vegetable Stain Remover. 51,694; Aug. 30.

Ulmer Pharmacal Company, Minneapolis, Minn. Eucosyl. For an Effective Expectorant. 51,696; Aug. 30.

Ulmer Pharmacal Company, Minneapolis, Minn. Calmazin. For Stabilized Lotion of Calamine, Ammon, Mercury and Zinc Oxide. 51,696; Aug. 30.

Ulmer Pharmacal Company, Minneapolis, Minn. Brochloramus. For a Sedative-Hypnotic. 51,697; Aug. 30.

White Top Food Products Co., Los Angeles, Calif. White Top. For Popped Corn. 51,698; Aug. 30.

LIST OF REGISTRANTS OF PRINTS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Spearmint Chewing Gum. For Spearmint Chewing Gum. 17,016; Aug. 30.

Boiney, Joseph F., North Tonawanda, N. Y. Win Friends and In-Fluid People. For Beer. 17,017; Aug. 30.

Cream of Wheat Corporation, The, Minneapolis, Minn. Don't Guess! Know His First Solid Food is Perfectly Digestible. For Wheat Breakfast Food. 17,018. Aug. 30.

Donahey Vitri Vault Company, The, Columbus, Ohio. Burial Crypts of Vitrified Clay—The Individual Underground Mausoleum. For Burial Crypts or Vaults. 17,019; Aug. 30.

General Mills, Inc., Minneapolis, Minn. I Can't Sock 'em out on a "Skimpy Breakfast"! For Cerial Food. 17,020; Aug. 30.

Muench-Kreuzer Candle Co., Inc., Syracuse, N. Y. The Big Apple Candle. For Candles. 17,021; Aug. 30.

Pfeiffer Brewing Company, Detroit, Mich. Pfeiffer's Beer With the New "Flfer-Kap". For Beer. 17,022; Aug. 30.

Pruden Chemical Company, Orlando, Fla. Pruicide. For a Compound to be Added to Ready Mixed Paints to Prevent Mildew. 17,023; Aug. 30.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Seeds, Grass and field. H. W. Doughten. 123,799; renewed Dec. 10, 1938.

Wiping-rags for machinery and the like. A. D. Radinsky. 124,146–7; renewed Jan. 14, 1939.

CLASS 2

Casings, Artificial sausage. Visking Corporation. 359,893; Aug. 30.

CLASS 4

Abrasive tools, abrasive wheels, and abrasive disks. Gardner Machine Company. 359,766; Aug. 30; Serial No. 404,208; published June 21, 1938.

Abrasive tools, abrasive wheels, and abrasive disks. Gardner Machine Company. 359,767; Aug. 30; Serial No. 404,210; published June 21, 1938.

Abrasive tools, abrasive wheels, and abrasive disks. Gardner Machine Company. 359,768–9; Aug. 30; Serial Nos. 404,212–13; published June 21, 1938.

Cleanser, Dairy and household. John T. Stanley Co. 359,680; Aug. 30; Serial No. 398,296; published June 21, 1938.

Lacquer cutter, and abrasive and/or polishing agent. Leon Finch Ltd. 359,785; Aug. 30; Serial No. 404,638; published June 21, 1938.

Powder for washing filter mass and like materials. Chill Foam Corporation of America. 359,698; Aug. 30; Serial No. 399,594; published June 21, 1938.

Preparation for cleaning toilet bowls, etc. Chemical Process Company. 359,721; Aug. 30; Serial No. 402,404; published June 21, 1938.

Soap. Max Wulfsohn, Inc. 359,863; Aug. 30; Serial No. 405,862; published June 21, 1938.

Solvents. Bennett Incorporated. 359,673; Aug. 30; Serial No. 396,557; published June 21, 1938.

CLASS 6

Acetaldehyde, acetanilid, acetic anhydride, etc. Mallinckrodt Chemical Works. 359,706; Aug. 30; Serial No. 401,576; published May 31, 1938.

Acid, Nitric. General Chemical Company. 359,708; Aug. 30; Serial No. 401,664; published June 7, 1938.

Agent for preventing the formation of foam in the manufacture of paper, etc. Resinous Products & Chemical Company. 359,676; Aug. 30; Serial No. 397,346; published June 7, 1938.

Alcohol, Denatured. West Virginia Pulp and Paper Company. 359,700; Aug. 30; Serial No. 400,665; published June 21, 1938.

Antiseptic and bactericidal preparations. E. R. Squibb & Sons. 359,877; Aug. 30; Serial No. 406,104; published June 21, 1938.

Antiseptic water-soluble jelly for intrauterine treatment, etc. Pynosol Laboratories, Inc. 359,736; Aug. 30; Serial No. 403,224; published June 14, 1938.

Aromatics. United States Rubber Products, Inc. 359,654–5; Aug. 30; Serial Nos. 375,866–7; published May 31, 1938.

Astringents, astringent cerates, bleach creams, etc. Lundborg Perfumer, Inc. 359,658; Aug. 30; Serial No. 381,462; published June 21, 1938.

Balm. J. F. Nicolar. 359,697; Aug. 30; Serial No. 399,526; published June 21, 1938.

Barium compound dispersion. Loeser Laboratory, Incorporated. 359,797; Aug. 30; Serial No. 404,943; published June 14, 1938.

Bleach and sterilizer. Miami Chemical Manufacturing Company. 359,792; Aug. 30; Serial No. 404,861; published May 31, 1938.

Blood-dissolvers. Max Huncke Chemical Co. 123,841; renewed Dec. 10, 1938.

Cement, Metallic radiator. Atlas Chemical Company. 359,762; Aug. 30; Serial No. 404,105; published June 21, 1938.

Chemical compound. T. McCarthy. 359,799; Aug. 30; Serial No. 404,998; published June 21, 1938.

Chemical dye aids. Böhme Fettchemie-Gesellschaft mit beschränkter Haftung. 359,763; Aug. 30; Serial No. 404,113; published June 14, 1938.

Chemical fluxes. American-British Chemical Supplies, Inc. 359,786; Aug. 30; Serial No. 404,678; published June 7, 1938.

Chemical for permanently waving hair. Endura Corporation. 359,669; Aug. 30; Serial No. 394,029; published Aug. 17, 1937.

Chemical nicotine stain remover. Ko-Nay Products. 359,748; Aug. 30; Serial No. 403,698; published June 7, 1938.

Chemical preparation for exterminating moths. A. Trautman. 359,869; Aug. 30; Serial No. 405,944; published June 21, 1938.

Chemicals and other supplies used by morticians. H. I. Jones. 359,709; Aug. 30; Serial No. 401,696; published May 31, 1938.

Chemicals for photography. Edwal Laboratories, Inc. 359,667; Aug. 30; Serial No. 393,638; published June 21, 1938.

Chemicals, medicines, and pharmaceutical preparations. Dr. Madaus & Company. 359,688; Aug. 30; Serial No. 398,580; published May 31, 1938.

Cleansing cream, wrinkle eradicator, turtle oil tissue cream, etc. Bette Beaux Co. 359,810; Aug. 30; Serial No. 405,100; published June 7, 1938.

Colloid. Holm Colloid Company. 359,811; Aug. 30; Serial No. 405,117; published May 31, 1938.

Cosmetics. C. Hoover. 359,878; Aug. 30; Serial No. 406,133; published June 21, 1938.

Cosmetics. A. Trautman. 359,870; Aug. 30; Serial No. 405,945; published June 21, 1938.

Counter-irritant paste. Hêtogen Co. 359,861–2; Aug. 30; Serial Nos. 405,811–12; published June 21, 1938.

Cream, antiseptic mouth wash, etc., Liquefying cleansing. McGreevey, Werring & Howell, Inc. 359,714; Aug. 30; Serial No. 402,133; published June 14, 1938.

Cream, Cosmetic. Gervi Laboratories, Inc. 359,730; Aug. 30; Serial No. 403,082; published May 31, 1938.

Cream, Nail. Thomas Products, Inc. 359,859; Aug. 30; Serial No. 405,786; published June 21, 1938.

Cream, Skin. Pond's Extract Company. 359,670; Aug. 30; Serial No. 394,953; published June 14, 1938.

Creams and lotions, Skin. Horvita, Inc. 359,750; Aug. 30; Serial No. 403,724; published June 21, 1938.

Creams, perfumes, and face powders, Toilet. R. H. Macy & Co. 359,720; Aug. 30; Serial No. 402,379; published June 21, 1938.

Denaturants, gas odorants, liquid petrolatum, etc. Standard Oil Company of California. 359,833; Aug. 30; Serial No. 405,422; published June 7, 1938.

Dentifrices. M. V. Reid. 359,776; Aug. 30; Serial No. 404,418; published June 21, 1938.

Deodorant, Body. Fuller Products Co. 359,744; Aug. 30; Serial No. 403,504; published June 7, 1938.

Dextrose and amino acids. Baxter Laboratories, Inc. 359,848; Aug. 30; Serial No. 405,629; published June 21, 1938.

Embalming fluids. Max Huncke Chemical Co. 123,840; renewed Dec. 10, 1938.

Embalming fluids. Max Huncke Chemical Co. 123,842; renewed Dec. 10, 1938.

Emulsion of aluminum hydroxide. John Wyeth and Brother, Incorporated. 359,725; Aug. 30; Serial No. 402,660; published May 31, 1938.

Eye wash. F. E. Cashmore. 359,813; Aug. 30; Serial No. 405,149; published June 7, 1938.

Garlic oil and capsules filled with garlic oil. Dr. Madaus & Co. 359,664; Aug. 30; Serial No. 391,138; published June 7, 1938.

Germicide and antiseptic. McKesson & Robbins, Incorporated. 359,665; Aug. 30; Serial No. 391,188; published May 25, 1937.

Glycol compositions. Carbide and Carbon Chemicals Corporation. 359,657; Aug. 30; Serial No. 380,498; published Oct. 27, 1936.

Hair tinting rinses. E. N. Baum. 359,820; Aug. 30; Serial No. 405,238; published June 21, 1938.

Honey mint, garlic tablets, reducing beverage, etc. Modern Health Products. 359,651; Aug. 30; Serial No. 337,535; published June 7, 1938.

Hormone preparation, Standardized ovarian. G. W. Carnrick Co. 359,844; Aug. 30; Serial No. 405,549; published June 14, 1938.

Insect repellent materials, waterproofing material and color preservative. H. A. E. Wenger. 359,701; Aug. 30; Serial No. 400,714; published May 31, 1938.

Insecticide. Termax Co. Inc. 359,713; Aug. 30; Serial No. 401,961; published June 7, 1938.

Insecticides. M. P. Barr. 359,787; Aug. 30; Serial No. 404,681; published June 14, 1938.

Insecticides. Stanco Incorporated. 359,738; Aug. 30; Serial No. 403,283; published May 31, 1938.

Isotonic solution used as a germicide, etc., Aqueous. Loeser Laboratory, Incorporated. 359,815; Aug. 30; Serial No. 405,168; published June 14, 1938.

Laxative tablets. Vick Chemical Company. 359,775; Aug. 30; Serial No. 404,388; published June 14, 1938.

Liniment; and a compound to be taken internally for the treatment of rheumatism, etc. Mortis Graham & Co. 359,732; Aug. 30; Serial No. 403,140; published June 7, 1938.

Lipsticks, rouge, face powder, etc. Associated Distributors, Inc. 359,885; Aug. 30; Serial No. 406,274; published June 21, 1938.

Liquid preparation for mothproofing. Boston Drug & Chemical Co. 359,852; Aug. 30; Serial No. 405,713; published June 21, 1938.

Lotion and cold cream, Hand. E. E. Massey. 359,724; Aug. 30; Serial No. 402,640; published June 7, 1938.

Lotion and treatment for mild affections of the eyes, Eye. Societe de Recherches Chimiques et d'Applications Industrielles (Sorchap) Societe Anonyme. 359,828; Aug. 30; Serial No. 405,325; published June 14, 1938.

Lotion, Foot. C. S. Morris. 359,802; Aug. 30; Serial No. 405,031; published June 14, 1938.

Lotion, Scalp. S. D. Bloch. 359,703; Aug. 30; Serial No. 401,322; published May 31, 1938.

Lye. Bray Chemical Co. 359,875; Aug. 30; Serial No. 406,047; published June 21, 1938.

Medical compound. American International Distributing Corporation. 359,819; Aug. 30; Serial No. 405,236; published June 7, 1938.

Medicated preparation, ointment, or salve. N. Gittleson. 359,663; Aug. 30; Serial No. 391,124; published June 22, 1937.

Medicated solution. Bio-Chemical Products, Inc. 359,804; Aug. 30; Serial No. 405,055; published May 31, 1938.

Medicinal preparation. Adjuvant Specialties Company. 359,874; Aug. 30; Serial No. 406,010; published June 21, 1938.

Medicinal preparation. Brooklyn Scientific Products Co. 359,800; Aug. 30; Serial No. 405,008; published June 21, 1938.

Medicinal preparation. Eli Lilly and Company. 359,812; Aug. 30; Serial No. 405,122; published June 7, 1938.

Medicinal preparations for acidosis, anemia, etc. Dr. D. Jayne & Son, Inc. 359,796; Aug. 30; Serial No. 404,942; published May 31, 1938.

Medicinal products. Vadsco Sales Corporation. 359,739; Aug. 30; Serial No. 403,288; published June 21, 1938.

Medicinal tablets. F. J. Cauchois. 359,685; Aug. 30; Serial No. 398,514; published June 7, 1938.

Medicinal wine. Jadwiga Remedies, Inc. 359,681; Aug. 30; Serial No. 398,317; published June 7, 1938.

Medicine for indigestion. Essex Remedy Co. 359,727; Aug. 30; Serial No. 402,854; published May 31, 1938.

Mineral oil, rubbing alcohol compound, witch hazel, etc. Dr. Sachs Laboratories, Inc. 359,770; Aug. 30; Serial No. 404,248; published May 31, 1938.

Nose drops and nose spray. Loeser Laboratory, Incorporated. 359,798; Aug. 30; Serial No. 404,944; published June 7, 1938.

Nose drops, cold and fever tonics, etc. A. M. Hitt. 359,668; Aug. 30; Serial No. 393,852; published June 7, 1938.

Odorizing materials, Light boiling. Champion Paper and Fibre Company. 359,740; Aug. 30; Serial No. 403,306; published May 31, 1938.

Ointment. F. Ad. Richter & Co. Inc. 359,704; Aug. 30; Serial No. 401,510; published June 21, 1938.

Ointment, Skin. E. A. Fiddler. 359,743; Aug. 30; Serial No. 403,503; published June 14, 1938.

Ointments, Medicinal. F. J. Cauchois. 359,686; Aug. 30; Serial No. 398,522; published Dec. 21, 1937.

Ovarian extract. Societe en Nom Collectif Beaune & Bourck. 359,682–4; Aug. 30; Serial Nos. 398,501–3; published June 7, 1938.

Ozonide of olive oil. Holbrook Pharmacal Company. 359,761; Aug. 30; Serial No. 404,046; published June 14, 1938.
Paradichlorobenzene. Master Brands, Inc. 359,726; Aug. 30; Serial No. 402,734; published May 31, 1938.
Paste for cleaning teeth. Eau de Cologne Fabriek v. h. J. C. Boldoot. 122,687; renewed Sept. 10, 1938.
Perfume, lipstick, sachet, etc. Abraham & Straus, Inc. 359,808; Aug. 30; Serial No. 405,096; published June 7, 1938.
Perfume, toilet water, face powder, etc. Fabergé, Inc. 359,773; Aug. 30; Serial No. 404,357; published June 14, 1938.
Perfumery, talcum powder, toilet water, etc. McKesson & Robbins. 123,943; renewed Dec. 24, 1938.
Perfumes. Societe Centrale de la Parfumerie Francaise, Inc. 359,816; Aug. 30; Serial No. 405,183; published June 7, 1938.
Perfumes. Yardley & Co. 124,184; renewed Jan. 14, 1939.
Perfumes and face powder. California Perfume Company. 359,837; Aug. 30; Serial No. 405,480; published June 14, 1938.
Perfumes, perfume extracts, bulk perfume, etc. Jay-Thorpe, Inc. 359,719; Aug. 30; Serial No. 402,300; published June 7, 1938.
Perfumes, perfume extracts, bulk perfumes, etc. Jay-Thorpe, Inc. 359,722; Aug. 30; Serial No. 402,528; published June 7, 1938.
Perfumes, toilet waters, face powders, etc. Etablissements Rigaud Inc. 359,717–18; Aug. 30; Serial Nos. 402,255–6; published June 14, 1938.
Pharmaceutical preparations. Bonney Company. 114,689; renewed Jan. 2, 1937.
Photographic products. Fink-Roselieve Co. Inc. 359,751; Aug. 30; Serial No. 403,762; published May 31, 1938.
Powder, Roach and lice destroying. V. J. Billimack. 359,778; Aug. 30; Serial No. 404,464; published May 31, 1938.
Preparation for headache, colds, neuralgia, and nervousness. Cooper Medicine Company. 122,849; renewed Sept. 24, 1938.
Preparation for killing animals and plants, disinfectants. H. Haag. 359,696; Aug. 30; Serial No. 399,524; published May 24, 1938.
Preparation for poultry. Pratt Food Company. 359,803; Aug. 30; Serial No. 405,035; published June 14, 1938.
Preparation for relief of athlete's foot. Salzol Company. 359,781; Aug. 30; Serial No. 404,585; published June 14, 1938.
Preparation for removing stains from teeth. G. D. Laymon. 359,791; Aug. 30; Serial No. 404,855; published June 14, 1938.
Preparation for softening the skin, etc. E. E. Dickinson Co. 359,864; Aug. 30; Serial No. 405,863; published June 21, 1938.
Preparation for the relief of muscular aches and pains, sore, tired, and aching feet, etc. S. M. Nosler. 359,734; Aug. 30; Serial No. 403,182; published June 7, 1938.
Preparation for the treatment of menopausal disturbances. Society of Chemical Industry in Basle. 359,794; Aug. 30; Serial No. 404,917; published June 14, 1938.
Preparation having an action on the circulation of the blood. Society of Chemical Industry in Basle. 359,793; Aug. 30; Serial No. 404,916; published June 14, 1938.
Preparation to brown the skin and to protect the skin against sun burning. E. J. Pawlata. 359,671; Aug. 30; Serial No. 394,996; published May 31, 1938.
Preparation used in lithographic processes. General Printing Ink Corporation. 359,839; Aug. 30; Serial No. 405,495; published June 14, 1938.
Preparation used in the treatment of coughs, colds, etc. R. J. Troutman. 359,883; Aug. 30; Serial No. 406,202; published June 21, 1938.
Preparations for shampoo purposes. John H. Breck, Inc. 359,764; Aug. 30; Serial No. 404,117; published June 21, 1938.
Preparations for stimulating and conditioning. Foley and Company. 359,737; Aug. 30; Serial No. 403,251; published May 31, 1938.
Preserving substance, Liquid wood. Huttig Sash & Door Company. 359,806; Aug. 30; Serial No. 405,071; published June 14, 1938.
Processing fluids and coating compositions for fabrics, yarns, paper, Water-repellent. Atlas Powder Company. 359,742; Aug. 30; Serial No. 403,355; published June 21, 1938.
Products used in the dyeing and printing of textiles, Auxiliary. Durand & Huguenin A. G. 359,838; Aug. 30; Serial No. 405,489; published June 14, 1938.
Rouge and lipstick. Lucien Lelong, Inc. 359,729; Aug. 30; Serial No. 402,911; published May 31, 1938.
Salicylic compounds. W. M. Moody. 359,711; Aug. 30; Serial No. 401,906; published June 21, 1938.
Salves and lotions. Mullin Products Co. 359,779; Aug. 30; Serial No. 404,536; published June 21, 1938.
Shampoo and scalp cream, Medicated. Mirus Laboratories Inc. 359,723; Aug. 30; Serial No. 402,603; published June 21, 1938.
Skin conditioning preparation. G. W. Coen. 359,705; Aug. 30; Serial No. 401,543; published June 7, 1938.
Solvent for dissolving sludge and gums, Chemical. P. O. Stewart. 359,843; Aug. 30; Serial No. 405,529; published June 14, 1938.
Sulphur in colloidal form, Solution of. Mulford Colloid Laboratories. 359,660; Aug. 30; Serial No. 383,401; published Apr. 27, 1937.
Suppositories, Vaginal. British Drug Houses, Limited. 359,772; Aug. 30; Serial No. 404,349; published May 31, 1938.
Tea for diabetes, albumin kidneys, and bladder disorders. Scheidemann Remedy Company. 359,689; Aug. 30; Serial No. 398,939; published June 7, 1938.
Toilet preparations. Bliss Laboratories, Inc. 123,935; renewed Dec. 24, 1938.
Tonic, Acid mineral. Sinealal Company. 359,835; Aug. 30; Serial No. 405,464; published June 14, 1938.
Tonic, Alterative and reconstructive. F. L. Gorman. 359,805; Aug. 30; Serial No. 405,069; published June 7, 1938.
Vaccine, Bacterial. U. S. Standard Products Company. 359,752; Aug. 30; Serial No. 403,841; published June 14, 1938.
Vaccine, Bacterial. U. S. Standard Products Company. 359,753–6; Aug. 30; Serial Nos. 403,844–7; published June 14, 1938.
Vitamin compound. Foley and Company. 359,699; Aug. 30; Serial No. 399,703; published June 7, 1938.
Vitamin rich bodies for fortifying food products. National Oil Products Co. 359,712; Aug. 30; Serial No. 401,941; published June 21, 1938.
Water containing iodine, Drinking. M. M. Stockton. 359,867; Aug. 30; Serial No. 405,902; published June 21, 1938.
Zinc dibutyldithiocarbamate. R. T. Vanderbilt Company. 359,777; Aug. 30; Serial No. 404,425; published May 31, 1938.

CLASS 9

Book-matches. Universal Match Corporation. 359,880; Aug. 30; Serial No. 406,156; published June 21, 1938.
Detonators. Atlas Powder Company. 359,881; Aug. 30; Serial No. 406,169; published June 21, 1938.

CLASS 13

Clamps, Pipe repair. M. B. Skinner Company. 359,892; Aug. 30.
Fittings and tank car unloading connections, Metal pipe. Cleveland Brass Manufacturing Company. 359,890; Aug. 30.

CLASS 14.

Steel, Tool. Halcomb Steel Company. 121,892; renewed June 11, 1938.

CLASS 16

Paint ingredients. J. M. Heyman. 359,921; Aug. 30.
Preparation for polishing and sealing floors. Hiatosan Incorporated. 359,847; Aug. 30; Serial No. 405,601; published June 21, 1938.

CLASS 19

Airplanes and structural parts thereof. Bell Aircraft Corporation. 359,849–51; Aug. 30; Serial Nos. 405,678–80; published June 21, 1938.
Trucks and carts, Shop. Buda Company. 359,783; Aug. 30; Serial No. 404,623; published June 21, 1938.

CLASS 21

Batteries, Electric storage. A. Setzer. 359,758; Aug. 30; Serial No. 403,968; published June 21, 1938.
Electrical apparatus, machines and supplies. A. C. Gilbert Company. 123,991; renewed Dec. 31, 1938.
Lighting fixtures, Unitary electric. Goodrich Electric Company. 359,715; Aug. 30; Serial No. 402,156; published June 21, 1938.
Nozzles, Electric vacuum cleaner. Electrolux, Inc. 359,745; Aug. 30; Serial No. 403,544; published June 21, 1938.
Telegraph, Radio blinker. M. M. Fleron & Son, Inc. 359,912; Aug. 30.
Telephone-substation sets. Kellogg Switchboard & Supply Co. 124,007; renewed Dec. 31, 1938.

CLASS 22

Bait, Fish. E. W. Orcutt. 359,784; Aug. 30; Serial No. 404,624; published June 21, 1938.
Balls, Playing. J. de Beer & Son. 359,860; Aug. 30; Serial No. 405,806; published June 21, 1938.
Bladders for playballs, basketballs, etc. Dewey and Almy Chemical Company. 359,865; Aug. 30; Serial No. 405,872; published June 21, 1938.
Cards, Playing. United States Playing Card Company. 359,807; Aug. 30; Serial No. 405,089; published June 21, 1938.
Fishing reels. Enterprise Manufacturing Company. 359,884; Aug. 30; Serial No. 406,242; published June 21, 1938.
Fishing reels, rods, and lines, etc. Shakespeare Company. 359,879; Aug. 30; Serial No. 406,155; June 21, 1938.
Game, Amusement. L. W. Van Vechten. 359,886; Aug. 30; Serial No. 406,307; published June 21, 1938.
Game boards. E. F. Scraper. 359,830; Aug. 30; Serial No. 405,337; published June 21, 1938.
Game boards, Educational. H. Baker. 359,887; Aug. 30; Serial No. 406,368; published June 21, 1938.
Game, Parlor football. Rush Manufacturing Co. 359,675; Aug. 30; Serial No. 396,968; published June 21, 1938.
Tennis tables, Table. B. Marmur. 359,913; Aug. 30.
Tops, Spinning. O. Schoenhut Inc. 359,888; Aug. 30; Serial No. 406,401; published June 21, 1938.

Toy projectile. Stowell, Inc. 359,829; Aug. 30; Serial No. 405,327; published June 21, 1938.
Toys. Pulp Products Company. 359,780; Aug. 30; Serial No. 404,544; published June 21, 1938.
Toys, Figure. G. H. Hutaff, Jr. 359,716; Aug. 30; Serial No. 402,221; published June 21, 1938.
Tricycles and other vehicles, Children's. Canada Cycle & Motor Company Limited. 359,846; Aug. 30; Serial No. 405,589; published June 21, 1938.

CLASS 23

Beverage carbonating and dispensing apparatus. Richardson Corporation. 123,161; renewed Oct. 15, 1938.
Carburettera and fuel pumps for engines. S. U. Carburetter Company Limited. 359,817; Aug. 30; Serial No. 405,184; published June 21, 1938.
Cutting sticks. Wilmington Fibre Specialty Company. 359,891; Aug. 30.
Drag scraper and lawn rollers. Jackson Manufacturing Co. 359,774; Aug. 30; Serial No. 404,364; published June 21, 1938.
Piston expander and a piston drill guide block. Ulrich Manufacturing Company. 359,691; Aug. 30; Serial No. 399,159; published Dec. 28, 1937.
Razors and razor blades. Continental Blade Corporation. 359,666; Aug. 30; Serial No. 391,853; published June 22, 1937.
Shavers, Electric dry. H. T. Schiff. 359,918; Aug. 30.

CLASS 25

Latches. Casement Hardware Co. 359,757; Aug. 30; Serial No. 403,907; published June 21, 1938.

CLASS 26

Lenses, prisms, mirrors, etc. Optikotechna společnost s. r. o. 359,662; Aug. 30; Serial No. 390,805; published June 21, 1938.
Ophthalmic mountings. Bausch & Lomb Optical Company. 359,678; Aug. 30; Serial No. 397,606; published June 21, 1938.

CLASS 27

Watches and clocks. Loftis Bros. & Co. 359,906; Aug. 30.
Watches, watch cases, and watch movements. Gruen Watch Company. 359,895; Aug. 30.

CLASS 30

China tableware. Stetson China Company. 359,832; Aug. 30; Serial No. 405,373; published June 21, 1938.

CLASS 31

Ice trays, Removable. General Motors Corporation. 359,759; Aug. 30; Serial No. 404,000; published June 14, 1938.
Refrigerators. Century Furniture Associates, Inc. 359,801; Aug. 30; Serial No. 405,012; published June 21, 1938.

CLASS 32

Blinds, Venetian. Rolscreen Company. 359,920; Aug. 30.
Cabinets, drawers, and parts thereof, File. H. E. Hedges. 359,677; Aug. 30; Serial No. 397,443; published June 21, 1938.
Cabinets, Towel. Pulliclean Manufacturing Co. 122,392; renewed July 30, 1938.
Tables, Foldable rolling. H. Preim. 359,821; Aug. 30; Serial No. 405,267; published June 21, 1938.

CLASS 33

Glass bottles. Carr-Lowrey Glass Company. 124,188; renewed Jan. 21, 1939.
Glass table ware and glass bar ware. United States Glass Co. 359,735; Aug. 30; Serial No. 403,186; published June 21, 1938.
Glassware, Table. McKee Glass Company. 359,914; Aug. 30.

CLASS 34

Air conditioning units, oil furnaces, oil heaters, etc. H. R. Hyle. 359,909; Aug. 30.
Burners, Oil. Petroleum Heat and Power Company. 359,854–6; Aug. 30; Serial Nos. 405,735–7; published June 21, 1938.
Fans, Ventilating. B. F. Sturtevant Company. 359,857; Aug. 30; Serial No. 405,743; published June 21, 1938.
Steam generators. Clayton Manufacturing Company. 359,911; Aug. 30.
Stoves and oil burners, Oil. F. H. R. Silva. 359,827; Aug. 30; Serial No. 405,324; published June 21, 1938.

CLASS 35

Belting, Leather. Pennwell Oil & Belting Co. 359,840; Aug. 30; Serial No. 405,518; published June 21, 1938.
Belting, Leather. Pennwell Oil & Belting Co. 359,841–2; Aug. 30; Serial Nos. 405,520–1; published June 21, 1938.
Piston rings, piston ring expanders, and valve packing. Wilkening Manufacturing Company. 359,872; Aug. 30; Serial No. 405,975; published June 21, 1938.
Tires and inner tubes. United Co-Operatives, Inc. 359,876; Aug. 30; Serial No. 406,075; published June 21, 1938.

CLASS 37

Paper, Bond. Boorum & Pease Company. 122,844; renewed Sept. 24, 1938.
Paper, Wrapping. Union Bag & Paper Corporation. 359,894; Aug. 30.
Papers, Wrapping. Union Bag & Paper Corporation. 123,766-7; renewed Dec. 3, 1938.

CLASS 38

Books, pamphlets, and circulars, Printed. International Printing Pressmen and Assistants' Union of North America. 124,248; renewed Jan. 28, 1939.
Magazine. International Magazine Company. 124,102; renewed Jan. 14, 1939.
Magazine. Kellogg Switchboard & Supply Co. 122,490; renewed Aug. 20, 1938.

CLASS 39

Clothing. C. W. Grosner. 124,241; renewed Jan. 28, 1939.
Gloves and hosiery, Fabric. Julius Kayser & Co. 124,005; renewed Dec. 31, 1938.
Hosiery. Daisy Whitehead Knitting Co. 123,211; renewed Oct. 22, 1938.
Hosiery, Ladies'. Daisy Whitehead K't'g Co. 122,581; renewed Aug. 27, 1938.
Overalls and coats. Baltimore Bargain House. 122,567; renewed Aug. 27, 1938.
Slips. Marshall Field & Company. 359,897; Aug. 30.

CLASS 42

Bedspreads. Bates Fabrics, Inc. 359,809; Aug. 30; Serial No. 405,099; published June 21, 1938.
Bed spreads, bath mats, blankets, etc. I. Greenman, Sons & Co. 359,746; Aug. 30; Serial No. 403,547; published June 21, 1938.
Blankets, cotton moquette, carpets, etc., Printed cotton. Naamlooze Vennootschap Helmondsche Textiel Maatschappij. 359,702; Aug. 30; Serial No. 400,874; published June 21, 1938.
Comforters, baby pillows and pillows; etc., Crib. Newark Comfort Co. 359,765; Aug. 30; Serial No. 404,181; published June 21, 1938.
Cotton piece goods. Hockmeyer Bros., Inc. 359,873; Aug. 30; Serial No. 405,990; published June 21, 1938.
Draperies. Frank Niering & Company. 359,917; Aug. 30.
Fabrics. Lorraine Manufacturing Company. 359,866; Aug. 30; Serial No. 405,881; published June 21, 1938.
Fabrics, Knitted textile. Princeton Knitting Mills, Incorporated. 359,831; Aug. 30; Serial No. 405,369; published June 21, 1938.
Fabrics, Textile. Mount Hope Finishing Company. 359,790; Aug. 30; Serial No. 404,817; published June 21, 1938.
Rugs, carpets, floor and carpeting fabrics cut and styled for wall covers, Textile. A. & M. Karagheusian, Inc. 359,903; Aug. 30.
Sheets and pillow cases, percale sheets and pillow cases, etc., Muslin. Associated Merchandising Corporation. 359,834; Aug. 30; Serial No. 405,430; published June 21, 1938.
Silk satin, and silk and cotton mixtures. Cedar Cliff Silk Co. 359,789; Aug. 30; Serial No. 404,795; published June 21, 1938.
Woolen piece goods. C. M. De Land. 359,868; Aug. 30; Serial No. 405,919; published June 21, 1938.

CLASS 43

Yarn and thread. Callaway Mills. 359,899; Aug. 30.

CLASS 44

Dental casting alloys. J. Feintuch. 359,731; Aug. 30; Serial No. 403,121; published June 21, 1938.
Files, nail clippers, etc., Nail. S. H. Kress and Company. 359,904; Aug. 30.
Therapy apparatus, Fever. Conducto-Therm Corporation. 359,695; Aug. 30; Serial No. 399,341; published June 21, 1938.

CLASS 45

Beverage. J. G. Polakoff. 359,741; Aug. 30; Serial No. 403,348; published June 21, 1938.
Beverage. Richardson Corporation. 124,045; renewed Dec. 31, 1938.
Beverages, and syrups and extracts for making the same. Arctic Fruit Ales Co. 359,674; Aug. 30; Serial No. 396,590; published June 21, 1938.
Beverages and syrups for compounding the same. Seminole Flavor Company. 359,889; Aug. 30.
Beverages, and syrups for compounding the same. Seminole Flavor Company. 359,908; Aug. 30.
Ginger ale and soft drinks. M. M. Farrell & Sons. 359,760; Aug. 30; Serial No. 404,037; published June 21, 1938.
Mixers. Virginia Dare Extract Company. 359,882; Aug. 30; Serial No. 406,178; published June 21, 1938.
Water, Spring. John Graf Company. 121,614; renewed May 14, 1938.

CLASS 46

Biscuits. Southern Biscuit Company. 359,795; Aug. 30; Serial No. 404,919; published June 21, 1938.
Candy. A. P. Bull. 359,782; Aug. 30; Serial No. 404,599; published June 21, 1938.
Candy. Harris-Woodson Co. Inc. 123,906; renewed Dec. 17, 1938.
Candy. J. Minor. 359,692; Aug. 30; Serial No. 399,103; published June 21, 1938.
Canned citrus juices. Mutual Orange Distributors. 359,826; Aug. 30; Serial No. 405,312; published June 21, 1938.
Canned fish and shell fish, canned milk, etc. R. K. Hall. 359,653; Aug. 30; Serial No. 367,351; published Sept. 28, 1937.

Canned fruits. Hearst Sunical Land and Packing Corporation. 359,710; Aug. 30; Serial No. 401,843; published June 21, 1938.
Canned fruits, and canned fruit juices. Hearst Sunical Land and Packing Corporation. 359,910; Aug. 30.
Canned fruits, dried fruits, canned vegetables, etc. Merchants Service Corporation. 359,659; Aug. 30; Serial No. 382,759; published Nov. 9, 1937.
Canned oysters. Apalachee Packing Company. 124,186; renewed Jan. 21, 1939.
Canned sardines. Neptune Sea Food Company. 122,095; renewed June 25, 1938.
Coffee. H. E. Johnson. 123,604; renewed Nov. 19, 1938.
Confections, Frozen. Joe Lowe Corporation. 359,661; Aug. 30; Serial No. 389,140; published Apr. 27, 1937.
Corn flakes. Albers Bros. Milling Co. 359,896; Aug. 30.
Egg yolks, powdered egg albumen, Powdered. J. E. Tasley. 359,771; Aug. 30; Serial No. 404,331; published June 21, 1938.
Foods. Bisceglia Bros. 122,424; renewed Aug. 20, 1938.
Foods. Cudahy Packing Company. 122,069; renewed June 25, 1938.
Foods. Francis H. Leggett & Company. 124,110; renewed Jan. 14, 1939.
Foods. Richardson Corporation. 123,160; renewed Oct. 15, 1938.
Fruit, Fresh citrus. West Ontario Citrus Association. 359,690; Aug. 30; Serial No. 398,950; published June 21, 1938.
Fruits, peaches, fresh vegetables, etc., Fresh citrus. Produce Conditioners, Incorporated. 359,656; Aug. 30; Serial No. 376,861; published June 21, 1938.
Gum, Chewing. Gum Incorporated. 359,822–5; Aug. 30; Serial Nos. 405,294–7; published June 21, 1938.
Gum, Chewing. S. H. Kress and Company. 359,853; Aug. 30; Serial No. 405,729; published June 21, 1938.
Hams, bacon, cooked ham, etc. John Morrell & Co. 359,693; Aug. 30; Serial No. 399,312; published June 21, 1938.
Oranges. Tustin Hills Citrus Association. 124,166; renewed Jan. 14, 1939.
Pears, Fresh. Myron Root & Co. 359,694; Aug. 30; Serial No. 399,313; published Jan. 11, 1938.
Pickles, relish, jams and jellies, etc. B. H. McEachen. 359,915; Aug. 30.
Potatoes. Benjamin Goldstein Co. 359,687; Aug. 30; Serial No. 398,572; published June 21, 1938.
Rice. C. E. Grosjean Rice Milling Co. 359,707; Aug. 30; Serial No. 401,642; published June 21, 1938.
Teas. H. L. Shomo. 359,858; Aug. 30; Serial No. 405,748; published June 21, 1938.
Vegetables also fruit juices, Fresh and canned. H. L. Lyons. 359,672; Aug. 30; Serial No. 395,072; published June 21, 1938.
Vegetables and meat, and combined vegetables, potatoes, and meat; etc., Combined. Commanditaire Vennootschap op Aandeelen Tieleman & Dros. 359,728; Aug. 30; Serial No. 402,876; published June 21, 1938.
Vegetables, Fresh. Picchi Bros. 359,871; Aug. 30; Serial No. 405,968; published June 21, 1938.

CLASS 47

Wines. California Growers Wineries, Inc. 359,652; Aug. 30; Serial No. 356,688; published Nov. 13, 1934.
Wines. Italian Swiss Colony. 359,788; Aug. 30; Serial No. 404,763; published June 21, 1938.
Wines. Wadhams & Company. 359,747; Aug. 30; Serial No. 403,572; published June 21, 1938.
Wines. Wildman & Co. 359,900–2; Aug. 30.

CLASS 48

Malt and hops, Extracts of. Crown Brewing Company. 122,639; renewed Sept. 3, 1938.

CLASS 49

Brandy. Barbaresso Brothers. 359,836; Aug. 30; Serial No. 405,475; published June 21, 1938.
Gin. Pacific Distillers, Inc. 359,898; Aug. 30.
Gin. Hiram Walker & Sons, Inc. 359,733; Aug. 30; Serial No. 403,153; published June 21, 1938.
Rum. R. C. Julia. 359,814; Aug 30; Serial No. 405,163; published June 21, 1938.
Rum, whiskey, gin, etc. Joseph S. Finch and Company. 359,845; Aug. 30; Serial No. 405,552; published June 21, 1938.
Whiskey. E. S. Epstein. 359,679; Aug. 30; Serial No. 398,100; published June 21, 1938.
Whiskey. Maryland Wine & Liquor Company. 359,749; Aug. 30; Serial No. 403,703; published June 21, 1938.
Whiskey. Ed. Phillips & Sons Company. 359,905; Aug. 30.
Whiskey, Rye and bourbon. Ben-Burk, Inc. 359,818; Aug. 30; Serial No. 405,191; published June 21, 1938.
Whiskey, cordials, and gin. Paramount Distilling Corporation. 359,919; Aug. 30.

CLASS 50

Flags. Annin & Co. 124,072–4; renewed Jan. 14, 1939.
Forms for wearing apparel. Shoe Form Co. 359,916; Aug. 30.
Hangers, Garment. Waldorf Paper Products Company. 359,907; Aug. 30.

LIST OF LABELS

Admiration Styled Quality Footwear. For Footwear. A. C. Clayton Printing Co. 51,675; Aug. 30.
American Beauty Spaghetti Dinner. For Specially prepared Cooked Spaghetti. Kansas City Macaroni & Importing Co. 51,680; Aug. 30.
Baume Bengué. For an Anodyne and Counterirritant for the Relief of Rheumatic Pains, Neuralgia and Colds. J. Bengué. 51,670; Aug. 30.
Brochloramus. For a Sedative-Hypnotic. Ulmer Pharmacal Company. 51,697; Aug. 30.
Calmazin. For Stabilized Lotion of Calamine, Ammon, Mercury and Zinc Oxide. Ulmer Pharmacal Company. 51,696; Aug. 30.
Corn Hearts—The Juicy Meat of Fresh Green Corn. For Canned Corn. H. C. Baxter & Bro. 51,669; Aug. 30.
Eucosyl. For an Effective Expectorant. Ulmer Pharmacal Company. 51,695; Aug. 30.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 51,674; Aug. 30.
Footwear in Vogue. For Footwear. A. C. Clayton Printing Co. 51,672; Aug. 30.
Golden Crown. For Knitting Yarns. Sears, Roebuck and Co. 15,253; renewed July 12, 1938.
Jero Brand. For Raspberry Flavored Syrup. Jero Products Co. 51,678; Aug. 30.
Manning's Blue Label Tea India & Ceylon Black. For Tea. Mannings, Inc. 51,681; Aug. 30.
Manning's Red Label Tea India & Ceylon Black. For Tea. Mannings, Inc. 51,682; Aug. 30.
Manning's Yellow Label Tea India & Ceylon Black. For Tea. Mannings, Inc. 51,683; Aug. 30.
Old Bolton. For Beer. Free State Brewery Corp. 51,676; Aug. 30.
Ready to Eat Macaroni Dinner. For Specially prepared Cooked Macaroni. Kansas City Macaroni & Importing Co. 51,679; Aug. 30.
Roxey (Dog and Cat Food). For Dog and Cat Food. National Retailer-Owned Grocers, Inc. 51,692; Aug. 30.
Shurfine (Apricots). For Whole Peeled Apricots. National Retailer-Owned Grocers, Inc. 51,684; Aug. 30.
Shurfine (Evaporated Milk). For Evaporated Milk. National Retailer-Owned Grocers, Inc. 51,686; Aug. 30.
Shurfine (Mushrooms). For Mushrooms. National Retailer-Owned Grocers, Inc. 51,685; Aug. 30.
Shurfine (Orange Juice). For Unsweetened Orange Juice. National Retailer-Owned Grocers, Inc. 51,687; Aug. 30.
Shurfine (Pineapple). For Sliced Hawaiian Pineapple. National Retailer-Owned Grocers, Inc. 51,688; Aug. 30.
Shurfine (Salmon). For Red Alaska Sockeye Salmon. National Retailer-Owned Grocers, Inc. 51,690; Aug. 30.
Shurfine (Salt). For Table Salt. National Retailer-Owned Grocers, Inc. 51,691; Aug. 30.
Shurfine (Tomato Juice). For Tomato Juice. National Retailer-Owned Grocers, Inc. 51,693; Aug. 30.
Shurfine (Vanilla). For Vanilla. National Retailer-Owned Grocers, Inc. 51,689; Aug. 30.
Silver Valley. For Cut Stringless Beans. Harlingen Canning Company. 51,677; Aug. 30.
Stylish Steppers. For Cartons. Bird & Son, Inc. 51,671; Aug. 30.
Takes-Off. For a Fruit and Vegetable Stain Remover. Takes-Off Laboratories. 51,694; Aug. 30.
Vo-Clair Exquisite Hosiery. For Hosiery. A. C. Clayton Printing Co. 51,673; Aug. 30.
White Top. For Popped Corn. White Top Food Products Co. 51,698; Aug. 30.

LIST OF PRINTS

Beech-Nut Spearmint Chewing Gum. For Spearmint Chewing Gum. Beech-Nut Packing Company. 17,016; Aug. 30.
Burial Crypts of Vitrified Clay—The Individual Underground Mausoleum. For Burial Crypts or Vaults. Donahey Vitri Vault Company. 17,019; Aug. 30.
Don't Guess! Know His First Solid Food is Perfectly Digestible. For Wheat Breakfast Food. Cream of Wheat Corporation. 17,018; Aug. 30.
I can't Sock 'em Out on a 'Skimpy Breakfast'! For Cereal Food. General Mills, Inc. 17,020; Aug. 30.
Pfeiffer's Beer With the New 'Fifer-Kap'. For Beer. Pfeiffer Brewing Company. 17,022; Aug. 30.
Pruicide. For a Compound to be Added to Ready Mixed Paints to Prevent Mildew. Pruden Chemical Company. 17,023; Aug. 30.
The Big Apple Candle. For Candles. Muench-Kruezer Candle Co. 17,021; Aug. 30.
Win Friends and In-Fluid People. For Beer. J. F. Boiney. 17,017; Aug. 30.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 30TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Armington, Arthur P., deceased, Willoughby, by The Euclid Road Machinery Company, Euclid, Ohio, assignee. Resilient connection. Re. 20,837; Aug. 30.
Clayton, Benjamin, Houston, Tex., and B. H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev. Bleaching oils. Re. 20,838; Aug. 30.
Conill, Fernan O., New York, N. Y. Apparatus for the waving of the hair. Re. 20,839; Aug. 30.
Du Pont, Mark S., Darby, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Aerial banner. Re. 20,840; Aug. 30.
Euclid Road Machinery Company, The. (See Armington, Arthur P., assignor.)
Kellett Autogiro Corporation. (See Du Pont, Mark S., assignor.)
MacDee Company. (See McDonald, Herman M., assignor.)
McDonald, Herman M., Evanston, Ill., assignor to MacDee Company. Reenforced, ventilated undergarment. Re. 20,841; Aug. 30.
Meyer, Seth M., West Bend, Wis. Hose coupling drain. Re. 20,842; Aug. 30.
Refining, Inc. (See Clayton, B., and Thurman, assignors.)
Thurman, Benjamin H. (See Clayton, B., and Thurman.)
Wall, Charles G., Philadelphia, Pa. Apparatus for mixing fluids. Re. 20,836; Aug. 30.

LIST OF PLANT PATENTEES

Hoffmann, Harry, Jacksonville, Ill. Rose. 286; Aug. 30.
Horvath, Michael H., Mentor, Ohio. Rose. 287; Aug. 30.
Horvath, Michael H., Mentor, Ohio. Rose. 288; Aug. 30.
Meadowcroft, James N., assignor to J. H. Thompson's Sons, Kennett Square, Pa. Rose plant. 289; Aug. 30.
Thompson's, J. H. Sons. (See Meadowcroft, James N., assignor.)

LIST OF DESIGN PATENTEES

American Fabrics Company, The. (See Philips, Hans A., assignor.)
Anderson, Carl T., Madison, Wis. Combined desk and seat. 111,038; Aug. 30.
Anderson, Charles A., New Rochelle, assignor to Gotham Pressed Steel Corporation, New York, N. Y. Game board. 111,103; Aug. 30.
Anderson, Edward L., assignor to Ripley and Gowen Company, Incorporated, Attleboro, Mass. Cuff link. 111,057; Aug. 30.
Arbib, Richard H., Woodmere, N. Y. Combined container and base therefor. 111,104; Aug. 30.
Armstrong Cork Company. (See Wilmet, Georges, assignor.)
Barcalo Manufacturing Company. (See Vallone, Joseph M., assignor.)
Begg, William J., New York, N. Y. Convertible trunk or similar article. 111,105; Aug. 30.
Berger, Louis, New York, N. Y. Dress. 111,059; Aug. 30.
Berman, Israel, New York, N. Y. Slipper. 111,115; Aug. 30.
Bernstein, Alice, New York, N. Y. Powder puff or similar article. 111,060; Aug. 30.
Bischof, George, Union City, N. J. Textile fabric. 111,116; Aug. 30.
Blake, Bruce S. (See Stotler, Forrest L., assignor.)
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Transparent cosmetic compact. 111,061; Aug. 30.
Brown, William, New York, N. Y., assignor to C. H. Masland & Sons, Inc., Carlisle, Pa. Carpet or similar article. 111,117; Aug. 30.
Chapman, Samuel, New York, N. Y. Dress. 111,062; Aug. 30.
Chapman, Samuel, New York, N. Y. Dress. 111,063; Aug. 30.
Chapman, Samuel, New York, N. Y. Dress. 111,064; Aug. 30.
Chapman, Samuel, New York, N. Y. Dress. 111,065; Aug. 30.
Chapman, Samuel, New York, N. Y. Dress. 111,066; Aug. 30.
Chicago Metallic Manufacturing Company. (See Langel, Adrien L., assignor.)
Clemson, Richard D., Middletown, N. Y. Lawn mower. 111,106; Aug. 30.
Cohen, Arthur, New York, N. Y. Dress. 111,068; Aug. 30.
Cohen, Arthur, New York, N. Y. Dress. 111,069; Aug. 30.
Cohen, Arthur, New York, N. Y. Dress. 111,070; Aug. 30.
Cohen, William, New York, N. Y. Textile fabric. 111,067; Aug. 30.
Cohn Rosenberger, Inc. (See Placco, Oscar, assignor.)
Coty, Inc. (See Botham, Arthur R., assignor.)
Culverwell, Annabell, New York, N. Y. Cover for hot water bottle. 111,123; Aug. 30.
Egan, Kathryn. (See Valentine, Emma, assignor.)
Extract, Maurice, New York, N. Y. Dress. 111,071; Aug. 30.
Extract, Maurice, New York, N. Y. Dress. 111,072; Aug. 30.
Fischer, Howard L., St. Paul, Minn. Knife. 111,073; Aug. 30.
Fischer, Howard L., St. Paul, Minn. Knife. 111,074; Aug. 30.
Geller Scalloping & Novelty Co., Inc. (See Merkler, Louis, assignor.)
General Motors Corporation. (See Snyder, George, assignor.)
Glinn, Louis, New York, N. Y. Coat. 111,075; Aug. 30.
Gotham Pressed Steel Corporation. (See Anderson, Charles A., assignor.)
Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 111,124; Aug. 30.
Hopkins, Robert C., Rockville Centre, N. Y. Hosiery dispensing machine. 111,107; Aug. 30.
Hume, George B., Kansas City, Mo. Portable refrigerator individual ice cream shelf unit. 111,076; Aug. 30.
Injection Moulding Corp. (See Whyte, Daniel D., assignor.)
L'Anglais, Pascal, New York, assignor to Oneida Ltd., Oneida, N. Y. Dish or similar article. 111,077; Aug. 30.
Langel, Adrien L., Chicago, Ill., assignor to Chicago Metallic Manufacturing Company. Cover for a cooking vessel or similar article. 111,078; Aug. 30.
Levin, David, New York, N. Y. Shoe. 111,118; Aug. 30.
Lewis, Florence N., New York, N. Y. Beach bag. 111,079; Aug. 30.
MacDonald, Almon C., assignor to Pig Peggy Company, Brockton, Mass. Game device. 111,108; Aug. 30.
Mack Manufacturing Corporation. (See Walker, John.)
Majer, Carl P., Germantown, Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J. Textile fabric for upholstery. 111,125; Aug. 30.
Merkler, Louis, assignor to Geller Scalloping & Novelty Co., Inc., New York, N. Y. Dress ornament or similar article. 111,080; Aug. 30.
Masland, C. H. & Sons, Inc. (See Brown, William, assignor.)
Minoff, Jack, Newark, N. J. Knitted fabric. 111,081; Aug. 30.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Casing for combined washing machine and drier. 111,109; Aug. 30.
Northampton Textile Company. (See Majer, Carl P., assignor.)
Oneida Ltd. (See L'Anglais, Pascal, assignor.)
Ottenheimer, Reuben E., Baltimore, Md. Display case. 111,082; Aug. 30.
Owens-Illinois Pacific Coast Company. (See Steuer, Norman, assignor.)

Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace scarf or similar article. 111,083; Aug. 30.
Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,084; Aug. 30.
Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,085; Aug. 30.
Pig Peggy Company. (See MacDonald, Almon C., assignor.)
Placco, Oscar, Cranston, R. I., assignor to Cohn Rosenberger, Inc., New York, N. Y. Bracelet chain or similar article. 111,086; Aug. 30.
Placco, Oscar, Cranston, R. I., assignor to Cohn Rosenberger, Inc., New York, N. Y. Separable brooch. 111,087; Aug. 30.
Ripley and Gowen Company. (See Anderson, Edward L., assignor.)
Salzberg, Benjamin, New York, N. Y. Decorative nail. 111,088; Aug. 30.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Secan, Martin, Highland Park, Mich. Combination ash-tray and match box holder. 111,110; Aug. 30.
Simonton, William T., Jr., Totowa, N. J. Textile fabric. 111,089; Aug. 30.
Smith, Dorothy S., New York, N. Y. Textile fabric. 111,090; Aug. 30.
Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Combined automobile and radio antenna. 111,111; Aug. 30.
Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Combined automobile and radio antenna. 111,112; Aug. 30.
Steinway & Sons. (See Worthington, Everett, assignor.)
Stetson Shoe Company, The. (See Wales, Burton L., assignor.)
Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Bottle. 111,091; Aug. 30.
Stotler, Forrest L., assignor of one-half to B. S. Blake, Akron, Ohio. Swing. 111,119; Aug. 30.
Thomas, Fred G., Jr., Somerville, N. J. Combined lamp, telephone stand, and desk unit. 111,120; Aug. 30.
Tuman, John, New York, N. Y. Dress. 111,121; Aug. 30.
Turner, Donald M., Providence, R. I. Tax stamp or similar article. 111,092; Aug. 30.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,093; Aug. 30.
Valentine, Emma, assignor of one-third to K. Egan, Milwaukee, Wis. Monkey doll. 111,113; Aug. 30.
Vallone, Joseph M., assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Wrench or similar article. 111,094; Aug. 30.
Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 111,095; Aug. 30.
Walker, John, assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Radiator guard. 111,114; Aug. 30.
Weiner, Ben, Brookline, Mass. Shoe. 111,096; Aug. 30.
White Cap Company. (See White, William P., assignor.)
White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap for a jar or the like. 111,097; Aug. 30.
Whyte, Daniel D., assignor to Injection Moulding Corp., New York, N. Y. Curling comb. 111,122; Aug. 30.
Wideman, Mervin, New York, N. Y. Hair waving device. 111,098; Aug. 30.
Wilmet, Georges, Roslyn, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 111,099; Aug. 30.
Woodworth, Ernest F., Fort Collins, Colo. Vehicle direction signal. 111,100; Aug. 30.
Worthington, Everett, Scarsdale, assignor to Steinway & Sons, New York, N. Y. Upright piano. 111,101; Aug. 30.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 111,102; Aug. 30.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 30TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abramson, Hugo, Lidingo, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Device for producing multiple flash signals. 2,128,391; Aug. 30.
Acme Air Appliance Company. (See Longstreet, Walter H., assignor.)
Adams, George R., Hillsboro, Tex. Gas mixer. 2,128,519; Aug. 30.
Adams, J. D., Manufacturing Company. (See Iverson, Emil C., assignor.)
Adams, William S., Great Falls, Mont., assignor to Anaconda Wire & Cable Company, New York, N. Y. Coiling machine. 2,128,278; Aug. 30.
Aktiebolaget Siefvert & Fornander. (See Larsson, Lars E., assignor.)
Albers, Gerhard H. (See Umhoefer, J. P., and Albers, G. H. and J. R.)
Albers, John R. (See Umhoefer, J. P., and Albers, G. H. and J. R.)
Albion, Charles M., Boston, assignor to H. B. Morse, Wellesley, Mass. Flameproofing composition. 2,128,392; Aug. 30.
Albrecht, Otto, Basel, and M. Bommer and F. Grieshaber, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Printing preparation. 2,128,599; Aug. 30.
Alexander, Alice B. et al. (See Marshall, Edward W., assignor.)
Algin Corporation of America. (See Le Gloahec, V. C. E., and Herter, assignors.)
Allen, Kenneth B., Dayton, Ohio. Method of and apparatus for treatment of fluids. 2,128,393; Aug. 30.
Allen, Matt, St. Charles, Va. Rail bender. 2,128,225; Aug. 30.
Allison, Kenneth C., Arlington Heights, assignors to Oak Manufacturing Company, Chicago, Ill. Switch. 2,128,279; Aug. 30.
Allmanna Svenska Elektriska Aktiebolaget. (See Forssell, H., and Öfverholm, assignors.)
Alox Corporation. (See Burwell, Arthur W., assignor.)
Amann, Max, L. Günther, and A. Lahl, assignors to Nationale Telephone- und Telegraphen-werke G. m. b. H., Frankfort-on-the-Main, Germany. Telegraph installation. 2,128,788; Aug. 30.
American Ball-Mill Company. (See Miller, Starks L., assignor.)
American Can Company. (See Bach, Neils P., assignor.)
American Can Company. (See Pechy, William, assignor.)
American Cyanamid & Chemical Corporation. (See Harding, William H., assignor.)
American Enka Corporation. (See Davis, Robert F., assignor.)
American Gas Accumulator Company. (See Abramson, Hugo, assignor.)
American Lace Paper Company. (See Huff, E., and Keiding, assignors.)
American Rolling Mill Company, The. (See Murphy, Dan R., assignor.)
American Tap-Bush Company. (See Rice, Frank E., assignor.)
American Telephone and Telegraph Company. (See Lee, Y., and Wiener, assignors.)
American Zinc, Lead & Smelting Company. (See Spencer, George L., Jr., assignor.)
Anaconda Wire & Cable Company. (See Adams, William S., assignor.)
Anderson, Edward C., assignor to Illinois Watch Case Company, Elgin, Ill. Watchcase mounting. 2,128,766; Aug. 30.
Anderson, Olof, Woodstock, Ill. Drain plunger. 2,128,217; Aug. 30.
Andreau, Jean E., Paris, France, assignor to the Society "S. E. B. A. Societe Anonyme d'Eploitation de Brevets d'Automobiles" Claris, Switzerland. Streamlined automobile vehicle. 2,128,686; Aug. 30.
Andreau, Jean E., Paris, France. Streamlined vehicle. 2,128,687; Aug. 30.
Andrews, Oliver B., Chattanooga, Tenn. Liner. 2,128,449; Aug. 30.
Andrews, Oliver B., Chattanooga, Tenn. Liner. 2,128,450; Aug. 30.
Angénieux, Pierre. (See Gutmann, J. M., and Angénieux.)
Anxionnaz, René, Paris, France. Aircraft machinery. 2,128,789; Aug. 30.
Aqua Systems Incorporated. (See Peter, W. J., and Yanchenko, assignors.)
Aristoc Limited. (See Ball, George, assignor.)
Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Yieldable mount means. 2,128,216; Aug. 30.
Armstrong, Jessie, et al. (See Armstrong, Norval H., assignor.)
Armstrong, Norval H., Seminole, assignor of one-fourth to J. Armstrong, one-fourth to E. E. Cox, Snomac, and one-fourth to H. R. Clay, Snomac, Okla. Tubing drain. 2,128,520; Aug. 30.
Arndt, W. F., et al. (See Spelts, George A., assignor.)
Aronstein, Jacob, New York, N. Y. Vanity case. 2,128,737; Aug. 30.
Askania-Werke A. G. (See von Menateuffel, Gert Z., assignor.)
Atherton, Howard B., Chicago, Ill., assignor to P. H. Joyce and L. M. Walter, as trustees of Chicago Great Western Railroad Company. Transportation apparatus. 2,128,667; Aug. 30.
Atlantic Research Associates, Inc. (See Atwood, Francis C., assignor.)
Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to Atlantic Research Associates, Inc. Grinding machine. 2,128,226; Aug. 30.
Autogas Corporation. (See Janisch, Maximillian P., assignor.)
Bach, Neils P., Geneva, assignor to American Can Company, New York, N. Y. Machine for treating filled containers. 2,128,227; Aug. 30.
Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Remote radio control. 2,128,280; Aug. 30.
Baittinger, Clarence E. (See Sagendorph, F. E., 2nd, and Baittinger.)
Baker, John B. (See Slusser, H. R., and Baker.)
Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,128,668; Aug. 30.
Baldwin Company, The. (See Kock, Winston E., assignor.)
Ball, George, Nuthall, assignor to Aristoc Limited, Nottinghamshire, England. Knitting machine. 2,128,688; Aug. 30.
Bamag-Meguin Aktiengesellschaft. (See Fischer, Thomas, assignor.)
Bancker, Elbert H. (See Hamilton, F. A., Jr., and Bancker.)
Bannon, William H. (See Graham, Clarence T., assignor.)
Barbour, Herbert C., El Paso, Tex. Massaging apparatus. 2,128,790; Aug. 30.
Barney, Fred H. (See Gourley, W. J., Barney, and Goehring.)
Bartels, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable amplifier. 2,128,553; Aug. 30.
Baskin, Salem N. (See Edison, Sylvan M., assignor.)
Bauer, Walter B., Springfield, Ohio. Spacer for automobile hoods and its seat. 2,128,577; Aug. 30.
Baylis, Adelaide B., Bedford, N. Y., assignor to Radio Corporation of America. Antenna device. 2,128,554; Aug. 30.
Beamer, Charles W., Mojave, Calif. Sanitary bed pan container. 2,128,669; Aug. 30.
Becker, Hans. (See Vollman, H., and Becker.)
Beckman, Axel E., Oregon City, Oreg. Shake-splitting machine. 2,128,521; Aug. 30.
Bell & Howell Company, The. (See Howell, Albert S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cox, Leslie R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hall, Arthur G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Halligan, Clair W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Harley, Joseph J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Laskey, William G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Means, Winthrop J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
Bemis Bro. Bag Co. (See Bemis, F. G., and Weeks, assignors.)
Bemis, Farwell G., Brookline, and A. N. Weeks, North Scituate, Mass., assignors to Bemis Bro. Bag Co., St. Louis, Mo. Method of and apparatus for printing. 2,128,343; Aug. 30.
Benford, Frank A., Schenectady, N. Y., assignor to General Electric Company. Adjusting reflectors. 2,128,791; Aug. 30.
Benjamin Electric Mfg. Company. (See Phillips, Paul D., assignor.)
Bennett, Hubert D., Toledo, Ohio, assignor to Toledo Scale Manufacturing Company. Receptacle for products of the soil. 2,128,218; Aug. 30.

Benway, William G. G., New York, N. Y. Vibrator. 2,128,555; Aug. 30.
Berarducci, Anthony, McKeesport, Pa. Cheese grater. 2,128,792; Aug. 30.
Berek, Max, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Microscope. 2,128,394; Aug. 30.
Bergmann, Ludwig, Dusseldorf, Germany. Bust suspensor. 2,128,600; Aug. 30.
Berndt, Walter, and H. E. Paul, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Measuring instrument. 2,128,395; Aug. 30.
Bernhardt, Rudolph, Chicago, Ill. Garment hanger. 2,128,219; Aug. 30.
Bethlehem Steel Company. (See Dougherty, Robert S. A., assignor.)
Bethlehem Steel Company. (See Lewis, R. A., and Schenck, assignors.)
Bethlehem Steel Company. (See Statler, Walter H., assignor.)
Betz, Carl E., and F. B. Doane, assignors to Maynaflux Corporation, Chicago, Ill. Testing. 2,128,228; Aug. 30.
Bey, Edmund T. B., Prague, Czechoslovakia. Address card or the like. 2,128,793; Aug. 30.
Billings, Ralph E., Fort Wayne, Ind., assignor to General Electric Company. Liquid cooler. 2,128,794; Aug. 30.
Bingham, Francis J., Los Angeles, Calif. Mail pouch. 2,128,689; Aug. 30.
Bishop, Leonard J., Detroit, Mich., assignor to Mechanical Handling Systems, Inc. Automatic speed adjusting device for multiple drive conveyer system. 2,128,795; Aug. 30.
Bissell, David J., assignor to Quad Pneumatic Lift Company, Spokane, Wash. Door closer. 2,128,633; Aug. 30.
Biswell, Charles B., and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing meta-nitro-para-toluidine. 2,128,511; Aug. 30.
Bixby, Walter, assignor to Shawmut Engineering Company, Boston, Mass. Yarn carrier or tube frame. 2,128,875; Aug. 30.
Blake, William B., Marion, Ind. Electric deep grease fryer and the like. 2,128,738; Aug. 30.
Bloch, Leon, Cleveland, assignor to A. L. Voight, Lakewood, Ohio. Cooler. 2,128,344; Aug. 30.
Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway vehicle truck and body interlock. 2,128,281; Aug. 30.
Blume, M. Erich. (See Höper, Karl, assignor.)
Boaz, Arthur R., Acton, London, England, assignor to R. Hoe & Co., Inc., New York, N. Y. Apparatus for observing reciprocating objects. 2,128,396; Aug. 30.
Bockmühl, Max, and L. Stein, Frankfort-on-the-Main, Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Free methane-sulphonic acids of pyrazoloneamines and preparing them. 2,128,512; Aug. 30.
Boehme Fettchemie-Gesellschaft m. b. H. (See Kling, W., and Götte, assignors.)
Böhm-Myro, Robert, London, England. Hand covering. 2,128,796; Aug. 30.
Bohn Aluminum & Brass Corporation. (See Nelson, Adolph L., assignor.)
Bohnsack, John A., Cleveland Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Wall structure. 2,128,797; Aug. 30.
Bolder, Walter, Mount Dennis, Ontario, assignor to R. R. Spicer, Toronto, Ontario, Canada. Hemorrhoidal and rectal support. 2,128,670; Aug. 30.
Bommer, Max. (See Albrecht, O., Bommer, and Griesbaber.)
Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)
Bowen, Ernest W. (See Rogers, D. A., and Bowen.)
Boysen, John A., Rutherford, N. J., assignor to Robert Reis & Co., New York, N. Y. Undergarment. 2,128,876; Aug. 30.
Bradbury, Albert W., Cliftondale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 2,128,282; Aug. 30.
Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,128,283; Aug. 30.
Bridges, Frank R., Needham, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signaling system. 2,128,578; Aug. 30.
Briggs, Henry E. (See Hannay, H. F., and Briggs.)
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling apparatus. 2,128,345; Aug. 30.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bar screen scraper. 2,128,346; Aug. 30.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Treating sewage. 2,128,347; Aug. 30.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bar screen scraper. 2,128,348; Aug. 30.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bar screen scraper. 2,128,349; Aug. 30.
Bristol Company, The. (See Faust, Frederick A., assignor.)
Bristol Company, The. (See Kerr, William J., assignor.)
Broadhurst, Jean. (See Steckelberg, A. L., and Broadhurst.)
Brown, Walter J. (See Kinross, R. I., and Brown.)
Brugger, Ida W. (See Schlitz, John, assignor.)
Buchwald, Herbert. (See Marx, E., and Buchwald.)
Bucyrus-Erie Company. (See Stevens, Paul S., assignor.)
Budd, Edward G., Manufacturing Company. (See Dean, Albert G., assignor.)
Bullard, E. D., Company. (See Williamson, Evan D., assignor.)
Burden, William M., R. Geners, and R. Harrison, Woolwich, assignors to Sofal Limited, London, England. Manufacturing alloy steel. 2,128,601; Aug. 30.
Burke, Minnie L. and R. J., Altadena, Calif. Pneumatically operated educational game. 2,128,690; Aug. 30.
Burke, Ralph H., Evanston, Ill. Constructing subways and like underground structures. 2,128,284; Aug. 30.
Burke, Richard J. (See Burke, Minnie L. and R. J.)
Burns, Robert, and H. H. Hayward; said Hayward assignor to Service Foundry Company, Wichita, Kans. Chair. 2,128,522; Aug. 30.
Burr, Leonard W., Walnut Grove, Minn. Nail. 2,128,798; Aug. 30.
Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Car coupling device. 2,128,397; Aug. 30.
Burruss, Grayson D. (See McComb, James K., and Burruss.)
Burt, Guy H., Providence, R. I. Electrical plug. 2,128,883; Aug. 30.
Burton, Lawrence C., assignor of twenty-five per cent to L. B. Clark, Houston, Tex. Internal combustion engine piston. 2,128,451; Aug. 30.
Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Composition for use in prevention of corrosion of metal surfaces. 2,128,523; Aug. 30.
Cadman, Charles M. (See Hadley, Homer M., assignor.)
Cahoon, Brent F. (See Wilson, R. W., and Cahoon.)
Caldwell, Edwin D., Fredonia, N. Y., assignor to Mohawk Equipment Corporation. Saw. 2,128,691; Aug. 30.
Caliender's Cable and Construction Company Limited. (See Hunter, P. V., and Hill, assignors.)
Cannon, Wilford Y., Salt Lake City, Utah. Sound reproducer. 2,128,308; Aug. 30.
Capaldo, Louis A., New York, N. Y. Umbrella. 2,128,634; Aug. 30.
Captive Closures, Inc. (See Wilson, R. W., and Cahoon, assignors.)
Cardone, Eugene, Brooklyn, N. Y. Coin and bill receptacle. 2,128,309; Aug. 30.
Cardwell-Westinghouse Company. (See Sproul, Donald F., assignor.)
Carlisle Lumber Company. (See Goss, Worth C., assignor.)
Carpenter, Harold L. (See Howard, C. W., and Carpenter.)
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission line system. 2,128,400; Aug. 30.
Catland, Alfred C. (See Howard, J. H., and Catland.)
Catland, Alfred C., Alhambra, and P. C. Efromson, Whittier, assignors to Globe Oil Tools Company, Los Nietos, Calif. Roller cutter mounting. 2,128,401; Aug. 30.
Celanese Corporation of America. (See Lord, G., and Reeves, assignors.)
Celanese Corporation of America. (See Whitehead, William, assignor.)
Chacey, Clyde L., Leavenworth, Kans. Water heater. 2,128,350; Aug. 30.
Champion Corporation. (See Knoerzer, Arthur T., assignor.)
Champion Pecan Machine Company, The, et al. (See Meyer, Leo J., assignor.)
Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Electrode holder. 2,128,799; Aug. 30.
Charch, William H., Buffalo, N. Y., and D. B. Maney, Old Hickory, Tenn., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of cellulosic materials and products resulting therefrom. 2,128,229; Aug. 30.
Charch, William H., Buffalo, N. Y., and D. B. Maney, Old Hickory, Tenn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated structure and preparing same. 2,128,635; Aug. 30.
Chelmo, Levi W., Fort Worth, Tex. Arch support for shoes. 2,128,402; Aug. 30.
Chicago Great Western Railroad Company. (See Atherton, Howard B., assignor.)
Chicago-Hutchins Corporation. (See Swanson, Earl R., assignor.)
Chinskey, Joseph A., Baltimore, Md. Signal. 2,128,800; Aug. 30.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener installation and fastener for the same. 2,128,725; Aug. 30.
Cincinnati Butchers' Supply Company, The. (See Schmidt, Oscar C., assignor.)
Clark, Ernest, Beeston, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Voltage selector and wiring terminal, particularly for use therewith. 2,128,726; Aug. 30.

Clark Equipment Company. (See Burrows, R. J., and Williams, assignors.)
Clark, Lester B. (See Burton, Lawrence C., assignor.)
Clay, Henry R., et al. (See Armstrong, Noval H., assignor.)
Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Superheterodyne receiver circuit. 2,128,556; Aug. 30.
Clemmons, Joseph R., Rochester, N. Y. Fluid proportioning and mixing apparatus. 2,128,452; Aug. 30.
Cleveland Crane & Engineering Company. (See Wehr, William G., assignor.)
Clough, Newsome H., Brentwood, and E. Green, Writtle Mead, Writtle, Chelmsford, England, assignors to Radio Corporation of America. Carrier wave modulation system. 2,128,285; Aug. 30.
Coleman, Robert H., assignor of one-fourth to Ragan Knitting Company and one-fourth to Maurice Mills Company Inc., Thomasville, N. C. Strand feeding mechanism for knitting machines. 2,128,453; Aug. 30.
Colgan, Francis P. (See Strand, E. T., and Colgan.)
Coltof, Willem. (See Van Peski, A. J., and Coltof.)
Commercial Ingredients Corporation. (See Lebedenko, N., Naphtali, Kroll, and Meyer, assignors.)
Compo Shoe Machinery Corporation. (See Holland, Fredrich, assignor.)
Connor, Cornelius M., Ardmore, assignor to The Glassine Paper Company, West Conshohocken, Pa. Laminated glassine paper. 2,128,739; Aug. 30.
Consolidated Steel Corporation. (See Lyons, Daniel A., assignor.)
Consolidated Steel Corporation. (See Roach, Alden G., assignor.)
Cooke, Horace B., Clarendon, Va., assignor to Process Management Company, Inc., New York, N. Y. Gas conversion. 2,128,220; Aug. 30.
Cooley, Austin G., assignor to Wide World Photos, Inc., New York, N. Y. Carrier signaling system. 2,128,801; Aug. 30.
Corcoran-Brown Lamp Company, The. (See Johnson, Roy W., assignor.)
Corey, Fred W., Tilton, N. H. Animal trap. 2,128,579; Aug. 30.
Corlett, Edwin H. (See Shippee, R., and Corlett.)
Cornelius, Richard T., Minneapolis, Minn. Faucet. 2,128,351; Aug. 30.
Courtaulds Limited. (See Hegan, Horace J., assignor.)
Cox, Elmer E., et al. (See Armstrong, Norval H., assignor.)
Cox, Leslie R., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power transfer circuit. 2,128,230; Aug. 30.
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,128,802; Aug. 30.
Creighton, Thomas A., Lemoore, Calif. Method and apparatus for releasing fluid from drill pipe. 2,128,352; Aug. 30.
Crumley, John D. (See Koch, O. L., Crumley, and Elder.)
Cullin, Jasper F., Detroit, Mich. Windshield wiper blade construction. 2,128,454; Aug. 30.
Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Lantern. 2,128,767; Aug. 30.
Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
Cutler-Hammer, Inc. (See Mekelburg, Harold L., assignor.)
Dahlberg, Tord O. R., Nockeby, Sweden. Tens transmitting device for adding machines. 2,128,403; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. High frequency oscillator tube. 2,128,231; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to the Firm N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,128,232; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,128,233; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,128,234; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Vacuum discharge tube. 2,128,235; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Vacuum discharge tube. 2,128,236; Aug. 30.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to Julius Pintsch, Kommandetgesellschaft, Berlin, Germany. Vacuum discharge tube. 2,128,237; Aug. 30.
Damitz, Frederick M. (See Harvey, M. T., and Damitz.)
Darling, Arthur R., Indianapolis, Ind. Ozonizer. 2,128,455; Aug. 30.
Davenport, Ralph M., Los Angeles, Calif. Ripper. 2,128,602; Aug. 30.
Daviau, George H., New Orleans, La. Eraser. 2,128,524; Aug. 30.
Davies, Stanley B., assignor to Royer Foundry & Machine Company, Kingston, Pa. Screen. 2,128,603; Aug. 30.
Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Mantle supporting means. 2,128,638; Aug. 30.
Davis, Edgar E., Belleville, N. J. Skid chain device. 2,128,286; Aug. 30.
Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Fluid control valve. 2,128,636; Aug. 30.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,128,637; Aug. 30.
Davis, Robert F., Arlington Ridge, Va., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,128,604; Aug. 30.
Davis, Roger W., Natick, Mass. Sanitary comb. 2,128,287; Aug. 30.
Dawson, Edward R., Epsom, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Invertase solution. 2,128,605; Aug. 30.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle walkway structure. 2,128,221; Aug. 30.
De Baufre, William L., Lincoln, Nebr. Method and apparatus for separating air. 2,128,692; Aug. 30.
Debing, Lawrence M. (See Irey, K. M., and Debing.)
"Delmag" Deutsche Elektromaschinen- & Motoren-Bau-Aktiengesellschaft. (See Haage, Konrad, assignor.)
De Voss, Edwin A., Jr., San Francisco, Calif. Necktie holder. 2,128,606; Aug. 30.
Diehl Corporation. (See Klimek, Gustav A., assignor.)
Dieis, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic device. 2,128,639; Aug. 30.
Dietz, R. E., Company. (See Currie, Robert A., assignor.)
Distillers Company Limited, The. (See Dawson, Edward R., assignor.)
Doane, Foster B. (See Betz, C. E., and Doane.)
Doering, Ulrich. (See Spanner, H. J., and Doering.)
Donaldson, John S., St. Albans, N. Y. Coupling. 2,128,803; Aug. 30.
Donaldson, John S., St. Albans, N. Y. Coupling device. 2,128,804; Aug. 30.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Support for elastic fluid turbines. 2,128,805; Aug. 30.
Dornhoffer, Edward G. (See Miller, F. P., and Dornhoffer.)
Dotterer, Frank A., assignor to R-B-M Manufacturing Company, Logansport, Ind. Terminal assembly. 2,128,513; Aug. 30.
Dougherty, Robert S. A., Bethlehem, Pa., assignor to Bethlehem Steel Company. Piling. 2,128,740; Aug. 30.
Dowd, Charles W., Highland Park, N. J., assignor to Wilcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine feeding mechanism. 2,128,353; Aug. 30.
Dowd, Thomas J., Buffalo, N. Y. Chair sack. 2,128,093; Aug. 30.
Drenkard, Adam, Jr., Grantwood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. System of selector control for carrier conveyers. 2,128,671; Aug. 30.
Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,128,288; Aug. 30.
Dubilier, William, and J. Oppenheimer, New York, N. Y. Ceramic dielectric material and making the same. 2,128,289; Aug. 30.
Du Bois, Marvin A., Chicago, Ill., assignor, by mesne assignments, to The Post Glover Electric Company, Cincinnati, Ohio. Resistance grid. 2,128,222; Aug. 30.
Dubonnet, André, Neuilly-sur-Seine, France. Elastic suspension system for vehicles. 2,128,694; Aug. 30.
Dubry, Ernest E. (See Felger, R. G., McLellan, Griswold, and Dubry.)
Dunbeck, Norman J., assignor to Eastern Clay Products, Inc., Eifort, Ohio. Composition. 2,128,404; Aug. 30.
Dunlap Rubber Company. (See Murphy, Edward A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Biswell, C. B., and Wirth, assignors.)
Du Pont, E. I., de Nemours & Company. (See Charch, W. H., and Maney, assignors.)
Du Pont, E. I., de Nemours & Company. (See Holt, Donald A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Mertes, Albert T., assignor.)
Dusenbury, Ward A., Sr., Highland Park, Mich. Fountain pen. 2,128,456; Aug. 30.
Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,128,806; Aug. 30.
Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Vacuum cleaner. 2,128,525; Aug. 30.
Dyer, Newell V., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Roughing machine. 2,128,768; Aug. 30.
Eagle Straw Corporation. (See Schoen, H., and Pletcher, assignors.)
Eastman, Charles E., Des Moines, Iowa. Window. 2,128,405; Aug. 30.
Eastern Clay Products, Inc. (See Dunbeck, Norman J., assignor.)

Eaton, Roland D., Cambridge, assignor of one-third to J. A. Perrault and one-tenth to C. H. Hawes, Boston, Mass.; eighty-one fifteen-hundredths to F. C. Stanton, Allston, Mass.; one-sixth to I. W. Glover, one one-hundred-fiftieth to G. W. McGann, Providence, R. I.; and nine fifteen-hundredths to L. J. Logan, Marblehead, Mass. System of optically reproducing electric impulses. 2,128,631; Aug. 30.

Eaton, Roland D., Cambridge, assignor of one-third to J. A. Perrault and one-tenth to C. H. Hawes, Boston, ninety fifteen-hundredths to F. C. Stanton, Allston, Mass., one-sixth to I. W. Glover, and one one-hundred-fiftieth to G. W. McGann, Providence, R. I. Electronic device. 2,128,632; Aug. 30.

Eckert, Wilhelm, and E. Fischer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs and preparing them. 2,128,514; Aug. 30.

Edison General Electric Appliance Corporation. (See Ettinger, Wallace J., assignor.)

Edison General Electric Appliance Company, Inc. (See Winborne, Russell A., assignor.)

Edison, Sylvan M., assignor to S. N. Baskin, Chicago, Ill. Corn pad. 2,128,695; Aug. 30.

Edison, Thomas A., Incorporated. (See Gramann, Heinrich F., assignor.)

Edison, Thomas A., Incorporated. (See Huenlich, Charles.)

Efromson, Philip C. (See Catland, A. C., and Efromson.)

Ehmann, Ludwig. (See Ruzicka, L., and Ehmann.)

Eipper, Daniel C. (See Hunt, W. P., and Eipper.)

Eisenhauer, Warren F., Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Spring cover and applying same. 2,128,238; Aug. 30.

Eistert, Bernd. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)

Elder, Donald. (See Koch, O. L., Crumley, and Elder.)

Elderkin, Clair T., Sacramento, assignor to I. T. Miller, Woodland, Calif. Pulverizer. 2,128,727; Aug. 30.

Electric Boat Company. (See Nibbs, Ernest, assignor.)

Electric & Musical Industries Limited. (See Kinross, R. I., and Brown, assignors.)

Engelhardt, Eric H., Detroit, Mich. Radiator filler passage. 2,128,696; Aug. 30.

Eslick, Frederick M., Pass Christian, Miss. Firearms sighting device. 2,128,526; Aug. 30.

Ettinger, Wallace J., Chicago, Ill., assignor to Edison General Electric Appliance Corporation, Inc. Temperature control device. 2,128,807; Aug. 30.

Ettl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Drying apparatus. 2,128,697; Aug. 30.

Ettl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Drying apparatus. 2,128,698; Aug. 30.

Euclid Road Machinery Company, The. (See Armington, Arthur P., assignor.)

Fabian, August, New York, N. Y. Animal trap. 2,128,808; Aug. 30.

Fairchild, Alice M., assignor to Sears, Roebuck and Co., Chicago, Ill. Spark plug. 2,128,457; Aug. 30.

Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Operating electron multipliers. 2,128,580; Aug. 20.

Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)

Farnsworth Television Incorporated. (See Gardner, Bernard C., assignor.)

Faust, Frederick A., assignor to The Bristol Company, Waterbury, Conn. Automatic control system. 2,128,406; Aug. 30.

Fawcett, Eric W., Northwich, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Drying oil. 2,128,354; Aug. 30.

Felger, Rudolph G., A. C. McLellan, A. S. Griswold, and E. E. Dubry, Detroit, Mich. Tuyère block. 2,128,355; Aug. 30.

Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener attaching means. 2,128,640; Aug. 30.

Ferngren, Enoch T., Toledo, Ohio, assignor by mesne assignments, to Plax Corporation, Hartford, Conn. Molding plastic materials. 2,128,239; Aug. 30.

Fernseh Aktiengesellschaft. (See Ruska, Ernst, assignor.)

Fessler, Albra H., Flint, assignor to General Motors Corporation, Detroit, Mich. Bond for mineral or rock wool. 2,128,290; Aug. 30.

Finley, Sam E., Atlanta, Ga. Paving. 2,128,291; Aug. 30.

Finn, Thomas A., Daly City, Calif. Safety device for fuel conduits. 2,128,292; Aug. 30.

Finnell, Lloyd O., Morning View, Ky. Signal for automobiles. 2,128,769; Aug. 30.

Firestone Tire & Rubber Company, The. (See Riesing, Ellwood F., assignor.)

Fischer, Ernst. (See Eckert, W., and Fischer.)

Fischer, Thomas, assignor to Bamag-Meguin Aktiengesellschaft, Berlin, Germany. Absorption, in highly concentrated nitric acid, of nitrous gases formed by the combustion of ammonia. 2,128,527; Aug. 30.

Fisk, Frank B., assignor to Pitman-Moore Company, Indianapolis, Ind. Amine hydriodides. 2,128,741; Aug. 30.

Fitchett, Darline E., Denver, Colo. Auxiliary music rack for pianos. 2,128,293; Aug. 30.

Fogg, Forest A., Bath, Maine. Electric heater for steam radiators. 2,128,809; Aug. 30.

Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,128,407; Aug. 30.

Folsom, Robert H., Los Angeles, Calif. Dehumidifier. 2,128,641; Aug. 30.

Food Machinery Corporation. (See Twomley, Herbert E., assignor.)

Forcella, Pietro, Rome, Italy. Rail joint. 2,128,770; Aug. 30.

Ford, Jay T., Flint, assignor by mesne assignments, to General Motors Corporation, Detroit, Mich. Anti-corrosion process for zinc base castings. 2,128,550; Aug. 30.

Forssell, Harry, and H. Öfverholm, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Regulating means for current rectifying or converting apparatus. 2,128,771; Aug. 30.

Fortine, Charles E., Masury, Ohio. Combined flashlight and tester. 2,128,810; Aug. 30.

Foster, Dudley E. (See Mountjoy, G. and Foster.)

Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Automatic frequency control circuits. 2,128,642; Aug. 30.

Foster, Fred L., assignor to Ranap Company Inc., Lynn, Mass. Flocking. 2,128,811; Aug. 30.

Foster, Robert, Bradley, Ohio. Drill. 2,128,240; Aug. 30.

Fouinat, Jacques, Paris, France, assignor to Guerlain Inc., New York, N. Y. Case for lipstick or similar article. 2,128,515; Aug. 30.

Fowler, L. W. (See Lumpkin, Ray E., assignor.)

Franke, Karl. (See Worobjoff, Ilija, assignor.)

Fraser, Ronald G. J., Aylmerton, England, assignor to Imperial Chemical Industries Limited. Fractional short-path distillation. 2,128,223; Aug. 30.

Frederickson, Carl G., Roslindale, Mass. Wick for oil burners. 2,128,356; Aug. 30.

Frenning, Alfred B. (See Lister, A., and Frenning.)

Fricke, Ernst, Berlin-Pankow, Germany, assignor to General Electric Company. Remote signaling system. 2,128,812; Aug. 30.

Friden, Carl M. F., Piedmont, Calif., assignor by mesne assignments, to International Business Machines Corporation, New York, N. Y. Recorder. 2,128,357; Aug. 30.

Frye, Robert, Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Separation of nitranilines. 2,128,699; Aug. 30.

Frye, Robert, and N. H. Vagenius, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Ammonolysis of nitro-phenols. 2,128,700; Aug. 30.

Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Muffling device. 2,128,742; Aug. 30.

G. B. M. Electric Compaany. (See Moore, G. S., and Streckfuss, assignors.)

Gage, Robert B., West Trenton, N. J. Post. 2,128,294; Aug. 30.

Gagle, Merlin S., Middlesboro, Ky. Electric socket plug. 2,128,813; Aug. 30.

Gamewell Company, The (See Bridges, Frank R., assignor.)

Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Fine beam electron gun. 2,128,581; Aug. 30.

Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Photoelectric surface. 2,128,582; Aug. 30.

Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Repeat design printing. 2,128,877; Aug. 30.

Gebauer-Fuelnegg, Erich. (See Kratz, E. M., Moffett and Gebauer-Fuelnegg.)

Geistharp, Frederick, Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glazing glass. 2,128,702; Aug. 30.

Gelinsky, Ernst, Berlin, Germany. Method and apparatus for preserving sterile suture material for medicinal purposes ready for use. 2,128,701; Aug. 30.

Gemberling, Cameron H., South Bend, Ind., assignor to Oliver Farm Equipment Company. Plow. 2,128,224; Aug. 30.

General Aniline Works, Inc. (See Eckert, W. and Fischer, assignors.)

General Aniline Works, Inc. (See, Krzikalla, H., Ufer, Eistert and Klaproth, assignors.)

General Aniline Works, Inc. (See Petrus-Blumberger, José S., assignor.)

General Aniline Works, Inc. (See Strusser, R., and Muth, assignors.)

General Aniline Works, Inc. (See Vollmann, H., and Becker, assignors.)

General Electric Company. (See Benford, Frank A., assignor.)

General Electric Company. (See Billings, Ralph E., assignor.)

General Electric Company. (See Chapman, Verni J. assignor.)

General Electric Company. (See Crary, Selden B., assignor.)

General Electric Company. (See Doran, John H., assignor.)

General Electric Company. (See Fricke, Ernest, assignor.)

General Electric Company. (See Hamilton, F. A., Jr., and Bancker, assignors.)

General Electric Company. (See Horning, Edwin L., assignor.)

General Electric Company. (See Klepper, Gustav, assignor.)

General Electric Company. (See Meahl, Harry R., assignor.)

General Electric Company. (See Stacy, John D., assignor.)

General Electric Company. (See Stark, Julian H., assignor.)

General Electric Company. (See Steenstrup, Christian, assignor.)

General Electric Company. (See Tonks, Lewi, assignor.)

General Motors Corporation. (See Bacon, Elbridge F., assignor.)

General Motors Corporation. (See Blomberg, Martin P., assignor.)

General Motors Corporation. (See Dyer, John B., assignor.)

General Motors Corporation. (See Fessler, Albra H., assignor.)

General Motors Corporation. (See Ford, Jay T., assignor.)

General Motors Corporation. (See Schjolin, Eric O., assignor.)

General Motors Corporation. (See Tweedale, Ralph L., assignor.)

General Motors Corporation. (See Wallis, Cyril T., assignor.)

General Motors Corporation. (See Williams, H. M., and Timmer, assignors.)

Geners, Reginald. (See Burden, W. M., Geners, and Harrison.)

George, Roscoe H., La Fayette, Ind., assignor to Radio Corporation of America. Modulation system. 2,128,643; Aug. 30.

Gerstein, Frank and H., assignors to The Lever Bias machine Corporation, New York, N. Y. Bias cutting and wind-up apparatus. 2,128,481; Aug. 30.

Gerstein, Harry. (See Gerstein, Frank and H.)

Gessler, Albert E., Yonkers, N. Y., assignor, by mesne assignments, to Interchemical Corporation, Cincinnati, Ohio. Printing ink. 2,128,672; Aug. 30.

Gish, Daniel B., West Springfield, Mass. Hose. 2,128,814; Aug. 30.

Gittler, Joseph W., Philadelphia, Pa. Mourning band attachment for wedding rings. 2,128,644; Aug. 30.

Glassine Paper Company, The. (See Connor, Cornelius M., assignor.)

Glick, Belia C., New York, N. Y. Hair-stay cap. 2,128,358; Aug. 30.

Globe Machinery & Supply Company. (See Thompson, Elmer B., assignor.)

Globe Oil Tools Company. (See Catland, A. C., and Efromson, assignors.)

Globe Oil Tools Company. (See Howard, J. H., and Catland, assignors.)

Glover, Ida W., et al. (See Eaton, Roland D., assignor.)

Godfrey, Samuel M., Sharon, Pa. Fish-scaling machine. 2,128,607; Aug. 30.

Goehring, Edward E. (See Gourley, W. J., Barney, and Goehring.)

Goertemiller, Clarence C., Big Stone Gap, Va. Game. 2,128,608; Aug. 30.

Goodman Manufacturing Company. (See Madeira, John R., assignor.)

Goodman, Samuel, Chicago, Ill. Bending brake. 2,128,295; Aug. 30.

Goodrich, David M., New York, N. Y. Garment supporter. 2,128,583; Aug. 30.

Goodstein, Frank. (See Naso, S., and Goodstein.)

Goodwin, Virginia B. and W. H. Pashley, New York, N. Y. Coated paper. 2,128,296; Aug. 30.

Gorton, George, Machine Company. (See Henkes, Peter M., assignor.)

Goss, Worth C., Seattle, assignor to Carlisle Lumber Company, Onalaska, Wash. Briquette press. 2,128,241; Aug. 30.

Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)

Götte, Ernst. (See Kling, W., and Götte.)

Gourley, William J., and F. H. Barney, Fort Forth, and E. E. Goehring, Henderson, Tex. Well pumping equipment. 2,128,528; Aug. 30.

Graham, Clarence T., assignor to W. H. Bannon, Mansfield, Mass. Treating fabrics. 2,128,516; Aug. 30.

Graham, George A., and H. W. Parmer, Long Branch, N. J. Printing telegraph system. 2,128,242; Aug. 30.

Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,128,645; Aug. 30.

Grandman, Walter J., New York, N. Y. Hanger for plates and other articles. 2,128,703; Aug. 30.

Grand Rapids Fibre Cord Co. (See Millett, John E., assignor.)

Grand Rapids Fibre Cord Company. (See Sackner, W. E., and Millett, assignors.)

Granger, Eugène, St. Johns, Quebec, Canada. Antiskid attachment. 2,128,458; Aug. 30.

Gray, John E. (See Rader, H. K., and Gray.)

Great Western Electro-Chemical Company. (See MacAfee, Merrill W., assignor.)

Green, Ernest. (See Clough, N. H., and Green.)

Green, Leslie P., Chicago, Ill. Safety razor. 2,128,772; Aug. 30.

Green, Samuel G., Gray, Ga. Recoil check and barrel accelerator for a machine gun. 2,128,243; Aug. 30.

Green, Samuel G., Gray, Ga., and R. J. Lennon, East Moline, Ill. Wrench. 2,128,244; Aug. 30.

Grenier, Pierre, Paris, France, assignor to International Holding Radiel, Luxemburg, Luxemburg. Radioactive protective apparatus, such as lightning arresters, and hail protectors. 2,128,408; Aug. 30.

Grieshaber, Fritz. (See Albrecht, O., Bommer and Grieshaber.)

Grisdale, George W. (See Spitzglass, A. F., and Grisdale.)

Griswold, Arthur S. (See Felger, R. G., McLellan, Griswold and Dubry.)

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,128,359; Aug. 30.

Guardian Merchandising Corporation. (See Monnet, Georges, assignors.)

Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Coupling for metal tubing. 2,128,450; Aug. 30.

Guerlain Inc. (See Fouinat, Jacques, assignor.)

Guest, James J., Knee Hill, Abbey Wood, England. Gearing. 2,128,815; Aug. 30.

Gunning, Russell, Tipton, Ind. Grease gun filler. 2,128,529; Aug. 30.

Günther, Ludwig. (See Amann, M., Günther, and Lahl.)

Gutmann, Jean M., and P. Angénieux, Paris France. Arrangement for taking motion pictures in natural colors. 2,128,773; Aug. 30.

Haage, Konrad, assignor to "Delmag" Deutsche Elektromaschinen-& Motoren-Bau-Aktiengesellschaft, Esslingen, Germany. Power ram. 2,128,584; Aug. 30.

Hadley, Homer M., Seattle, Wash., assignor of one-half to C. M. Cadman, San Francisco, Calif. Rail fastening construction. 2,128,530; Aug. 30.

Hagenbook, Thurloe M., assignor to International Door Company, Evansville, Ind. Revolving door speed control. 2,128,531; Aug. 30.

Hager, Emil F., Brooklyn, N. Y. Scope stand. 2,128,409; Aug. 30.

Hager, William L., Ogden, Utah. Combined air conditioner and furnace. 2,128,245; Aug. 30.

Hall, Arthur G., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiconductor signaling cable. 2,128,410; Aug. 30.

Hall, Carlos and F., assignors of one-third to H. H. Hallett, Mexico, D. F., Mexico. Feeding washers to the pins of molds. 2,128,557; Aug. 30.

Hall & Connolly, Inc. (See Hall, Theodore C., assignor.)

Hall, Fernando. (See Hall, Carlos and F.)

Hall, Fred, Hamilton, Ontario, Canada. Wall safe. 2,128,704; Aug. 30.

Hall, Theodore O., Los Angeles, Calif., assignor to Hall & Connolly, Inc., New York, N. Y. High intensity projector lamp and arc. 2,128,743; Aug. 30.

Hallett, Harry H. (See Hall, Carlos, and F., assignors.)

Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,128,411; Aug. 30.

Halpern, Emanuel, Newark, N. J. Nonrefillable bottle. 2,128,558; Aug. 30.

Hamilton, Francis A., Jr., and E. H. Bancker, Schenectady, N. Y., assignors to General Electric Company. Automatic reclosing circuit breaker system. 2,128,816; Aug. 30.

Hannay, Hamilton F., and H. E. Briggs, Westerlo, N. Y. Sanding device. 2,128,585; Aug. 30.

Hardesty, George K. C., Seat Pleasant, Md. Indicating device. 2,128,246; Aug. 30.

Harding, William H., Rockville Centre, assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Preparing a size. 2,128,482; Aug. 30.

Harding, William G., London, and R. H. Nisbet, Osterley, England, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic compass. 2,128,559; Aug. 30.

Harley, Joseph J., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable plug. 2,128,412; Aug. 30.

Harlin, Herbert A., Indianapolis, Ind. Neck structure for stringed instruments. 2,128,460; Aug. 30.

Harris-Seybold-Potter Company. (See Harrold, C. W., and Horton, assignors.)

Harrison, Reginald. (See Burden, W. M., Geners, and Harrison.)

Harrold, Charles W., Shaker Heights, and C. G. Horton, Bedford, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Inking mechanism. 2,128,360; Aug. 30.

Hartford-Empire Company. (See Honiss, William T., assignor.)

Harvel Corporation. (See Harvey, M. T. and Damitz, assignors.)

Harvey, Jacquelin E., Jr., Hapeville, Ga. Producing a solvent. 2,128,609; Aug. 30.

Harvey, Mortimer T., East Orange, and F. M. Damitz, Irvington, N. J., assignors, by mesne assignments, to The Harvel Corporation. Treating cashew nut shell liquid. 2,128,247; Aug. 30.

Haslun, Joseph, Yonkers, N. Y. Fireworks. 2,128,586; Aug. 30.

Hatebur, Fritz B., Basel, Switzerland. Apparatus and process for the manufacture of hollow bodies. 2,128,705; Aug. 30.

Hauserman, E. F., Company, The. (See Bohnsack, John A., assignor.)

Hawes, Charles H., et al. (See Eaton, Roland D., assignor.)

Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Flux distributing insulator. 2,128,817; Aug. 30.

Haycock, Rex D., Zurich, Mont., and A. L. Turner, Declo, Idaho. Land leveler. 2,128,532; Aug. 30.

Hayward, Harry H. (See Burns, R., and Hayward.)

Hecht, Hermann. (See Hubert, E., and Hecht.)

Hegan, Horace J., Coventry, assignor to Courtaulds Limited, London, England. Manufacture of artificial threads, filaments, and the like. 2,128,818; Aug. 30.

Heimers, Rodolfo, Mexico, D. F., Mexico. Support for the elastic in ball games with attached ball. 2,128,610; Aug. 30.

Hensel, Bernhard. (See Richter, J., Hansel and Hess.)

Heintz Manufacturing Company. (See Lambert, Albert L., assignor.)

Hejduk, František, and J. Neumann, Prague, Czechoslovakia. Variable ratio gearing. 2,128,413; Aug. 30.

Hendrick, Hobart J., Hamden, assignor to The H. B. Ives Company, New Haven, Conn. Casement window operator. 2,128,483; Aug. 30.

Henkes, Peter M., assignor to George Gorton Machine Company, Racine, Wis. Engraving and allied machine. 2,128,611; Aug. 30.

Herter, John R. (See Le Gloahec, V. C. E., and Herter.)

Hess, Kurt. (See Richter, J., Hensel, and Hess.)

Hewel, Frank B., Pittsburgh, Pa. Valve stem guide. 2,128,414; Aug. 30.

Hey, Ernest, Orlando, Fla. Cigarette roller. 2,128,248; Aug. 30.

Hill, Harry. (See Hunter, P. V., and Hill.)

Hills, Ernest E., assignor of one-third to A. J. Ihrke, and one-third to J. E. Schein, Oshkosh, Wis. Convertible bed structure for trailers. 2,128,415; Aug. 30.

Hoe, R. & Co. (See Boaz, Arthur R., assignor.)

Holland, Friedrich, Brockton, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacture of stitched and cemented footwear. 2,128,774; Aug. 30.

Holmstrom, Andrew B., and O. Wahlberg, Welwyn Garden City, England, assignors to Norton Company, Worcester, Mass. Method of and apparatus for balancing a grinding wheel. 2,128,673; Aug. 30.

Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Melting cyanides. 2,128,819; Aug. 30.

Holtz, Ireneus B., Ashville, Pa. Furnace. 2,128,820; Aug. 30.

Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)

Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and feeding molten glass. 2,128,249; Aug. 30.

Höper, Karl, Berlin-Charlottenburg, assignor to M. E. Blume, Leipzig, Germany. Mechanical keying attachment for typesetting machines and the like. 2,128,775; Aug. 30.

Hormel, Geo. A., Company. (See Hormel, George A., assignor.)

Hormel, George A., assignor to Geo. A. Hormel & Company, Austin, Minn. Apparatus for defrosting meat. 2,128,728; Aug. 30.

Horn, Ernst, Nuremberg, Germany. Switch for double tracks for toy vehicles. 2,128,821; Aug. 30.

Horne, Edward D., West Palm Beach, Fla. Brush. 2,128,822; Aug. 30.

Horner, Arthur C. (See Myer, J. E., Horner and Magerstadt.)

Horning, Edwin L., Fort Wayne, Ind., assignor to General Electric Company. Mounting for dynamo-electric machines. 2,128,823; Aug. 30.

Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 2,128,744; Aug. 30.

Horton, Clyde G. (See Harrold, C. W., and Horton.)

Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner control mechanism. 2,128,878; Aug. 30.

Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Coloring molded articles. 2,128,533; Aug. 30.

Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Pressure molding. 2,128,534; Aug. 30.

Howard, Clinton W., Washington, D. C., and H. L. Carpenter, Dayton, Ohio. Warning device. 2,128,250; Aug. 30.

Howard, John H., Huntington Park, and A. C. Catland, Alhambra, Calif.; said Catland assignor to Globe Oil Tools Company. Reamer cutter mounting. 2,128,416; Aug. 30.

Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Reel mount spindle. 2,128,776; Aug. 30.

Hubert, Emil, Dessau-Ziebigk, and H. Hecht, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Desulphurizing artificial silk of viscose. 2,128,612; Aug. 30.

Hubschman, Joseph J., Omaha, Nebr. Cornerpiece. 2,128,824; Aug. 30.

Hudson Motor Car Company. (See Toncray, M. H., and Pickett, assignors.)

Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Braking and ejecting mechanism. 2,128,646; Aug. 30.

Huff, Ernest, Rockford, Ill., and A. Keiding, assignors to American Lace Paper Company, Milwaukee, Wis. Apparatus for forming pulp articles. 2,128,745; Aug. 30.

Hughes, Henry, assignor to James Morrison Brass Manufacturing Company Limited, Toronto, Ontario, Canada. Faucet sealing device. 2,128,674; Aug. 30.

Hunt, Horace S. (See Russell, N. F. S., Langenberg and Hunt.)

Hunt, Wilson P., and D. C. Eipper, assignors to Moline Tool Company, Moline, Ill. Honing machine. 2,128,706; Aug. 30.

Hunter, Philip V., London, and H. Hill, Belvedere, Kent, assignors to Callender's Cable and Construction Company Limited, London, England. Machine for producing wire strands. 2,128,777; Aug. 30.

Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric illumination control system. 2,128,361; Aug. 30.

I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., and Hecht, assignors.)

Ihrke, Albert J., et al. (See Hills, Ernest E., assignor.)

Illinois Tool Works. (See Olson, Carl G., assignor.)

Illinois Watch Case Company. (See Anderson, Edward C., assignor.)

Imperial Chemical Industries Limited. (See Rose, Francis L., assignor.)

Imperial Chemical Industries Limited. (See White, Albert G., assignor.)

Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Grinding wheel reciprocating mechanism. 2,128,675; Aug. 30.

Imperial Chemical Industries Limited. (See Fraser, Ronald G. J., assignor.)

Industrial Patents Corporation. (See Wright, David M., assignor.)

Imperial Chemical Industries Limited. (See Fawcett, E. W., and Walker, assignors.)

Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)

Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)

Ingersoll-Rand Company. (See Thomas, Floyd H., assignor.)

Interchemical Corporation. (See Gessler, Albert E., assignor.)

Interchemical Corporation. (See Ives, Herbert E., assignor.)

Ingersoll, Roy C., Chicago, Ill., assignor to Borg-Warner Corporation. Barrel construction. 2,128,297; Aug. 30.

International Business Machines Corporation. (See Friden, Carl M. F., assignor.)

International Door Company. (See Hagenbook, Thurloe M., assignor.)

International Engineering Corporation. (See Root, John J., assignor.)

International Holding Radial. (See Grenier, Pierre, assignor.)

Irey, Kenneth M., and L. M. Debing, Palisades Park, N. J., assignors to Resinox Corporation, New York, N. Y. Resinous impregnating material. 2,128,879; Aug. 30.

Irey, Kenneth M., and L. M. Debing, Palisades Park, N. J., assignors to Resinox Corporation, New York, N. Y. Composition cork. 2,128,880; Aug. 30.

Iverson, Emil C., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Road grader. 2,128,881; Aug. 30.

Ivea, H. B., Company, The. (See Hendrick, Hobart J., assignor.)

Ives, Herbert E., Upper Montclair, N. J., assignor to Interchemical Corporation, Cincinnati, Ohio. Color chart and making the same. 2,128,676; Aug. 30.

Jacobs, F. L. Company. (See Eisenhauer, Warren F., assignor.)

Jaeger, Bertha. (See Jaeger, Carl and B.)

Jaeger, Carl and B., Houston, Tex. Refrigerating apparatus. 2,128,251; Aug. 30.

Jagielski, Otto F. (See Schollmeyer, William A., assignor.)

Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,128,298; Aug. 30.

Janisch, Maximillian P., Milwaukee, Wis., assignor to Autogas Corporation, Chicago, Ill. Safety lock for gas cocks. 2,128,362; Aug. 30.

Japinga, Stuart C. (See Nampa, S. M., and Japinga.)

Jeffrey Manufacturing Company, The. (See Briggs, Robert E., assignor.)

Jenks, Frank, assignor to Rylands Brothers (Australia) Limited, Port Waratah, Newcastle, New South Wales, Australia. Drawing of galvanized wire. 2,128,677; Aug. 30.

Jennings, Arvah A. (See Small, L. F., Lee, and Jennings.)

Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Spark control mechanism. 2,128,363; Aug. 30.

Jephson, Allen C. (See Young, J. L., and Jephson.)

Joa, Curt G., Inc. (See Joa, Curt G., assignor.)

Joa, Curt G., assignor to Curt G. Joa, Inc., Manitowoc, Wis. Sanitary napkin machine. 2,128,746; Aug. 30.

Johannesson, Benno. (See Peeck, P., Johannesson, and Marcard.)

Johanson, Karl A. A., Stockholm, Sweden. Apparatus for calculating ticket prices. 2,128,707; Aug. 30.

Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Combination fused switch. 2,128,647; Aug. 30.

Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Fused switch box. 2,128,648; Aug. 30.

Johnsen, Bjornulf, Summit, N. J. Liquid dispensing. 2,128,299; Aug. 30.

Johnson, Albin G., near Cambridge, Ill. Gripper for tractor-driven plows. 2,128,300; Aug. 30.

Johnson, Arthur E., Taft, Calif. Hydraulic lock dry pipe valve with well testing and well flowing apparatus. 2,128,253; Aug. 30.

Johnson, Charles S., Champaign, Ill. Material handling apparatus. 2,128,778; Aug. 30.

Johnson, Edwin H., assignor to Johnson Tool & Engineering, Inc., Dayton, Ohio. Toy glider. 2,128,747; Aug. 30.

Johnson, Homer H., Larchmont, assignor to Snyder & Black Incorporated, New York, N. Y. Display device. 2,128,587; Aug. 30.

Johnson, John E., Chicago, assignor to William Ayer McKinney, Winnetka, Ill. Material feeding machine. 2,128,252; Aug. 30.

Johnson, Roy W., Wyoming, assignor to The Corcoran-Brown Lamp Company, Cincinnati, Ohio. Adjustable lamp. 2,128,461; Aug. 30.

Johnson Service Company. (See Scharpf, Otto, assignor.)

Johnson Tool & Engineering, Inc. (See Johnson, Edwin H., assignor.)

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Assembling shoe uppers and counters. 2,128,301; Aug. 30.

Joyce, Patrick H., et al., trustee. (See Atherton, Howard B., assignor.)

Julin, Victor T., Djursholm, Sweden. Locking device. 2,128,825; Aug. 30.

Jung, Albert H., Flushing, N. Y. Cooled bearing. 2,128,826; Aug. 30.

Kahn, Frank, and E. R. Wayne; said Wayne assignor to A. F. Wayne, Jr., Philadelphia, Pa. Thermocouple hygrometer. 2,128,462; Aug. 30.

Kahn, Milton, assignor to Novelart Mfg. Co., New York, N. Y. Envelope. 2,128,748; Aug. 30.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rug-making attachment for sewing machines. 2,128,484; Aug. 30.

Katz, Morris, Bronx, N. Y. Cellulosic cord and making the same. 2,128,302; Aug. 30.

Kauffmann, Aaron, Minier, Ill. Flue liner. 2,128,463; Aug. 30.

Kay, Isadore B., Chicago, Ill. Garment construction. 2,128,303; Aug. 30.

Keiding, Andrew. (See Huff, E., and Keiding.)

Kell, Waldo R., assignor to The Marley Company, Kansas City, Mo. Water eliminator for cooling towers. 2,128,678; Aug. 30.

Keller, Rex E., Beverly Hills, Calif. Automatic transmission. 2,128,485; Aug. 30.

Kellett, William P., New York, N. Y. Shockproof removable container car. 2,128,364; Aug. 30.

Kerr, William J., assignor to The Bristol Company, Waterbury, Conn. Automatic control for tire molds and the like. 2,128,417; Aug. 30.

Kielian, Valeria E., Silver Creek, Nebr. Illuminated license plate holder. 2,128,679; Aug. 30.

Kile, Clifford S., Hutchinson, Kans. Liquid ejecting device. 2,128,254; Aug. 30.

Kilgore Mfg. Company, The. (See Rickenbacher, Robert J., assignor.)

Killian, Frank B., executor and trustee. (See Killian, Fred L.)

Killian, Fred L., deceased, Akron, by F. B. Killian, executor, Doylestown; said F. L. Killian, assignor, by mesne assignments, to F. B. Killian, trustee, Akron, Ohio. Method and apparatus for manufacturing thin rubber articles. 2,128,827; Aug. 30.

Killman, Robert T. and T. A., Nashville, Tenn. Lens. 2,128,365; Aug. 30.

Killman, Thomas A. (See Killman, Robert T. and T. A.)

King, Frederick H., Detroit, Mich. Marble game. 2,128,486; Aug. 30.

Kinross, Rupert L., London, and W. J. Brown, Uxbridge, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuits. 2,128,649; Aug. 30.

Kirk, John M. (See Kirk, William F. and J. M.)

Kirk, William F. and J. M., Kansas City, Mo. Anchorable refrigerator. 2,128,708; Aug. 30.

Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Making mixtures containing bituminous dispersions. 2,128,464; Aug. 30.

Klaproth, Gustav. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)

Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Yarn control means. 2,128,487; Aug. 30.

Klepper, Gustav, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Hydraulic transmission gear. 2,128,828; Aug. 30.

Klimek, Gustav A., East Rurtherford, N. J., assignor to Diehl Corporation, New York, N. Y. Torque converter. 2,128,560; Aug. 30.

Kling, Walter, and E. Götte, assignor to Boehme Fettchemie-Gelsellschaft m. b. H., Chemnitz, Germany. Treatment of fibrous materials. 2,128,613; Aug. 30.

Knight, Theodore C., Buffalo, N. Y. Method and apparatus for treating cementitious mixtures. 2,128,779; Aug. 30.

Knoerzer, Arthur T., Chicago, Ill., assignor to Champion Corporation, Hammond, Ind. Sewer cleaner. 2,128,650; Aug. 30.

Knowlton, Harry W., Lowell, Mass. Return air condenser system for nappers. 2,128,366; Aug. 30.

Kobayashi, Norio, Kawachi-gun, Osaka, Japan. Ring for use in a spinning frame. 2,128,614; Aug. 30.

Kobler, Paul, Lynbrook, N. Y. Copyholder for typewriters and office machines. 2,128,304; Aug. 30.

Koch, Otto L., J. D. Crumley, and D. Elder, Philadelphia, Pa. Spelling game. 2,128,749; Aug. 30.

Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Electrical musical instrument of the type employing gaseous discharge tubes. 2,128,367; Aug. 30.

Koenig, Hilmer E., Farrar, Mo. Brooder stove regulator. 2,128,829; Aug. 30.

Koerner, Emil W., St. Louis, Mo. Powder dispenser. 2,128,488; Aug. 30.

Köhler, Heinrich, Magdeburg-Gross-Ottersleben, Georgshohe, Germany. Ring rolling press. 2,128,651; Aug. 30.

Kovats, John, Fairfield, Conn. Folding article of furniture. 2,128,465; Aug. 30.

Kramer, Hans H., Passaic, N. J. Cloth measuring and yardage printing device. 2,128,709; Aug. 30.

Kratz, Edouard M., and E. W. Moffett, Gary, Ind., and E. Gebauer-Fuelnegg, Evanston, Ill., assignors, by assignments, to Marbon Corporation. Transparent coated sheet material. 2,128,652; Aug. 30.

Kriebel, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. h., Berlin, Germany. Ultra-short wave receiving apparatus. 2,128,750; Aug. 30.

Krohn, John M., Racine, and E. H. Simpson, West Allis, Wis. Cylinder grinder. 2,128,751; Aug. 30.

Kroll, Nicolaus. (See Lebedenko, N., Naphtali, Kroll, and Meyer.)

Krus, Adolf, Sturzelberg over Neuss, and H. Steffe, Duisburg-Huckingen, assignors to Mannesmannröhren-Werke Aktiengesellschaft, Dusseldorf, and "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne, Germany. Production of ferro-manganese. 2,128,615; Aug. 30.

Krzikalla, Hans, and H. Ufer, Ludwigshafen-on-the-Rhine, and B. Eistert, Mannheim, and G. Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,128,255; Aug. 30.

Krzikalla, Hans, and H. Ufer, Ludwigshafen-on-the-Rhine, and B. Eistert, Mannheim, and G. Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,128,256; Aug. 30.

Kuhn, Alfred, assignor to Dr. Madaus & Co., Radebeul-Dresden, Germany. Preparing triturations of fresh plants. 2,128,616; Aug. 30.

Lahl, Alfred. (See Amann, M., Günther, and Lahl.)

Lake, Lawrence C. (See Leff, Michael, assignor.)

La Mar, Frank C., New York, N. Y. Indicator. 2,128,418; Aug. 30.

Lambert, Albert L., Narberth, Pa., assignor to Heintz Manufacturing Company. Retaining means. 2,128,305; Aug. 30.

Lane, David O., Fort Valley, Ga. Basket liner. 2,128,653; Aug. 30.

Lane-Wells Company. (See Wells, Walter T., assignor.)

Lang, Albert, Berkeley, Calif. Window screen. 2,128,489; Aug. 30.

Langenberg, Frederick C. (See Russell, N. F. S., Langenberg, and Hunt.)

Larsson, Lars E., Jonkoping, assignor to Aktiebolaget Siefvert & Fornander, Kalmar, Sweden. Making waterproof igniting compositions. 2,128,368; Aug. 30.

Larsson-Letzén, Einar W., Malmo, Sweden. Game apparatus. 2,128,419; Aug. 30.

Lasar, Frank J. (See Whelan, George, assignor.)

Laskey, William G., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal mounting. 2,128,420; Aug. 30.

Lawlor, Joseph P., Ames, Iowa. Aeration of treated water in elevated tanks. 2,128,617; Aug. 30.

Lawson, Eugene P., San Angelo, Tex. Sack holder. 2,128,618; Aug. 30.

Lebedenko, Nikolaus, M. Naphtali, N. Kroll, and H. Meyer, Berlin, Germany, assignors to Commercial Ingredients Corporation, New York, N. Y. Solutions of vulcanized rubber in organic solvents of fine colloidal up to molecular dispersion and making those solutions. 2,128,654; Aug. 30.

Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)

Lecat, Gustave, Villefranche-sur-Saone, France. Safety device for railway vehicles and the like. 2,128,830; Aug. 30.

Lee, Charles A., Washington, D. C. Combined keg rack and table. 2,128,831; Aug. 30.

Lee, Paul F. (See Small, L. F., Lee, and Jennings.)

Lee, Yuk-Wing, and N. Wiener, Peiping, China, assignors to American Telephone and Telegraph Company. Electrical network system. 2,128,257; Aug. 30.

Leff, Michael, Buffalo, assignor of one-half to L. C. Lake, Kenmore, N. Y. Airplane propeller. 2,128,780; Aug. 30.

Le Febure Corporation. (See Le Febure, L. T., and Thayer, assignors.)

Le Febure, Leo T., and F. Thayer, assignors to Le Febure Corporation, Cedar Rapids, Iowa. Tray with drop side rail. 2,128,882; Aug. 30.

Legg, Oscar D., Athens, Ala. Wrench. 2,128,517; Aug. 30.

Le Gloahec, Victor C. E., Saint-Marc, near Brest, France, and J. R. Herter, New York, N. Y., assignors to Algin Corporation of America, Dover, Del. Treating seaweed. 2,128,551; Aug. 30.

Leitz, Ernst, G. m. b. H. (See Berek, Max, assignor.)

Lennon, Robert J. (See Green, S. G., and Lennon.)

Lentine, Anthony J., New York, N. Y. Closure. 2,128,752; Aug. 30.

Lever Bias Machine Corporation, The. (See Gerstein, Frank and H., assignors.)

Lewenberg, Albert, assignor, by mesne assignments, to A. Lewenberg, Brookline, Mass. Attachment for skirts. 2,128,421; Aug. 30.

Lewenberg, Anna. (See Lewenberg, Albert, assignor.)

Lewis, Roy A., Bethlehem, and C. Schenck, Coopersburg, Pa., assignors to Bethlehem Steel Company. Side stake pocket for cars. 2,128,306; Aug. 30.

Lienhard, Frederick, New York, N. Y. Steel floor construction. 2,128,753; Aug. 30.

Light, George G., Kew Gardens, assignor to The Western Union Telegraph Company, New York, N. Y. Shaping signals in single current telegraph circuits. 2,128,680; Aug. 30.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultrashort wave circuit. 2,128,422; Aug. 30.

Lindstrom, George D., and E. North, assignors to National Lock Co., Rockford, Ill. Latch operating means. 2,128,535; Aug. 30.

Linke, Howard, and W. M. Priest, New York, N. Y. X-ray apparatus. 2,128,655; Aug. 30.

Lister, Alfred, Montclair, N. J., and A. B. Frenning, Greenwich, Conn., assignors to The Spool Cotton Company, New York, N. Y. Thread spool cabinet. 2,128,781; Aug. 30.

Lloyd, Robert J., Detroit, Mich. Slug adjuster. 2,128,369; Aug. 30.

Lloyd, Robert J., Detroit, Mich. Brake shoe for typesetting machines. 2,128,370; Aug. 30.

Locke Insulator Corporation. (See Hawley, Kent A., assignor.)

Loewy, Raymond G. F., New York, N. Y., and H. A. Nonemaker, Narberth, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive. 2,128,490; Aug. 30.

Logan, Leo J., et al. (See Eaton, Roland D., assignor.)

Logeman, Richard T., Chicago, Ill. Facing for retaining structures and forming same. 2,128,681; Aug. 30.

Long, Joseph P., New York, N. Y. Shock absorber attachment for bumpers. 2,128,656; Aug. 30.

Longstreet, Walter H., assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Pressure fluid gauge. 2,128,619; Aug. 30.

Lord, Chester A., assignor to Universal Form Clamp Co., Chicago, Ill. Wall tie. 2,128,308; Aug. 30.

Lord, Geoffrey, and G. Reeves, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of amino derivatives of anthraquinone. 2,128,307; Aug. 30.

Lubrication Corporation, The. (See Tear, Harry R., assignor.)

Lumpkin, Ray E., San Antonio, Tex., assignor to L. W. Fowler. Dish. 2,128,371; Aug. 30.

Lusher, Albert C., assignor to Scovill Manufacturing Company, Waterbury, Conn. Connecter end cap. 2,128,832; Aug. 30.

Lyons, Daniel A., assignor to Consolidated Steel Corporation, Ltd., Los Angeles, Calif. Bending machine. 2,128,620; Aug. 30.

MacAfee, Merrill W., Berkeley, Calif., assignor to Great Western Electro-Chemical Company. Flotation material. 2,128,570; Aug. 30.

MacDonald, John S., Highland Park, Mich. Motion picture film end clip for reels. 2,128,710; Aug. 30.

MacGahan, Paul. (See Young, D. A., and MacGahan.)

Machotka, Adolf, Uvalde, Tex. Detachable handle for paper drinking cups. 2,128,466; Aug. 30.

MacLaurin, John, Ware, Mass. Decalcomania paper. 2,128,588; Aug. 30.

Madaras, Julius D., Detroit, Mich. Dam. 2,128,657; Aug. 30.

Madaus, Dr., & Co. (See Kuhn, Alfred, assignor.)

Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Extensible portable conveyer. 2,128,309; Aug. 30.

Magerstadt, Paul E. (See Myer, J. E., Horner, and Magerstadt.)

Maney, Dorothy B. (See Charch, W. H., and Maney.)

Mannesmannröhren-Werke Aktiengesellschaft, et al. (See Krus, A., and Steffe, assignors.)

Manning, Fred W., Pasadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Rechargeable filter. 2,128,589; Aug. 30.

Manning, F. W., Company. (See Manning, Fred W., assignor.)

Manson, Frank G., Dayton, Ohio. Life preserver. 2,128,423; Aug. 30.

Mantle Lamp Company, The. (See Davis, Cortland W., assignor.)

Marbon Corporation. (See Kratz, E. M., Moffett, and Gebauer-Fuelnegg.)

Marcard, Eduard. (See Peeck, P., Johannesson, and Marcard.)

Margles, Samuel G., Brooklyn, assignor to Otis Elevator Company, New York, N. Y. Moving stairway. 2,128,310; Aug. 30.

Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,128,372; Aug. 30.

Marley Company, The. (See Kell, Waldo R., assignor.)

Marsden, Charles, Bombay, British India. Yarn-winding machine. 2,128,786; Aug. 30.

Marsden, Charles, Ahmedabad, Bombay, British India. Machine for winding yarn and the like. 2,128,787; Aug. 30.

Marshall, Anna, et al. (See Marshall, Edward W., assignor.)

Marshall, Charles O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,128,491; Aug. 30.

Marshall, Edward W., assignor of thirty-three per cent to A. Marshall and fifteen per cent to A. B. Alexander, Chicago, Ill. Bathtub. 2,128,424; Aug. 30.

Martelli, Ivo, Parma, Italy. Transmission gearing for vehicles and the like. 2,128,425; Aug. 30.

Martin, John A., Indianapolis, Ind. Speed governor. 2,128,754; Aug. 30.

Martin, Walter R., Long Beach, Calif. Multiple drilling gauge. 2,128,833; Aug. 30.

Marx, Erwin, Brunswick, and H. Buchwald, Berlin-Reinickendorf, Germany. Arc converter. 2,128,884; Aug. 30.

Masten, George S., Los Angeles, Calif. Feed apparatus for gas engines. 2,128,711; Aug. 30.

Maurice Mills Company Inc. et al. (See Coleman, Robert H., assignor.)

Maynaflux Corporation. (See Betz, C. E., and Doane, assignors.)

McAleer Manufacturing Company. (See Whitlark, C. H. F., and Welhe, assignors.)

McGann, Grace W., et al. (See Eaton, Roland D., assignor.)

McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,128,590; Aug. 30.

McComb, James K., and G. D. Burruss, assignors to Sta-Neat Apparel Company Limited, Toronto, Ontario, Canada. Uniform, dress, and like garment. 2,128,536; Aug. 30.

McCrosky Tool Corporation. (See Miller, F. P., and Dornhoffer, assignors.)

McGay, John B., Tulsa, Okla., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Chart calculating machine. 2,128,834; Aug. 30.

McGill Manufacturing Company. (See Popp, Rudolf, assignor.)

McGill, William H., Winchester, Mass. Tool sharpening apparatus. 2,128,591; Aug. 30.

McKinney, William A. (See Johnson, John E., assignor.)

McLellan, Alex C. (See Felger, R. G., McLellan, Griswold, and Dubry.)

McVey, Charles W., St. Ignatius, Mont. Safety singletree. 2,128,835; Aug. 30.

McVoy, Vincen P., Mobile, Ala. Metal shingle and roof. 2,128,836; Aug. 30.

Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 2,128,426; Aug. 30.

Meahl, Harry R., Scotia, N. Y., assignor to General Electric Company. Oscillator. 2,128,837; Aug. 30.

Means, Winthrop J., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum switch. 2,128,427; Aug. 30.

Mechanical Handling Systems, Inc. (See Bishop, Leonard J., assignor.)

Mekelburg, Harold L., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,128,373; Aug. 30.

Mena, Dan, Oakland, Calif. Observation tower. 2,128,492; Aug. 30.

Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)

Merritt, William F., Livingston, N. J. Detachable lining for brake shoes. 2,128,467; Aug. 30.

Mertes, Albert T., Newport, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Carrying out chemical reactions. 2,128,311; Aug. 30.

Methlin, Nicolas E., assignor to Schneider & Cie, Paris, France. Fuse for projectiles. 2,128,838; Aug. 30.

Methlin, Nicolas E., assignor to Schneider & Cie, Paris, France. Device for operating land mines and the like by the passage of tanks or other vehicles. 2,128,839; Aug. 30.

Meyer, Hermann. (See Lebedenko, N., Naphtali, Kroll, and Meyer.)

Meyer, Leo J., assignor of one-third to J. A. Schuler, St. Louis, Mo., and two-thirds to The Champion Pecan Machine Company, San Antonio, Tex. Nut-cracking machine. 2,128,874; Aug. 30.

Midulla, Biagio, New York, N. Y. Wrapper for cigars or the like. 2,128,374; Aug. 30.

Miehle Printing Press & Manufacturing Company. (See Peyrebrune, Henri E., assignor.)

Millard, Raymond B., Tulsa, Okla. Building construction. 2,128,375; Aug. 30.

Miller, Frank P., Meadville, Pa. Inserted blade cutter. 2,128,571; Aug. 30.

Miller, Frank P., and E. G. Dornhoffer, assignors to McCrosky Tool Corporation, Meadville, Pa. Tool holder. 2,128,572; Aug. 30.

Miller, Irven T. (See Elderkin, Clair T., assignor.)

Miller, Starks L., assignor to American Ball-Mill Company, Denver, Colo. End liner for grinding mills. 2,128,468; Aug. 30.

Millett, John E. (See Sackner, W. E., and Millett.)

Millett, John E., assignor to Grand Rapids Fibre Cord Co., Grand Rapids, Mich. Open-mesh bag. 2,128,658; Aug. 30.

Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Package and packaging. 2,128,755; Aug. 30.

Mims, Con, et al. (See Neff, Asa J., assignor.)

Mims, Ed, et al. (See Neff, Asa J., assignor.)

Minton, Wilbur R., Sidney, Ohio. Display rack. 2,128,493; Aug. 30.

Mintz, Henry A., Norwood, Mass. Press for watch crystals. 2,128,659; Aug. 30.

Mitchell, Robert, Company, The. (See Woelfel, Harold M., assignor.)

Mobilium Products, Inc. (See Prosen, Emil M., assignor.)

Moffett, Eugene W. (See Kratz, E. M., Moffett, and Gebauer-Fuelnegg.)

Mohawk Equipment Corporation. (See Caldwell, Edwin D., assignor.)

Moline Tool Company. (See Hunt, W. P., and Eipper, assignors.)

Molitor, Albert, Chicago, Ill. Tie support and attaching device. 2,128,840; Aug. 30.

Monarch Governor Company. (See Jennings, Jarvis S., Jr., assignor.)

Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Razor blade support. 2,128,258; Aug. 30.

Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Blade supporting means. 2,128,259; Aug. 30.

Montrose-Oster, Louis-Eugéne-Widolt, Karlsbad, Czechoslovakia, assignor of one-half to the firm Pollopas Patents Ltd., London, England. Vehicle suspension. 2,128,756; Aug. 30.

Moore, Giles S., Indianapolis, Ind., and E. G. Streckfuss, Cincinnati, Ohio, assignors to G. B. M. Electric Company, Inc., Indianapolis, Ind. Centrifugal switch. 2,128,841; Aug. 30.

Moorhouse, Alfred, Detroit, Mich. Motor vehicle. 2,128,660; Aug. 30.

Morgan, Maurice J., West Englewood, N. J. Hot water heater. 2,128,842; Aug. 30.

Morrison, James, Brass Manufacturing Company Limited. (See Hughes, Henry, assignor.)

Morrison, Willard L., Chicago, Ill. Door for automobiles. 2,128,260; Aug. 30.

Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. High pressure hand lubricator. 2,128,494; Aug. 30.

Morrow Lubricator Company. (See Morrow, John C., assignor.)

Morse, Herbert B. (See Albion, Charles M., assignor.)

Mountjoy, Garrard, Manhasset, N. Y., and D. E. Foster, South Orange, N. J., assignors to Radio Corporation of America. Automatic frequency control system. 2,128,661; Aug. 30.

Mueller Brass Co. (See Rader, H. K., and Gray, assignors.)

Müller, Bernhard, Berlin-Charlottenburg, assignor to Rutgerswerke-Aktiengesellschaft, Berlin, Germany. Manufacturing noninflammable articles of organic fibrous materials. 2,128,782; Aug. 30.

Mullins, John C., Tulsa, Okla. Package. 2,128,843; Aug. 30.

Murphy, Dan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Sheet metal roofing and siding. 2,128,495; Aug. 30.

Murphy, Daniel, New Castle, Pa. Packless bearing. 2,128,496; Aug. 30.

Murphy, Edward A., Wylde Green, Birmingham, assignor to Dunlap Rubber Company, Limited, London, England. Producing rubber coated fabric. 2,128,312; Aug. 30.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,128,729; Aug. 30.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member and fastener installation. 2,128,730; Aug. 30.

Murray, Thomas E., Jr., Brooklyn, N. Y. Sheet piling. 2,128,428; Aug. 30.

Mushkin, Michael D., Seattle, Wash. Current-propelled turbine. 2,128,592; Aug. 30.

Muth, Friedrich. (See Stusser, R., and Muth.)

Myer, James E., Washington, D. C., and A. C. Horner and P. E. Magerstadt, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C. Seating tool for timber connecters. 2,128,844; Aug. 30.

Myers, Elman B., assignor to Myers Mill Corporation, Montreal, Quebec, Canada. Method and apparatus for recovering metal values. 2,128,313; Aug. 30.

Myers, George F., New York, N. Y. Flying machine. 2,128,261; Aug. 30.

Myers Mill Corporation. (See Myers, Elman B., assignor.)

Myers, Robert P., and S. M. Weisberg, Baltimore, Md., assignors to Sealtest System Laboratories, Inc., New York, N. Y. Treatment of milk products. 2,128,845; Aug. 30.

Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating means for sewing machine loop-takers. 2,128,573; Aug. 30.

N. V. Machinerieen-en-Apparaten Fabrieken "Mea." (See Dillebach, Walter, assignor.)

Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande. (See Priester, Remmet, assignor.)

Nampa, Sulo M., and S. C. Japinga, Detroit, Mich., assignors to The Worth Company. Car loading device. 2,128,376; Aug. 30.

Naphtali, Max. (See Lebedenko, N., Naphtali, Kroll and Meyer.)

Naso, Stephen, and F. Goodstein, Easton, Pa. Pinking machine. 2,128,846; Aug. 30.

Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)

National Lock Co. (See Lindstrom, G. D., and North, assignors.)

National Radiator Corporation. (See Young, J. L., and Jephson, assignors.)

Nationale Telephon- und Telegraphen-werke G. m. b. H. (See Amann, M., Günther, and Lahl, assignors.)

Neff, Asa J., assignor of one-half to E. Mims and C. Mims, Laredo, Tex. Portable gin pole. 2,128,712; Aug. 30.

Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,128,662; Aug. 30.

Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,128,663; Aug. 30.

Neumann, Jan. (See Hejduk, F., and Neumann.)

Newman, Louis L., Brooklyn, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Carbon monoxide manufacture. 2,128,262; Aug. 30.

Nibbs, Ernest, New London, assignor to Electric Boat Company, Groton, Conn. Evaporator. 2,128,469; Aug. 30.

Nisbet, Robert H. (See Harding, W. G., and Nisbet.)

Nonemaker, Harold A. (See Loewy, R. G. F., and Nonemaker.)

North, Edwin. (See Lindstrom, G. D. and North.)

Norton Company. (See Holmstrom, A. B. and Wahlberg, assignors.)

Norton Company. (See Indge, Herbert S., assignor.)

Novelart Mfg. Co. (See Kahn, Milton, assignor.)

Nunn, Ewing D., Milwaukee, Wis. Mechanical oscillator. 2,128,314; Aug. 30.

Oak Manufacturing Company. (See Allison, Kenneth C., assignor.)

Oakes Products Corporation. (See Jandus, Herbert S., assignor.)

Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Process and apparatus for heat generation of spray. 2,128,263; Aug. 30.

Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Burner. 2,128,264; Aug. 30.

Öfverholm, Hakan. (See Forssell, H., and Öfverholm.)

Ohio Boxboard Company, The. (See Swope, Lytle E., assignor.)

Oliver Farm Equipment Company. (See Gemberling, Cameron H., assignor.)

Olsen, John J., San Francisco, Calif. Wall construction. 2,128,497; Aug. 30.

Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Locking device. 2,128,429; Aug. 30.

Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastening. 2,128,757; Aug. 30.

Oppenheimer, Josef. (See Dubilier, W., and Oppenheimer.)
Otis Elevator Company. (See Margles, Samuel G., assignor.)
Ottley, John K., Atlanta, Ga. Crupper harness. 2,128,498; Aug. 30.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Mirror plating apparatus. 2,128,713; Aug. 30.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Mirror plating apparatus. 2,128,714; Aug. 30.
Owens, Orville R., assignor to Wells-Gardner & Company, Chicago, Ill. Bent plywood. 2,128,783; Aug. 30.
Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
Palmer Electric & Manufacturing Co., The. (See Johansson, Ernest G., assignor.)
Parker, Colin R., Newport, R. I. Fishing device. 2,128,315; Aug. 30.
Parks & Woolson Machine Company. (See Richardson, Charles G., assignor.)
Parmer, Harry W. (See Graham, G. A., and Parmer.)
Pashley, William H. (See Goodwin, V. B., and Pashley.)
Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
Paul, George F., Struthers, Ohio. Apparatus for piling sheets and plates. 2,128,316; Aug. 30.
Paul, Hans E. (See Berndt, W., and Paul.)
Pechy, William, Elizabeth, N. J., assignor to American Can Company, New York, N. Y. Pressure gauge device. 2,128,265; Aug. 30.
Peeck, Paul, B. Johannesson and E. Marcard, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver control. 2,128,561; Aug. 30.
Penn Metal Corporation of Penna. (See Sagendorph, F. E., 2nd, and Baittinger, assignors.)
Pennsylvania Railroad Company, The. (See Loewy, R. G. F., and Nonemaker, assignors.)
Perrault, Jules A., et al. (See Eaton, Roland D., assignor.)
Peter, William J., and B. J. Yanchenko, assignors to Aqua Systems Incorporated, New York, N. Y. Liquid dispenser. 2,128,499; Aug. 30.
Petrus-Blumberger, José S., Delft, Netherlands, assignor to General Aniline Works, Inc., New York, N. Y. Disazo dyestuffs. 2,128,537; Aug. 30.
Peyrebrune, Henri E., Elmwood Park, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Rotary sheet transfer mechanism. 2,128,317; Aug. 30.
Phillips, Charles R., Mannington, W. Va. Tubing and casing stripper for wells. 2,128,593; Aug. 30.
Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting device. 2,128,470; Aug. 30.
Pickett, Earl H. (See Toncray, M. H., and Pickett.)
Pierpoint, William, deceased, Yonkers, by W. C. Pierpoint, administrator, Kingston, N. Y., assignor to Pierpoint-Urzaiz Co. Inc. Battery clasp. 2,128,888; Aug. 30.
Pierpoint, William C., administrator. (See Pierpoint, William.)
Pierpoint-Urzaiz Co. Inc. (See Pierpoint, William, assignor.)
Pitman-Moore Company. (See Fisk, Frank B., assignor.)
Pintsch, Julius, Kommandetgesellschaft. (See Dällenbach, Walter, assignor.)
Pittsburgh Equitable Meter Company. (See McGay, John B., assignor.)
Pittsburgh Plate Glass Company. (See Gelstharp, Frederick, assignor.)
Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
Plaskon Company. (See Howald, Arthur M., assignor.)
Plax Corporation. (See Ferngren, Enoch T., assignor.)
Pletcher, Theodore. (See Schoen, H., and Pletcher.)
Pollopas Patents Ltd. (See Montrose-Oster, Louis-Eugene-Widolt, assignors.)
Poole, John W., Jaffrey, N. H. Producing asphalt in solvent refinement of petroleum substances. 2,128,885; Aug. 30.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electrical switch. 2,128,731; Aug. 30.
Porter, Albert L., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon soles. 2,128,318; Aug. 30.
Post Glover Electric Company, The. (See De Bois, Marvin A., assignor.)
Potdevin Machine Company. (See Ettl, Joseph, assignor.)
Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
Prati, Armando, Brooklyn, N. Y. Clamping pin device for smoothing and tightening fabrics for cutting goods for clothing. 2,128,758; Aug. 30.
Preston, George C. (See Wakeman, John E., assignor.)
Priest, Wilmer M. (See Linke, H., and Priest.)
Priester, Remmet, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Manufacturing driers. 2,128,732; Aug. 30.
Process Management Company. (See Cooke, Horace B., assignor.)
Prosen, Emil M., assignor to Mobilium Products, Inc., Philadelphia, Pa. Alloy. 2,128,847; Aug. 30.
Pryor, Elmer E., Fullerton, Calif. Fishing tool. 2,128,430; Aug. 30.
Pulver, Harold L., Providence, R. I. Separable brooch. 2,128,319; Aug. 30.
Quad Pneumatic Lift Company. (See Bissell, David J., assignor.)
Queneau, Bernard R., Millburn, N. J., assignor to United States Steel Corporation, New York, N. Y. Case hardening. 2,128,621; Aug. 30.
Quinn, Ralph E., Moffett Field, Calif. Automatic airship valve regulator. 2,128,266; Aug. 30.
R-B-M Manufacturing Company. (See Dotterer, Frank A., assignor.)
Rader, Harold K., and J. E. Gray, assignors to Mueller Brass Co., Port Huron, Mich. Sprinkler head. 2,128,552; Aug. 30.
Radio Corporation of America. (See Baylis, Adelaide B., assignor.)
Radio Corporation of America. (See Carter, Philip S., assignor.)
Radio Corporation of America. (See Clay, Murray G., assignor.)
Radio Corporation of America. (See Clough, N. H., and Green, assignors.)
Radio Corporation of America. (See Foster, Dudley E., assignor.)
Radio Corporation of America. (See George, Roscoe H., assignor.)
Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
Radio Corporation of America. (See Mountjoy, G., and Foster, assignors.)
Rafetto, Herbert C., Wayne, Pa. Treating raw clay materials. 2,128,848; Aug. 30.
Ragan Knitting Company et al. (See Coleman, Robert H., assignor.)
Raines, Claude H., Portland, and J. C. Raines, Lacomb, Oreg. Compass saw. 2,128,471; Aug. 30.
Raines, James C. (See Raines, Claude H. and J. C.)
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,128,431; Aug. 30.
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,128,472; Aug. 30.
Ramage, William D., Berkeley, Calif. Clarification and removal of iron from beverages. 2,128,432; Aug. 30.
Ramsey Accessories Manufacturing Corporation. (See Marlen, Charles A., assignor.)
Ranap Company Inc. (See Foster, Fred L., assignor.)
Rasmussen, Robert P., Chicago, Ill. Conveyer. 2,128,594; Aug. 30.
Rasmussen, Robert P., Chicago, Ill. Conveyer. 2,128,595; Aug. 30.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,128,320; Aug. 30.
Redfern, Francis H., Folkestone, England. Folding hood. 2,128,849; Aug. 30.
Redin, Eric G., St. Louis, Mo. Clothes hanger. 2,128,596; Aug. 30.
Redington, F. B., Co. (See Milmoe, Michael J., assignor.)
Reeves, George. (See Lord, G., and Reeves.)
Reich, Walter A., Kansas City, Mo. Automatic reverse gearing. 2,128,715; Aug. 30.
Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,128,321; Aug. 30.
Reis, Robert, & Co. (See Boysen, John A., assignor.)
Reiser, Isidore, New York, N. Y. Saddle for hat presses. 2,128,538; Aug. 30.
Renner, Hans H., Frankfort-on-the-Main, Germany. Controlling the voltage of discharge devices. 2,128,562; Aug. 30.
Republic Flow Meters Company. (See Spitzglass, A. F., and Grisdale, assignors.)
Resinox Corporation. (See Irey, K. M., and Debing, assignors.)
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap construction. 2,128,473; Aug. 30.
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap. 2,128,474; Aug. 30.
Richards, Harold S., South Portland, Maine. Baked peanuts and method of preparation. 2,128,850; Aug. 30.
Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth finishing machine. 2,128,377; Aug. 30.
Richter, Johannes, B. Hensel and K. Hess, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,128,759; Aug. 30.
Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 2,128,500; Aug. 30.
Riehl, Amos D., Loomis, Calif. Tire rim. 2,128,322; Aug. 30.
Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support. 2,128,733; Aug. 30.
Rimböck, Karl, Vienna, Austria. Theophylline-Piperazine preparations. 2,128,851; Aug. 30.

Roach, Alden G., assignor to Consolidated Steel Corporation Ltd., Los Angeles, Calif. Platform canopy. 2,128,539; Aug. 30.
Roach, Louis B., Shreveport, La. Steam table. 2,128,852; Aug. 30.
Robbins Incubator Company, The. (See Stinson, Oliver, assignor.)
Roberts, Eugene, Hastings, assignor to The Western States Machine Company, New York, N. Y. Apparatus for mixing and conditioning massecuite. 2,128,873; Aug. 30.
Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Driving means for centrifugal machines. 2,128,575; Aug. 30.
Robertshaw Thermostat Company. (See Vedoe, Anton M., assignor.)
Rocque, John T., Newport, Vt. Building material. 2,128,540; Aug. 30.
Rodgers, Elbert A., Fort Worth, Tex. Flow controlling valve for oil wells. 2,128,475; Aug. 30.
Roen, Raymond N., Duchess, Alberta, Canada. Safety device for hydraulic brakes. 2,128,853; Aug. 30.
Rogers, Donald A., Petersburg, and E. W. Bowen, Prince George County, Va., assignors to The Solvay Process Company, New York, N. Y. Phthalic acid manufacture. 2,128,323; Aug. 30.
Root, John J., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control circuit. 2,128,324; Aug. 30.
Rose, Francis L., Blackley, England, assignor to Imperial Chemical Industries Limited. Copper containing mondazo dyestuffs and preparing them. 2,128,325; Aug. 30.
Rose, Joseph, New York, N. Y. Building wall construction. 2,128,886; Aug. 30.
Rotheim, Erik, Oslo, Norway. Insecticidal composition. 2,128,433; Aug. 30.
Royer Foundry & Machine Company. (See Davies, Stanley B., assignor.)
Rubenstein, Henry, Brooklyn, N. Y. Animal tail wagging device. 2,128,326; Aug. 30.
Runton, Leslie A., Andover, Mass. Actuating mechanism for stop motions. 2,128,476; Aug. 30.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Braun tube. 2,128,597; Aug. 30.
Russell, Norman F. S., and F. C. Langenberg, Edgewater, and H. S. Hunt, assignors to United States Pipe and Foundry Company, Burlington, N. J. Method and apparatus for coating molds. 2,128,327; Aug. 30.
Rutgerswerke Aktiengesellschaft. (See Müller, Bernhard, assignor.)
Ruzicka, Leopold, Zurich, and L. Ehmann, Basel, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Producing unsaturated compounds containing the aetiocholane ring. 2,128,622; Aug. 30.
Rylands Brothers (Australia) Limited. (See Jenks, Frank, assignor.)
"Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, et al. (See Krus, A., and Steffe, assignors.)
Sackner, Wade E., and J. E. Millett, assignors to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Producing imitation reed fabric. 2,128,664; Aug. 30.
Sagendorph, Frank E., 2nd, Lansdowne, and C. E. Baittinger, assignors to Penn Metal Corporation of Penna, Philadelphia, Pa. Post office box structure. 2,128,854; Aug. 30.
St. Joe Machines, Inc. (See Schmidtke, Albert H., assignor.)
Sanford, Hugh W., Knoxville, Tenn. Transverse cantilever construction for mine or similar rail cars. 2,128,271; Aug. 30.
Sacerdote, Guido M., Bayside, N. Y. Manifolding ribbon support. 2,128,267; Aug. 30.
Scharpf, Otto, assignor to Johnson Service Company, Milwaukee, Wis. Control method and apparatus. 2,128,378; Aug. 30.
Schein, John E., et al. (See Hills, Ernest E., assignor.)
Schenck, Charles. (See Lewis, R. A., and Schenck.)
Schenker, Walter, Winterthur, Switzerland. Two-stroke internal combustion engine. 2,128,855; Aug. 30.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Control mechanism. 2,128,328; Aug. 30.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Steering gear assembly. 2,128,329; Aug. 30.
Schlitz, John, Leavenworth, Kans., assignor of one-half to I. W. Brugger, Tuckahoe, N. Y. Epicycle engine. 2,128,330; Aug. 30.
Schlosser, Chalmer, Jr., Indianapolis, Ind. Constant mesh variable speed gear drive. 2,128,477; Aug. 30.
Schlötter, Max, Berlin, Germany. Apparatus for electroplating by hand. 2,128,331; Aug. 30.
Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Receptacle filler. 2,128,734; Aug. 30.
Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Receptacle filler. 2,128,735; Aug. 30.
Schmidtke, Albert H., assignor to St. Joe Machines, Inc., St. Joseph, Mich. Stapling mechanism. 2,128,478; Aug. 30.
Schneider & Cie. (See Methlin, Nicolas E., assignor.)
Schneider, Ferdinand, Fulda, Germany. Contact device for clocks driven by electric motors. 2,128,563; Aug. 30.
Schoen, Harry, and T. Pletcher, assignors to Eagle Straw Corporation, Brooklyn, N. Y. Drinking straw manufacturing apparatus. 2,128,564; Aug. 30.
Schollmeyer, William A., assignor of one-half to O. F. Jagielski, Yonkers, N. Y. Exercising machine. 2,128,332; Aug. 30.
Schuler, John A., et al. (See Meyer, Leo J., assignor.)
Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
Scovill Manufacturing Company. (See Lusher, Albert C., assignor.)
Sealtest System Laboratories, Inc. (See Myers, R. P., and Weisberg, assignors.)
Sears, Roebuck and Co. (See Fairchild, Alice M., assignor.)
Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Spacing member. 2,128,434; Aug. 30.
Semet-Solvay Engineering Corporation. (See Newman, Louis L., assignor.)
Service Foundry Company. (See Burns, R., and Hayward, assignors.)
Shapiro, Abraham, Chicago, Ill. Liqueur and method of making same. 2,128,760; Aug. 30.
Shawmut Engineering Company. (See Bixby, Walter, assignor.)
Shell Development Company. (See van Peski, A. J., and Coltof, assignors.)
Shell Development Company. (See Yates, Wallace J., assignor.)
Sherwin-Williams Company, The. (See Frye, Robert, assignor.)
Sherwin-Williams Company, The. (See Frye, R., and Vagenius, assignors.)
Shippee, Robert, Rumson, N. J., and E. H. Corlett, Lewisboro Township, Westchester County, N. Y.; said Corlett assignor to said Shippee. Toy. 2,128,435; Aug. 30.
Simplex Products Corporation. (See Solenberger, Dean M., assignor.)
Simpson, Eugene H. (See Krohn, J. M., and Simpson.)
Sims, Sterling, Taylor, Tex. Cake knocker for oil presses. 2,128,856; Aug. 30.
Singer, Harry R. (See Zerilli, Marius, assignor.)
Singer Manufacturing Company, The. (See Karle, John D., assignor.)
Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
Sipp-Eastwood Corporation. (See Klein, Frederick, assignor.)
Slusser, Harry R., and J. B. Baker, assignors to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,128,683; Aug. 30.
Small, Lisle F., and P. F. Lee, U. S. Navy, and A. A. Jennings, Vallejo, Calif. Securing turbine blades. 2,128,268; Aug. 30.
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Means and method of vibrating the wire of a paper-making machine. 2,128,269; Aug. 30.
Smith, George S., Chicago, Ill. Feeder. 2,128,501; Aug. 30.
Smith, Howard A. and M. E., Fairfield, Conn. Elastic fabric; 2,128,764; Aug. 30.
Smith, May E. (See Smith, Howard A. and M. E.)
Smith, L. C., & Corona Typewriters, Inc. (See Bradt, Charles H., assignor.)
Smith, Thomas N., San Antonio, Tex. Well testing device. 2,128,716; Aug. 30.
Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Chart clamp. 2,128,541; Aug. 30.
Snow, Frank P., assignor to Snow Manufacturing Co., Los Angeles, Calif. Water gate. 2,128,542; Aug. 30.
Snow, Harold R., Hammond, assignor to Standard Oil Company, Whiting, Ind. Decomposition of hydrocarbon oils. 2,128,502; Aug. 30.
Snow Manufacturing Co. (See Snow, Frank P., assignor.)
Snyder & Black Incorporated. (See Johnson, Homer H., assignor.)
Society of Chemical Industry in Basle. (See Albrecht, O., Bommer, and Grieshaber, assignors.)
Society of Chemical Industry in Basle. (See Ruzicka, L., and Ehmann, assignors.)
Society "S. E. B. A. Societe Anonyme d'Exploitation de Brevets d'Automobiles", The. (See Andreau, Jean E., assignor.)
Sofal Limited. (See Burden, W. M., Geners, and Harrison, assignors.)
Solenberger, Dean M., Cleveland, Ohio, assignor to Simplex Products Corporation. Piston expander. 2,128,717; Aug. 30.
Solvay Process Company, The. (See Rogers, D. A., and Bowen, assignors.)
Spanner, Hans J., Berlin, Germany, and U. Doering, New York, N. Y., assignors, by mesne assignments, to said H. J. Spanner. Lighting device. 2,128,270; Aug. 30.

Spelts, George A., Los Angeles, assignor of seven per cent to W. F. Arndt and thirty per cent to L. J. Styskal, Los Angeles County, Calif. Control valve. 2,128,436; Aug. 30.

Spencer, George L., Jr., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Recovery of values from zinc concentrates. 2,128,379; Aug. 30.

Spencer, George L., Jr., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Recovery of values from zinc concentrates. 2,128,380; Aug. 30.

Sperry Gyroscope Company. (See Harding, W. G., and Nisbet, assignors.)

Spicer, Ralph Roland. (See Bolder, Walter, assignor.)

Spitzglass, Albert F., and G. W. Grisdale, assignors to Republic Flow Meters Company, Chicago, Ill. Gas analyzing apparatus. 2,128,381; Aug. 30.

Spool Cotton Company, The. (See Lister, A., and Frenning, assignors.)

Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Friction bolster spring. 2,128,503; Aug. 30.

Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Bolster spring unit. 2,128,504; Aug. 30.

Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Bolster supporting spring unit. 2,128,505; Aug. 30.

Squyer, Albert R., assignor to Weaver Manufacturing Company, Springfield, Ill. Headlight tester. 2,128,543; Aug. 30.

Stackhouse, Roy G., Birmingham, Ala. Railroad tie. 2,128,272; Aug. 30.

Stacy, John D., Pittsfield, Mass., assignor to General Electric Company. Capacitor for polyphase circuits. 2,128,857; Aug. 30.

Sta-Neat Apparel Company Limited. (See McComb, J. K., and Burruss, assignors.)

Standard Mailing Machine Company. (See Storck, Frederick W., assignor.)

Standard Oil Company. (See Snow, Harold R., assignor.)

Stanton, Frank C., et al. (See Eaton, Roland D., assignor.)

Stark, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Coin time switch. 2,128,858; Aug. 30.

Statler, Walter H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Welded underframe for mine cars. 2,128,333; Aug. 30.

Staunton, Bruce M., Wichita, Kans. Inclinometer. 2,128,506; Aug. 30.

Steckelberg, Anna L., Plymouth, Nebr., and J. Broadhurst, New York, N. Y. Increasing the viscosity of cream. 2,128,565; Aug. 30.

Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,128,859; Aug. 30.

Steffe, Hermann. (See Krus, A., and Steffee.)

Stein, Leonard. (See Bockmühl, M., and Stein.)

Stenwall, Alfred, Kewanee, Ill., assignor to Walworth Patents, Inc., Boston, Mass. Apparatus for and producing split wire rings. 2,128,437; Aug. 30.

Stevens, Paul S., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Leveling device. 2,128,273; Aug. 30.

Stevens, William G., Jr., Sykesville, Md. Elevating and lowering planter runners. 2,128,860; Aug. 30.

Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)

Still, Carl, Recklinghausen, Germany. Apparatus for charging and compressing loosely charged coal within oven chambers. 2,128,138; Aug. 30.

Stinson, Oliver, assignor to The Robbins Incubator Company, Edgewater, Colo. Door latch. 2,128,439; Aug. 30.

Stockelbach, Frits E., Montclair, N. J. Ultraviolet light filter composition. 2,128,334; Aug. 30.

Storck, Frederick W., Arlington, assignor to Standard Mailing Machine Company, Everett, Mass. Mechanical positioning stop. 2,128,507; Aug. 30.

Strand, Edward T., and F. P. Colgan, Salem, Oreg. Measured quantity dispenser. 2,128,718; Aug. 30.

Streckfuss, Elmer G. (See Moore, G. S., and Streckfuss.)

Stuck, William P., Mount Ayr, Iowa. Valve. 2,128,623; Aug. 30.

Stusser, Richard, Cologne, and F. Muth, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,128,508; Aug. 30.

Styskal, L. J. et al. (See Spelts, George A., assignor.)

Submarine Signal Company. (See Smith, Edward W., assignor.)

Sullivan Machinery Company. (See Reilly, John L., assignor.)

Surjaninoff, Michael, Stammersdorf, near Vienna, Austria. Electric motor. 2,128,544; Aug. 30.

Swanson, Earl R., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Car roof. 2,128,624; Aug. 30.

Swope, Lytle E., Lakewood, assignor to The Ohio Boxboard Company, Rittman, Ohio. Handle reinforcement for boxes. 2,128,509; Aug. 30.

Tanner, Elo C. (See Tull, R. H., and Tanner.)

Taylor, Raymond B., Los Angeles, Calif. Fastener for doors and windows. 2,128,479; Aug. 30.

Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,128,382; Aug. 30.

Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,128,383; Aug. 30.

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartels, Hans, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, W., and Paul, assignors.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Diels, Kurt, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kriebel, Walter, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Peeck, P., Johannesson, and Marcard, assignors.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Richter, J., Heusel and Hess, assignors.)

Thayer, Albert L., Lewiston, Idaho. Draftless ventilator and air cleaner for automobiles. 2,128,335; Aug. 30.

Thayer, Frank. (See Le Febure, L. T., and Thayer.)

Thomas, Floyd H., Milan, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Impact wrench. 2,128,761; Aug. 30.

Thompson, Edward A., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,128,665; Aug. 30.

Thompson, Elmer B., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Motor for operating a vibratory jack. 2,128,441; Aug. 30.

Thompson, Milton E., Ridgway, Pa. Self-starting synchronous motor. 2,128,719; Aug. 30.

Timber Engineering Company. (See Myer, J. E., Horner, and Magerstadt, assignors.)

Timken Roller Bearing Company, The. (See Baker, John B., assignor.)

Timken Roller Bearing Company, The. (See Slusser, H. R., and Baker, assignors.)

Timmer, Albert J. (See Williams, H. M., and Timmer.)

Toledo Scale Manufacturing Company. (See Bennett, Hubert D., assignor.)

Toledo Scale Manufacturing Company. (See Marshall, Charles O., assignor.)

Toncray, Millard H., and E. H. Pickett, assignors to Hudson Motor Car Company, Detroit, Mich. Window ventilating mechanism. 2,128,384; Aug. 30.

Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Vapor electric discharge device. 2,128,861; Aug. 30.

Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Vapor electric discharge device. 2,128,862; Aug. 30.

Torstensson, Sture F., Stockholm, Sweden. Insulation. 2,128,336; Aug. 30.

Trans-Lux Corporation. (See Weller, Frank E., assignor.)

Trexler, Robert M., Fenton, Mo. Toy. 2,128,666; Aug. 30.

Trico Products Corporation. (See Horton, Erwin C., assignor.)

Troisi, Fiorentino G., Pittsburgh, Pa. Telephone apparatus. 2,128,385; Aug. 30.

Tull, Robert H., and E. C. Tanner, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid cooler. 2,128,784; Aug. 30.

Turner, Alma L. (See Haycock, R. D., and Turner.)

Turrian, Arthur, Schenectady, N. Y. Elevation and slope indicator. 2,128,863; Aug. 30.

Tweedale, Ralph L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,720; Aug. 30.

Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Mechanical movement. 2,128,545; Aug. 30.

Tyler, W. S., Company, The. (See Wettlaufer, William F., assignor.)

Ufer, Hanns. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)

Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Prepayment telephone system. 2,128,442; Aug. 30.

Umhoefer, John P., Cleghorn, G. H. Albers, Cherokee, and J. R. Albers, Sioux City, Iowa; said G. H. Albers assignor of one-sixth to said Umhoefer and one-sixth to said J. R. Albers. Power driven log saw. 2,128,864; Aug. 30.

Underpinning & Foundation Co. (See Raisch, William, assignor.)

Union Carbide and Carbon Corporation. (See Wilson, Alexander L., assignor.)

Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)

United Carr-Fastener Corporation. (See Churchill, Wilmer H., assignor.)

United-Carr Fastener Corporation. (See Clark, Ernest, assignor.)

United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)

United-Carr Fastener Corporation. (See Upham, Preston, assignor.)

United Shoe Machinery Corporation. (See Bradbury, Albert W., assignor.)

United Shoe Machinery Corporation. (See Dyer, Newell V., assignor.)

United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)

United Shoe Machinery Corporation. (See Porter, Albert L., assignor.)

United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)

United States Pipe and Foundry Company. (See Russell, N. F. S., Langenberg, and Hunt, assignors.)

U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)

United States Steel Corporation. (See Queneau, Bernard R., assignor.)

Universal Form Clamp Co. (See Lord, Chester A., assignor.)

Upham, Preston, Newton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening means for bag frames and the like. 2,128,736; Aug. 30.

Vagenius, Nils H. (See Frye, R., and Vagenius.)

Van Peski, Adrianus J., and W. Coltof, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Lubricant composition. 2,128,574; Aug. 30.

Van Veen, Anton, West Hartford, Conn. Drilling machine. 2,128,518; Aug. 30.

Vaughn, Frank J., assignor of one-fourth to J. R. Vaughn, Erie, Pa. Lathe type milling machine. 2,128,625; Aug. 30.

Vaughn, James R. (See Vaughn, Frank J., assignor.)

Vedoe, Anton M., Wollaston, Mass., assignor, by mesne assignments, to Robertshaw Thermostat Company, Youngwood, Pa. Oven regulator. 2,128,785; Aug. 30.

Velz, Clarence J., Watchung, N. J. Treatment of water and sewage. 2,128,569; Aug. 30.

Venmore, James A. J., London, England. Carrying golf clubs. 2,128,546; Aug. 30.

Vernay Patents Company. (See Vernet, Sergius, assignor.)

Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Control device and actuating means therefor. 2,128,274; Aug. 30.

Visser, Regnerus J. I., Amsterdam, Netherlands. Hydraulic shock absorber. 2,128,626; Aug. 30.

Vogel, Max, Frankfort-on-the-Main, Germany. Combined letter sheet and envelope. 2,128,275; Aug. 30.

Vogel, Max, Frankfort-on-the-Main, Germany. Producing wire staples. 2,128,443; Aug. 30.

Vogt, Clarence, Wenonah, N. J. Roller skate. 2,128,865; Aug. 30.

Vogt, Robert, Geneva, Ill. Faucet. 2,128,627; Aug. 30.

Voight, August L. (See Bloch, Leon, assignor.)

Vollmann, Heinrich, Frankfort-on-the-Main-Hochst, and H. Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chrysene carboxylic acids and preparing them. 2,128,684; Aug. 30.

Von Manteuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. Control device. 2,128,682; Aug. 30.

Von Szeszich, Lajos, Frankfort-on-the-Main, Germany. Apparatus for producing high quality carbon black. 2,128,440; Aug. 30.

Vroonen, Emile, Brussels, Belgium. Purification of molten metals. 2,128,444; Aug. 30.

Wahlberg, Oscar. (See Holmstrom, A. B., and Wahlberg.)

Wakeman, John E., assignor of one-fourth to G. C. Preston, Dallas, Tex. Rotary compressor. 2,128,866; Aug. 30.

Walker, Eric E. (See Fawcett, E. W., and Walker.)

Wallis, Cyril T., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Instrument dial illumination. 2,128,339; Aug. 30.

Wallis, Lionel S., Tyseley, Birmingham, England. Spring assembly for mattresses and upholstery. 2,128,566; Aug. 30.

Walter, Luther M., et al., trustee. (See Atherton, Howard B., assignor.)

Walworth Patents, Inc. (See Stenwall, Alfred, assignor.)

Warren, Virgil P., Atlanta, Ga. Dehydrating and defrosting showcase refrigerator. 2,128,386; Aug. 30.

Waterbury Tool Company, The. (See Thompson, Edward A., assignor.)

Watts, John S., East Orange, N. J. Reagent feeder. 2,128,721; Aug. 30.

Wayne, Edward R. (See Kahn, F., and Wayne.)

Weaver Manufacturing Company. (See Squyer, Albert R., assignor.)

Weed, Walter A., Orlando, Fla. Grinding machine. 2,128,762; Aug. 30.

Weeks, Arnold N. (See Bemis, F. G., and Weeks.)

Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Brake. 2,128,387; Aug. 30.

Weihe, Frederick A., Jr. (See Whitlark, C. H. F., and Weihe.)

Weisberg, Samuel M. (See Myers, R. P., and Weisberg.)

Weiss, Abraham and J., New York, N. Y. Telephone pay station. 2,128,337; Aug. 30.

Weiss, Joseph. (See Weiss, Abraham and J.)

Weller, Frank E., Bloomfield, N. J., assignor to Trans-Lux Corporation. Web feeding mechanism. 2,128,867; Aug. 30.

Weller, Frank E., Bloomfield, N. J., assignor to Trans-Lux Corporation. Web feeding mechanism. 2,128,868; Aug. 30.

Wells-Gardner & Company. (See Owens, Orville R., assignors.)

Wells, Walter T., Glendale, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Multiple conductor wire rope. 2,128,547; Aug. 30.

Werner, Karl, Mainz-Mombach, Germany. Producing stable solutions of cellulose triacetate. 2,128,340; Aug. 30.

Wertz, Louis S., Shaker Heights, Ohio. Reinforcing concrete patch. 2,128,480; Aug. 30.

Western Electric Company, Incorporated. (See Seeley, George A., assignor.)

Western State Machine Company, The. (See Roberts, Eugene, assignor.)

Western Union Telegraph Company, The. (See Drenkard, Adam, Jr., assignor.)

Western Union Telegraph Company, The. (See Light, George G., assignor.)

Westinghouse Electric & Manufacturing Company. (See Tull, R. H., and Tanner, assignors.)

Westinghouse Electric & Manufacturing Company. (See Young, D. A., and MacGahan, assignors.)

Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Combination screening and scrubbing apparatus. 2,128,276; Aug. 30.

Whelan, George, assignor of one-half to F. J. Lasar, San Francisco, Calif. Typewriter ribbon guide. 2,128,510; Aug. 30.

White, Albert G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting explosive cartridge or borehole charge. 2,128,576; Aug. 30.

White, Clarence B., Philadelphia, Pa. Recovery of metals from scrap and metallurgical residues. 2,128,548; Aug. 30.

Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Colored organic derivatives of cellulose and making same. 2,128,338; Aug. 30.

Whitlark, Claude H. F., and F. A. Weihe, Jr., assignors to McAleer Manufacturing Company, Detroit, Mich. Auto body heater. 2,128,763; Aug. 30.

Wickersham, Elmer E., San Leandro, Calif. Loudspeaker construction. 2,128,722; Aug. 30.

Wide World Photos, Inc. (See Cooley, Austin G., assignor.)

Wiener, Norbert. (See Lee, Y. W., and Wiener.)

Willcox & Gibbs Sewing Machine Company. (See Dowd, Charles W., assignor.)

Williams, Alfred O. (See Burrows, R. J., and Williams.)

Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Motor driven device and means for controlling same. 2,128,598; Aug. 30.

Williams, Harry M., and A. J. Timmer, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,388; Aug. 30.

Williams, Morgan, Worcester, England. Aerating device for use in the production of acetic acid from alcohol. 2,122,445; Aug. 30.

Wilson, Alexander L., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of saturated morpholine alkanol-alkyl ethers. 2,128,887; Aug. 30.

Wilson, Ralph W., New York, and B. F. Cahoon, Forest Hills, assignors to Captive Closures, Inc., New York, N. Y. Dispensing package for liquids. 2,128,567; Aug. 30.

Winborne, Russell A., Oak Park, Ill., assignor to Edison General Electric Appliance Company, Inc. Temperature control device. 2,128,869; Aug. 30.

Wing, Joseph S., Springville, Utah. Dirigible locomotive headlight. 2,128,765; Aug. 30.

Winthrop Chemical Company. (See Bockmühl, M., and Stein, assignors.)

Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,128,568; Aug. 30.

Wirth, Walter V. (See Biswell, C. B., and Wirth.)

Woelfel, Harold M., assignor to The Robert Mitchell Company, Limited, Montreal, Canada. Window frame construction. 2,128,870; Aug. 30.

Wong, Alice T., Honolulu, Territory of Hawaii. Stitch and work holder for knitting needles. 2,128,871; Aug. 30.

Woodruff, Louis F., Wellesley, Mass. Device for decoding records. 2,128,446; Aug. 30.

Worobjoff, Ilija, Wilmersdorf, Berlin, assignor of one-half to K. Franke, Berlin, Germany. Toy balloon. 2,128,628; Aug. 30.

Worobjoff, Ilija, Steglitz, Berlin, assignor of one-half to K. Franke, Berlin, Germany. Toy balloon. 2,128,629; Aug. 30.

Worth Company, The. (See Nampa, S. M., and Japinga, assignors.)

Wright, David M., Agricola, Fla., assignor to Industrial Patents Corporation, Chicago, Ill. Reagent mixer. 2,128,447; Aug. 30.

Wright, Jesse M., Claysburg, Pa. Press for flattening tin cans. 2,128,630; Aug. 30.

Wright, La Moine, Akron, Ohio. Drinking straw. 2,128,448; Aug. 30.

Yanchenko, Basil J. (See Peter, W. J., and Yanchenko.)

Yates, Wallace J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Carbon and gum remover. 2,128,685; Aug. 30.

Young, Douglass A., East Orange, and P. MacGahan, Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable mounting for instruments. 2,128,277; Aug. 30.
Young, John L., Pittsburgh, and A. C. Jephson, Johnstown, Pa., assignors to National Radiator Corporation. Producing a deep drawn article of sheet iron. 2,128,389; Aug. 30.
Zahn, Otto E., West Bend, Wis. Meat-tenderizing machine. 2,128,872; Aug. 30.
Zalkind, Philip, New York, N. Y. Container. 2,128,341; Aug. 30.
Zalkind, Philip, New York, N. Y. Container. 2,128,342; Aug. 30.
Zerilli, Marius, South Ozone Park, assignor to H. R. Singer, Brooklyn, N. Y. Imitation cloisonné and making the same. 2,128,390; Aug. 30.
Zettler, William F., South Ozone Park, N. Y. Package handle. 2,128,723; Aug. 30.
Zier, Edward M., Jr., et al. (See Zier, Edward M., assignor.)
Zier, Edward M., assignor of one-half to K. B. and E. M. Zier, Jr., New Albany, Ind. Combination wallboard and insulating material. 2,128,549; Aug. 30.
Zier, Kozine B., et al. (See Zier, Edward M., assignor.)
Zint, George, Wapakoneta, Ohio. Electric fan. 2,128,724; Aug. 30.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 30TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Banner, Aerial. M. S. Du Pont. Re. 20,840; Aug. 30.
Connection, Resilient. A. P. Armington. Re. 20,837; Aug. 30.
Drain, Hose coupling. S. M. Meyer. Re. 20,842; Aug. 30.
Fluids, Apparatus for mixing. C. G. Wall. Re. 20,836; Aug. 30.
Hair, Apparatus for the waving of the. F. O. Conill. Re. 20,839; Aug. 30.
Oils, Process of bleaching. B. Clayton and B. H. Thurman. Re. 20,838; Aug. 30.
Undergarment, Reenforced ventilated. H. M. McDonald. Re. 20,841; Aug. 30.

LIST OF PLANT INVENTIONS

Rose. H. Hofmann. 286; Aug. 30.
Rose. M. H. Horvath. 287–8; Aug. 30.
Rose plant. J. N. Meadowcroft. 289; Aug. 30.

LIST OF DESIGN INVENTIONS

Ashtray and match box holder, Combination. M. Secan. 111,110; Aug. 30.
Automobile and radio antenna, Combined. G. Snyder. 111,111–2; Aug. 30.
Bag, Beach. F. N. Lewis. 111,079; Aug. 30.
Bottle. N. F. Steuer. 111,091; Aug. 30.
Bracelet chain or similar article. O. Placco. 111,086; Aug. 30.
Brooch, Separable. O. Placco. 111,087; Aug. 30.
Cap, Container. G. Wilmet. 111,099; Aug. 30.
Cap for a jar or the like, Closure. W. P. White. 111,097; Aug. 30.
Carpet or similar article. W. Brown. 111,117; Aug. 30.
Case, Display. R. E. Ottenheimer. 111,082; Aug. 30.
Casing for combined washing machine and drier. J. R. Morgan. 111,109; Aug. 30.
Coat. L. Glinn. 111,075; Aug. 30.
Comb, Curling. D. D. Whyte. 111,122; Aug. 30.
Compact, Transparent cosmetic. A. R. Botham. 111,061; Aug. 30.
Container and base therefor, Combined. R. H. Arbib. 111,104; Aug. 30.
Cover for a cooking vessel or similar article. A. L. Langel. 111,078; Aug. 30.
Cover for hot water bottle. A. Culverwell. 111,123; Aug. 30.
Cuff link. E. L. Anderson. 111,057; Aug. 30.
Desk and seat, Combined. C. T. Anderson. 111,058; Aug. 30.
Dish or similar article. P. L'Anglais. 111,077; Aug. 30.
Doll, Monkey. E. Valentine. 111,113; Aug. 30.
Dress. L. Berger. 111,059; Aug. 30.
Dress. S. Chapman. 111,062–6; Aug. 30.
Dress. A. Cohen. 111,068–70; Aug. 30.
Dress. M. Extract. 111,071–2; Aug. 30.
Dress. J. Tuman. 111,121; Aug. 30.
Fabric for upholstery, Textile. C. P. Majer. 111,125; Aug. 30.
Fabric, Knitted. J. Minoff. 111,081; Aug. 30.
Fabric or similar article, Textile. A. Hafner. 111,124; Aug. 30.
Fabric or similar article, Textile. M. Turpan. 111,093; Aug. 30.
Fabric or similar article, Textile. A. Zavell. 111,102; Aug. 30.
Fabric, Textile. G. Bischof. 111,116; Aug. 30.
Fabric, Textile. W. Cohen. 111,067; Aug. 30.
Fabric, Textile. W. T. Simonton, Jr. 111,089; Aug. 30.
Fabric, Textile. D. S. Smith. 111,090; Aug. 30.
Game board. C. A. Anderson. 111,103; Aug. 30.
Game device. A. C. MacDonald. 111,108; Aug. 30.
Guard, Radiator. J. Walker. 111,114; Aug. 30.
Hair waving device. M. Wideman. 111,098; Aug. 30.
Hosiery dispensing machine. R. C. Hopkins. 111,107; Aug. 30.
Knife. H. L. Fischer. 111,073–4; Aug. 30.
Lace. H. A. Philips. 111,084–5; Aug. 30.
Lamp, telephone stand, and desk unit, Combined. F. G. Thomas, Jr. 111,120; Aug. 30.
Mower, Lawn. R. D. Clemson. 111,106; Aug. 30.
Nail, Decorative. B. Salzberg. 111,088; Aug. 30.
Ornament or similar article, Dress. L. Merkler. 111,080; Aug. 30.
Piano, Upright. E. Worthington. 111,101; Aug. 30.
Powder puff or similar article. A. Bernstein. 111,060; Aug. 30.
Scarf or similar article, Lace. H. A. Philips. 111,083; Aug. 30.
Shelf unit, Portable refrigerator individual ice cream. G. B. Hume. 111,076; Aug. 30.
Shoe. D. Levin. 111,118; Aug. 30.
Shoe. B. L. Wales. 111,095; Aug. 30.
Shoe. B. Weiner. 111,096; Aug. 30.
Signal, Vehicle direction. E. F. Woodworth. 111,100; Aug. 30.
Slipper. I. Berman. 111,115; Aug. 30.
Stamp or similar article, Tax. D. M. Turner. 111,092; Aug. 30.
Swing. F. L. Stotler. 111,119; Aug. 30.
Trunk or similar article, Convertible. W. J. Begg. 111,105; Aug. 30.
Wrench or similar article. J. M. Vallone. 111,094; Aug. 30.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 30TH DAY OF AUGUST, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acid manufacture, Phthalic. D. A. Rogers and E. W. Bowen. 2,128,323; Aug. 30.
Acids and preparing them, Chrysene carboxylic. H. Vollmann and H. Becker. 2,128,684; Aug. 30.
Acids of pyrazoloneamines and preparing them, Free methane-sulphonic. M. Bockmühl and L. Stein. 2,128,512; Aug. 30.
Actuating mechanism for stop motions. L. A. Runton. 2,128,476; Aug. 30.
Adjustable lamp. R. W. Johnson. 2,128,461; Aug. 30.
Aerating device for use in the production of acetic acid from alcohol. M. Williams. 2,128,445; Aug. 30.
Air conditioner and furnace, Combined. W. L. Hager. 2,128,245; Aug. 30.
Aircraft machinery. R. Anxionnaz. 2,128,789; Aug. 30.
Air, Method and apparatus for separating. W. L. De-Baufre. 2,128,692; Aug. 30.
Airplane propeller. M. Leff. 2,128,780; Aug. 30.
Alkyl ethers, Production of saturated morpholine alkanol. A. L. Wilson. 2,128,887; Aug. 30.
Alloy. E. M. Prosen. 2,128,847; Aug. 30.
Amine hydriodides. F. B. Fisk. 2,128,741; Aug. 30.
Amino derivatives of anthraquinone, Manufacture of. G. Lord and G. Reeves. 2,128,307; Aug. 30.
Amplifier, Variable. H. Bartels. 2,128,553; Aug. 30.
Animal tail wagging device. H. Rubenstein. 2,128,326; Aug. 30.
Animal trap. F. W. Corey. 2,128,579; Aug. 30.
Animal trap. A. Fabian. 2,128,808; Aug. 30.
Antenna device. A. B. Baylis. 2,128,554; Aug. 30.
Anticorrosion process for zinc base castings. J. T. Ford. 2,128,550; Aug. 30.
Antiskid attachment. E. Granger. 2,128,458; Aug. 30.
Arc converter. E. Marx and H. Buchwald. 2,128,884; Aug. 30.
Arch support for shoes. L. W. Chelmo. 2,128,402; Aug. 30.
Article of sheet iron, Producing a deep drawn. J. L. Young and C. Jephson. 2,128,389; Aug. 30.
Articles, Apparatus for forming pulp. E. Huff and A. Kelding. 2,128,745; Aug. 30.
Articles, Coloring molded. A. M. Howald. 2,128,533; Aug. 30.
Articles, Method and apparatus for manufacturing thin rubber. F. L. Killian. 2,128,827; Aug. 30.
Articles of organic fibrous materials, Manufacturing non-inflammable. B. Müller. 2,128,752; Aug. 30.
Asphalt in solvent refinement of petroleum substances, Producing. J. W. Poole. 2,128,885; Aug. 30.
Auto body heater. C. H. F. Whitlark and F. A. Weihe, Jr. 2,128,763; Aug. 30.
Automobile vehicle, Streamlined. J. E. Andreau. 2,128,686; Aug. 30.
Azodyestuffs. R. Stusser and F. Muth. 2,128,508; Aug. 30.
Bag: *See*—
Open-mesh bag.
Barrel construction. R. C. Ingersoll. 2,128,297; Aug. 30.
Basket liner. D. O. Lane. 2,128,653; Aug. 30.
Bathtub. E. W. Marshall. 2,128,424; Aug. 30.
Battery clamp. W. Pierpoint. 2,128,888; Aug. 30.
Bearing: *See*—
Cooled bearing. Roller bearing.
Packless bearing.
Bed pan container, Sanitary. C. W. Beamer. 2,128,669; Aug. 30.
Bed structure for trailers, Convertible. E. E. Hills. 2,128,415; Aug. 30.
Bending brake. S. Goodman. 2,128,295; Aug. 30.
Bending machine. D. A. Lyons. 2,128,620; Aug. 30.
Bias cutting and wind-up apparatus. F. and H. Gerstein. 2,128,481; Aug. 30.
Blade supporting means. G. Monnet. 2,128,259; Aug. 30.
Block: *See*—
Tuyère block.
Bond for mineral or rock wool. A. H. Fessler. 2,128,290; Aug. 30.
Bottle, Nonrefillable. E. Halpern. 2,128,558; Aug. 30.
Box: *See*—
Switch box.
Box structure, Post office. F. E. Sagendorph, 2nd, and C. E. Baittinger. 2,128,854; Aug. 30.
Brake. W. G. Wehr. 2,128,387; Aug. 30.
Brake lever construction. H. S. Jandus. 2,128,298; Aug. 30.
Brake shoe for typesetting machines. R. J. Lloyd. 2,128,370; Aug. 30.
Braking and ejecting mechanism. C. Huenlich. 2,128,646; Aug. 30.
Braun tube. E. Ruska. 2,128,597; Aug. 30.

Briquette press. W. C. Goss. 2,128,241; Aug. 30.
Brooch, Separable. H. L. Pulver. 2,128,319; Aug. 30.
Brooder stove regulator. H. E. Koenig. 2,128,829; Aug. 30.
Brush. E. D. Horne. 2,128,822; Aug. 30.
Building construction. R. B. Millard. 2,128,375; Aug. 30.
Building material. J. T. Rocque. 2,128,540; Aug. 30.
Burner. F. W. Ofeldt. 2,128,264; Aug. 30.
Bust suspensor. L. Bergmann. 2,128,600; Aug. 30.
Cabinet: *See*—
Thread spool cabinet.
Cable: *See*—
Multiconductor signaling cable.
Cable plug. J. J. Harley. 2,128,412; Aug. 30.
Canopy, Platform. A. G. Roach. 2,128,539; Aug. 30.
Cantilever construction for mine or similar rail cars, Transverse. H. W. Sanford. 2,128,271; Aug. 30.
Cap: *See*—
Connecter end cap.
Capacitor for polyphase circuits. J. D. Stacy. 2,128,857; Aug. 30.
Car coupling device. R. J. Burrows and A. O. Williams. 2,128,397; Aug. 30.
Car loading device. S. M. Nampa and S. C. Japinga. 2,128,376; Aug. 30.
Carbon and gum remover. W. J. Yates. 2,128,685; Aug. 30.
Carbon black, Apparatus for producing high quality. L. von Szeszich. 2,128,440; Aug. 30.
Carbon monoxide manufacture. L. L. Newman. 2,128,262; Aug. 30.
Card or the like, Address. E. T. B. Bey. 2,128,793; Aug. 30.
Carrier signaling system. A. G. Cooley. 2,128,801; Aug 30.
Carrier wave modulation system. N. H. Clough and E. Green. 2,128,285; Aug. 30.
Case: *See*—
Vanity case.
Case for lipstick or similar article. J. Fouinat. 2,128,515; Aug. 30.
Cartridge or borehole charge, Blasting explosive. A. G. White. 2,128,576; Aug. 30.
Case hardening. B. R. Queneau. 2,128,621; Aug. 30.
Cashew nut shell liquid, Treating. M. T. Harvey and F. M. Damitz. 2,128,247; Aug. 30.
Cellulose triacetate, Producing stable solutions of. K. Werner. 2,128,340; Aug. 30.
Cementitious mixtures, Method and apparatus for treating. T. C. Knight. 2,128,779; Aug. 30.
Centrifugal switch. G. S. Moore and E. G. Streckfuss. 2,128,841; Aug. 30.
Chain device, Skid. E. E. Davis. 2,128,286; Aug. 30.
Chair. R. Burns and H. H. Hayward. 2,128,522; Aug. 30.
Chart and making the same, Color. H. E. Ives. 2,128,676; Aug. 30.
Chart calculating machine. J. B. McGay. 2,128,834; Aug. 30.
Chart clamp. M. O. Snediker. 2,128,541; Aug. 30.
Chemical reactions, Carrying out. A. T. Mertes. 2,128,311; Aug. 30.
Cigarette roller. E. Hey. 2,128,248; Aug. 30.
Circuit: *See*—
Power transfer circuit. Ultrashort wave circuit.
Superheterodyne receiver circuit.
Circuit breaker system, Automatic reclosing. S. B. Crary. 2,128,802; Aug. 30.
Circuit breaker system, Automatic reclosing. F. A. Hamilton, Jr., and E. H. Bancker. 2,128,816; Aug. 30.
Circuit controlling device. H. L. Mekelburg. 2,128,373; Aug. 30.
Circuits, Automatic frequency control. D. E. Foster 2,128,642; Aug. 30.
Circuits, Thermionic valve. R. I. Kinross and W. J. Brown. 2,128,649; Aug. 30.
Clamp: *See*—
Battery clamp. Chart clamp.
Clamping pin device for smoothing and tightening fabrics for cutting goods for clothing. A. Prati. 2,128,758; Aug. 30.
Clay materials, Treating raw. H. C. Rafetto. 2,128,848; Aug. 30.
Cleaner: *See*—
Sewer cleaner. Vacuum cleaner.
Cleaner control mechanism, Windshield. E. C. Horton. 2,128,878; Aug. 30.

Cloisonné and making the same, Imitation. M. Zerilli. 2,128,390; Aug. 30.
Closure. A. J. Lentine. 2,128,752; Aug. 30.
Cloth finishing machine. C. G. Richardson. 2,128,377; Aug. 30.
Cloth measuring and yardage printing device. H. H. Kramer. 2,128,709; Aug. 30.
Clothes hanger. E. G. Redin. 2,128,596; Aug. 30.
Coal within oven chambers, Apparatus for charging and compressing loosely charged. C. Still. 2,128,438; Aug. 30.
Coiling machine. W. S. Adams. 2,128,278; Aug. 30.
Coin and bill receptacle. E. Cardone. 2,128,399; Aug. 30.
Coin time switch. J. H. Stark. 2,128,858; Aug. 30.
Comb, Sanitary. R. W. Davis. 2,128,287; Aug. 30.
Compass, Gyroscopic. W. G. Harding and R. H. Nisbet. 2,128,559; Aug. 30.
Composition. N. J. Dunbeck. 2,128,404; Aug. 30.
Composition for use in prevention of corrosion of metal surfaces. A. W. Burwell. 2,128,523; Aug. 30.
Compounds containing the aetiocholane ring, Producing unsaturated. L. Ruzicka and L. Ehmann. 2,128,622; Aug. 30.
Compressor, Rotary. J. E. Wakeman. 2,128,866; Aug. 30.
Concrete patch, Reinforcing. L. S. Wertz. 2,128,480; Aug. 30.
Condenser system for nappers, Return air. H. W. Knowlton. 2,128,366; Aug. 30.
Connecter end cap. A. C. Lusher. 2,128,832; Aug. 30.
Contact device for clocks driven by electric motors. F. Schneider. 2,128,563; Aug. 30.
Container: *See*—
Bed pan container.
Container. P. Zalkind. 2,128,341–2; Aug. 30.
Container car, Shockproof removable. W. P. Kellett. 2,128,364; Aug. 30.
Control circuit. J. J. Root. 2,128,324; Aug. 30.
Control device. G. Z. von Manteuffel. 2,128,682; Aug. 30.
Control device and actuating means therefor. S. Vernet. 2,128,274; Aug. 30.
Control for tire molds and the like, Automatic. W. J. Kerr. 2,128,417; Aug. 30.
Control mechanism. E. O. Schjolin. 2,128,328; Aug. 30.
Control method and apparatus. O. Scharpf. 2,128,378; Aug. 30.
Control system, Automatic. F. A. Faust. 2,128,406; Aug. 30.
Control valve. G. A. Speits. 2,128,436; Aug. 30.
Conveyer. R. P. Rasmussen. 2,128,594–5; Aug. 30.
Conveyer, Extensible portable. J. R. Madeira. 2,128,309; Aug. 30.
Cooled bearing. A. H. Jung. 2,128,826; Aug. 30.
Cooler: *See*—
Liquid cooler.
Cooler. L. Bloch. 2,128,344; Aug. 30.
Copyholder for typewriters and office machines. P. Kobler. 2,128,304; Aug. 30.
Cord and making the same, Cellulosic. M. Katz. 2,128,302; Aug. 30.
Cork, Composition. K. M. Irey and L. M. Debing. 2,128,880; Aug. 30.
Corn pad. S. M. Edison. 2,128,695; Aug. 30.
Cornerpiece. J. J. Hubschman. 2,128,824; Aug. 30.
Coupling. J. S. Donaldson. 2,128,803; Aug. 30.
Coupling device. J. S. Donaldson. 2,128,804; Aug. 30.
Coupling for metal tubing. S. Guarnaschelli. 2,128,459; Aug. 30.
Cover and applying same, Spring. W. F. Eisenhauer. 2,128,238; Aug. 30.
Covering, Hand. R. Bohm-Myro. 2,128,796; Aug. 30.
Crankshaft chuck. W. F. Groene. 2,128,359; Aug. 30.
Cream, Increasing the viscosity of. A. L. Steckelberg and J. Broadhurst. 2,128,565; Aug. 30.
Cutter: *See*—
Inserted blade cutter.
Cyanides, Melting. D. A. Holt. 2,128,819; Aug. 30.
Dam. J. D. Madaras. 2,128,657; Aug. 30.
Dehumidifier. R. H. Folsom. 2,128,641; Aug. 30.
Device for decoding records. L. F. Woodruff. 2,128,446; Aug. 30.
Device for operating land mines and the like by the passage of tanks or other vehicles. N. E. Methlin. 2,128,839; Aug. 30.
Dial illumination, Instrument. C. T. Wallis. 2,128,339; Aug. 30.
Dish. R. E. Lumpkin. 2,128,371; Aug. 30.
Dispenser: *See*—
Liquid dispenser. Powder dispenser.
Measured quantity dispenser.
Display device. H. H. Johnson. 2,128,587; Aug. 30.
Display rack. W. R. Minton. 2,128,493; Aug. 30.
Distillation, Fractional short-path. R. G. J. Fraser. 2,128,223; Aug. 30.
Door closer. D. J. Bissell. 2,128,633; Aug. 30.
Door for automobiles. W. L. Morrison. 2,128,260; Aug. 30.
Door latch. O. Stinson. 2,128,439; Aug. 30.
Drain, Tubing. N. H. Armstrong. 2,128,520; Aug. 30.
Driers, Manufacturing. R. Priester. 2,128,732; Aug. 30.
Drill. R. Foster. 2,128,240; Aug. 30.
Drilling apparatus. J. L. Reilly. 2,128,321; Aug. 30.
Drilling machine. A. Van Veen. 2,128,518; Aug. 30.
Drive, Constant mesh variable speed gear. C. Schlosser, Jr. 2,128,477; Aug. 30.
Driving means for centrifugal machines. E. Roberts. 2,128,575; Aug. 30.
Drying apparatus. J. Ettl. 2,128,697–8; Aug. 30.
Duplicating machine. C. H. Bradt. 2,128,283; Aug. 30.
Dyestuffs and preparing them, Copper containing monoazo. F. L. Rose. 2,128,325; Aug. 30.
Dyestuffs and preparing them, Vat. W. Eckert and E. Fischer. 2,128,514; Aug. 30.
Dyestuffs, Azo. H. Krzikalla, H. Ufer, B. Eistert, and G. Klaproth. 2,128,255–6; Aug. 30.
Dyestuffs, Disazo. J. S. Petrus-Blumberger. 2,128,537; Aug. 30.
Elastic fabric. H. A. and M. E. Smith. 2,128,764; Aug. 30.
Electric discharge device, Vapor. L. Tonks. 2,128,861–2; Aug. 30.
Electric impulses, System of optically reproducing. R. D. Eaton. 2,128,631; Aug. 30.
Electric motor. M. Surjaninoff. 2,128,544; Aug. 30.
Electrical network system. Y.-W. Lee and N. Wiener. 2,128,257; Aug. 30.
Electrical plug. G. H. Burt. 2,128,883; Aug. 30.
Electrical switch. R. Popp. 2,128,731; Aug. 30.
Electrode holder. V. J. Chapman. 2,128,799; Aug. 30.
Electron multipliers, Operating. P. T. Farnsworth. 2,128,580; Aug. 30.
Electron tube. W. Dällenbach. 2,128,232–4; Aug. 30.
Electron tube. J. Richter, B. Hensel, and K. Hess. 2,128,759; Aug. 30.
Electronic device. K. Diels. 2,128,639; Aug. 30.
Electronic device. R. D. Eaton. 2,128,632; Aug. 30.
Electroplating by hand, Apparatus for. M. Schlötter. 2,128,331; Aug. 30.
Elevation and slope indicator. A. Turrian. 2,128,863; Aug. 30.
Engine: *See*—
Internal combustion engine.
Engraving and allied machine. P. M. Henkes. 2,128,611; Aug. 30.
Envelope. M. Kahn. 2,128,748; Aug. 30.
Epicycle engine. J. Schlitz. 2,128,330; Aug. 30.
Eraser. G. H. Daviau. 2,128,524; Aug. 30.
Evaporator. E. Nibbs. 2,128,469; Aug. 30.
Exercising machine W. A. Schollmeyer. 2,128,332; Aug. 30.
Fabric: *See*—
Elastic fabric.
Fabric, Producing imitation reed. W. E. Sackner and J. E. Millett. 2,128,664; Aug. 30.
Fabric, Producing rubber coated. E. A. Murphy. 2,128,312; Aug. 30.
Fabrics, Treating. C. T. Graham. 2,128,516; Aug. 30.
Facing for retaining structures and forming same. R. T. Logeman. 2,128,681; Aug. 30.
Fan, Electric. G. Zint. 2,128,724; Aug. 30.
Fastener and fastener installation. H. J. Murphy. 2,128,729; Aug. 30.
Fastener attaching means. P. E. Fenton. 2,128,640; Aug. 30.
Fastener for doors and windows. R. B. Taylor. 2,128,479; Aug. 30.
Fastener installation and fastener for the same. W. H. Churchill. 2,128,725; Aug. 30.
Fastener member and fastener installation. H. J. Murphy. 2,128,730; Aug. 30.
Fastening. C. G. Olson. 2,128,757; Aug. 30.
Fastening means for bag frames and the like. P. Upham. 2,128,736; Aug. 30.
Faucet. R. T. Cornelius. 2,128,351; Aug. 30.
Faucet. R. Vogt. 2,128,627; Aug. 30.
Faucet sealing device H. Hughes. 2,128,674; Aug. 30.
Feed apparatus for gas engines. G. S. Maslen. 2,128,711; Aug. 30.
Feeder: *See*—
Reagent feeder.
Feeder. G. S. Smith. 2,128,501; Aug. 30.
Ferro-manganese, Production of. A. Krus and H. Steffe. 2,128,615; Aug. 30.
Film and clip for reels, Motion picture. J. S. MacDonald. 2,128,710; Aug. 30.
Filter: *See*—
Rechargeable filter.
Firearms sighting device. F. M. Eslick. 2,128,526; Aug. 30.
Fireworks. J. Hasium. 2,128,586; Aug. 30.
Fish-scaling machine. S. M. Godfrey. 2,128,607; Aug. 30.
Fishing device. C. R. Parker. 2,128,315; Aug. 30.
Fishing tool. E. E. Pryor. 2,128,430; Aug. 30.
Flameproofing composition. C. M. Albion. 2,128,392; Aug. 30.
Flashlight and tester, Combined. C. E. Fortine. 2,128,810; Aug. 30.
Flocking. F. L. Foster. 2,128,811; Aug. 30.
Floor construction, Steel. F. Lienhard. 2,128,753; Aug. 30.
Fluid control valve. E. W. Davis. 2,128,636; Aug. 30.
Fluid from drill pipe, Method and apparatus for releasing. T. A. Creighton. 2,128,352; Aug. 30.
Fluid proportioning and mixing apparatus. J. R. Clemmons. 2,128,452; Aug. 30.

Fluids, Method of and apparatus for treatment of. K. B. Allen. 2,128,393; Aug. 30.
Flying machine. G. F. Myers. 2,128,261; Aug. 30.
Footwear, Manufacture of stitched and cemented. F. Holland. 2,128,774; Aug. 30.
Frequency control system, Automatic. G. Mountjoy and D. E. Foster. 2,128,661; Aug. 30.
Friction bolster spring. D. F. Sproul. 2,128,503; Aug. 30.
Fryer and the like, Electric deep grease. W. B. Blake. 2,128,738; Aug. 30.
Furnace. I. B. Holtz. 2,128,820; Aug. 30.
Furniture, Folding article of. J. Kovats. 2,128,465; Aug. 30.
Fuse for projectiles. N. E. Methlin. 2,128,838; Aug. 30.
Fused switch, Combination. E. G. Johansson. 2,128,647; Aug. 30.
Game. C. C. Goertemiller. 2,128,608; Aug. 30.
Game apparatus. E. W. Larsson-Letzen. 2,128,419; Aug. 30.
Game, Pneumatically operated educational. M. L. and R. J. Burke. 2,128,690; Aug. 30.
Garment construction. I. B. Kay. 2,128,303; Aug. 30.
Garment, Foundation. H. Wipperman. 2,128,568; Aug. 30.
Garment hanger. R. Bernhardt. 2,128,219; Aug. 30.
Gas analyzing apparatus. A. F. Spitzglass, and G. W. Grisdale. 2,128,381; Aug. 30.
Gas conversion. H. B. Cooke. 2,128,220; Aug. 30.
Gas mixer. G. R. Adams. 2,128,519; Aug. 30.
Gases formed by the combustion of ammonia, Absorption, in highly concentrated nitric acid, of nitrous. T. Fischer. 2,128,527; Aug. 30.
Gate: *See*—
  Water gate.
Gauge: *See*—
  Pressure fluid gauge. Multiple drilling gauge.
Gauge device, Pressure. W. Pechy. 2,128,265; Aug. 30.
Gear: *See*—
  Hydraulic transmission gear.
Gear assembly, Steering. E. O. Schjolin. 2,128,329; Aug. 30.
Gearing. J. J. Guest. 2,128,815; Aug. 30.
Gearing, Automatic reverse. W. A. Reich. 2,128,715; Aug. 30.
Gearing for vehicles and the like, Transmission. I. Martelli. 2,128,425; Aug. 30.
Gearing, Variable ratio. F. Hejduk and J. Neumann. 2,128,413; Aug. 30.
Glass, Apparatus for and method of feeding molten. W. T. Honiss. 2,128,249; Aug. 30.
Glass, Glazing. F. Geistharp. 2,128,702; Aug. 30.
Golf clubs, Carrying. J. A. J. Venmore. 2,128,546; Aug. 30.
Governor, Speed. J. A. Martin. 2,128,875; Aug. 30.
Grader, Road. E. C. Iverson. 2,128,881; Aug. 30.
Grater, Cheese. A. Berarducci. 2,128,792; Aug. 30.
Grid, Resistance. M. A. Du Bois. 2,128,222; Aug. 30.
Grinder, Cylinder. J. M. Krohn and E. H. Simpson. 2,128,751; Aug. 30.
Grinding machine. F. C. Atwood. 2,128,226; Aug. 20.
Grinding machine. W. A. Weed. 2,128,762; Aug. 30.
Gripper for tractor-driven plows. A. G. Johnson. 2,128,300; Aug. 30.
Guide, Typewriter ribbon. G. Whelan. 2,128,510; Aug. 30.
Guide, Valve stem. F. B. Hewel. 2,128,414; Aug. 30.
Gun filler, Grease. R. Gunning. 2,128,529; Aug. 30.
Gun, Fine beam electron. B. C. Gardner. 2,128,581; Aug. 30.
Hair-stay cap. B. C. Glick. 2,128,358; Aug. 30.
Hand lubricator, High pressure. J. C. Morrow. 2,128,494; Aug. 30.
Handle: *See*—
  Package handle.
Handle for paper drinking cups, Detachable. A. Machotka. 2,128,466; Aug. 30.
Handle reinforcement for boxes. L. E. Swope. 2,128,509; Aug. 30.
Hanger: *See*—
  Clothes hanger. Garment hanger.
Hanger for plates and other articles. W. J. Grandman. 2,128,703; Aug. 30.
Harness, Crupper. J. K. Ottley. 2,128,498; Aug. 30.
Headlight, Dirigible locomotive. J. S. Wing. 2,128,765; Aug. 30.
Headlight tester. A. R. Squyer. 2,128,543; Aug. 30.
Heater: *See*—
  Auto body heater. Hot water heater.
Heater for steam radiators, Electric. F. A. Fogg. 2,128,809; Aug. 30.
Hemorrhoidal and rectal support. W. Bolder. 2,128,670; Aug. 30.
Holder: *See*—
  Electrode holder. Sack holder.
  License plate holder. Tool holder.
  Necktie holder.
Holder for knitting needles, Stitch and work. A. T. Wong. 2,128,871; Aug. 30.
Hollow bodies, Apparatus and process for the manufacture of. F. B. Hatebur. 2,128,705; Aug. 30.
Honing machine. W. P. Hunt and D. C. Eipper. 2,128,706; Aug. 30.
Hood, Folding. F. H. Redfern. 2,128,849; Aug. 30.
Hose. D. B. Gish. 2,128,814; Aug. 30.
Hot water heater. M. J. Morgan. 2,128,842; Aug. 30.
Hydraulic transmission gear. G. Klepper. 2,128,828; Aug. 30.
Hygrometer, Thermocouple. F. Kahn and E. R. Wayne. 2,128,462; Aug. 30.
Illumination control system, Electric. R. B. Hunter. 2,128,361; Aug. 30.
Impact wrench. F. H. Thomas. 2,128,761; Aug. 30.
Incineration. W. Raisch. 2,128,431; Aug. 30.
Incineration. W. Raisch. 2,128,472; Aug. 30.
Inclinometer. B. M. Staunton. 2,128,506; Aug. 30.
Indicating device. G. K. C. Hardesty. 2,128,246; Aug. 30.
Indicator: *See*—
  Elevation and slope indicator.
Indicator. F. C. La Mar. 2,128,418; Aug. 30.
Ink, Printing. A. E. Gessler. 2,128,672; Aug. 30.
Inking mechanism. C. W. Harrold and C. G. Horton. 2,128,360; Aug. 30.
Insecticidal composition. E. Rotheim. 2,128,433; Aug. 30.
Inserted blade cutter. F. P. Miller. 2,128,571; Aug. 30.
Insulation. S. F. Torstensson. 2,128,336; Aug. 30.
Insulator, Flux distributing. K. A. Hawley. 2,128,817; Aug. 30.
Internal combustion engine, Two-stroke. W. Schenker. 2,128,855; Aug. 30.
Invertase solution. E. R. Dawson. 2,128,605; Aug. 30.
Jacking attachment. M. Dwork. 2,128,806; Aug. 30.
Joint: *See*—
  Rail joint.
Keying attachment for typesetting machines and the like, Mechanical. K. Höper. 2,128,775; Aug. 30.
Knitting machine. G. Ball. 2,128,688; Aug. 30.
Knocker for oil presses, Cake. S. Sims. 2,128,856; Aug. 30.
Lamp: *See*—
  Adjustable lamp.
Lamp and arc, High intensity projector. T. O. Hall. 2,128,743; Aug. 30.
Lantern. R. A. Currie. 2,128,767; Aug. 30.
Latch: *See*—
  Door latch.
Latch operating means. G. D. Lindstrom and E. North. 2,128,535; Aug. 30.
Lens. R. T. and T. A. Killman. 2,128,365; Aug. 30.
Leveler, Land. R. D. Haycock and A. L. Turner. 2,128,532; Aug. 30.
Leveling device. P. S. Stevens. 2,128,273; Aug. 30.
License plate holder, Illuminated. V. E. Kiellan. 2,128,679; Aug. 30.
Life preserver. F. G. Manson. 2,128,423; Aug. 30.
Light filter composition, Ultraviolet. F. E. Stockelbach. 2,128,334; Aug. 30.
Lighting device. P. D. Phillips. 2,128,470; Aug. 30.
Lighting device. H. J. Spanner and U. Doering. 2,128,270; Aug. 30.
Liner. O. B. Andrews. 2,128,449–50; Aug. 30.
Liner, Flue. A. Kauffmann. 2,128,463; Aug. 30.
Liner for grinding mills, End. S. L. Miller. 2,128,468; Aug. 30.
Lining for brake shoes, Detachable. W. F. Merritt. 2,128,467; Aug. 30.
Liqueur and making same. A. Shapiro. 2,128,760; Aug. 30.
Liquid cooler. R. E. Billings. 2,128,794; Aug. 30.
Liquid cooler. R. H. Tull and E. C. Tanner. 2,128,784; Aug. 30.
Liquid dispenser. W. J. Peter and B. J. Yanchenko. 2,128,499; Aug. 30.
Liquid dispensing. B. Johnsen. 2,128,299; Aug. 30.
Liquid ejecting device. C. S. Kile. 2,128,254; Aug. 30.
Lock for gas cocks, Safety. M. P. Janisch. 2,128,362; Aug. 30.
Locking device. V. T. Julin. 2,128,825; Aug. 30.
Locking device. C. G. Olson. 2,128,429; Aug. 30.
Locomotive. R. G. F. Loewy and H. A. Nonemaker. 2,128,490; Aug. 30.
Loudspeaker construction. E. E. Wickersham. 2,128,722; Aug. 30.
Lubricant composition. A. J. van Peski and W. Coltof. 2,128,574; Aug. 30.
Lubricating apparatus. E. W. Davis. 2,128,637; Aug. 30.
Lubricating device. H. R. Tear. 2,128,382–3; Aug. 30.
Lubricating means for sewing machine loop-takers. W. Myers. 2,128,573; Aug. 30.
Lubricator: *See*—
  Hand lubricator.
Machine for operating upon soles. A. L. Porter. 2,128,318; Aug. 30.
Machine for producing wire strands. P. V. Hunter and H. Hill. 2,128,777; Aug. 30.
Machine for treating filled containers. N. P. Bach. 2,128,227; Aug. 30.
Machine for winding yarn and the like. C. Marsden. 2,128,787; Aug. 30.
Manifolding ribbon support. G. M. Sacerdote. 2,128,267; Aug. 30.
Mantle supporting means. C. W. Davis. 2,128,638; Aug. 30.

Marble game. F. H. King. 2,128,486; Aug. 30.
Massaging apparatus. H. C. Barbour. 2,128,790; Aug. 30.
Massecuite, Apparatus for mixing and conditioning. E. Roberts. 2,128,873; Aug. 30.
Material and making the same, Ceramic dielectric. W. Dubilier and J. Oppenheimer. 2,128,289; Aug. 30.
Material feeding machine. J. E. Johnson. 2,128,252; Aug. 30.
Material, Flotation. M. W. MacAfee. 2,128,570; Aug. 30.
Material for medicinal purposes ready for use, Method and apparatus for preserving sterile suture. E. Gelinsky. 2,128,701; Aug. 30.
Material handling apparatus. R. E. Briggs. 2,128,345; Aug. 30.
Material handling apparatus. C. S. Johnson. 2,128,778; Aug. 30.
Material, Resinous impregnating. K. M. Irey and L. M. Debing. 2,128,879; Aug. 30.
Material, Transparent coated sheet. E. M. Kratz, E. W. Moffett, and E. Gebauer-Fuelnegg. 2,128,652; Aug. 30.
Materials and products resulting therefrom, Treatment of cellulosic. W. H. Charch and D. B. Maney. 2,128,229; Aug. 30.
Materials, Manufacture of artificial. H. Dreyfus. 2,128,288; Aug. 30.
Materials, Molding plastic. E. T. Ferngren. 2,128,239; Aug. 30.
Materials, Treatment of fibrous. W. Kling and E. Götte. 2,128,613; Aug. 30.
Measured quantity dispenser. E. T. Strand and F. P. Colgan. 2,128,718; Aug. 30.
Measuring instrument. W. Berndt and H. E. Paul. 2,128,395; Aug. 30.
Meat, Apparatus for defrosting. G. A. Hormel. 2,128,728; Aug. 30.
Meat-tendering machine. O. E. Zahn. 2,128,872; Aug. 30.
Mechanical movement. H. E. Twomley. 2,128,545; Aug. 30.
Metal values, Method and apparatus for recovering. E. B. Myers. 2,128,313; Aug. 30.
Metals from scrap and metallurgical residues, Recovery of. C. B. White. 2,128,548; Aug. 30.
Metals, Purification of molten. E. Vroonen. 2,128,444; Aug. 30.
Meta-nitro-para-toluidine, Preparing. C. B. Biswell and W. V. Wirth. 2,128,511; Aug. 30.
Microscope. M. Berek. 2,128,394; Aug. 30.
Milk products, Treatment of. R. P. Myers and S. M. Weisberg. 2,128,845; Aug. 30.
Milling machine, Lathe type. F. J. Vaughn. 2,128,625; Aug. 30.
Mirror plating apparatus. W. Owen. 2,128,713–14; Aug. 30.
Mixer: *See*—
  Gas mixer. Reagent mixer.
Mixtures containing bituminous dispersions, Making. L. Kirschbraun. 2,128,464; Aug. 30.
Modulation system. R. H. George. 2,128,643; Aug. 30.
Molding, Pressure. A. M. Howald. 2,128,534; Aug. 30.
Molds, Method and apparatus for coating. N. F. S. Russell, F. C. Langenberg, and H. S. Hunt. 2,128,327; Aug. 30.
Motor: *See*—
  Electric motor.
  Self-starting synchronous motor.
Motor driven device and controlling same. E. D. Williamson. 2,128,598; Aug. 30.
Motor for operating a vibratory jack. E. B. Thompson. 2,128,441; Aug. 30.
Motor vehicle. A. Moorhouse. 2,128,660; Aug. 30.
Mount means, Yieldable. A. P. Armington. 2,128,216; Aug. 30.
Mounting: *See*—
  Piezoelectric crystal Reamer cutter mounting.
  mounting.
Mounting for dynamo-electric machines. E. L. Horning. 2,128,823; Aug. 30.
Mounting for instruments, Detachable. D. A. Young and P. MacGahan. 2,128,277; Aug. 30.
Mourning band attachment for wedding rings. J. W. Gittler. 2,128,644; Aug. 30.
Muffling device. G. H. Fuehrer. 2,128,742; Aug. 30.
Multiconductor signaling cable. A. G. Hall. 2,128,410; Aug. 30.
Multiple drilling gauge. W. R. Martin. 2,128,833; Aug. 30.
Musical instrument of the type employing gaseous discharge tubes, Electrical. W. E. Kock. 2,128,367; Aug. 30.
Nail. L. W. Burr. 2,128,798; Aug. 30.
Neck structure for stringed instruments. H. A. Harlin. 2,128,460; Aug. 30.
Necktie holder. E. A. de Voss, Jr. 2,128,606; Aug. 30.
Nitranilines, Separation of. R. Frye. 2,128,699; Aug. 30.
Nitro-phenols, Ammonolysis of. R. Frye and N. H. Vagenius. 2,128,700; Aug. 30.
Nut-cracking machine. L. J. Meyer. 2,128,874; Aug. 30.
Ojects, Apparatus for observing reciprocating. A. R. Boaz. 2,128,396; Aug. 30.
Oil, Drying. E. W. Fawcett and E. E. Walker. 2,128,354; Aug. 30.
Oils, Decomposition of hydrocarbon. H. R. Snow. 2,128,502; Aug. 30.
Open-mesh bag. J. E. Millett. 2,128,658; Aug. 30.
Organic derivatives of cellulose and making same, Colored. W. Whitehead. 2,128,338; Aug. 30.
Oscillator. H. R. Meahl. 2,128,837; Aug. 30.
Oscillator, Mechanical. E. D. Nunn. 2,128,314; Aug. 30.
Oscillator tube, High frequency. W. Dällenbach. 2,128,231; Aug. 30.
Oven regulator. A. M. Vedoe. 2,128,785; Aug. 30.
Ozonizer. A. R. Darling. 2,128,455; Aug. 30.
Package. J. C. Mullins. 2,128,843; Aug. 30.
Package and packaging. M. J. Milmoe. 2,128,755; Aug. 30.
Package for liquids, Dispensing. R. W. Wilson and B. F. Cahoon. 2,128,567; Aug. 30.
Package handle. W. F. Zettler. 2,128,723; Aug. 30.
Packless bearing. D. Murphy. 2,128,496; Aug. 30.
Pad: *See*—
  Corn pad.
Paper, Coated. V. B. Goodwin and W. H. Pashley. 2,128,296; Aug. 30.
Paper, Decalcomania. J. MacLaurin. 2,128,588; Aug. 30.
Paper, Laminated glassine. C. M. Connor. 2,128,739; Aug. 30.
Paving. S. E. Finley. 2,128,291; Aug. 30.
Peanuts and preparation, Baked. H. S. Richards. 2,128,850; Aug. 30.
Pen, Fountain. W. A. Dusenbury, Sr. 2,128,456; Aug. 30.
Phonograph. H. F. Gramann. 2,128,645; Aug. 30.
Photoelectric surface. B. C. Gardner. 2,128,582; Aug. 30.
Pictures in natural colors, Arrangement for taking motion. J. M. Gutmann and P. Angénieux. 2,128,773; Aug. 30.
Piezoelectric crystal mounting. W. G. Laskey. 2,128,420; Aug. 30.
Piling. R. S. A. Dougherty. 2,128,740; Aug. 30.
Pinking machine. S. Naso and F. Goodstein. 2,128,846; Aug. 30.
Piston. A. L. Nelson. 2,128,662–3; Aug. 30.
Piston expander. D. M. Solenberger. 2,128,717; Aug. 30.
Piston, Internal combustion engine. L. C. Burton. 2,128,451; Aug. 30.
Piston ring. C. A. Marien. 2,128,372; Aug. 30.
Planter runners, Elevating and lowering. W. G. Stevens, Jr. 2,128,860; Aug. 30.
Plow. C. H. Gemberling. 2,128,224; Aug. 30.
Plug: *See*—
  Cable plug. Socket plug.
  Electrical plug. Spark plug.
Plunger, Drain. O. Anderson. 2,128,217; Aug. 30.
Plywood, Bent. O. R. Owens. 2,128,783; Aug. 30.
Pocket for cars, Side stake. R. A. Lewis and C. Schenck. 2,128,306; Aug. 30.
Pole, Portable gin. A. J. Neff. 2,128,712; Aug. 30.
Post. R. B. Gage. 2,128,294; Aug. 30.
Pouch, Mail. F. J. Bingham. 2,128,689; Aug. 30.
Powder dispenser. E. W. Koerner. 2,128,488; Aug. 30.
Power transfer circuit. L. R. Cox. 2,128,230; Aug. 30.
Power transmission. E. A. Thompson. 2,128,665; Aug. 30.
Press: *See*—
  Briquette press. Ring rolling press.
Press for flattening tin cans. J. M. Wright. 2,128,630; Aug. 30.
Press for watch crystals. H. A. Mintz. 2,128,659; Aug. 30.
Pressure fluid gauge. W. H. Longstreet. 2,128,619; Aug. 30.
Prices, Apparatus for calculating ticket. K. A. A. Johanson. 2,128,707; Aug. 30.
Printing, Method of and apparatus for. F. G. Bemis and A. N. Weeks. 2,128,343; Aug. 30.
Printing preparation. O. Albrecht, M. Bommer and F. Grieshaber. 2,128,599; Aug. 30.
Printing, Repeat design. T. R. Gautier. 2,128,877; Aug. 30.
Protective apparatus, such as lightning arresters, and hail protectors, Radioactive. P. Grenier. 2,128,408; Aug. 30.
Pulverizer. C. T. Elderkin. 2,128,727; Aug. 30.
Rack: *See*—
  Display rack.
Rack and table, Combined keg. C. A. Lee. 2,128,831; Aug. 30.
Rack for pianos, Auxiliary music. D. E. Fitchett. 2,128,293; Aug. 30.
Radiator filler passage. E. H. Engelhardt. 2,128,696; Aug. 30.
Radio control, Remote. E. F. Bacon. 2,128,280; Aug. 30.
Radio receiver control. P. Peeck, B. Johannesson and E. Marcard. 2,128,561; Aug. 30.
Rail bender. M. Allen. 2,128,225; Aug. 30.
Rail fastening construction. H. M. Hadley. 2,128,530; Aug. 30.
Rail joint. P. Forcella. 2,128,770; Aug. 30.

Ram, Power. K. Haage. 2,128,584; Aug. 30.
Razor blade support. G. Monnet. 2,128,258; Aug. 30.
Razor, Safety. L. P. Green. 2,128,772; Aug. 30.
Reagent feeder. J. S. Watts. 2,128,721; Aug. 30.
Reagent mixer. D. M. Wright. 2,128,447; Aug. 30.
Reamer cutter mounting. J. H. Howard and A. C. Catland. 2,128,416; Aug. 30.
Receptacle filler. O. C. Schmidt. 2,128,734–5; Aug. 30.
Receptacle for products of the soil. H. D. Bennett. 2,128,218; Aug. 30.
Rechargeable filter. F. W. Manning. 2,128,589; Aug. 30.
Recoil check and barrel accelerator for a machine gun. S. G. Green. 2,128,243; Aug. 30.
Recorder. C. M. F. Friden. 2,128,357; Aug. 30.
Reflectors, Means for adjusting. F. A. Benford. 2,128,791; Aug. 30.
Refrigerating apparatus. C. and B. Jaeger. 2,128,251; Aug. 30.
Refrigerating apparatus. R. L. Tweedale. 2,128,720; Aug. 30.
Refrigerating apparatus. H. M. Williams and A. J. Timmer. 2,128,388; Aug. 30.
Refrigerating machine. C. Steenstrup. 2,128,859; Aug. 30.
Refrigerator, Anchorable. W. F. and J. M. Kirk. 2,128,708; Aug. 30.
Refrigerator, Dehydrating and defrosting showcase. V. P. Warren. 2,128,386; Aug. 30.
Regulating means for current rectifying or converting apparatus. H. Forssell and H. Öfverholm. 2,128,771; Aug. 30.
Regulator: *See*—
Brooder stove regulator. Valve regulator.
Oven regulator.
Resilient support. E. F. Riesing. 2,128,733; Aug. 30.
Retaining means. A. I. Lambert. 2,128,305; Aug. 30.
Ring: *See*—
Piston ring.
Ring for use in a spinning frame. N. Kobayashi. 2,128,614; Aug. 30.
Ring rolling press. H. Köhler. 2,128,651; Aug. 30.
Rings, Apparatus for and method of producing split wire. A. Stenwall. 2,128,437; Aug. 30.
Ripper. R. M. Davenport. 2,128,602; Aug. 30.
Roller bearing, Double row. J. B. Baker. 2,128,668; Aug. 30.
Roller bearing, Double row. H. R. Slusser and J. B. Baker. 2,128,683; Aug. 30.
Roller cutter mounting. A. C. Catland and P. C. Efromson. 2,128,401; Aug. 30.
Roof, Car. E. R. Swanson. 2,128,624; Aug. 30.
Roofing and siding, Sheet metal. D. R. Murphy. 2,128,495; Aug. 30.
Rope, Multiple conductor wire. W. T. Wells. 2,128,547; Aug. 30.
Roughing machine. N. V. Dyer. 2,128,768; Aug. 30.
Sack, Chair. T. J. Dowd. 2,128,693; Aug. 30.
Sack holder. E. P. Lawson. 2,128,618; Aug. 30.
Saddle for hat presses. I. Reiser. 2,128,538; Aug. 30.
Safe, Wall. F. Hall. 2,128,704; Aug. 30.
Safety device for fuel conduits. T. A. Finn. 2,128,292; Aug. 30.
Safety device for hydraulic brakes. R. N. Roen. 2,128,853; Aug. 30.
Safety device for railway vehicles and the like. G. Lecat. 2,128,830; Aug. 30.
Sanding device. H. F. Hannay and H. E. Briggs. 2,128,585; Aug. 30.
Sanitary napkin machine. C. G. Joa. 2,128,746; Aug. 30.
Saw. E. D. Caldwell. 2,128,691; Aug. 30.
Saw, Compass. C. H. and J. C. Raines. 2,128,471; Aug. 30.
Saw, Power driven log. J. P. Umhoefer and G. H. and J. R. Albers. 2,128,864; Aug. 30.
Scale, Weighing. C. O. Marshall. 2,128,491; Aug. 30.
Scope stand. E. F. Hager. 2,128,409; Aug. 30.
Scraper, Bar screen. R. E. Briggs. 2,128,348–9; Aug. 30.
Screen: *See*—
Window screen.
Screen. S. B. Davies. 2,128,603; Aug. 30.
Screen scraper, Bar. R. E. Briggs. 2,128,346; Aug. 30.
Screening and scrubbing apparatus, Combination. W. L. Wettlaufer. 2,128,276; Aug. 30.
Sealing device. H. Hornschuch. 2,128,744; Aug. 30.
Seaweed, Treating. V. C. E. Le Gloahec and J. R. Herter. 2,128,551; Aug. 30.
Selector control for carrier conveyers, System of. A. Drenkard, Jr. 2,128,671; Aug. 30.
Self-starting synchronous motor. M. E. Thompson. 2,128,719; Aug. 30.
Sewage, Treating. R. E. Briggs. 2,128,347; Aug. 30.
Sewer cleaner. A. T. Knoerzer. 2,128,650; Aug. 30.
Sewing machine feeding mechanism. C. W. Dowd. 2,128,353; Aug. 30.
Sewing machines, Rug-making attachment for. J. D. Karle. 2,128,484; Aug. 30.
Shake-splitting machine. A. E. Beckman. 2,128,521; Aug. 30.
Sheet and envelope, Combined letter. M. Vogel. 2,128,275; Aug. 30.
Sheet piling. T. E. Murray, Jr. 2,128,428; Aug. 30.
Sheet transfer mechanism, Rotary. H. E. Peyrebrune. 2,128,317; Aug. 30.
Sheets and plates, Apparatus for piling. G. F. Paul. 2,128,316; Aug. 30.
Shingle and roof, Metal. V. P. McVoy. 2,128,836; Aug. 30.
Shirts, Attachment for. A. Lewenberg. 2,128,421; Aug. 20.
Shock absorber attachment for bumpers. J. P. Long. 2,128,656; Aug. 30.
Shock absorber, Hydraulic. R. J. Visser. 2,128,626; Aug. 30.
Shoe. A. W. Bradbury. 2,128,282; Aug. 30.
Shoe uppers and counters, Assembling. B. Jorgensen. 2,128,301; Aug. 30.
Signal. J. A. Chinskey. 2,128,800; Aug. 30.
Signal for automobiles. L. O. Finnell. 2,128,769; Aug. 30.
Signaling, Railway. R. A. McCann. 2,128,590; Aug. 30.
Signaling system. F. R. Bridges. 2,128,578; Aug. 30.
Signaling system, Remote. E. Fricke. 2,128,812; Aug. 30.
Signals, Device for producing multiple flash. H. Abramson. 2,128,391; Aug. 30.
Signals in single current telegraph circuits, Shaping. G. G. Light. 2,128,680; Aug. 30.
Silk, Manufacture of artificial. R. F. Davis. 2,128,604; Aug. 30.
Silk of viscose, Desulphurizing artificial. E. Hubert and H. Hecht. 2,128,612; Aug. 30.
Singletree, Safety. C. W. McVey. 2,128,835; Aug. 30.
Size, Preparing a. W. H. Harding. 2,128,482; Aug. 30.
Skate, Roller. C. Vogt. 2,128,865; Aug. 30.
Skiving machine. E. J. Ray. 2,128,320; Aug. 30.
Slicing machine. J. Folk. 2,128,407; Aug. 30.
Slug adjuster. R. J. Lloyd. 2,128,369; Aug. 30.
Socket plug, Electric. M. S. Gagle. 2,128,813; Aug. 30.
Solutions of vulcanized rubber in organic solvents of fine colloidal up to molecular dispersions and making those solutions. N. Lebedenko, M. Naphtali, N. Kroll, and H. Meyer. 2,128,654; Aug. 30.
Solvent, Producing a. J. E. Harvey, Jr. 2,128,609; Aug. 30.
Sound reproducer. W. Y. Cannon. 2,128,398; Aug. 30.
Spacer for automobile hood and its seat. W. B. Bauer. 2,128,577; Aug. 30.
Spacing member. G. A. Seeley. 2,128,434; Aug. 30.
Spark control mechanism. J. S. Jennings, Jr. 2,128,363; Aug. 30.
Spark plug. A. M. Fairchild. 2,128,457; Aug. 30.
Speed adjusting device for multiple drive conveyer system, Automatic. L. J. Bishop. 2,128,795; Aug. 30.
Speed control, Revolving door. T. M. Hagenbook. 2,128,531; Aug. 30.
Spelling game. O. L. Koch, J. D. Cromley, and D. Elder. 2,128,749; Aug. 30.
Spindle, Reel mount. A. S. Howell. 2,128,776; Aug. 30.
Spray, Process and apparatus for heat generation of. F. W. Ofeldt. 2,128,263; Aug. 30.
Spring: *See*—
Friction bolster spring.
Spring assembly for mattresses and upholstery. L. S. Wallis. 2,128,566; Aug. 30.
Spring unit, Bolster. D. F. Sproul. 2,128,504; Aug. 30.
Spring unit, Bolster supporting. D. F. Sproul. 2,128,505; Aug. 30.
Sprinkler head. H. K. Rader and J. E. Gray. 2,128,552; Aug. 30.
Stairway, Moving. S. G. Margles. 2,128,310; Aug. 30.
Stand: *See*—
Scope stand.
Staples, Producing wire. M. Vogel. 2,128,443; Aug. 30.
Stapling mechanism. A. H. Schmidtke. 2,128,478; Aug. 30.
Steam table. L. B. Roach. 2,128,852; Aug. 30.
Steel, Manufacturing alloy. W. M. Burden, R. Geners, and R. Harrison. 2,128,601; Aug. 30.
Stop, Mechanical positioning. F. W. Storck. 2,128,507; Aug. 30.
Strand feeding mechanism for knitting machines. R. H. Coleman. 2,128,453; Aug. 30.
Straw, Drinking. L. Wright. 2,128,448; Aug. 30.
Straw manufacturing apparatus, Drinking. H. Schoen and T. Fletcher. 2,128,564; Aug. 30.
Streamlined vehicle. J. A. Andreau. 2,128,687; Aug. 30.
Stripper for wells, Tubing and casing. C. R. Phillips. 2,128,593; Aug. 30.
Structure and process of making same, Laminated. W. H. Charch and D. B. Maney. 2,128,635; Aug. 30.
Subways and like underground structures, Constructing. R. H. Burke. 2,128,284; Aug. 30.
Superheterodyne receiver circuit. M. G. Clay. 2,128,556; Aug. 30.
Support: *See*—
Hemorrhoidal and rectal support. Razor blade support.
Resilient support.
Manifolding ribbon support.
Support for elastic fluid turbines. J. H. Doran. 2,128,805; Aug. 30.
Support for the elastic in ball games with attached ball. R. Heimers. 2,128,610; Aug. 30.
Supporter, Garment. D. M. Goodrich. 2,128,583; Aug. 30.

Suspension system for vehicles, Elastic. A. Dubonnet. 2,128,694; Aug. 30.
Switch: *See*—
Centrifugal switch. Fused switch.
Coin time switch. Vacuum switch.
Electrical switch.
Switch. K. C. Allison. 2,128,279; Aug. 30.
Switch box, Fused. E. G. Johansson. 2,128,648; Aug. 30.
Switch for double tracks for toy vehicles. E. Horn. 2,128,821; Aug. 30.
Table: *See*—
Steam table.
Tap. F. E. Rice. 2,128,474; Aug. 30.
Tap construction. F. E. Rice. 2,128,473; Aug. 30.
Telegraph installation. M. Amann, L. Günther, and A. Lahl. 2,128,788; Aug. 30.
Telegraph system, Printing. G. A. Graham and H. W. Parmer. 2,128,242; Aug. 30.
Telephone apparatus. F. G. Troisi. 2,128,385; Aug. 30.
Telephone pay station. A. and J. Weiss. 2,128,337; Aug. 30.
Telephone system. C. W. Halligan. 2,128,411; Aug. 30.
Telephone system, Prepayment. H. W. Ulrich. 2,128,442; Aug. 30.
Temperature control device. W. J. Ettinger. 2,128,807; Aug. 30.
Temperature control device. R. A. Winborne. 2,128,869; Aug. 30.
Tens transmitting device for adding machines. T. O. R. Dahlberg. 2,128,403; Aug. 30.
Terminal assembly. F. A. Dotterer. 2,128,513; Aug. 30.
Testing. C. E. Betz and F. B. Doane. 2,128,228; Aug. 30.
Theophylline-piperazine preparations. K. Rimböck. 2,128,851; Aug. 30.
Thread spool cabinet. A. Lister and A. B. Frenning. 2,128,781; Aug. 30.
Threads, filaments, and the like, Manufacture of artificial. H. J. Hegan. 2,128,818; Aug. 30.
Tie, Railroad. R. G. Stackhouse. 2,128,272; Aug. 30.
Tie support and attaching device. A. Molitor. 2,128,840; Aug. 30.
Tire rim. A. D. Riehl. 2,128,322; Aug. 30.
Tool: *See*—
Fishing tool.
Tool for timber connecters, Seating. J. E. Myer, A. C. Horner, and P. E. Magerstadt. 2,128,844; Aug. 30.
Tool holder. F. P. Miller and E. G. Dornhoffer. 2,128,572; Aug. 30.
Tool sharpening apparatus. W. H. McGill. 2,128,591; Aug. 30.
Torque converter. G. A. Klimek. 2,128,560; Aug. 30.
Tower, Observation. D. Mena. 2,128,492; Aug. 30.
Toy. R. Shippee and E. H. Corlett. 2,128,435; Aug. 30.
Toy. R. M. Trexler. 2,128,666; Aug. 30.
Toy balloon. I. Worobjoff. 2,128,628–9; Aug. 30.
Toy glider. E. H. Johnson. 2,128,747; Aug. 30.
Toy pistol. R. J. Rickenbacher. 2,128,500; Aug. 30.
Transmission, Automatic. R. E. Keller. 2,128,485; Aug. 30.
Transmission line system. P. S. Carter. 2,128,400; Aug. 30.
Transportation apparatus. H. B. Atherton. 2,128,667; Aug. 30.
Trap: *See*—
Animal trap.
Tray with drop side rail. L. T. Le Febure and F. Thayer. 2,128,882; Aug. 30.
Triturations of fresh plants, Preparing. A. Kuhn. 2,128,616; Aug. 30.
Truck and body interlock, Railway vehicle. M. P. Blomberg. 2,128,281; Aug. 30.
Tube: *See*—
Braun tube. Oscillator tube.
Electron tube. Vacuum discharge tube.
Turbine blades, Securing. L. F. Small, P. F. Lee, and A. A. Jennings. 2,128,268; Aug. 30.
Turbine, Current-propelled. M. D. Mushkin. 2,128,592; Aug. 30.
Tuyère block. R. G. Felger, A. C. McLellan, A. S. Griswold, and E. E. Dubry. 2,128,355; Aug. 30.
Typographical casting machine. R. R. Mead. 2,128,426; Aug. 30.
Ultrashort wave circuit. N. E. Lindenblad. 2,128,422; Aug. 30.
Umbrella. L. A. Capaldo. 2,128,634; Aug. 30.
Underframe for mine cars, Welded. W. H. Statler. 2,128,333; Aug. 30.
Undergarment. J. A. Boysen. 2,128,876; Aug. 30.
Uniform, dress, and like garments. J. K. McComb and G. D. Burruss. 2,128,536; Aug. 30.
Vacuum cleaner. J. B. Dyer. 2,128,525; Aug. 30.
Vacuum discharge tube. W. Dällenbach. 2,128,235–7; Aug. 30.
Vacuum switch. W. J. Means. 2,128,427; Aug. 30.
Valve: *See*—
Control valve. Fluid control valve.
Valve. W. P. Stuck. 2,128,623; Aug. 30.
Valve for oil wells, Flow controlling. E. A. Rodgers. 2,128,475; Aug. 30.
Valve regulator, Automatic airship. R. E. Quinn. 2,128,266; Aug. 30.
Valve with well testing and well flowing apparatus, Hydraulic lock dry pipe. A. E. Johnson. 2,128,253; Aug. 30.
Vanity case. J. Aronstein. 2,128,737; Aug. 30.
Vehicle: *See*—
Automobile vehicle. Streamlined vehicle.
Motor vehicle.
Vehicle suspension. L. E. W. Montrose-Oster. 2,128,756; Aug. 30.
Vehicle walkway structure. A. G. Dean. 2,128,221; Aug. 30.
Ventilating mechanism, Window. M. H. Toncray and E. H. Pickett. 2,128,384; Aug. 30.
Ventilator and air cleaner for automobiles, Draftless. A. L. Thayer. 2,128,335; Aug. 30.
Vibrator. W. G. G. Benway. 2,128,555; Aug. 30.
Voltage of discharge devices, Controlling. H. H. Renner. 2,128,562; Aug. 30.
Voltage selector and wiring terminal, particularly for use therewith. E. Clark. 2,128,726; Aug. 30.
Wallboard and insulating material, Combination. E. M. Zier. 2,128,549; Aug. 30.
Wall construction. J. J. Olsen. 2,128,497; Aug. 30.
Wall construction, Building. J. Rose. 2,128,886; Aug. 30.
Wall structure. J. A. Bohnsack. 2,128,797; Aug. 30.
Wall tie. C. A. Lord. 2,128,308; Aug. 30.
Warning device. C. W. Howard and H. L. Carpenter. 2,128,250; Aug. 30.
Washers to the pins of molds, Feeding. C. and F. Hall. 2,128,557; Aug. 30.
Watchcase mounting. E. C. Anderson. 2,128,766; Aug. 30.
Water and sewage, Treatment of. C. J. Velz. 2,128,569; Aug. 30.
Water eliminator for cooling towers. W. R. Kell. 2,128,678; Aug. 30.
Water gate. F. P. Snow. 2,128,542; Aug. 30.
Water heater. C. L. Chacey. 2,128,350; Aug. 30.
Water in elevated tanks, Aeration of. J. P. Lawlor. 2,128,617; Aug. 30.
Waterproof igniting compositions, Making. L. E. Larsson. 2,128,368; Aug. 30.
Wave receiving apparatus, Ultra-short. W. Kriebel. 2,128,750; Aug. 30.
Web feeding mechanism. F. E. Weller. 2,128,867–8; Aug. 30.
Well pumping equipment. W. J. Gourley and F. H. Barney and E. E. Goehring. 2,128,528; Aug. 30.
Well testing device. T. N. Smith. 2,128,716; Aug. 30.
Wheel, Method of and apparatus for balancing a grinding. A. B. Holmstrom and O. Wahlberg. 2,128,673; Aug. 30.
Wheel reciprocating mechanism, Grinding. H. S. Indge. 2,128,875; Aug. 30.
Wick for oil burners. C. G. Fredrickson. 2,128,356; Aug. 30.
Window. C. E. Eastman. 2,128,405; Aug. 30.
Window frame construction. H. M. Woelfel. 2,128,870; Aug. 30.
Window operator, Casement. H. J. Hendrick. 2,128,483; Aug. 30.
Window screen. A. Lang. 2,128,489; Aug. 30.
Wiper blade construction, Windshield. J. F. Cullin. 2,128,454; Aug. 30.
Wire, Drawing of galvanized. F. Jenks. 2,128,677; Aug. 30.
Wire of a paper-making machine, Vibrating the. E. W. Smith. 2,128,269; Aug. 30.
Wrapper for cigars or the like. B. Midulla. 2,128,374; Aug. 30.
Wrench: *See*—
Impact wrench.
Wrench. S. G. Green and R. J. Lennon. 2,128,244; Aug. 30.
Wrench. O. D. Legg. 2,128,517; Aug. 30.
X-ray apparatus. H. Linke and W. M. Priest. 2,128,655; Aug. 30.
Yarn carrier or tube frame. W. Bixby. 2,128,875; Aug. 30.
Yarn control means. F. Klein. 2,128,487; Aug. 30.
Yarn-winding machine. C. Marsden. 2,128,786; Aug. 30.
Zinc concentrates, Recovery of values from. G. L. Spencer, Jr. 2,128,379–80; Aug. 30.

CLASSIFICATION OF PATENTS

ISSUED AUGUST 30, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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